

**ATTACHMENT 8**  
**ENVIRONMENTAL SITE ASSESSMENTS PHASE I**  
**AND II**

**August 11, 2020**

Via Email and Hand Delivery

**Herminio Alamo, PE. PPL**  
**Barret Hale & Alamo, LLC**  
207 Del Parque, 6th Floor  
San Juan, PR 00912

**Subject: PRIVILEGED AND CONFIDENTIAL**  
**Phase I Environmental Site Assessment Report and**  
**Limited Phase II Environmental Site Assessment Report**  
**Environmental Site Assessment**  
**Former Mechanical Shop**  
**PR-10 (Utado-Adjuntas)**  
**Project – AC-100069**  
**Guaónico Ward**  
**Utado, Puerto Rico**  
**CES Project No. 20-0008**


**Dear Mr. Alamo:**

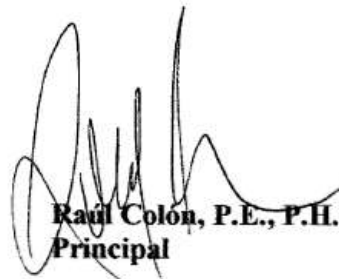
Caribe Environmental Services (CES) respectfully submits to your attention this Phase I and Phase II Environmental Site Assessment reports of the referenced property. One digital version in PDF format of the report are submitted for your use. These services were conducted in accordance with the scope of work described in CES Proposal PR14-0079 dated October 30, 2018.

We appreciate the opportunity to provide our professional services to you and look forward to our continued working relationship. If you have any questions regarding the enclosed report, please do not hesitate to contact us at your convenience.

**Respectfully yours,**

**CARIBE ENVIRONMENTAL SERVICES**

  
**Luis R. Colón Morales, P.E., M.E.**  
**Project Manager**

  
**Raul Colón, P.E., P.H.**  
**Principal**

*2020 Files/BHA PR-10 Phase I, Phase II and ACMLBP/Phase I/Phase I Transmittal Letter.doc*



## **EXECUTIVE SUMMARY**

Caribe Environmental Services (CES) was retained by Barret-Hale-Alamo (BHA) to conduct a Phase I Environmental Site Assessment (Phase I) and a Limited Phase II Environmental Site Assessment (Phase II) of a 44,843.4582 square meters (m<sup>2</sup>) (11.41 “cuerdas”) parcel located within the Guaónico Ward of the Utua-do Municipality in Puerto Rico. As part of the proposed construction of the new PR-10 highway from Utua-do to Adjuntas, the Puerto Rico Highway and Transportation Authority (PRHTA) acquired this parcel. From here on the acquired parcel will be referenced to as the Subject Property, Subject Site, and/or Site.

Authorization to proceed with the Phase I and Phase II ESA was provided by BHA on a letter sent to CES on March 10, 2020 and an email sent by BHA on June 11, 2020, which forwarded the authorization from the PRHTA.

The Subject Property was formerly owned by the Ruperto Torres Villanueva heirs. Reportedly, a portion of the Subject Property was used as a heavy vehicle mechanical work shop and residential purposes for many years. However, most of the Subject Property was never developed. Presently the parcel consists mostly of undeveloped lands covered with heavy vegetation and abandoned structures.

Initially, the Phase I investigation identified, the following findings that may represent Recognized Environmental Condition (REC) associated with the Subject Property:

- **Historic Vehicle Mechanical activities, Areas of Stained Floor, Suspect PVC Pipe, and Septic Tank System**

The available historical data indicate that the subject site was used for heavy mechanical activities for a very long time. Based upon our professional experience, it is common that these types of facilities generate used oil and other petroleum products wastes and also could generated hazardous wastes as a result of their operations. In addition, during our site reconnaissance, suspect stained areas and a suspect PVC pipe discharging into the ground were observed at the ground surface.

It is uncertain how the management of these wastes was conducted at the Subject Site, including if these were discharged into the septic tank or into the ground surface. In addition, based upon our experience it is typical that these facilities do not implement adequate housekeeping procedures and poor management of petroleum products and potential hazardous substances such as solvents is typically inadequate.

Therefore, the historical use of the site for heavy mechanical activities, the observed stained areas, the suspect PVC pipe and the septic tank were identified as a REC, which required further site investigation.

As a result of the initial Phase I findings, a limited Phase II detection level assessment was conducted to address the potential RECs identified in the Phase I.

In general, the Phase II concluded the following:

- Other than traces of Acetone, no Volatiles Organic Compounds (VOCs) constituents were detected in any of the soil samples collected. The detected concentrations did not exceed the comparison criteria.
- Other than traces of bis(2-Ethylhexyl)phthalate, no Semi- Volatiles Organic Compounds (SVOCs) constituents were detected in any of the soil samples collected. The detected concentrations did not exceed the comparison criteria.
- All Priority Pollutants Metals constituents were detected in at least one of the soil samples collected, except for Antimony and Selenium which were not detected at any of the samples collected. The detected concentrations did not exceed the comparison criteria, except for Arsenic and Thallium. However, the detected arsenic and thallium concentrations were in the same range of the recorded background concentrations of soils in PR and are likely associated to naturally occurring concentrations in the soil. Therefore, the detected Arsenic and Thallium concentrations should not represent a concern for the Subject Site.
- No Total Petroleum Hydrocarbons Oil Range Organics (TPH-ORO) or Gasoline Range Organics (TPH-GRO) constituents were detected in any of the soil samples collected.
- No soil samples collected show concentrations of Total Petroleum Hydrocarbons Diesel Range Organics (TPH-DRO) constituents, except for the soil sample collected at UIC, which shows a concentration of 16.0 mg/kg. The detected TPH-DRO concentrations in soil sample UIC, exceeded the comparison criteria. This sample was collected at the septic tank bottom. The detected TPH concentration at this location appears to have a very limited extent. The other samples collected did not show TPH-DRO concentrations. The potential soils impacted with TPH-DRO underlying the septic tanks bottom should be further assessed, as part of the septic tank closure process.
- The available data suggest that the groundwater underlying the site may be located deeper than 100 feet-bgs. Therefore, it would be *unlikely* that TPH-DRO may have impacted the groundwater underlying the Subject Site. The data collected during this investigation suggest that no groundwater impacts are expected to be associated to the CCOC related to the areas of concern assessed during this investigation.



- Other than Acetone, detected only in trace concentrations apparently associated to laboratory artifacts, no VOCs were detected. Therefore, we understand the vapor migration should not be a concern for the Subject Site.

In summary, the potential presence of soils impacted with TCL-VOCs, TCL-SVOCs, TPH-GRO/DRO/ORO and Priority Pollutant Metals constituents either did not exceed the comparison criteria or appeared to be associated with natural metals concentrations. Therefore, these Chemicals Constituents of Concern should not represent an environmental concern for the Subject Site.

However, what appears to be a limited impacted area with TPH-DRO was identified at the soils underlying the septic tank system. To determine if this should be considered as a “de minimis” condition, further assessment should be conducted as part of the septic tank closure process.

Based upon the results of this investigation, it is our opinion that other than properly closing the existing septic tank system, no additional site investigation or remedial activities are warranted for the Subject Site.

This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety. The investigation limitations, the scope of report and user reliance are outlined in Sections 2.4 and 2.5 of the Phase I report and Section 1.6 of the Phase II report.

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT  
FORMER MECHANICAL SHOP  
PR-10 (UTUADO - ADJUNTAS)  
PROJECT - AC-100069  
GUAÓNICO WARD  
UTUADO, PUERTO RICO**

**Prepared For:**

**PUERTO RICO HIGHWAY TRANSPORTATION AUTHORITY  
SAN JUAN, PUERTO RICO**

**Prepared By:**

**CARIBE ENVIRONMENTAL SERVICES  
CAGUAS, PUERTO RICO**

**PROJECT NO. 20-0008**

**AUGUST 2020**

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### **1.0 SUMMARY**

The Puerto Rico Highway and Transportation Authority (PRHTA) is proposing the construction of the new PR-10 highway from Utuado to Adjuntas. As part of the proposed project, the PRHTA acquired multiple private land parcels including a 44,843.4582 square meters (m<sup>2</sup>) (11.41 “cuerdas”) parcel located within the Guaónico Ward of the Utuado Municipality in Puerto Rico. This property was formerly owned by the Ruperto Torres Villanueva heirs. Barret-Hale-Alamo (BHA) was selected by the PRHTA to conduct the PR-10 highway extension design.

Caribe Environmental Services (CES) was retained by BHA to conduct a Phase I Environmental Site Assessment (Phase I) of the 11.41 “cuerdas” parcel. Reportedly, a portion of the parcel was previously used as vehicle mechanical shop and as a residential house. It is our understanding that the rest of the property was never developed. Presently the parcel consists mostly of undeveloped lands covered with heavy vegetation and abandoned structures. From here on the acquired parcel will be referenced to as the Subject Property, Subject Site, and/or Site.

CES understands that at the time of the site reconnaissance, the Subject Property was owned by the PRHTA. CES also understands that the Subject Property was acquired as part of an expropriation process and prior to constructing the highway extension, the PRHTA is interest in conducting a Phase I. BHA on behalf of the PRHTA requested a Phase I assessment of the Subject Site. Also, as part of the process a Phase II investigation was conducted and its results are included as part of this Phase I report.

This Phase I was prepared in conformance with the scope and limitations of ASTM E1527-13 standard (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process). The ASTM E1527-13 Standard meets the requirements of US Environmental Protection Agency (EPA)’s All Appropriate Inquiry (AAI) Rule as set forth in 40 CFR Part 312.

The purpose of the Phase I was to evaluate environmental concerns or issues with respect to the range of contaminants within the scope of the Comprehensive Environmental Response and Liability Act (CERCLA) and petroleum products that maybe associated with the Subject Property, based upon readily available information and site observations. In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a property, the goal of the processes established by this practice is to identify “*Recognized Environmental Conditions (REC)*”, Historic RECs or Controlled RECs associated with the current and historical use of the property.

The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under

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conditions that pose a material threat of a future release to the environment. The term is not intended to include “*de minimis*” conditions that generally do not present a threat to the human health or the environment and that generally would not be subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be “*de minimis*” are not recognized environmental conditions nor controlled recognized environmental conditions.

The term controlled recognized environmental condition (Controlled REC) means a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

The term historical recognized environmental condition (Historic REC) means a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without the need for institutional or engineering controls.

The scope of work for this study consisted of:

- A visual reconnaissance of the Subject Site and surroundings;
- Submittal of User Questionnaire (Appendix X3 of ASTM E1527-13) to the PRHTA;
- Personal interview with Mr. René Torres (one of the heirs and brother of Miguel Torres Rivera);
- Submittal of request of information letter to the Department of Natural and Environmental Resources of Puerto Rico (DNER) Arecibo Office;
- Review of readily available regulatory and technical information, including a review of geological, hydrogeological and hydrological information to establish environmental receptors at the site and in its vicinity;
- A review of available historical information, including historical aerial photographs, to ascertain historical use of the site and its immediate surroundings;
- A review of available information from public databases, local public offices and environment agencies (as reasonably available within timeframe);
- Execution of a Phase II assessment investigation;
- Preparation of a report outlining the findings and conclusion of the assessment.

A site reconnaissance visit was conducted by CES personnel, engineer Luis Raúl Colón Morales and Raul Colón Vicenty, on July 6, 2020. Prior to conducting the site reconnaissance and during the site visit Mr. Orlando García was in charge of opening accessways through the vegetation. At



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the time of CES visit, the Subject Site was observed to consist of undeveloped lands and abandoned structures in deteriorated conditions.

We note that site conditions and regulatory requirements may change in the future. Therefore, the information included in this report, our findings, or recommendations presented are based upon information readily available and observations made at the time of the Site visit. Sampling and analysis of site, water, air or other materials were not performed as part of the Phase I assessment.

This Phase I ESA has revealed no evidence of recognized environmental conditions (RECs) in connection with the Subject Property, except for the following:

- **Underground Injection Control (UIC) Units**

A septic tank system was identified near the residential structure. No liquids or sludge were observed inside the septic tank system. Site observations suggest that this septic tank served both the house and the shop area. Therefore, this septic tank is regulated under the DNER UIC Regulations. This UIC was further assessed as part of the Phase II activities conducted by CES in August 2020. As a result of these Phase II activities, no soils impacted with TCL-VOCS, TCL-SVOCs, TPH-ORO, TPH-GRO, or Metals were identified at these areas.

However, what appears to be a limited impacted area with TPH-DRO was identified at the soils underlying the septic tank system. To determine if this should be considered as a “de minimis” condition, further assessment should be conducted as part of the septic tank closure process. Therefore, until this is further assessed, the potential impacted soils with TPH-DRO underlying the septic tank system *should be considered as a REC* for the Subject Site.

In compliance with §312.31 (b) of the AAI final rule and §12.6.1 of the ASTM E1527-13, it is our opinion that additional appropriate investigation will be required to confirm the presence of petroleum products and/or hazardous substances associated with the abovementioned REC.

Details about the scope, activities, findings and conclusions of this Phase I Environmental Site Assessment are described in the following sections of this Phase I report. This summary is provided for your convenience. It should not be construed as a separate document without reviewing the complete report, including the appendices.

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### **2.0 INTRODUCTION**

#### **2.1 PURPOSE**

The Puerto Rico Highway and Transportation Authority (PRHTA) is proposing the construction of the new PR-10 highway from Utuado to Adjuntas. As part of the proposed project, the PRHTA acquired multiple private land parcels including a 44,843.4582 square meters (m<sup>2</sup>) (11.41 “cuerdas”) parcel located within the Guaónico Ward of the Utuado Municipality in Puerto Rico. This property was formerly owned by the Ruperto Torres Villanueva heirs. Barret-Hale-Alamo (BHA) was selected by the PRHTA to conduct the PR-10 highway extension design.

Caribe Environmental Services (CES) was retained by BHA to conduct a Phase I Environmental Site Assessment (Phase I) of the 11.41 “cuerdas” parcel. Reportedly, a portion of the parcel was previously used as vehicle mechanical shop and as a residential house. It is our understanding that the rest of the property was never developed. Presently the parcel consists mostly of undeveloped lands covered with heavy vegetation and abandoned structures. From here on the acquired parcel will be referenced to as the Subject Property, Subject Site, and/or Site.

CES understands that at the time of the site reconnaissance, the Subject Property was owned by the PRHTA. CES also understands that the Subject Property was acquired as part of an expropriation process and prior to constructing the highway extension, the PRHTA is interest in conducting a Phase I. BHA on behalf of the PRHTA requested a Phase I assessment of the Subject Site. Also, as part of the process a Phase II investigation was conducted and its results are included as part of this Phase I report.

This Phase I was prepared in conformance with the scope and limitations of ASTM E1527-13 standard (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process). The ASTM E1527-13 Standard meets the requirements of US

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Environmental Protection Agency (EPA)'s All Appropriate Inquiry (AAI) Rule as set forth in 40 CFR Part 312.

The purpose of the Phase I was to evaluate environmental concerns or issues with respect to the range of contaminants within the scope of the Comprehensive Environmental Response and Liability Act (CERCLA) and petroleum products that maybe associated with the Subject Property, based upon readily available information and site observations. In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a property, the goal of the processes established by this practice is to identify “*Recognized Environmental Conditions (REC)*”, Historic RECs or Controlled RECs associated with the current and historical use of the property.

The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term is not intended to include “*de minimis*” conditions that generally do not present a threat to the human health or the environment and that generally would not be subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be “*de minimis*” are not recognized environmental conditions nor controlled recognized environmental conditions.

The term controlled recognized environmental condition (Controlled REC) means a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

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The term historical recognized environmental condition (Historic REC) means a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without the need for institutional or engineering controls.

### **2.2 DETAILED SCOPE OF SERVICES**

The scope of work for this study consisted of:

- A visual reconnaissance of the Subject Site and surroundings;
- Submittal of User Questionnaire (Appendix X3 of ASTM E1527-13) to the PRHTA;
- Personal interview with Mr. René Torres (one of the heirs and brother of Miguel Torres Rivera);
- Submittal of request of information letter to the Department of Natural and Environmental Resources of Puerto Rico (DNER) Arecibo Office;
- Review of readily available regulatory and technical information, including a review of geological, hydrogeological and hydrological information to establish environmental receptors at the site and in its vicinity;
- A review of available historical information, including historical aerial photographs, to ascertain historical use of the site and its immediate surroundings;
- A review of available information from public databases, local public offices and environment agencies (as reasonably available within timeframe);
- Execution a Phase II investigation;
- Preparation of a report outlining the findings and conclusion of the assessment.

A site reconnaissance visit was conducted by CES personnel engineer Luis Raúl Colón Morales and Raul Colón Vicenty, on July 6, 2020. Prior to conducting the site reconnaissance and during the site visit Mr. Orlando García was in charge of opening accessway through the vegetation. At the time of CES visit, the Subject Site was observed to consist of undeveloped lands and abandoned structures in deteriorated conditions. The purpose of the field visit was to observe physical conditions of the Site and identify regulated or suspect facilities in the vicinity of the Subject Site. Copies of historical aerial photographs obtained from the Puerto Rico Highway and Transportation

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Authority (PRHTA) and USGS were reviewed. The purpose of this review was to understand historical land uses of the Subject Property. Aerial photographs available for the site were obtained for flight dates of: December 1958; March 24, 1977; and February 15, 1982. In addition, high resolution satellite photos were obtained from Google Earth® Pro for the following dates: October 16, 1993; December 1, 2004; June 28, 2009, December 8, 2014; and January 9, 2020. Aerial photos for the 1940's and 1960s decades were not available. The following published information (references) was also reviewed to gain an understanding of the site's natural setting:

- *Topographic map of the Adjuntas Quadrangle* by U.S. Geological Survey, 2018.
- *Topographic map of the Adjuntas Quadrangle* by U.S. Geological Survey, 1960 (Photo-inspected 1977).
- *Topographic Map of the Adjuntas Quadrangle (1946)* U.S. Geological Survey
- *Geologic map of the Adjuntas Quadrangle, by Peter H. Mattson, 1968, U.S. Geological Survey*
- *Soil Survey Map of the Arecibo Area, Puerto Rico Northern Part Survey Area Data: Version 13, Sep 16, 2019, by the U.S. Department of Agriculture Soil Conservation Survey.*
- *Flood Insurance Rate Maps, Panel 1080 of 2160 (Map Number 72000C1080H), by the Federal Emergency Management Agency (FEMA). Effective date April 13,2018.*
- *Atlas of Ground-Water Resources in Puerto Rico and the US Virgin Islands. 1996. U.S. Geological Survey. Water Resources Investigations Report 94-4198.*
- *Google Earth Pro 7.3.2.5776 (64-bit), Build Date Tuesday, March 5, 2019 12:43:51 AM UTC*
- <http://www.jp.gobierno.pr/>
- <http://gis.jp.pr.gov/GeoLocalizador/index.htm?refresh=501>

The following database of standard environmental record sources prepared obtained from the U.S. Environmental Protection Agency (EPA), DNER and the Solid Waste Management Authority (SWMA) were reviewed to determine if the subject site was listed as a regulated facility, and if other potential regulated facilities or hazardous waste sites were located near the subject site.

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<u>Database</u>	<u>Search Radius</u>
Federal NPL site list (June 3, 2020) ( <a href="https://www.epa.gov/superfund/superfund-national-priorities-list-npl">https://www.epa.gov/superfund/superfund-national-priorities-list-npl</a> )	1-mile
Federal Delisted NPL site list (May 26, 2020) ( <a href="https://www.epa.gov/superfund/superfund-national-priorities-list-npl">https://www.epa.gov/superfund/superfund-national-priorities-list-npl</a> )	0.5-mile
Federal CERCLIS list ( <a href="https://www.epa.gov/superfund/superfund-data-and-reports">https://www.epa.gov/superfund/superfund-data-and-reports</a> )	
FEDERAL Facility (dated May 21, 2020)	0.5-mile
SEMS (dated May 21, 2020)	0.5-mile
Federal CERCLIS NFRAP site list ( <a href="https://www.epa.gov/superfund/superfund-data-and-reports">https://www.epa.gov/superfund/superfund-data-and-reports</a> )	
SEMS Archived (dated May 21, 2020)	0.5-mile
Federal RCRA TSD Facilities list CORRACTS (dated June 1, 2020) ( <a href="https://www3.epa.gov/enviro/facts/rcrainfo/search.html">https://www3.epa.gov/enviro/facts/rcrainfo/search.html</a> )	1-mile
Non-CORRACTS (dated June 1, 2020) ( <a href="https://www3.epa.gov/enviro/facts/rcrainfo/search.html">https://www3.epa.gov/enviro/facts/rcrainfo/search.html</a> )	0.5 miles
Federal RCRA Generators list (dated June 1, 2020) ( <a href="https://www3.epa.gov/enviro/facts/rcrainfo/search.html">https://www3.epa.gov/enviro/facts/rcrainfo/search.html</a> )	Property and adjoining properties
Federal Institutional Control/Engineering Control Registries (September 26, 2018) ( <a href="https://rcrapublic.epa.gov/rcrainfoweb/action/modules/cor/caindex">https://rcrapublic.epa.gov/rcrainfoweb/action/modules/cor/caindex</a> )	Property only
Federal Emergency Response Notification System (ERNS) list (dated June 28, 2020) ( <a href="https://nrc.uscg.mil">https://nrc.uscg.mil</a> ),	Property only
State UST Registration List (dated January 1, 2008) ( <a href="http://www.drna.pr.gov/otrora-jca/">http://www.drna.pr.gov/otrora-jca/</a> )	Property and adjoining properties
State Leaking USTs List (dated July 2018) ( <a href="http://www.drna.pr.gov/otrora-jca/">http://www.drna.pr.gov/otrora-jca/</a> )	0.5 miles

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State Landfill and/or Solid Waste Disposal Site Lists 0.5 miles  
(as of October 2012)  
<http://www.ads.pr.gov/>

State and tribal Brownfield sites (March 13, 2020) 0.5 miles  
(<https://www.epa.gov/cleanups/cleanups-my-community>)

The following state and tribal environmental database record sources are recommended to be reviewed by the ASTM Practice E1527-13. However, they were not reviewed because Puerto Rico does not maintain a list (i.e. State NPL list) and/or they are not applicable (i.e. no Indian land is designated in Puerto Rico).

State and tribal lists of *hazardous waste* sites identified for investigation or remediation  
State and tribal-equivalent NPL  
State and tribal-equivalent CERCLIS  
State and tribal institutional Control/Engineering Registries  
State and tribal voluntary cleanup sites

In addition, the ASTM Standard suggest reviewing fire insurance maps and city directories. However, these sources are not available for Puerto Rico.

The Environmental Protection Agency (EPA) Facility Registry Service (FRS) was reviewed to verify if the subject site was included in the registry. The FRS is a database maintained by the EPA of facilities, sites or places of environmental interest subject to regulation. It provides quality facility data to support EPA’s mission of protecting the human health and the environment.

**2.3 SIGNIFICANT ASSUMPTIONS**

The Phase I was prepared in conformance with the scope and limitations of ASTM Practice E1527-13. No other significant assumptions were made or taken into consideration during the preparation of this Phase I report.

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**2.4 LIMITATIONS AND EXCEPTIONS**

The opinions included in this report are based upon reasonably ascertainable information obtained during the course of the assessment, site observations, and interviews, and our understanding of applicable environmental regulations. No representations or warranties are made concerning the nature or quality of the air, soil, water, building materials or any other substances on the Property, other than the visual observations as stated in this report. Sites not listed on the reviewed regulatory agencies databases or hidden sources of potential liability cannot be detected by the methods used for the Phase I assessment.

The scope of work for this Phase I meets the requirements of the ASTM E1527-13. The ASTM E1527-13 Section 13.1.5 includes Non-Scope considerations such as; Asbestos-Containing Building Materials (ACM), Biological agents, Cultural and historic resources, Ecological resources, Endangered species, Health and safety, Indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, Industrial hygiene, Lead-Based Paint (LBP), Lead in Drinking Water, Mold, Radon, Regulatory compliance, and Wetlands, that are not part of the required ASTM Standard scope of work. During this Phase I investigation, non-scope considerations were **not** considered or included.

In the preparation of this report, CES has relied upon documents and information provided by BHA. In addition, CES has relied upon a computer search of government databases provided by EPA, DNER, SWMA, and the EPA FRS. Except as discussed in the report, CES did not attempt to independently verify the accuracy or completeness of that data but did not detect inconsistencies or omissions of a nature that might question the validity of the information.

CES understands that the data obtained from these databases are the most current data available. To the extent that the conclusions in this report are based in whole or in part on such information, they are contingent on its validity. CES assumes no responsibility for any consequence arising



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from any information or condition that was concealed, withheld, misrepresented or otherwise not fully disclosed or available to us.

The Phase I report may include observations and/or comments regarding possible issues of environmental compliance identified at the Subject Site. The inclusion of such information must not be interpreted as representative or indicative of the environmental compliance status of the facility. This Phase I investigation must not be construed as an environmental compliance or environmental audit investigation for the Site.

We note that Site conditions and regulatory requirements may change in the future. Therefore, the information included in this report, our findings, or recommendations presented are based upon information readily available and observations made at the time of the site visit.

Any property boundary, feature location, or measurements included in this report are approximate, for illustrations purposes only, and other than for the ease of use of this report, these shall not be used. Any property boundary, feature location, or measurement included in this report must not be assumed to be or interpreted as a certified building covering area, a survey foot-print area, or a certified property limit.

Although this assessment has attempted to identify potential for environmental impairment to the Subject Property, potential sources of contamination may have escaped detection due to: (1) the limited scope of this assessment, (2) the inaccuracy of public records, (3) the presence of undetected or unreported environmental incidents, (4) inaccessible areas, and/or (5) deliberate concealment of detrimental information. It was not the purpose of this study to determine the actual presence, degree, or extent of contamination, if any, at the Site. This could require additional exploratory work, including sampling and laboratory analysis. Also, other than a general opinion and observation during the site reconnaissance, it was not the purpose of this study to provide asbestos and/or lead-based paint materials services.

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For the purposes of this report, “migrate” and “migration” refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. Therefore, this report may include an opinion or assessment of RECs associated to hazardous substances or petroleum products vapor migration issue with respect to the Subject Site. The ASTM E2600 Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions may have been used during this report only as a reference. However, it is not the intent of this study to conduct a Vapor Encroachment Screening study or to identify a Vapor Encroachment Condition, since that study was not part of the Phase I scope of work.

We note that a finding of no recognized environmental condition is not a warranty or guarantee that the property remains free from contamination. No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the Property. Performance of this practice is intended to reduce, but not to eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the Property.

This assessment has been undertaken and performed in a professional manner, in accordance with generally accepted practices, using the degree of skill and care ordinarily exercised by reputable environmental consultants under similar circumstances. No other warranty, expressed or implied is made. Unless otherwise stated in this report, the assessment assumes that the Subject Site will continue to be used for the current purpose without significant change. Based on ASTM guidelines, an environmental site assessment meeting or exceeding this practice and completed less than *180 days* prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid.

An environmental site assessment meeting or exceeding this practice and for which the information was collected or updated within *1 year* prior to the date of acquisition of the property or (for

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transactions not involving an acquisition) the date of the intended transaction may be used provided that the following components of the inquiries were conducted or updated within *180 days* of the date of purchase or the date of the intended transaction: 1) interviews with owners, operators, and occupants; 2) searches for recorded environmental cleanup liens; 3) reviews of federal, tribal, state, and local government records; 4) visual inspections of the property and of adjoining properties; and 5) the declaration by the environmental professional responsible for the assessment or update.

### **2.5 USER RELIANCE**

This report was prepared at the request and for the exclusive use of PRHTA, it assigns, agents, advisors and legal representatives. No other party is entitled to rely on the conclusions, observations, specifications, or data contained herein without the express written consent of CES. It should be emphasized that because conditions at the Subject Property can change over time, the use of this report by unauthorized third parties without written authorization from CES shall be at their own risk.

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### 3.0 SITE DESCRIPTION

#### 3.1 LOCATION AND LEGAL DESCRIPTION

The Subject Site is located within the Guaónico Ward of the Utuaado Municipality in Puerto Rico. The parcel of land was improved with one-story residential property and a one-story mechanical shop, abandoned and heavily deteriorated. A Site Vicinity Map is provided as *Appendix 1*. A Site Aerial Photograph, showing the Site's features, general settings, and surroundings is provided as *Appendix 2*. The project site boundaries included in *Appendix 2* are approximate based upon the information provided to CES. *Appendix 3* presents general photographs of the site as observed during the site reconnaissance. The approximate coordinates of the center portion of Subject Site are: 18°13'53.76"N; 66°43'19.54"W.

The legal description, in *Spanish*, of the Subject Property included in the expropriation property deed Case No. KEF-2015-0087 of the 1<sup>st</sup> Instance Court in San Juan, Puerto Rico and provided to us by BHA is as follows:

*“Rustica: Parcela de terreno radicada en el Barrio Arenas, del término Municipal de Utuaado, Puerto Rico, con una cabida superficial de 44,843.4582 metros cuadrados, equivalentes a 11.4094 cuerdas, según mensura realizada por la Autoridad de Carreteras y Transportación, evidenciada en el Plano de Adquisición. En lindes por el Norte; con parcela 100-01 y parcela 101-01 a ser adquirida; por el Sur, con parcela 134-01 a ser adquirida y parcela 103-01 a ser adquirida; por el Este, con parcela 103-01 a ser adquirida; por el Oeste, con Rio Grande de Arecibo.”*

Copy of the expropriation property deed and appraisal report provided by BHA is included in *Appendix 4*. We note that different legal description with covering area of 11.58 “cuerdas” is included in the appraisal report. However, for purposes of this Phase I, we are assuming the area included in the expropriation property deed is correct.

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### **3.2 SITE AND VICINITY GENERAL CHARACTERISTICS**

The Subject Property is located on mostly undeveloped lands covering in total an area of approximately 44,843.4582 m<sup>2</sup> (11.41 "cuerdas"). The Subject Site is situated in a lot surrounded by mostly by undeveloped lands and the Rio Grande de Arecibo. Based upon the information obtained from the appraisal report, the former structures consisted of a residential wooden structure and wooden roofs covered with planks. A mechanical workshop built on beams of approximately 750 ft<sup>2</sup> with an attached concrete wall structure of approximately 200 ft<sup>2</sup>, areas paved with concrete at the front portion covering an area of approximately 1,995 ft<sup>2</sup>. A concrete residential structure of approximately 924 ft<sup>2</sup>. These structures were observed partially demolished and in much deteriorated conditions.

The Subject Site has steep slope towards the north and south. Photographs of the Site and vicinity areas are included in *Appendix 3*. As appropriate, selected site photographs are illustrated for orientation purposes only in *Appendix 2*. General views of the Subject Site surroundings are shown in *Photographs 1* through *10*.

### **3.3 CURRENT USE OF THE PROPERTY**

The Subject Site is vacant and covered with thick vegetation.

### **3.4 DESCRIPTION OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE**

A summary of the main structures and improvements observed at the Site were included in *Sections 3.2* above.

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**3.5 CURRENT USE OF ADJOINING PROPERTIES**

The following are the properties adjoining the subject site and their respective uses.

<b>North:</b>	Undeveloped lands
<b>East:</b>	Undeveloped lands
<b>West:</b>	Undeveloped lands
<b>South:</b>	Undeveloped lands

During our site reconnaissance a visual inspection of the adjoining properties from the subject site's property limits was conducted. Based upon our site observations *no* evident accumulations, releases, threat of releases of hazardous or petroleum products were observed at the adjoining properties boundaries that could represent an environmental concern for the Subject Site. We note that no access to the adjoining properties was available during the site reconnaissance.

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### **4.0 USER PROVIDED INFORMATION**

#### **4.1 TITLE RECORDS**

No title study was provided for our review. However, according to the expropriation document, no environmental liens or limitation are included in the lien restriction section. In addition, legal description of the Subject Site was provided in the expropriation property deed, see *Section 3.1*.

#### **4.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATION**

According to information provided by PRHTA in their response to the User Questionnaire PRHTA is unaware of any environmental cleanup liens against the Subject Property.

#### **4.3 SPECIALIZED KNOWLEDGE**

According to information provided by PRHTA in their response to the User Questionnaire, PRHTA does not have specialized knowledge information related to conditions, events, and/or activities at the Subject Site that could constitute environmental concerns or issues to the Subject Site.

#### **4.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION**

Based upon information provided by PRHTA in their response to the User Questionnaire, PRHTA is not aware of any commonly known or reasonable ascertainable information about the Property that is material to recognized environmental conditions in connection with the Property.





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**4.8 OTHER INFORMATION**

Other than the documents and information discussed in this report, no additional user information was provided to CES by the user during the preparation of this Phase I.

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### **5.0 RECORDS REVIEW**

#### **5.1 STANDARD ENVIRONMENTAL RECORD SOURCES**

CES reviewed Federal and Commonwealth environmental regulatory agency lists, prepared by provided by the EPA, DNER and Solid Waste Management Agency (SWMA). These databases were reviewed directly from the agencies online databases obtained at:

- <https://www.epa.gov/superfund/superfund-national-priorities-list-npl>
- <https://www.epa.gov/superfund/superfund-data-and-reports>
- <https://www.epa.gov/cleanups/cleanups-my-community>
- <https://www3.epa.gov/enviro/facts/rcrainfo/search.html>
- <https://rcrapublic.epa.gov/rcrainfoweb/action/modules/cor/caindex>
- <http://www.rtk.net/erns/search.php>),
- <http://drna.pr.gov/otrora-jca>
- <http://www.jca.gobierno.pr>
- <http://www.ads.pr.gov/>
- <https://www.epa.gov/cleanups/cleanups-my-community>

A copy of the databases reviewed is included in PDF format in the compact disk inserted in *Appendix 5* of this Phase I report.

The information obtained during our site visit, and published information were reviewed and evaluated in relation to principal environmental regulations that may expose site owners and/or operators to potential liabilities. Our regulatory review findings are presented in the following subsections of this report.

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### **5.1.1 Resource Conservation & Recovery Information System (RCRIS)**

Hazardous solid wastes are regulated by the Puerto Rico Regulation for the Control of Hazardous Wastes, as well as by the Federal Resource Conservation and Recovery Act (RCRA), Subtitle C. RCRA regulates the management of hazardous wastes including its generation, transportation, and treatment/storage/disposal (T/S/D). The US Environmental Protection Agency (EPA) catalogs and compiles lists of facilities that are regulated under the RCRA Subtitle C and makes these available through the RCRA Information System (RCRIS).

A review of the RCRIS database indicated the following:

- According to the reviewed databases the Subject Site is *not* listed as a RCRA generator.
- According to the reviewed databases there are *no* adjoining facilities listed as a RCRA generator.
- There are *no* facilities located within a *one-mile radius* of the Site, listed as Corrective Action (CORRACT) TSD facilities.
- There are *no* facilities located within *one half-mile radius* of the Site listed as Non-CORRACTS TSD facilities.

### **5.1.2 Superfund Enterprise Management System (SEMS)**

The Superfund Enterprise Management System (SEMS) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL. The Superfund Enterprise Management System (SEMS-ARCHIVE) tracks sites that have no

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further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that based upon available information, the location is not judged to be potential NPL site.

A review of the Federal Facility and SEMS database revealed the following:

- The Site is *not* listed as a FEDERAL FACILITY or SEMS site.
- There are *no* facilities listed as a SEMS site *within a one-half mile radius* of the Subject Site.
- There are *no* facilities listed as FEDERAL FACILITY sites *within a one-half mile radius* of the subject site.
- There are *no* facilities listed as a SEMS-ARCHIVE site located *within a one-half mile radius* of the Subject Site.

### **5.1.3 National Priorities List (NPL)**

CERCLA established the NPL or federal superfund sites list. These are contaminated facilities to which the EPA has assigned a high ranking in terms of their potential health effects. The CERCLIS database also includes NPL sites. A review of the CERCLIS database indicated the following:

- The subject site is *not* on the NPL.
- There are *no* NPL sites located within a *one-mile radius* of the site.
- There are *no* delisted NPL sites located within a *one-half-mile radius* of the site.

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### **5.1.4 Emergency Response Notification System (ERNS)**

The ERNS is a list of hazardous material spills reported to various state and federal agencies. Our review of the ERNS report found that the subject property is *not* listed in the ERNS.

### **5.1.5 Petroleum Underground Storage Tanks (USTs) List**

Petroleum USTs are subject to regulation under RCRA Subtitle I, which is administered by the DNER. CES reviewed the DNER UST Program Inventory list as well as the Puerto Rico Planning Board webpage (<http://www.drna.pr.gov/otrora-jca/>) which provides spatial coordinates for UST facilities, included in the DNER Water Quality layer. The agency maintains a database for registered UST facilities and a database for facilities where releases have been reported.

A review of the DNER UST Registration List indicated the following:

- The subject site is *not* registered as an DNER UST facility.
- *No* adjoining facilities are listed as registered UST facilities.

The identification of the USTs facilities was based on the addresses included in the DNER UST List and our understanding of the general site area. USTs facilities that were listed with an incorrect or incomplete address might have not been able to be properly located.

### **5.1.6 Leaking Underground Storage Tanks (LUSTs) List**

The DNER LUST list identifies known releases and other information (i.e. closure report submittals, performance of integrity tests, etc.) by facility. CES utilizes information from the 2018 DNER USTs/LUSTs inventory (<http://www.drna.pr.gov/otrora-jca/>).

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A review of the DNER LUST list revealed that:

- The Subject Property is *not* listed in the LUST list.
- There are *no* LUST facilities listed located within a *one-half mile radius* of the site.

The identification of the LUSTs facilities was based on the addresses included in the DNER LUST List and our understanding of the general site area. LUSTs facilities that were listed with an incorrect or incomplete address might have not been able to be properly located.

### 5.1.7 Solid Waste Landfills

The PR SWMA has compiled a list of known active landfills on the island. Based upon this list and our site visit observations:

- There are *no* registered state landfill and/or solid waste disposal sites located *within a one half-mile radius* of the Site.
- *No* obvious signs of present landfill activity were observed at the Site.

### 5.1.8 Federal, State, and Tribal Institutional/Engineering Control Registries

The Federal, State and Tribal Institutional Control/Engineering Control Registries (ICECR) are registries of sites or facilities listed as having legal or physical restrictions or limitations on the use of, or access to the site or facility: (1) to reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil or ground water on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to *hazardous substances* and *petroleum products* in the soil or groundwater on the property.

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Our review of the EDR report indicates that at the time of the preparation of this report, the Subject Site was *not* listed in the Federal, State, and Tribal Institutional Control/Engineering Control Registries.

### **5.1.9 Facility Index System**

The Facility Index System (FINDS) contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Our review of the FINDS list indicates that the Subject Site *is not* listed in the FINDS.

### **5.1.10 Integrated Compliance Information System**

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program. However, ICIS is a secure system only available to EPA and state users. The public should use the Enforcement and Compliance History Online (ECHO). ECHO is a Web-based tool that provides public users with compliance monitoring and enforcement data.

Our review of the ECHO database indicates that at the time of the preparation of this report, the Subject Site was *not* listed.

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### **5.1.11 State and Tribal Brownfield Sites**

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on Brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions.

Our review of the US Brownfields sites database indicates that:

- The subject site is *not* listed in this database.
- There are *no* Brownfield sites located with *one-half mile radius* from the site.

## **5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES**

As required by the ASTM E1527-13 Standard if the property or any of the adjoining properties is identified on one or more of the standard environmental record sources, pertinent regulatory files and/or records associated with the listing should be reviewed. Neither the site or any adjoining properties are listed in the standard environmental record sources. However, to further investigate the potential listing of the Subject Site, CES reviewed information included in the EPA FRS. In addition, a Phase II report prepared by CES in August 2020, is included as part of this report.

Our review of this information is presented in the following sections.



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### **5.2.1 EPA Facility Registry Service (FRS)**

The EPA Facility Registry Service allows citizens to retrieve a list of facilities registered with EPA, by conducting a database search with user defined search criteria. EPA FRS is part of the EPA EnviroFacts database system, which is a single point of access to select U.S. EPA environmental data. The website provides access to several EPA databases to provide with information about environmental activities that may affect air, water, and land anywhere in the United States.

Our review of the EPA FRS report found that the Subject Property or any adjoining property are *not* listed in the FRS. The EPA FRS database reviewed for this report is included in *Appendix 6*.

### **5.2.2 Phase II Environmental Site Assessment**

A Phase II report was prepared by CES in August 2020 to assess areas of environmental concern associated with the historical use of the site. Based upon the results of the Phase I the historical use of the property, the septic tank serving the site and stained areas identified during our site reconnaissance were identified as areas that needed further investigation. The Phase II report is included in *Appendix 7*. In summary, the Phase II report indicates the following:

- The shallow geologic material encountered underlying the Subject Site consistently showed a layer of light brown silty sand material. The geologic material encountered at the Subject Site is, in general, consistent with the regional system described by the USGS.
- The groundwater table was not encountered during this assessment up to a depth of 8 ft-bgs. It is expected that the groundwater level at the site is expected to be deeper than 100 ft-bgs.
- The analytical results indicated that the detected TCL-VOCs, TCL-SVOCs, TPH-GRO/DRO/ORO and Priority Pollutant Metals constituents either did not exceed the comparison criteria or appeared to be associated with natural metals concentrations.

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Therefore, the historical use of the site *should not* represent an environmental concern for the Subject Site.

- However, what appears to be a limited impacted area with TPH-DRO was identified at the soils underlying the septic tank system. Site observations suggest that this septic tank served both the house and the shop area. Therefore, this septic tank is regulated under the DNER UIC Regulations. To determine if the detected TPH-DRO concentrations should be considered as a “*de minimis*” condition, further assessment should be conducted as part of the septic tank closure process.
- Based upon the results of the Phase II investigation, it is our opinion that other than properly closing the existing septic tank system, no additional site investigation or remedial activities are warranted for the Subject Site.

### 5.3 PHYSICAL SETTING SOURCES

According to the *Topographic Map of the Adjuntas Quadrangle*, the elevation at the Subject Site ranges from approximately 1,025 meters above mean sea level (MSL) at the southeastern portion to about to 780 m MSL at the northwestern portion of the property. The closest surface water body to the Subject Site is the Rio Grande de Arecibo located approximately 50 meters to the north of the Subject Site.

According to the Geologic Map of the Adjuntas Quadrangle, the Site shallow geology consists of Plutonic Rocks (TKg), grayish-white medium-grained quartz diorite and granodiorite, containing 1 to 3 mm laths of plagioclase that form generally intergranular texture with interstitial anhedral hornblende, biote, quartz, and potassium feldspar.

According to the Soil Survey of the Arecibo Area, Puerto Rico Northern Part, the Site soils are described as Pellejas clay loam, 40 to 60 percent slopes (PeF). This component is on ridges on mountain ranges, mountain slopes. The parent material consists of coarse textured residuum. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is moderately high. Available water to a

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depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. Non-irrigated land capability classification is 7e. This soil does not meet hydric criteria.

According to the Atlas of Ground-Water Resources in Puerto Rico and the US Virgin Islands, regional groundwater flow is generally from the interior of the island to the sea in the Arecibo-Manati region. Flow in the water-table aquifer is influenced by coastal wetlands, drainage canals, and the two major rivers that are deeply incised into the limestone. Ground water moves from the limestone units northward into the coastal plain alluvium, discharging from the alluvium into the rivers. Ground water also discharges as springs issuing from the limestone walls of the valleys or from the contact between limestone and alluvium on the valley floors. In the lower reach of the Rio Grande de Arecibo, the river losses water to the alluvial aquifer, and that water may discharge at springs in the Cano Tiburones.

According to "Principal aquifers of Puerto Rico and the U.S. Virgin Islands" by Robert A. Renken, January 11, 1998, U.S. Geological Survey, the Subject Site is not located overlying a productive aquifer system.

The groundwater flow direction was not determined during this assessment. Based on a review of surficial topography at the property and in the vicinity, and assuming that groundwater conditions are uniform, shallow groundwater in the vicinity of the site is expected to flow in a generally northward direction towards the Rio Grande de Arecibo. Based up the site topographic conditions the groundwater level at the site is expected to be deeper than 100 ft-bgs.

The depth and gradient of the water table likely varies seasonally with changes in precipitation and may change significantly over time in response to development, including impervious surfaces, storm water controls, and pumping wells (domestic, industrial or irrigation). Based upon our

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experience during other groundwater investigations conducted at similar areas in Puerto Rico, it is not uncommon to encounter perched or local groundwater conditions in which the groundwater flow direction may be different from the expected and regional groundwater flow direction.

According to the *Flood Insurance Rate Map*, Panel 1080 of 2160 (Map Numbers 72000C1080H) dated April 13, 2018, the Subject Property is located outside the 1% (100-year) and 0.2% (500-year) annual flood chance boundary.

According to the Puerto Rico Planning Board Zone Maps, the Subject Site area has not been classified.

### **5.4 HISTORICAL USE INFORMATION ON THE PROPERTY AND ADJOINING PROPERTIES**

Historical aerial photographs listed in *Section 2.2* of this report were reviewed to assess historical land usage of the Subject Site and adjoining areas. Our understanding of historical site uses was established primarily by a review of historical aerial photographs obtained from the PRHTA, USGS, and Google Earth® PRO, and the information provided by the Mr. Rene Torres (one of the heirs, former owner) representative. Aerial photographs for the decade of the 1940s and 1960s were not available from PRHTA. However, the 1946 and 1960 USGS topographic map of the Adjuntas Quadrangle were reviewed.

In the 1946 *Topographic Map*, no structures or landmarks are illustrated at the Subject Site. However, the power lines right of way are illustrated crossing the Site from south to north.

In the 1958 *photograph*, most of the Subject Site is observed undeveloped. However, what appears to be a small structure is observed at the central-northern portion. However, due to the limited resolution of the aerial photographs, no additional details can be further distinguished. Surrounding

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conditions appear to be undeveloped. Based upon the information provided by Mr. Rene Torres, it appears at this time the Subject Site was used for residential purposes.

In the 1960 (photo-revised 1977) *Topographic Map*, no structures or landmarks are illustrated at the Subject Site. The power lines right of way are illustrated crossing the Site from south to north. Based upon the information provided by Mr. Rene Torres, it appears at this time the Subject Site was used for residential purposes.

In the 1977 *photograph* the site and surrounding conditions appear very similar to those observed in the 1958 photograph. However, due to the limited resolution of the aerial photographs, no additional details can be further distinguished. Surrounding conditions appear to be undeveloped. Based upon the information provided by Mr. Rene Torres, it appears at this time the Subject Site was used for residential purposes.

In the 1982 *photograph* a small structure is observed at the southern portion of the Subject Site. Other than this, site and surrounding conditions appear very similar to those observed in the 1977 photograph. However, due to the limited resolution of the aerial photographs, no additional details can be further distinguished. Surrounding conditions appear to be undeveloped. Based upon the information provided by Mr. Rene Torres, it appears at this time the Subject Site was used for residential purposes.

In the 1993 *Google Earth®* photograph, the Subject Site structures are clearly observed constructed. Surrounding conditions appear very similar to those observed in the 1982 photograph. Based upon the information provided by Mr. Rene Torres, it appears at this time the Subject Site was used for residential purposes and as a vehicle mechanical shop.

In the 2004 *Google Earth®* photograph the site and surrounding conditions appear very similar to those observed in the 1993 photograph, except that vegetation clearance has been conducted near

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the structures. A paved open area is observed. Based upon the information provided by Mr. Rene Torres, it appears at this time the Subject Site was used for residential purposes and as a vehicle mechanical shop.

In the 2009 *Google Earth*® photograph the site and surrounding conditions appear very similar to those observed in the 2004 photograph. Based upon the information provided by Mr. Rene Torres, it appears at this time the Subject Site was used for residential purposes and as a vehicle mechanical shop.

In the 2014 *Google Earth*® photograph site and surrounding conditions are similar to those observed in the 2009 photograph. At this time, the Subject Site appears to have been vacated.

In the 2020 *Google Earth*® aerial photograph, the structures are no longer observed and have been covered with thick vegetations. Surrounding conditions are similar to those observed at the time of the site visit. At this time, the Subject Site appears to have been vacated.

In summary, the historical records available to CES indicate that the Subject Site was initially developed before 1958. Based upon the information provide to us by Mr. Rene Torres and the information obtained from the appraisal report, the Subject Property was used for as heavy vehicle mechanical work shop and residential purposes for many years.

We note that although there are gaps of greater than 5 years in the historical review of the subject site, during those gaps the subject property appears unchanged. Therefore, we understand that this gap *should not* represent a significant concern or gap for the Subject Site.

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### **5.5 FIRE DEPARTMENT FILES REVIEW**

In Puerto Rico, the DNER is the state agency that holds records regarding fuel tanks, hazardous materials, incidents, spills, violations or petroleum/chemical releases that can represent potential environmental concerns. Other departments, such as the Fire and Police departments, Planning Department and others typically do not contain information that are associated with environmental concerns that could be of use for the preparation of the Phase I report. According to the *Cuerpo de Bomberos de PR* (PR Fire Department) this agency does not maintain a digital record of environmental emergencies for individual facilities. They maintain a record of emergencies and activities that they conduct based on the date of occurrence of the incident. They do not keep records that would make reference to the location of the properties or the geographic area where the properties are located. Therefore, for purpose of the preparation of this Phase I such records are considered not practically reviewable.

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### **6.0 SITE RECONNAISSANCE**

#### **6.1 METHODOLOGY AND LIMITING CONDITIONS**

A visual reconnaissance visit of the Subject Site and surrounding areas was performed by CES personnel on July 6, 2020. The method used to observe the Subject Property consisted on walking within the property limits. Site settings and conditions were documented with photographs, as appropriate. We note that during the site visit, we could not access all the entire property since it was covered by heavy vegetation and located on very steep slopes.

#### **6.2 GENERAL SITE SETTING**

At the time of CES visit, the Subject Site was observed to consist mostly of undeveloped lands and abandoned structures. Additional information and description of the Site's setting, characteristics, uses, and improvements are included in *Sections 3.2* of this report. A Site Sketch, showing the Site's features, general settings, and surroundings is provided as *Appendix 2*.

#### **6.3 EXTERIOR AND INTERIOR OBSERVATIONS**

The following sections describe observations made by CES personnel during the Site reconnaissance.

##### **6.3.1 Potable Water and Wastewater**

At the time of the site reconnaissance no potable water infrastructure was observed. At the time of the site visit, no waste waters were being generated. Based upon the information provided by Mr. Torres, the waste water generated in the past included domestic and waste waters generated at the mechanical shop. A septic tank system was observed near the residential structure, *see Section 6.3.8*.



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**6.3.2 Toxic Substances**

**6.3.2.1 Polychlorinated Biphenyl's**

Prior to the 1979, PCBs entered the environment during their manufacture and use in the United States. Today PCBs can still be released into the environment from poorly maintained hazardous waste sites that contain PCBs, illegal or improper dumping of PCB wastes, leaks or releases from electrical transformers and hydraulic equipment containing PCBs and hydraulic equipment, and disposal of PCB-containing consumer products into municipal or other landfills not designed to handle hazardous waste. PCBs may also be released into the environment by the burning of some wastes in municipal and industrial incinerators.

No suspect PCB-containing equipment were identified during the site visit.

**6.3.3 Non-Hazardous Solid Wastes**

Other than a junked vehicle (*Photograph 11*), no other solid wastes accumulation or generation were observed.

**6.3.4 Hazardous Wastes**

At the time of our site reconnaissance we did *not* observe the generation or storage of hazardous waste at the Subject Property.

**6.3.5 Aboveground Storage Tanks (ASTs)**

At the time of the site reconnaissance no ASTs were observed at the Subject Site.

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**6.3.6 Underground Storage Tanks (USTs)**

No visual evidence of USTs was identified on the Subject Property during the site reconnaissance. According to Mr. Torres, no USTs were located at the Subject Site.

**6.3.7 Air Emission Sources**

At the time of the site reconnaissance no Air Emission Sources were observed at the Subject Site.

**6.3.8 Underground Injection Control (UIC) Units**

A tank system was identified near the residential structure (*Photograph 12*). No liquids or sludge were observed inside the septic tank system. Site observations suggest that this septic tank served both the house and the shop area.

**6.3.9 Drums**

At the time of the site reconnaissance no Drums were observed at the Subject Site.

**6.3.10 Containers with Chemicals, Petroleum and Unknown Products**

At the time of the site reconnaissance no Containers with Chemicals, Petroleum and Unknown Products were observed at the Subject Site.

**6.3.11 Sumps/Pools of Liquid**

At the time of the site reconnaissance no Sumps/Pools of Liquid were observed at the Subject Site.

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**6.3.12 Odors**

At the time of the site reconnaissance, *no* suspect or foul odors were perceived at the Subject Site during the site reconnaissance.

**6.3.13 Areas of Stained Floor, Vegetation, Concrete Floor and/or Pavement & Suspect PVC Pipe**

At the time of the site reconnaissance, two areas of stained ground surfaces were observed near the former mechanical shop (*Photograph 13* and *14*) and one stained ground surface area was observed near the concrete floor (*Photograph 15*). In addition, a Suspect PVC Pipe discharging into the ground surface was observed coming from the former mechanical shop (*Photograph 16*).

**6.3.14 Pits, Ponds, and Lagoons**

At the time of the site reconnaissance, CES *did not* observed any pits, ponds or lagoons at the Site.

**6.3.15 Stains or Corrosion**

*No* areas of stained floor or suspect corrosion were observed.

**6.3.16 Wells**

At the time of the site reconnaissance, CES *did not* observed any wells at the Subject Site.

**6.3.17 Historic vehicle mechanical activities.**

The available historical data indicate that the subject site was used for heavy mechanical activities for a very long time. Based upon our professional experience, it is common that these types of

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facilities generate used oil and other petroleum products wastes and also could generated hazardous wastes as a result of their operations. In addition, during our site suspect stained areas were observed at the ground surface.

It is uncertain how the management of these wastes was conducted at the Subject Site, including if these were discharged into the septic tank or into the ground surface. In addition, based upon our experience it is typical that these facilities do not implement adequate housekeeping procedures and poor management of petroleum products and potential hazardous substances such as solvents is typically inadequate.

### **6.3.18 Heating/Cooling**

The climate of Puerto Rico falls into the tropical climatic zone. Temperatures are moderate year-round, averaging near 80 °F (27 °C) in lower elevations and 70 °F (21 °C) in the mountains, for this reason no heating of the buildings is required. Cooling is typically provided by electrical cooling systems that do not require fuel (oil/gas) sources that may have been stored in aboveground or underground storage tanks.

## **6.4 NON-SCOPE CONSIDERATIONS**

No considerations outside the scope of the ASTM 1527-13 practice and the AAI Standards were assessed as part of this Phase I.

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### **7.0 INTERVIEWS**

#### **7.1 INTERVIEW WITH OWNER**

At the time of this report preparation, no contact information has been provided to us for any of the owners. It is our understanding that the property owners were not available for interview.

#### **7.2 INTERVIEW WITH SITE MANAGER**

Same as *Section 7.1*.

#### **7.3 INTERVIEW WITH SITE OCCUPANTS**

The property was vacant at the time of the Phase I report preparation.

#### **7.4 INTERVIEW WITH GOVERNMENT OFFICIALS**

On June 10, 2020, CES submitted a letter to the DNER Superfund and Emergency Response Program inquiring on spills or environmental emergencies reported for the Site, or assessments conducted at the Site or nearby areas. At the time this report was written no response from the DNER had been received.

#### **7.5 INTERVIEW WITH OTHERS**

We were able to interview Mr. Rene Torres (one of the heirs, former owner). Mr. Torres has known the Subject Property all his life. Based upon the information provided to us by Mr. Torres the Subject Property was used for as vehicle heavy mechanical work shop and residential purposes for many years. Additional information provide by Mr. Torres is included in this report as appropriate.

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In addition, Mr. Orlando García (digger operator who was in charge of providing access), has also known the property for a very long time, provided information regarding former mechanical shop and septic tank system location.

No other persons were interview during the preparation of the Phase I.

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### 8.0 FINDINGS AND OPINIONS

Based on the findings of our Phase I of the subject property, we offer the following comments and opinions relative to potential environmental concerns:

#### 8.1 ON-SITE FINDINGS

- **Historic vehicle mechanical activities, Areas of Stained Floor, & Suspect PVC Pipe**

The available historical data indicate that the subject site was used for heavy mechanical activities for a very long time. Based upon our professional experience, it is common that these types of facilities generate used oil and other petroleum products wastes and also could generate hazardous wastes as a result of their operations. In addition, during our site suspect stained areas and a suspect PVC pipe discharging into the ground were observed at the ground surface.

It is uncertain how the management of these wastes was conducted at the Subject Site, including if these were discharged into the septic tank or into the ground surface. In addition, based upon our experience it is typical that these facilities do not implement adequate housekeeping procedures and poor management of petroleum products and potential hazardous substances such as solvents is typically inadequate.

Based upon the information collected for the Phase I investigation the historical use of the property, the observed stained areas and the suspect PVC pipe discharge were identified as potential RECs for the site. These potential RECs were further assessed as part of the Phase II activities conducted by CES in August 2020 and included as **Appendix 7**, to this report. As a result of the Phase II activities, no soils impacted with TCL-VOCS, TCL-SVOCs, TPH, or Metals were identified at these areas. Therefore, the historical use of the site for heavy mechanical activities, the observed stained areas and the suspect PVC pipe discharge, **should not** represent a REC for the Subject Site.

- **Non-Hazardous Solid Wastes**

Other than a junked vehicle, no other solid wastes accumulation or generation were observed. The presence of this vehicle **should not** represent a REC for the Subject Site.

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- **Underground Injection Control (UIC) Units**

A tank system was identified near the residential structure. Site observations suggest that this septic tank served both the residential house and the auto shop. According to the DNER UIC Regulations septic tanks in commercial facilities are subject to the regulation. No liquids or sludge were observed inside the septic tank system. However, the potential discharge of regulated substances into the septic tank was initially identified in the Phase I as a potential REC.

This potential REC was further assessed as part of the Phase II activities conducted by CES in August 2020. As a result of these Phase II activities, no soils impacted with TCL-VOCS, TCL-SVOCs, TPH-ORO, TPH-GRO, or Metals were identified at the septic tank area.

However, what appears to be a limited impacted area with TPH-DRO was identified at the soils underlying the septic tank system. To determine if this should be considered as a “de minimis” condition, further assessment should be conducted as part of the septic tank closure process. Therefore, until this is further assessed, the potential impacted soils with TPH-DRO underlying the septic tank system *should be considered as a REC* for the Subject Site.

## 8.2 OFF-SITE FINDINGS

No off-site findings were encountered during this Phase I.

## 8.3 VAPOR MIGRATION

CES reviewed reasonably ascertainable information for the Subject Site and nearby properties limited to the standard environmental record sources discussed in *Section 5.1* of this report, for nearby release sites, and/or historical documentation, to determine if potential vapor-phase migration concerns may be present and could impact the Subject Property.

Based on the review of available resources as documented in this report, CES *did not* identify a REC associated to a vapor-phase migration.



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### **9.0 DATA GAPS**

According to the ASTM E1527-13, a *data gap* is defined as a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance and interviews.

During the preparation of this Phase I report, no data gaps were identified, except for the following;

- **Interview with Government Officials** - On June 10, 2020 CES submitted a letter to the DNER inquiring on spills or environmental emergencies reported for the Sites, or assessments conducted at the Sites or nearby areas. At the time this report was written no response from the DNER had been received.

The ASTM E1527 Standard indicates that the environmental professional is required to review only record information that is obtainable from its source within reasonable time (20 calendar days). Therefore, since at the time this report was written no response from the DNER had been received, this is considered as not Reasonably Ascertainable.

We understand that additional information provided by the DNER in response to this letter would not change significantly the opinions and conclusions included in this Phase I report. However, CES reserves the right to change or modified this report as needed based upon any additional information provided by the DNER.

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### **10.0 CONCLUSIONS**

We have performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E1527-13 of the 44,843.4582 square meters (m<sup>2</sup>) (11.41 “cuerdas”) parcel located within the Guaónico Ward of the Utuado Municipality in Puerto Rico, formerly owned by the Ruperto Torres Villanueva heirs. Presently the parcel consists mostly of undeveloped lands covered with heavy vegetation and abandoned structures. Reportedly, the parcel was previously used as vehicle mechanical shop. Any exceptions to, or deletions from, this practice are described in *Section 2.4* of this report.

This Phase I ESA has revealed no evidence of recognized environmental conditions (RECs) in connection with the Subject Property, except for the following:

- **Underground Injection Control (UIC) Units**

A tank system was identified near the residential structure. Site observations suggest that this septic tank served both the residential house and the auto shop. According to the DNER UIC Regulations septic tanks in commercial facilities are subject to the regulation. No liquids or sludge were observed inside the septic tank system. However, the potential discharge of regulated substances into the septic tank was initially identified in the Phase I as a potential REC.

This potential REC was further assessed as part of the Phase II activities conducted by CES in August 2020. As a result of these Phase II activities, no soils impacted with TCL-VOCS, TCL-SVOCs, TPH-ORO, TPH-GRO, or Metals were identified at the septic tank area.

However, what appears to be a limited impacted area with TPH-DRO was identified at the soils underlying the septic tank system. To determine if this should be considered as a “de minimis” condition, further assessment should be conducted as part of the septic tank closure process. Therefore, until this is further assessed, the potential impacted soils with TPH-DRO underlying the septic tank system *should be considered as a REC* for the Subject Site.

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Former Mechanical Shop  
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Guaónico Ward  
Utuaado, Puerto Rico  
CES Project No. 20-0008*

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In compliance with §312.31 (b) of the AAI final rule and §12.6.1 of the ASTM E1527-13, it is our opinion that additional appropriate investigation will be required to confirm the presence of petroleum products and/or hazardous substances associated with the abovementioned REC.

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**11.0 DEVIATIONS**

This Phase I was prepared in conformance with the scope and limitations of ASTM E1527-13 Standard Practice for Environmental Site Assessments. It is CES opinion that no significant deviations have occurred from ASTM E1527-13 Standard. Limitations and exceptions to our scope of services were discussed in *Section 2.4* of this report.

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**12.0 ADDITIONAL SERVICES**

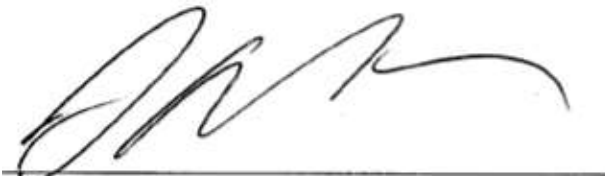
Our scope of services for this Phase I, as well as limitations and exceptions, are included in *Sections 2.2 and 2.4* of this report.

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**13.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL**

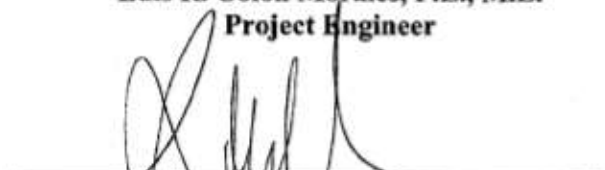
The following personnel have prepared and/or reviewed this report for accuracy, content, and quality of presentation.

*I declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in §312.10 of 40 CFR 312, and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.*



---

**Luis R. Colon Morales, P.E., M.E.**  
**Project Engineer**



---

**Raúl Colón, P.E., P.H.**  
**Principal**

August 11, 2020

**Date**

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**14.0 QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONAL(S)**

The Phase I assessment was performed by CES personnel experienced in these types of services. The site visits, documentation review, personnel interviews, and report preparation were performed by Eng. Luis R. Colón Morales. Eng. Colón Morales is a Professional Engineer with more than 12 years in the environmental field. In accordance with CES quality assurance protocols the Phase I report was revised by Eng. Raúl Colón to comply with CES QA/QC Corporate policies. Mr. Colón also participated in the site visit to the property. Mr. Colón is a licensed professional engineer with more than 40 years of environmental work experience.

The resumes of Eng. Colón Morales and Eng. Colón are provided in *Appendix 8* of this report.

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**15.0 REFERENCES**

*Topographic map of the Adjuntas Quadrangle by U.S. Geological Survey, 2018.*

*Topographic map of the Adjuntas Quadrangle by U.S. Geological Survey, 1960 (Photo-inspected 1977).*

*Topographic Map of the Adjuntas Quadrangle (1946) U.S. Geological Survey*

*Geologic map of the Adjuntas Quadrangle, by Peter H. Mattson, 1968, U.S. Geological Survey*

*Soil Survey Map of the Arecibo Area, Puerto Rico Northern Part Survey Area Data: Version 13, Sep 16, 2019, by the U.S. Department of Agriculture Soil Conservation Survey.*

*Flood Insurance Rate Maps, Panel 1080 of 2160 (Map Number 72000C1080H), by the Federal Emergency Management Agency (FEMA). Effective date April 13, 2018.*

*Atlas of Ground-Water Resources in Puerto Rico and the US Virgin Islands. 1996. U.S. Geological Survey. Water Resources Investigations Report 94-4198.*

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<https://www3.epa.gov/enviro/facts/rcrainfo/search.html>

<https://www.epa.gov/superfund/superfund-national-priorities-list-npl>

<https://www.epa.gov/enviro/frs-query-page>

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<http://www.jca.gobierno.pr/>

<https://www.epa.gov/superfund/superfund-data-and-reports>

<http://www.ads.pr.gov/>



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*USGS Open file report 93-292-K Geologic Radon Potential of Guam and Puerto Rico*

*"Review of Quantitative Surveys of the Length and Stability of MTBE, TBA, and Benzene Plumes in Groundwater at UST Sites" by John A. Connor, Roopa Kamath, Kenneth L. Walker, and Thomas E. McHugh published in the NGWA Vol. 53, No. 2-Groundwater-March-April 2015*

<https://totalcommercial.com/listings/43448?theme%5Borg%5D=101&where%5Borg.id%5D=101&territory=41>

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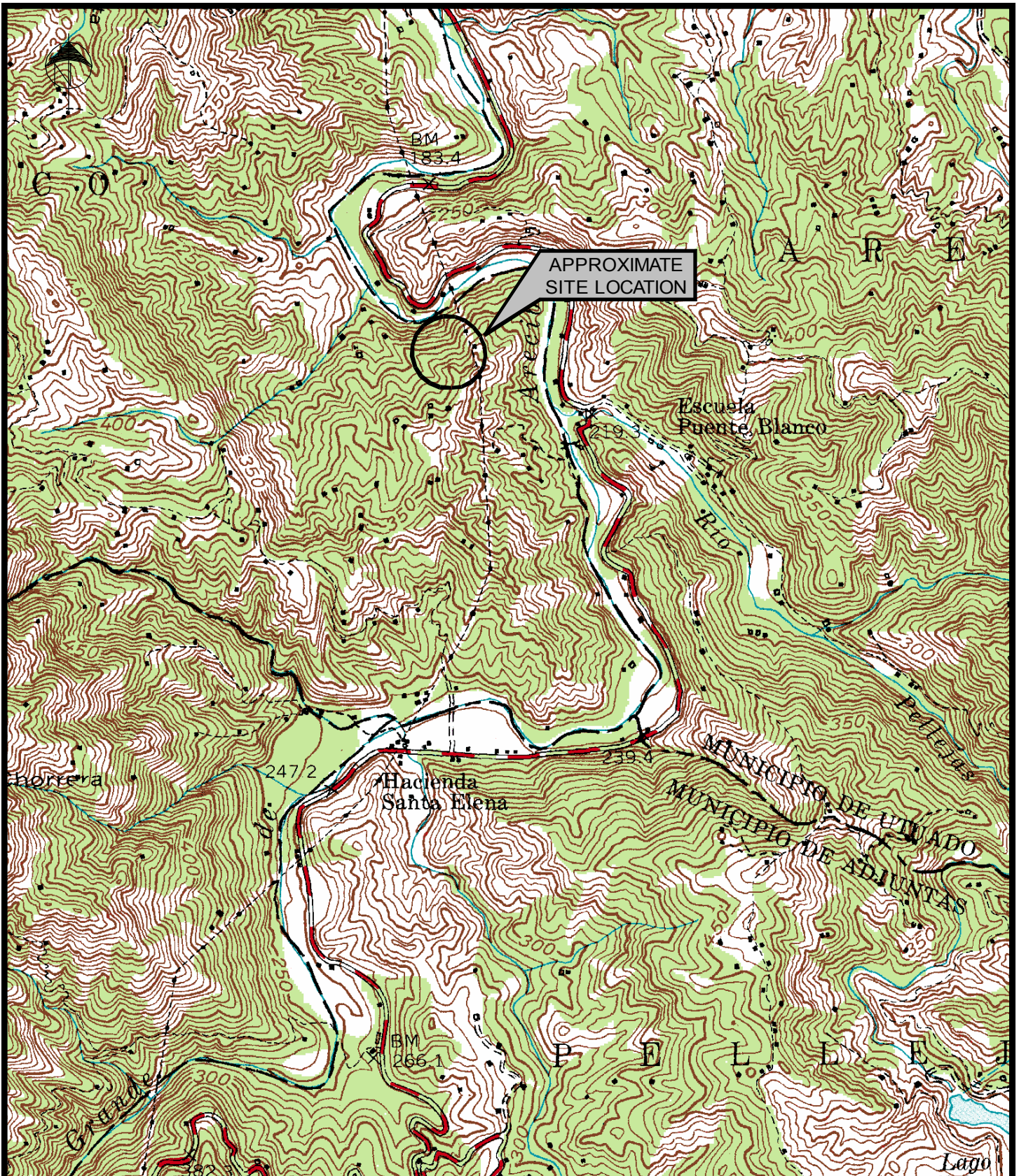
## **16.0 APPENDICES**

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**APPENDIX 1**

**SITE VICINITY MAP**



SOURCE: USGS 7.5 MIN. TOPOGRAPHIC MAP OF ADJUNTAS QUADRANGLE 1977 (PHOTOREVISED 1982)

SCALE: 1:20,000



WORK AND SAMPLING PLAN  
 LIMITED PHASE II DETECTION LEVEL  
 ASSESSMENT ACTIVITIES  
 FORMER MECHANICAL SHOP  
 PR-10 (UTUADO ADJUNTAS)  
 PROJECT - AC - 10069  
 GUADNICO WARD  
 UTUADO, PUERTO RICO

SITE VICINITY MAP

PROJECT  
 NO. 20-0008

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**APPENDIX 2  
SITE SKETCH**



**LEGEND:**

-  APPROXIMATE PROPERTY LIMITS INCLUDED IN PHASE I ESA
-  PHOTOGRAPH NUMBER AND ORIENTATION
-  FORMER RESIDENTIAL STRUCTURE
-  FORMER MECHANICAL SHOP AREA
-  SEPTIC TANK SYSTEM
-  STAINED AREA
-  PVC PIPE DISCHARGING INTO GROUND
-  JUNKED VEHICLE



SOURCE: GOOGLE AERIAL PHOTOGRAPH DATED OCTOBER 11, 2019, AND SITE VISIT CONDUCTED BY CES PERSONNEL ON JULY 6, 2020

ALL LOCATIONS ARE APPROXIMATE AND ARE ACCOMMODATED TO FIT THIS FIGURE



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT  
 FORMER MECHANICAL SHOP  
 PR-10 (UTUADO ADJUNTAS)  
 PROJECT - AC-100069  
 GUAÓNICO WARD

UTUADO, PUERTO RICO

SITE SKETCH

PROJECT NO. 20-0008

APPENDIX 2

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### **APPENDIX 3**

### **SITE PHOTOGRAPHS**



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Photograph 1: Aerial view of former mechanical shop and residential buildings.



Photograph 2: Aerial view of Subject Site northern portion.



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Photograph 3: Aerial view of Subject Site central and southeastern portion.



Photograph 4: Aerial view of Subject Site southern portion.

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Photograph 5: Aerial view of Subject Site northwestern portion.



Photograph 6: Aerial view of Subject Site western portion.



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Photograph 7: Partial view of Subject Site access road.



Photograph 8: Partial view of paved concrete slab floor the former residential and mechanical shop.

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Photograph 9: Partial view of former residential building.



Photograph 10: Partial view of former mechanical shop.



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Photograph 11: Junked Vehicle.



Photograph 12: Empty septic tank system.

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Photograph 13: Stained ground surface.



Photograph 14: Stained ground surface.



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Photograph 15: Stained ground surface.



Photograph 16: PVC pipe discharging into ground surface.

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**APPENDIX 4**

**SELECTED PORTIONS OF THE EXPROPIATION PROPERTY DEED  
AND APPRISAL REPORT**



1069

102-01

Estado Libre Asociado de Puerto Rico  
Tribunal de Primera Instancia  
Centro Judicial de San Juan  
Sala de San Juan

La Autoridad de Carreteras y  
Transportación de Puerto Rico  
representada por el Honorable  
Secretario de Transportación y  
Obras Públicas

Peticionaria

vs.

Adquisición de 44,843.4582 metros  
cuadrados, equivalentes a 11.4094  
cuerdas radicados en el Barrio  
Arenas del término municipal de  
Utua, Puerto Rico

y:

**SUCN. RUPERTO TORRES  
VILLANUEVA Y OTROS**

John Doe y Richard Roe  
Partes con Interés

Caso Núm.: KEF-2015-0087  
Sala 100 2

**SOBRE:**

Expropiación Forzosa

SEC. CIVIL INSEP-15PH0234

REMOVE DOCUMENT ALONG THIS PERFORATION

THIS DOCUMENT IS PRINTED IN TWO COLORS. DO NOT ACCEPT UNLESS BLUE AND BROWN ARE PRESENT.

carreteras **FONDO CONSTRUCCION**

FECHA: 03 SEP 2015 CREGUE #: 157043

CANTIDAD PAGADA: \$ 180,200.00

PAGUESE *One Hundred Eighty thousand Two Hundred and NO/100 Dollars*

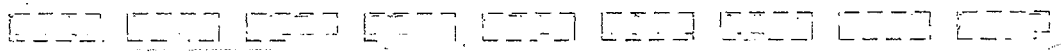
A LA ORDEN DE SECRETARIO TRIBUNAL DE SAN JUAN

00014 BGF P.O. Box 42001 San Juan, P.R. 00940-2001

VALID ONLY WITH TWO SIGNATURES VOID AFTER SIX MONTHS

*Clas. Gaudin*

⑈0057043⑈ ⑆021502118⑆ 2510235⑈9⑈



Ad

ESTADO LIBRE ASOCIADO DE PUERTO RICO  
TRIBUNAL DE PRIMERA INSTANCIA  
CENTRO JUDICIAL DE SAN JUAN  
SALA SUPERIOR

EXHIBIT "A"

Relación de la descripción de las propiedades a expropiarse, de la justa compensación a consignarse y de las personas y/o entidades con interés en este procedimiento.

**Parcela: 102-01**

**COD. NUM.: 214-000-008-01**

**Rústica:** Parcela de terreno radicada en el Barrio Arenas, del término Municipal de Utuado, Puerto Rico, con una cabida superficial de 44,843.4582 metros cuadrados, equivalentes a 11.4094 cuerdas, según mensura realizada por la Autoridad de Carreteras y Transportación, evidenciada en el Plano de Adquisición. En lindes por el **Norte**; con parcela 100-01 y parcela 101-01 a ser adquirida; por el **Sur**, con parcela 134-01 a ser adquirida y parcela 103-01 a ser adquirida; por el **Este**, con parcela 103-01 a ser adquirida; por el **Oeste**, con Río Grande de Arecibo.

La predescrita parcela se segrega de la finca 7765, Folio 116 del Tomo 237 del municipio de Utuado, inscripción 9na.

**PARTES O ENTIDADES CON INTERES**

	COMPENSACIÓN
Parcela 102-01 (Terreno)	\$ 72,600.00
Residencia I (demolida)	\$ 30,900.00
Residencia II	\$ 30,300.00
Taller	<u>\$ 46,400.00</u>
Total	\$180,200.00

**RUPERTO TORRES VILLANUEVA**

(Dueño del 50% de la propiedad, hoy su sucesión)

Compuesta por:

1. Luis Alberto Torres Quiñones, quien falleció teniendo una hija llamada Rosa Clay, quien también falleció dejando dos hijos, cuyos nombres se desconocen. Dirección física y postal conocida de Rosa Clay es:

Metrose Park I  
Chicago Illinois, 60164

2. José Antonio Torres Quiñones  
(Repudió la herencia mediante Escritura Número 2 de 8 de agosto de 1991)

Dirección física:  
Carretera 123  
Sector Arena  
Bo. Chorrera, Utuado

Dirección postal:  
HC-4 Box 9836  
Utuado, PR 00641

3. Esmildo Torres Quiñones  
(Vendió, cedió y traspasó su participación a Miguel Torres Rivera mediante Escritura Número 2 de 8 de agosto de 1991)

Dirección física y postal:  
310 Seaball Avenue  
SW Palm Bay, Florida 32908

4. Esther Torres Quiñones  
(Vendió, cedió y traspasó su participación a favor de Miguel Torres Rivera mediante escritura 12 de 2 de marzo de 2002)

Dirección física:  
Carretera 123  
Sector Puente Blanco  
Bo. Salto Arriba Bañadero  
Utuaó, PR 00641

Dirección postal:  
HC-04 Box 9564  
Utuaó, PR 00641

5. Adanivia Torres Quiñones  
(Vendió, cedió y traspasó su participación a favor de Miguel Torres Rivera mediante escritura 12 de 2 de marzo de 2002)

Dirección física y postal:  
9746 Deckers Avenue  
Melrose Park  
Illinois 60164

6. Miguel Torres Rivera

Dirección física: Tel. (787) 894-3727  
San Martín E-10  
Utuaó, PR 00641

Dirección postal:  
Apartado 268,  
Utuaó, PR 00641

7. Mercedes Torres Rivera  
(Vendió, cedió y traspasó y enajena su participación a favor de Miguel Torres Rivera mediante escritura 12 de 2 de marzo de 2002)

Dirección física y postal: Tel. (787) 236-5758  
Calle 2-N 38  
Mirador de Bairoa  
Caguas, PR 00727

8. Héctor Torres Rivera  
(Vendió, cedió y traspasó su participación a favor de Miguel Torres Rivera mediante escritura 12 de 2 de marzo de 2002)

Dirección física: Tel. (787) 312-1944  
Bo. Arenas, Sector Chorreras  
PR-123, Km. 40.0  
Utuaó, PR 00641

Dirección postal:  
Apartado #268  
Utuaado, PR 00641

9. René Torres Rivera  
(Vendió, cedió y traspasó su participación a favor de Miguel Torres Rivera mediante escritura 12 de 2 de marzo de 2002)

Dirección física:  
Bo. Puente Blanco  
Sector Chorrera Km. 46  
Utuaado, PR 00641  
(al lado del centro comercial)

Dirección postal:  
Apartado 268  
Utuaado, Puerto Rico 00641

10. Agustín Torres Quiñones,  
Hoy su sucesión compuesta por:

a. Maribel Torres Robles

Dirección física y postal:  
Calle Mayor Canteras  
Quénepo 9  
Ponce, PR 00716

b. Sonia Noemí Torres Robles

Dirección física y postal:  
Calle Mayor Canteras  
Quenepo 9  
Ponce, PR 00716

c. José Antonio Torres Robles

Dirección física y postal:  
Calle Mayor Canteras  
Quenepo 9  
Ponce, PR 00716

11. Librada Blanco  
(Dueña del 50% de la propiedad y en la cuota usufructuaria viudal en el 50% del causante Ruperto Torres Villanueva)

Dirección física:  
Bo. Puente Blanco  
PR-123, Km.48  
Utuaado, PR 00641

Tel. (787) 894-3227

Dirección postal:  
Apartado #206  
Utuaado, PR 00641

**Cargas y/o gravámenes:**

1. Servidumbre de paso de línea de transmisión de energía eléctrica, propiedad de la Autoridad de Energía Eléctrica, a favor de la Autoridad de Fuentes Fluviales, hoy Autoridad de Energía Eléctrica.
2. Derecho de Usufructo viudal a favor de Librada Rivera Maldonado.

3. El Estado Libre Asociado de Puerto Rico por concepto de las contribuciones territoriales que se adeuden.
4. John Doe y Richard Roe, nombres ficticios que se emplean para designar cualquier persona y/o entidades desconocidas con posible interés en esta acción.

**FINALIDAD DE LA EXPROPIACION:  
PROYECTO ACT- 100069  
HIGWAY PR-10  
DESDE UTUADO A ADJUNTAS  
SECCION II  
PROYECTO FEDERAL # LP-10 (63)**



*DESCRIPCION DE LA PROPIEDAD*

*OBJETO DE TASACION*

## **DESCRIPCIÓN DE LA PROPIEDAD (FINCA PRINCIPAL)**

### **DESCRIPCIÓN LEGAL:**

RUSTICA: Parcela de terreno o Granja Agrícola marcada con el #68 del plano de la División de Hogares Seguros, titulados "Proyecto de Granjas Agrícolas para Arrendar a Trabajadores Agrícolas con Derecho a Propiedad" , radicada en el Barrio Arenas de Utuado, con una cabida superficial de 11.58 cuerdas equivalentes a 4 hectáreas, 56 áreas, 5178 milésimas de centiáreas y colindando por el NORTE, con terrenos de Arsenio L Arpin, la parcela #67 y terrenos de Ramón Crespo; por el SUR, con la parcela #69, una quebrada y la parcela "B" de Evangelista Rivera; y por el ESTE, en la parcela #69; y por el OESTE, con la parcela #113 y una quebrada.

### **TRACTO**

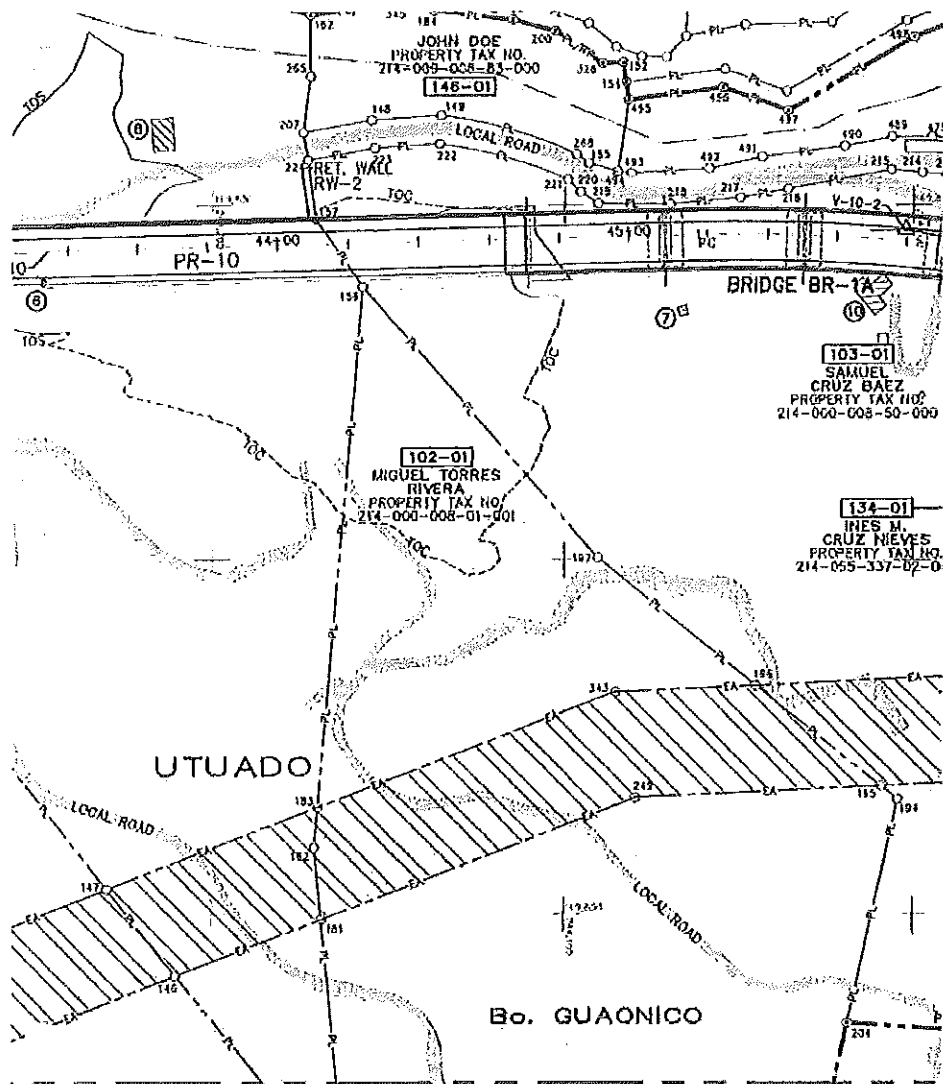
Inscrita al folio 198, del tomo 181 de Utuado, como la finca 7,765 de Utuado. La Certificación Registral suministrada indica inscripción al Folio 116 del Tomo 297 de Utuado

### **HISTORIAL DE TITULO**

A) Nombre del Dueño	Sucn. Ruperto Torres Villanueva compuesta por Luis Alberto, José Antonio, Esmildo, Esther y Adanivia de apellidos Torres Quiñones; Miguel, Mercedes, Héctor Luis y René de apellidos Torres Rivera y Maribel, Sonia, Noemí y José Antonio de apellidos Torres Robles, quienes adquieren por herencia de Ruperto Torres Villanueva, fallecido el 30 de junio de 1993, dado en el caso civil CS-88-1406, seguido en el Tribunal Superior de Puerto Rico, Sala de Utuado, con un valor de \$20,000.00 sujeto a la cuota viudal usufructuaria que determina la Ley a favor de la viuda, Librada Rivera Maldonado, inscrita al folio 119 vto., del tomo 237 de Utuado, finca No. 7,765 inscripción 9ª.
B) Fecha de Última Compraventa	N/A
C) Precio de Venta	N/A
D) Otras Observaciones si Alguna	N/A



# PLANO DE ADQUISICIÓN



Parcela 102-01  
Sucn. Ruperto Torres Villanueva

PARCEL NO. 102-01 (TO BE ACQUIRED)			OWNER: MIGUEL TORRES RIVERA		
POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE	DESCRIPTION
156			244,157.3846	169,777.0142	EXIST CORNER FENCE TO BE REMOVED
	S48° 44' 24"W	101.588			
197			244,090.3901	169,700.6482	EXIST CORNER FENCE TO BE REMOVED
	S38° 16' 05"W	58.033			
196			244,044.8477	169,664.8793	EXIST CORNER FENCE TO BE REMOVED
	S38° 18' 05"W	45.702			
195			244,008.9822	169,636.3531	EXIST CORNER FENCE TO BE REMOVED
	S38° 18' 05"W	6.177			
194			244,004.1344	169,632.5244	EXIST CORNER FENCE TO BE REMOVED
	N77° 21' 03"W	64.843			
204			244,018.3336	169,569.2552	NEW CORNER FENCE TO BE ESTABLISHED
	N77° 19' 56"W	109.711			
193			244,042.3930	169,462.2147	NEW CORNER FENCE TO BE ESTABLISHED
	N36° 51' 05"W	13.909			
192			244,053.5228	169,453.8730	NEW CORNER FENCE TO BE ESTABLISHED
	N81° 51' 52"W	44.239			
191			244,059.7832	169,410.0791	NEW CORNER FENCE TO BE ESTABLISHED
	N70° 11' 20"W	55.415			
190			244,078.5647	169,357.9435	NEW CORNER FENCE TO BE ESTABLISHED
	N11° 18' 09"W	35.468			
189			244,113.3452	169,350.9920	NEW CORNER FENCE TO BE ESTABLISHED
	N46° 31' 44"E	18.199			
188			244,125.8682	169,364.1997	NEW CORNER FENCE TO BE ESTABLISHED
	N11° 18' 09"W	17.734			
187			244,143.2564	169,360.7240	NEW CORNER FENCE TO BE ESTABLISHED
	N60° 14' 27"E	60.168			
142			244,173.1212	169,412.9574	NEW CORNER FENCE TO BE ESTABLISHED
	S41° 28' 38"E	6.984			
143			244,167.8889	169,417.5829	EXIST CORNER FENCE TO BE REMOVED
	S41° 28' 38"E	20.321			
144			244,152.6637	169,431.0423	EXIST CORNER FENCE TO BE REMOVE
	N84° 29' 58"E	93.104			
145			244,161.5882	169,523.7175	EXIST CORNER FENCE TO BE REMOVED
	N84° 30' 35"E	75.157			

PARCEL NO. 102-01 (CONT.)			OWNER: MIGUEL TORRES RIVERA		
POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE	DESCRIPTION
181			244,168.7789	169,598.5301	EXIST CORNER FENCE TO BE REMOVED
	N84° 27' 41"E	20.534			
182			244,170.7607	169,618.9680	EXIST CORNER FENCE TO BE REMOVED
	S85° 07' 37"E	11.362			
183			244,169.7890	169,630.2883	EXIST CORNER FENCE TO BE REMOVED
	S85° 09' 44"E	147.251			
156			244,157.3846	169,777.0142	EXIST CORNER FENCE TO BE REMOVED
TOTAL AREA = 44,843.4582 SqM = 11.4094 Cdas					
*EXISTING PREPA EASEMENT = 4,470.7226 SqM = 1.1375 Cdas					

**Colindantes de la Parcela a ser Adquirida**

**Norte:** Parcela 100-01 y Parcela 101-01 a ser adquirida  
**Sur:** Parcela 134-01 a ser adquirida y Parcela 103-01 a ser adquirida.  
**Este:** Parcela 103-01 a ser adquirida.  
**Oeste:** Rio Grande de Arecibo

**VISTA AEREA DEL SUJETO**



**DESCRIPCIÓN DE LA PROPIEDAD A SER ADQUIRIDA**

**DESCRIPCIÓN DEL REMANENTE (\_\_\_ Aplica, X No Aplica)**

**DAÑOS AL REMANENTE**

\_\_\_ Se producen daños al remanente por motivo de esta adquisición.

\_\_\_ Queda enclavado el remanente

X No se producen daños al remanente por motivo de esta adquisición.

Si hay un remanente y existen daños o beneficios en valor sobre el mismo exponerlos. Explicar, presentar y exponer el valor de éstos daños y o beneficios sobre el remanente.

## DESCRIPCIÓN FÍSICA DE LA PROPIEDAD A SER ADQUIRIDA

### Localización:

Carretera PR-123, Km. 1.1, Interior, Bo. Arenas, Utuado, Puerto Rico

### Codificación:

214-000-008-01



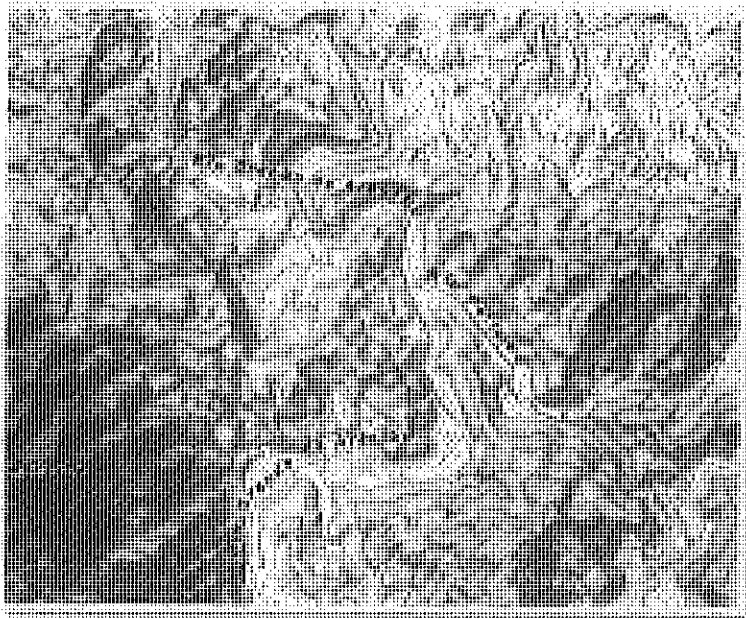
DESCRIPCIÓN	
Codificación	214-000-008-01
Características Locales, N.º	00001 0000, 214119 (zona para 18.740000, zona 000 00000)
Área Superf. (m.²)	34449.30000
Ubicación	Interior
Estado	Propiedad
DESCRIPCIÓN DE LA PROPIEDAD	
Existencia	SI
Propiedad	Propiedad Privada
Ubicación	
Características	Parcela con Fm. 1.1-1.1 (Km. 1.1)
DESCRIPCIÓN DE LA PROPIEDAD	
Ubicación	
Codificación	

**Acceso y Frente a Carretera:**

El acceso es a través de Carretera municipal que comunica con la Carretera PR-123

**Topografía y Suelos:**

Escarpada



**Forma:**

Tiene una forma:  Regular  Irregular.

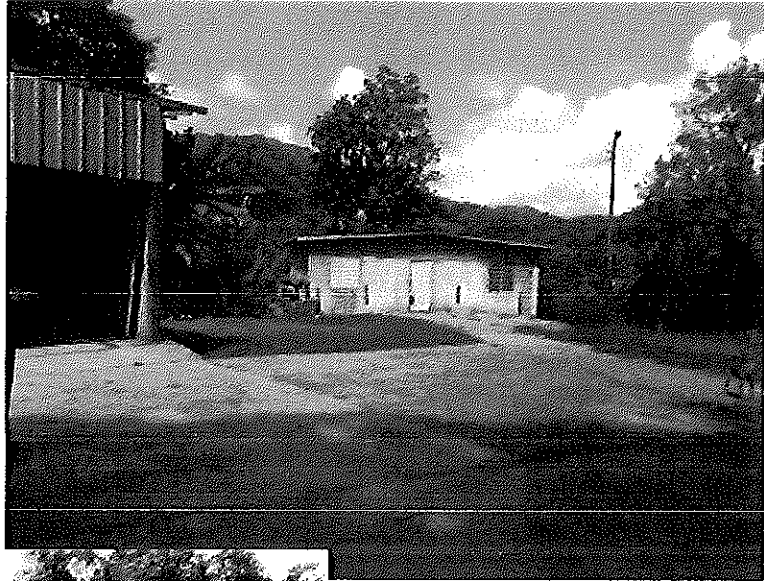
**Estructuras Presentes a ser adquiridas:**

Estructura Residencial

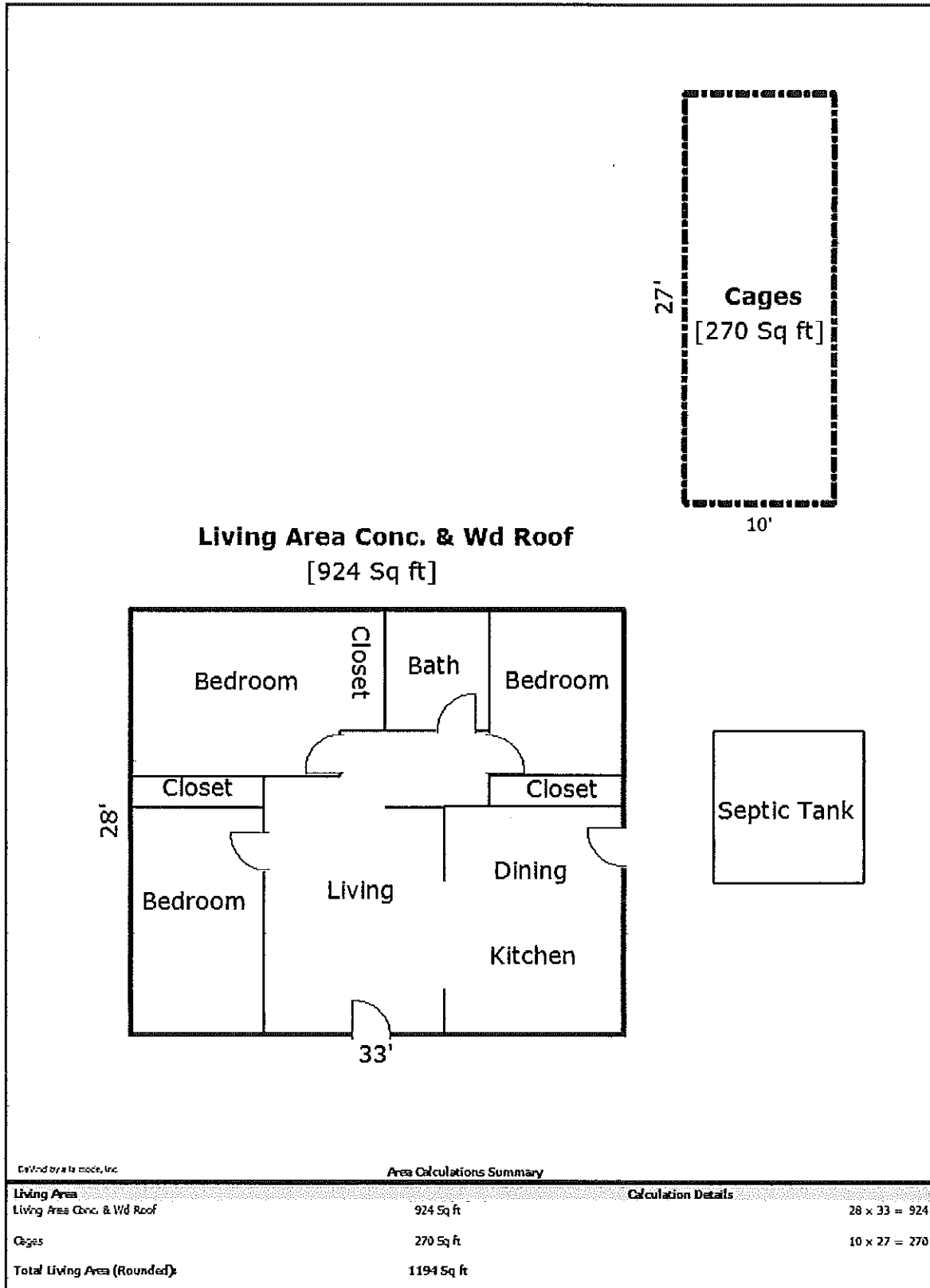
**Descripción de la Estructura**

Se trata de una estructura residencial de madera y techos de madera cubiertos con planchas metálicas en construcción, que al momento de nuestra inspección había sido demolida. Un taller construido sobre vigas y con teco metálico de aproximadamente 750 pies cuadrados con una estructura adosada de paredes de hormigón de aproximadamente 200 pies cuadrados, áreas pavimentadas en hormigón al frente de aproximadamente 1,995 pies cuadrados y un área cercada con verjas de Cyclon Fence. Una estructura residencial de hormigón y techos de madera cubierto con planchas metálicas y ventanas de aluminio tipo Miami de aproximadamente 924 pies cuadrados y la distribución es , sala, comedor, cocina, tres dormitorios y baño.

Fotos de la Estructura



**Croquis de las Estructuras**







*Phase I Environmental Site Assessment Report  
Former Mechanical Shop  
PR-10 (Utado - Adjuntas)  
Project – AC-100069  
Guaónico Ward  
Utado, Puerto Rico  
CES Project No. 20-0008*

**PRIVILEGED AND CONFIDENTIAL**

**APPENDIX 5**

**COMPACT DISK WITH EDR REPORT INCLUDED (PDF)**

**Utuado, PR**  
Utuado, PR  
Utuado, PR 00641

Inquiry Number: 6011985.1s  
March 17, 2020

## EDR ZIP/PLUS™ Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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ZIP CODE FINDINGS SUMMARY

	Database	Total Sites
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>		
<b><i>Federal NPL site list</i></b>		
	NPL	1
	Proposed NPL	0
	NPL LIENS	0
<b><i>Federal Delisted NPL site list</i></b>		
	Delisted NPL	0
<b><i>Federal CERCLIS list</i></b>		
	FEDERAL FACILITY	0
	SEMS	1
<b><i>Federal CERCLIS NFRAP site list</i></b>		
	SEMS-ARCHIVE	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>		
	CORRACTS	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>		
	RCRA-TSDF	0
<b><i>Federal RCRA generators list</i></b>		
	RCRA-LQG	1
	RCRA-SQG	0
	RCRA-VSQG	4
<b><i>Federal institutional controls / engineering controls registries</i></b>		
	LUCIS	0
	US ENG CONTROLS	0
	US INST CONTROL	0
<b><i>Federal ERNS list</i></b>		
	ERNS	4
<b><i>State- and tribal - equivalent CERCLIS</i></b>		
	SHWS	0
<b><i>State and tribal leaking storage tank lists</i></b>		
	LUST	5
	INDIAN LUST	0
<b><i>State and tribal registered storage tank lists</i></b>		
	FEMA UST	0
	UST	28
	INDIAN UST	0
<b><i>State and tribal voluntary cleanup sites</i></b>		
	INDIAN VCP	0

ZIP CODE FINDINGS SUMMARY

	<u>Database</u>	<u>Total Sites</u>
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>		
<b><i>Local Brownfield lists</i></b>		
	US BROWNFIELDS	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>		
	INDIAN ODI	0
	DEBRIS REGION 9	0
	ODI	1
	IHS OPEN DUMPS	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>		
	US HIST CDL	0
	US CDL	0
<b><i>Local Land Records</i></b>		
	LIENS 2	0
<b><i>Records of Emergency Release Reports</i></b>		
	HMIRS	0
<b><i>Other Ascertainable Records</i></b>		
	RCRA NonGen / NLR	23
	FUDS	0
	DOD	0
	SCRD DRYCLEANERS	0
	US FIN ASSUR	0
	EPA WATCH LIST	0
	2020 COR ACTION	0
	TSCA	0
	TRIS	0
	SSTS	0
	ROD	1
	RMP	5
	RAATS	0
	PRP	0
	PADS	2
	ICIS	30
	FTTS	4
	MLTS	0
	COAL ASH DOE	0
	COAL ASH EPA	0
	PCB TRANSFORMER	1
	RADINFO	0
	HIST FTTS	4
	DOT OPS	0
	CONSENT	0

ZIP CODE FINDINGS SUMMARY

<u>Database</u>	<u>Total Sites</u>
INDIAN RESERV	0
FUSRAP	0
UMTRA	0
LEAD SMELTERS	0
US AIRS	1
US MINES	1
ABANDONED MINES	2
FINDS	86
UXO	0
DOCKET HWC	0
ECHO	66
FUELS PROGRAM	0
MINES MRDS	23

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

EDR MGP	0
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**EDR RECOVERED GOVERNMENT ARCHIVES**

***Exclusive Recovered Govt. Archives***

RGA LUST	19
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NOTES:

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
------	-------------	--------------------------------

**ARENAS DEL OTOAO**

**US MINES 1022896400  
ABANDONED MINES N/A**

, PR 00641

ABANDONED MINES:

Mine ID:	5400406
Mine Name:	ARENAS DEL OTOAO
Mine Address:	Not reported
City,State,Zip:	PR 00641
Primary SIC Code:	Not reported
Mine Type:	Facility
Mine Status Description:	Abandoned
Mine Status Date:	37413
Coal (C) or Metal (M) Mine:	M
Controller ID:	M12362
Controller Name:	Angel M Morales (Gonzalez)
Operator ID:	L16173
Operator name:	Arenas Del Otoao Inc
Address of Record Street:	Ave Fernando L Rivas #192
Address of Record PO Box:	Not reported
Address of Record City:	UTUADO
Address of Record State:	PR
Address of Record Zip Code:	00641
Assessment Address Street:	Ave Fernando L Rivas #192
Assessment Address PO Box:	Not reported
Assessment Address City:	UTUADO
Assessment Address State:	PR
Assessment Address Zip Code:	00641
Mine Health and Safety Address Street:	Not reported
Mine Health and Safety Address PO Box:	Not reported
Mine Health and Safety Address City:	Not reported
Mine Health and Safety Address State:	Not reported
Mine Health and Safety Address Zip Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported

**ARENERO SANSON**

**MINES MRDS 1025662467  
N/A**

UTUADO, PR 00641

**BRENERO DE RIO ABAJO**

**MINES MRDS 1025730216  
N/A**

UTUADO, PR 00641

**CALA ABAJO**

**MINES MRDS 1025617993  
N/A**

UTUADO, PR 00641



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
CALA ABAJO DEPOSIT UTUADO, PR 00641	MINES MRDS	1025577040 N/A
COPPER CREEK PROSPECT UTUADO, PR 00641	MINES MRDS	1025576980 N/A
HELECHO DEPOSIT UTUADO, PR 00641	MINES MRDS	1025577026 N/A
SALVA CONCRETE'S SAND AND GRAVEL QUARRY UTUADO, PR 00641	MINES MRDS	1025559008 N/A
SAPO ALEGRE PROSPECT UTUADO, PR 00641	MINES MRDS	1025577039 N/A
TANAMA COPPER DEPOSIT UTUADO, PR 00641	MINES MRDS	1025640334 N/A
TANAMA DEPOSIT UTUADO, PR 00641	MINES MRDS	1025576981 N/A
UNIDENTIFIED DIORITE QUARRY UTUADO, PR 00641	MINES MRDS	1025559094 N/A
UNIDENTIFIED LIMESTONE QUARRY UTUADO, PR 00641	MINES MRDS	1025559285 N/A
UNIDENTIFIED SAND AND GRAVEL PIT UTUADO, PR 00641	MINES MRDS	1025559283 N/A
UNIDENTIFIED SAND AND GRAVEL PIT UTUADO, PR 00641	MINES MRDS	1025559284 N/A

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
UNIDENTIFIED SAND AND GRAVEL PIT UTUADO, PR 00641	MINES MRDS	1025591798 N/A
UNIDENTIFIED STONE QUARRY UTUADO, PR 00641	MINES MRDS	1025559056 N/A
UNIDENTIFIED TUFF QUARRY UTUADO, PR 00641	MINES MRDS	1025591799 N/A
UNNAMED 18-1 UTUADO, PR 00641	MINES MRDS	1025576983 N/A
UNNAMED 32-1 UTUADO, PR 00641	MINES MRDS	1025577031 N/A
UNNAMED 32-13 UTUADO, PR 00641	MINES MRDS	1025577043 N/A
UNNAMED 32-2 UTUADO, PR 00641	MINES MRDS	1025577032 N/A
UNNAMED 32-3 UTUADO, PR 00641	MINES MRDS	1025577033 N/A
UNNAMED 32-4 UTUADO, PR 00641	MINES MRDS	1025577034 N/A
EDIFICIO S-1331-0-81 RD #10 KM 54.1 UTUADO, PR 00641	UST	U003431880 N/A
UST: Facility ID: 2-940185 Tank Status: Permanently Out of Use Substance Description: Kerosene  Facility ID: 2-940185 Tank Status: Permanently Out of Use Substance Description: Gasoline		

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>GULF S/S #0406</b> <b>RD. #10 KM 53.7</b> <b>UTUADO, PR 00641</b>  UST: Facility ID: 2-860385 Tank Status: Utuado Substance Description: Not reported  Facility ID: 2-860385 Tank Status: Utuado Substance Description: Not reported  Facility ID: 2-860385 Tank Status: Utuado Substance Description: Not reported  Facility ID: 2-860385 Tank Status: Permanently Out of Use Substance Description: Used Oil	UST	U003429712 N/A
<b>CAGUANA</b> <b>RD #111 KM 9 HM 0 CAGUANA WARD</b> <b>UTUADO, PR 00641</b>  UST: Facility ID: 2-890118 Tank Status: Permanently Out of Use Substance Description: Diesel	UST	U003431159 N/A
<b>CECORT PROPERTY</b> <b>RD #111 INT. WITH RD. #611</b> <b>UTUADO, PR 00641</b>  UST: Facility ID: 2-920057 Tank Status: Currently In Use Substance Description: Not reported  Facility ID: 2-920057 Tank Status: Currently In Use Substance Description: Not reported  Facility ID: 2-920057 Tank Status: Currently In Use Substance Description: Not reported  Facility ID: 2-920057 Tank Status: Permanently Out of Use Substance Description: Used Oil  Facility ID: 2-920057 Tank Status: Permanently Out of Use Substance Description: Gasoline  Facility ID: 2-920057 Tank Status: Permanently Out of Use Substance Description: Gasoline	UST	U003431591 N/A

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**CECORT PROPERTY (Continued)**

**U003431591**

Facility ID: 2-920057  
 Tank Status: Permanently Out of Use  
 Substance Description: Gasoline

**HECTOR GONZALEZ  
 RD #111 KM. 9.7 CAGUANA WARD  
 UTUADO, PR 00641**

**UST U003429998  
 N/A**

UST:

Facility ID: 2-860851  
 Tank Status: Currently In Use  
 Substance Description: Not reported

Facility ID: 2-860851  
 Tank Status: Currently In Use  
 Substance Description: Not reported

Facility ID: 2-860851  
 Tank Status: Permanently Out of Use  
 Substance Description: Not Listed

Facility ID: 2-860851  
 Tank Status: Permanently Out of Use  
 Substance Description: Gasoline

Facility ID: 2-860851  
 Tank Status: Permanently Out of Use  
 Substance Description: Not Listed

Facility ID: 2-860851  
 Tank Status: Permanently Out of Use  
 Substance Description: Gasoline

**VALENTIN SERVICE STATION  
 RD #140 INT. RD #141 MAMEYES WARD  
 UTUADO, PR 00641**

**UST U003431803  
 N/A**

UST:

Facility ID: 2-940087  
 Tank Status: Currently in Use  
 Substance Description: Not reported

Facility ID: 2-940087  
 Tank Status: Currently in Use  
 Substance Description: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**GARAJE MINI MARKET BOQUERON  
RD #140, INT. 111 LAS PALMAS WARD  
UTUADO, PR 00641**

**UST U003430352  
N/A**

UST:  
 Facility ID: 2-861308  
 Tank Status: Currently in Use  
 Substance Description: Not reported  
  
 Facility ID: 2-861308  
 Tank Status: Currently in Use  
 Substance Description: Not reported

**PRASA MAMEYES ABAJO WTP  
PR - 141, KM. 19.1  
UTUADO, PR 00641**

**ICIS 1018302654  
N/A**

ICIS:  
 Enforcement Action ID: 02-2002-3072  
 FRS ID: 110013695750  
 Action Name: PRASA Mameyes Abajo WTP  
 Facility Name: PRASA MAMEYES ABAJO WTP  
 Facility Address: PR - 141, KM. 19.1  
 UTUADO, PR 00641  
  
 Enforcement Action Type: CWA 309A AO For Compliance  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 309A  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.287176  
 Longitude in Decimal Degrees: -66.608785  
 Permit Type Desc: Not reported  
 Program System Acronym: 2657003  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported  
  
 Facility Name: PRASA MAMEYES ABAJO WTP  
 Address: PR-141 KM 19.1  
 Tribal Indicator: N  
 Fed Facility: No  
 NAIC Code: Not reported  
 SIC Code: 4941

**PRASA UTUADO WTP  
PR - 111, KM. 5.4  
UTUADO, PR 00641**

**ICIS 1018295887  
N/A**

ICIS:  
 Enforcement Action ID: 02-2002-3043  
 FRS ID: 110009814923  
 Action Name: PRASA Utuado WTP  
 Facility Name: PRASA UTUADO WTP  
 Facility Address: PR - 111, KM. 5.4  
 UTUADO, PR 00641  
  
 Enforcement Action Type: CWA 309A AO For Compliance

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA UTUADO WTP (Continued)**

**1018295887**

Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 309A  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.243566  
 Longitude in Decimal Degrees: -66.669618  
 Permit Type Desc: Not reported  
 Program System Acronym: 2657026  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: PRASA WTP UTUADO  
 Address: PR-111 KM 5.4  
 Tribal Indicator: N  
 Fed Facility: No  
 NAIC Code: Not reported  
 SIC Code: 4941

Facility Name: PRASA WTP UTUADO  
 Address: PR-111 KM 5.4  
 Tribal Indicator: N  
 Fed Facility: No  
 NAIC Code: Not reported  
 SIC Code: 4941

**RTE 10  
 UTUADO, PR 00641**

**ERNS 94238332  
 N/A**

The ERNS database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

**GARAJE CENTRAL UTUADO  
 PR 10 INT. PR 523, LA PLAYITA  
 UTUADO, PR 00641**

**FINDS 1014831154  
 N/A**

FINDS:  
 Registry ID: 110040709882  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110040709882](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110040709882)

Environmental Interest/Information System:  
 LEAKING UNDERGROUND STORAGE TANK - ARRA

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**GRAULAO COMMUNITY  
RD 10 KM 56.7  
UTUADO, PR 00641**

**ICIS 1005834631  
FINDS N/A  
ECHO**

ICIS:

Enforcement Action ID: 02-2013-8313  
 FRS ID: 110010606120  
 Action Name: Graulao Community  
 Facility Name: GRAULAO COMMUNITY  
 Facility Address: RD 10 KM 56.7  
 UTUADO, PR 00641  
 Enforcement Action Type: SDWA 1414G2 AO For Compliance (PWS)  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G2  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.271251  
 Longitude in Decimal Degrees: -66.71284  
 Permit Type Desc: Not reported  
 Program System Acronym: 40480  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2001-8027  
 FRS ID: 110010606120  
 Action Name: GRAULAO COMMUNITY  
 Facility Name: GRAULAO COMMUNITY  
 Facility Address: RD 10 KM 56.7  
 UTUADO, PR 00641  
 Enforcement Action Type: SDWA 1414G2 AO For Compliance (PWS)  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G2  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.271251  
 Longitude in Decimal Degrees: -66.71284  
 Permit Type Desc: Not reported  
 Program System Acronym: 40480  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: GRAULAO COMMUNITY  
 Address: RD 10 KM 56.7  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

Facility Name: GRAULAO COMMUNITY  
 Address: RD 10 KM 56.7  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**GRAULAO COMMUNITY (Continued)**

**1005834631**

**FINDS:**

Registry ID: 110010606120  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110010606120](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110010606120)

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1005834631  
 Registry ID: 110010606120  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110010606120>  
 Name: GRAULAO COMMUNITY  
 Address: RD 10 KM 56.7  
 City,State,Zip: UTUADO, PR 00641

**GULF S\IS #047  
 RD. 10 KM. 56.0  
 UTUADO, PR 00641**

**UST U003429602  
 N/A**

**UST:**

Facility ID: 2-860273  
 Tank Status: Currently in Use  
 Substance Description: Not reported

Facility ID: 2-860273  
 Tank Status: Currently in Use  
 Substance Description: Not reported

Facility ID: 2-860273  
 Tank Status: Currently in Use  
 Substance Description: Not reported

Facility ID: 2-860273  
 Tank Status: Permanently Out of Use  
 Substance Description: Used Oil



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>PR ARMY NATIONAL GUARD - UTUADO ARMORY RD 10 INTERSECT RD 111 KM 3.8 UTUADO, PR 00641</b>	<b>RCRA-VSQG</b>	<b>1004778649 PR0000044719</b>

RCRA-VSQG:

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: PR ARMY NATIONAL GUARD - UTUADO ARMORY  
 Facility address: RD 10 INTERSECT RD 111 KM 3.8  
 UTUADO, PR 00641  
 EPA ID: PR0000044719  
 Mailing address: PO BOX 3786  
 SAN JUAN, PR 00902-3786  
 Contact: NORBERTO QUILES  
 Contact address: PO BOX 3786  
 SAN JUAN, PR 00902-3786  
 Contact country: US  
 Contact telephone: 787-894-2966  
 Contact email: Not reported  
 EPA Region: 02  
 Classification: Conditionally Exempt Small Quantity Generator  
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: PR ARMY NATIONAL GUARD  
 Owner/operator address: PO BOX 3786  
 SAN JUAN, PR 00902  
 Owner/operator country: US  
 Owner/operator telephone: 787-724-3321  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: State  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: PR ARMY NATIONAL GUARD  
 Owner/operator address: PO BOX 3786  
 SAN JUAN, PR 00902  
 Owner/operator country: US  
 Owner/operator telephone: 787-724-3321  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: State  
 Owner/Operator Type: Owner

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PR ARMY NATIONAL GUARD - UTUADO ARMORY (Continued)**

**1004778649**

Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: PR ARMY NATIONAL GUARD - UTUADO ARMORY  
 Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 1993-11-03 00:00:00.0  
 Site name: PR ARMY NATIONAL GUARD - UTUADO ARMORY  
 Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001  
 . Waste name: IGNITABLE WASTE  
 Violation Status: No violations found

**PR ARMY NATIONAL GUARD - UTUADO ARMORY  
 RD 10 INTERSECT RD 111 KM 3.8  
 UTUADO, PR 00641**

**FINDS 1016238158  
 ECHO N/A**

FINDS:

Registry ID: 110007802529  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110007802529](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007802529)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid: 1016238158

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PR ARMY NATIONAL GUARD - UTUADO ARMORY (Continued)**

**1016238158**

Registry ID: 110007802529  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007802529>  
 Name: PR ARMY NATIONAL GUARD - UTUADO ARMORY  
 Address: RD 10 INTERSECT RD 111 KM 3.8  
 City,State,Zip: UTUADO, PR 00641

**PRASA - UTUADO  
 RD 10 KM 50.5  
 UTUADO, PR 00641**

**ICIS 1018298785  
 N/A**

ICIS:

Enforcement Action ID: 02-1999-3054  
 FRS ID: 110010785506  
 Action Name: PRASA - UTUADO  
 Facility Name: PRASA - UTUADO  
 Facility Address: RD 10 KM 50.5  
 UTUADO, PR 00641  
 Enforcement Action Type: CWA 309A AO For Compliance  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 309A  
 Facility SIC Code: 4952  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.268009  
 Longitude in Decimal Degrees: -66.709897  
 Permit Type Desc: Not reported  
 Program System Acronym: 40479  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: UTUADO WASTEWATER TREATMENT PLANT  
 Address: RD 10 KM 50.5  
 Tribal Indicator: N  
 Fed Facility: No  
 NAIC Code: Not reported  
 SIC Code: 4952

Facility Name: UTUADO WASTEWATER TREATMENT PLANT  
 Address: RD 10 KM 50.5  
 Tribal Indicator: N  
 Fed Facility: No  
 NAIC Code: Not reported  
 SIC Code: 4952

Facility Name: UTUADO WASTEWATER TREATMENT PLANT  
 Address: RD 10 KM 50.5  
 Tribal Indicator: N  
 Fed Facility: No  
 NAIC Code: Not reported  
 SIC Code: 4952

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PUERTO RICO INDUSTRIAL DEV CO  
RD 10 KM 54.1  
UTUADO, PR 00641**

**RCRA NonGen / NLR 1000875318  
PR0000136580**

RCRA NonGen / NLR:

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: PUERTO RICO INDUSTRIAL DEV CO  
 Facility address: RD 10 KM 54.1  
 UTUADO, PR 00641  
 EPA ID: PR0000136580  
 Mailing address: PO BOX 362350  
 SAN JUAN, PR 00936-2350  
 Contact: Not reported  
 Contact address: PO BOX 362350  
 SAN JUAN, PR 00936-2350  
 Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: PRIDCO  
 Owner/operator address: PO BOX 362350  
 SAN JUAN, PR 00936  
 Owner/operator country: US  
 Owner/operator telephone: 787-758-4747  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: PRIDCO  
 Owner/operator address: PO BOX 362350  
 SAN JUAN, PR 00936  
 Owner/operator country: US  
 Owner/operator telephone: 787-758-4747  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PUERTO RICO INDUSTRIAL DEV CO (Continued)**

**1000875318**

Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: PUERTO RICO INDUSTRIAL DEV CO  
 Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0  
 Site name: PUERTO RICO INDUSTRIAL DEV CO  
 Classification: Not a generator, verified

Date form received by agency: 1994-03-02 00:00:00.0  
 Site name: PUERTO RICO INDUSTRIAL DEV CO  
 Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001  
 . Waste name: IGNITABLE WASTE

Violation Status: No violations found

**PUERTO RICO INDUSTRIAL DEV CO  
 RD 10 KM 54.1  
 UTUADO, PR 00641**

**FINDS 1016238182  
 ECHO N/A**

FINDS:

Registry ID: 110007802789  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110007802789](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007802789)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

ECHO:

Envid: 1016238182  
 Registry ID: 110007802789  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007802789>  
 Name: PUERTO RICO INDUSTRIAL DEV CO  
 Address: RD 10 KM 54.1  
 City,State,Zip: UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>SALVA CONCRETE INDUSTRIES</b> <b>RD. 10 KM. 60.7 RIO ABAJO WARD</b> <b>UTUADO, PR 00641</b>  UST: Facility ID: 2-940145 Tank Status: Permanently Out of Use Substance Description: Diesel	UST	1000800346 N/A
<b>SHELL S/S #002534</b> <b>RD 10 INT. CARR.111 SALTO ABAJO WARD</b> <b>UTUADO, PR 00641</b>  UST: Facility ID: 2-860903 Tank Status: Currently In Use Substance Description: Not reported  Facility ID: 2-860903 Tank Status: Currently In Use Substance Description: Not reported  Facility ID: 2-860903 Tank Status: Currently In Use Substance Description: Not reported  Facility ID: 2-860903 Tank Status: Currently In Use Substance Description: Not reported  Facility ID: 2-860903 Tank Status: Permanently Out of Use Substance Description: Used Oil	UST	U003430041 N/A
<b>UTUADO WWTP</b> <b>PR 10 KM 50.5, SALTO ABAJO WARD</b> <b>UTUADO, PR 00641</b>  UST: Facility ID: 2-861507 Tank Status: Permanently Out of Use Substance Description: Gasoline	UST	U003544173 N/A
<b>GULF #406</b> <b>RD. 10, KM 53.7</b> <b>UTUADO, PR 00641</b>  ICIS: Enforcement Action ID: 02-2010-0017 FRS ID: 110045469809 Action Name: Caribbean Petroleum Refining, LP et al. Facility Name: GULF #406 Facility Address: RD. 10, KM 53.7 UTUADO, PR 00641 Enforcement Action Type: Bankruptcy Facility County: UTUADO Program System Acronym: ICIS	ICIS	1011906195 N/A

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**GULF #406 (Continued)**

1011906195

Enforcement Action Forum Desc: Judicial  
 EA Type Code: BNK  
 Facility SIC Code: 5541  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: +18.265  
 Longitude in Decimal Degrees: -66.718056  
 Permit Type Desc: Not reported  
 Program System Acronym: 1400002746  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

**GULF S/S #0411  
 RD. 10, KM. 62.7 RIO ABAJO WARD  
 UTUADO, PR 00641**

UST U003429715  
 N/A

UST:  
 Facility ID: 2-860388  
 Tank Status: Permanently Out of Use  
 Substance Description: Gasoline  
  
 Facility ID: 2-860388  
 Tank Status: Permanently Out of Use  
 Substance Description: Gasoline

**RD 111 KM 3.1  
 EUTUADO, PR 00641**

ERNS 97378270  
 N/A

The ERNS database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

**ESSO S/S CO-450  
 RD 111 KM. 0.7 NUEVA AVE.  
 UTUADO, PR 00641**

UST U003430255  
 N/A

UST:  
 Facility ID: 2-861178  
 Tank Status: Currently In Use  
 Substance Description: Not reported  
  
 Facility ID: 2-861178  
 Tank Status: Currently In Use  
 Substance Description: Not reported  
  
 Facility ID: 2-861178  
 Tank Status: Currently In Use  
 Substance Description: Not reported  
  
 Facility ID: 2-861178  
 Tank Status: Permanently Out of Use  
 Substance Description: Gasoline  
  
 Facility ID: 2-861178  
 Tank Status: Permanently Out of Use

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ESSO S/S CO-450 (Continued)**

**U003430255**

Substance Description: Gasoline

Facility ID: 2-861178  
 Tank Status: Permanently Out of Use  
 Substance Description: Gasoline

Facility ID: 2-861178  
 Tank Status: Permanently Out of Use  
 Substance Description: Diesel

Facility ID: 2-861178  
 Tank Status: Permanently Out of Use  
 Substance Description: Used Oil

**GOVT OF PR DEPT DE VIVIENDA RES FERNANDO  
 RD 111 KM 1.4 RIVAS DOMINICI  
 UTUADO, PR 00641**

**RCRA NonGen / NLR**

**1001128249  
 PRR000005082**

RCRA NonGen / NLR:

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: GOVT OF PR DEPT DE VIVIENDA RES FERNANDO  
 Facility address: RD 111 KM 1.4 RIVAS DOMINICI  
 AVE-ADMIN BLDG-FERNANDO GARCIA  
 UTUADO, PR 00641

EPA ID: PRR000005082  
 Mailing address: PO BOX 363188  
 SAN JUAN, PR 00936

Contact: Not reported  
 Contact address: PO BOX 363188  
 SAN JUAN, PR 00936

Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: GOVT OF PR DEPT OF VIVIENDA  
 Owner/operator address: AVE BARBOSA 606  
 HATO REY, PR 00918

Owner/operator country: US  
 Owner/operator telephone: 787-759-9407  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: State  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: GOVT OF PR DEPT OF VIVIENDA  
 Owner/operator address: AVE BARBOSA 606  
 HATO REY, PR 00918

Owner/operator country: US  
 Owner/operator telephone: 787-759-9407  
 Owner/operator email: Not reported



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**GOVT OF PR DEPT DE VIVIENDA RES FERNANDO (Continued)**

**1001128249**

Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: State  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: GOVT OF PR DEPT DE VIVIENDA RES FERNANDO  
 Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0  
 Site name: GOVT OF PR DEPT DE VIVIENDA RES FERNANDO  
 Classification: Not a generator, verified

Date form received by agency: 1997-02-26 00:00:00.0  
 Site name: GOVT OF PR DEPT DE VIVIENDA RES FERNANDO  
 Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D004  
 . Waste name: ARSENIC

Violation Status: No violations found

**GOVT OF PR DEPT DE VIVIENDA RES FERNANDO  
 RD 111 KM 1.4 RIVAS DOMINICI  
 UTUADO, PR 00641**

**FINDS 1016239452  
 ECHO N/A**

FINDS:

Registry ID: 110007818656  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110007818656](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007818656)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**GOVT OF PR DEPT DE VIVIENDA RES FERNANDO (Continued)**

**1016239452**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016239452  
 Registry ID: 110007818656  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007818656>  
 Name: GOVT OF PR DEPT DE VIVIENDA RES FERNANDO  
 Address: RD 111 KM 1.4 RIVAS DOMINICI  
 City,State,Zip: UTUADO, PR 00641

**PAPELERA PUERTORRIQUENA, INC.  
 RD 111 KM 1.8, VIVI ABAJO WARD  
 UTUADO, PR 00641**

**NPL 1000204275  
 SEMS PRD090290685  
 RCRA NonGen / NLR  
 ROD  
 MANIFEST**

**NPL:**

Name: PAPELERA PUERTORRIQUENA, INC.  
 Address: RD 111 KM 1.8, VIVI ABAJO WARD  
 City,State,Zip: UTUADO, PR 00641  
 EPA ID: PRD090290685  
 EPA Region: 2  
 Federal: N  
 Final Date: 2009-09-23 00:00:00  
 Site ID: 205848  
 Latitude: 18.265194000000001  
 Site Score: 34.689999999999998  
 Longitude: -66.694907999999998

**SEMS:**

Site ID: 0205848  
 EPA ID: PRD090290685  
 Name: PAPELERA PUERTORRIQUENA, INC.  
 Address: RD 111 KM 1.8, VIVI ABAJO WARD  
 Address 2: Not reported  
 City,State,Zip: UTUADO, PR 00641  
 Cong District: 98  
 FIPS Code: Not reported  
 Latitude: 18.265194  
 Longitude: -66.694908  
 FF: N  
 NPL: Currently on the Final NPL  
 Non NPL Status: Not reported

**SEMS Detail:**

Region: 02  
 Site ID: 0205848  
 EPA ID: PRD090290685  
 Site Name: PAPELERA PUERTORRIQUENA, INC.  
 NPL: F  
 FF: N  
 OU: 00  
 Action Code: NP  
 Action Name: PROPOSED

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

SEQ: 1  
 Start Date: Not reported  
 Finish Date: 4/9/2009 4:00:00 AM  
 Qual: Not reported  
 Current Action Lead: EPA Perf

Region: 02  
 Site ID: 0205848  
 EPA ID: PRD090290685  
 Site Name: PAPELERA PUERTORRIQUENA, INC.  
 NPL: F  
 FF: N  
 OU: 00  
 Action Code: NF  
 Action Name: NPL FINL  
 SEQ: 1  
 Start Date: Not reported  
 Finish Date: 9/23/2009 4:00:00 AM  
 Qual: Not reported  
 Current Action Lead: EPA Perf

Region: 02  
 Site ID: 0205848  
 EPA ID: PRD090290685  
 Site Name: PAPELERA PUERTORRIQUENA, INC.  
 NPL: F  
 FF: N  
 OU: 00  
 Action Code: HR  
 Action Name: HAZRANK  
 SEQ: 1  
 Start Date: Not reported  
 Finish Date: 4/9/2009 4:00:00 AM  
 Qual: Not reported  
 Current Action Lead: EPA Perf

Region: 02  
 Site ID: 0205848  
 EPA ID: PRD090290685  
 Site Name: PAPELERA PUERTORRIQUENA, INC.  
 NPL: F  
 FF: N  
 OU: 01  
 Action Code: CO  
 Action Name: RI/FS  
 SEQ: 1  
 Start Date: 2009-09-21 04:00:00  
 Finish Date: 9/29/2017 4:00:00 AM  
 Qual: Not reported  
 Current Action Lead: EPA Perf

Region: 02  
 Site ID: 0205848  
 EPA ID: PRD090290685  
 Site Name: PAPELERA PUERTORRIQUENA, INC.  
 NPL: F  
 FF: N

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

OU: 01  
 Action Code: RO  
 Action Name: ROD  
 SEQ: 1  
 Start Date: 2017-09-29 04:00:00  
 Finish Date: 9/29/2017 4:00:00 AM  
 Qual: R  
 Current Action Lead: EPA Perf

Region: 02  
 Site ID: 0205848  
 EPA ID: PRD090290685  
 Site Name: PAPELERA PUERTORRIQUENA, INC.  
 NPL: F  
 FF: N  
 OU: 01  
 Action Code: MA  
 Action Name: ST COOP  
 SEQ: 1  
 Start Date: 2012-09-05 05:00:00  
 Finish Date: Not reported  
 Qual: Not reported  
 Current Action Lead: EPA Perf

Region: 02  
 Site ID: 0205848  
 EPA ID: PRD090290685  
 Site Name: PAPELERA PUERTORRIQUENA, INC.  
 NPL: F  
 FF: N  
 OU: 01  
 Action Code: RD  
 Action Name: RD  
 SEQ: 1  
 Start Date: 2018-05-24 04:00:00  
 Finish Date: Not reported  
 Qual: Not reported  
 Current Action Lead: EPA Perf

Region: 02  
 Site ID: 0205848  
 EPA ID: PRD090290685  
 Site Name: PAPELERA PUERTORRIQUENA, INC.  
 NPL: F  
 FF: N  
 OU: 00  
 Action Code: PJ  
 Action Name: RP EM REM  
 SEQ: 1  
 Start Date: 2008-07-24 05:00:00  
 Finish Date: 8/27/2008 5:00:00 AM  
 Qual: S  
 Current Action Lead: EPA Ovrsght

Region: 02  
 Site ID: 0205848  
 EPA ID: PRD090290685

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Site Name: PAPELERA PUERTORRIQUENA, INC.  
 NPL: F  
 FF: N  
 OU: 00  
 Action Code: DS  
 Action Name: DISCVRY  
 SEQ: 1  
 Start Date: Not reported  
 Finish Date: 10/1/2005 4:00:00 AM  
 Qual: Not reported  
 Current Action Lead: St Perf

Region: 02  
 Site ID: 0205848  
 EPA ID: PRD090290685  
 Site Name: PAPELERA PUERTORRIQUENA, INC.  
 NPL: F  
 FF: N  
 OU: 00  
 Action Code: PA  
 Action Name: PA  
 SEQ: 1  
 Start Date: 2005-10-01 04:00:00  
 Finish Date: 3/23/2006 5:00:00 AM  
 Qual: H  
 Current Action Lead: St Perf

Region: 02  
 Site ID: 0205848  
 EPA ID: PRD090290685  
 Site Name: PAPELERA PUERTORRIQUENA, INC.  
 NPL: F  
 FF: N  
 OU: 00  
 Action Code: SI  
 Action Name: SI  
 SEQ: 1  
 Start Date: Not reported  
 Finish Date: 6/24/2008 5:00:00 AM  
 Qual: H  
 Current Action Lead: St Perf

**RCRA NonGen / NLR:**

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: PAPELERIA PUERTORRIQUENA  
 Facility address: AVE RIBAS DOMINICCI KM 1.7  
 UTUADO, PR 00761  
 EPA ID: PRD090290685  
 Mailing address: APARTADO #40  
 UTUADO, PR 00761  
 Contact: Not reported  
 Contact address: APARTADO #40  
 UTUADO, PR 00761  
 Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

EPA Region: 02  
 Land type: Facility is not located on Indian land. Additional information is not known.  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: JOSE JUAN RIOS  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, WY 99999  
 Owner/operator country: US  
 Owner/operator telephone: 212-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: JOSE JUAN RIOS  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, WY 99999  
 Owner/operator country: US  
 Owner/operator telephone: 212-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: PAPELERIA PUERTORRIQUENA  
 Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0  
 Site name: PAPELERIA PUERTORRIQUENA

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Classification: Not a generator, verified

Date form received by agency: 1988-12-02 00:00:00.0  
 Site name: PAPELERIA PUERTORRIQUENA  
 Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001  
 . Waste name: IGNITABLE WASTE

. Waste code: D002  
 . Waste name: CORROSIVE WASTE

. Waste code: F003  
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: P029  
 . Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: U122  
 . Waste name: FORMALDEHYDE

Facility Has Received Notices of Violations:

Regulation violated: SR - rule 703e(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 702b(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(2)d(1)(b)(c)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803e(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 812d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i803 d(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810 e  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 502a  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(4)1,2  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810 e  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - rule i 810g  
Area of violation: Generators - General  
Date violation determined: 2002-01-28 00:00:00.0  
Date achieved compliance: 2003-09-10 00:00:00.0  
Violation lead agency: State  
Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
Enforcement action date: 2003-09-10 00:00:00.0  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - rule i 803d(4)  
Area of violation: Generators - General  
Date violation determined: 2002-01-28 00:00:00.0  
Date achieved compliance: 2003-09-10 00:00:00.0  
Violation lead agency: State  
Enforcement action: SIGNIFICANT NON-COMPLIER  
Enforcement action date: 2002-07-16 00:00:00.0  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80000  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - rule i 810g  
Area of violation: Generators - General  
Date violation determined: 2002-01-28 00:00:00.0  
Date achieved compliance: 2003-09-10 00:00:00.0  
Violation lead agency: State  
Enforcement action: SIGNIFICANT NON-COMPLIER  
Enforcement action date: 2002-01-28 00:00:00.0  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - rule 810 e  
Area of violation: Generators - General  
Date violation determined: 2002-01-28 00:00:00.0  
Date achieved compliance: 2003-09-10 00:00:00.0  
Violation lead agency: State  
Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
Enforcement action date: 2002-01-28 00:00:00.0  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Paid penalty amount: Not reported

Regulation violated: SR - rule i 810g  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(3)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i 803d(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803e(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

1000204275

Regulation violated: SR - rule 808c(1)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803e(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(1)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(1)(a)

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Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

<p>Area of violation: Generators - General                  Date violation determined: 2002-01-28 00:00:00.0                  Date achieved compliance: 2003-09-10 00:00:00.0                  Violation lead agency: State                      Enforcement action: SIGNIFICANT NON-COMPLIER                      Enforcement action date: 2002-07-16 00:00:00.0                      Enf. disposition status: Not reported                      Enf. disp. status date: Not reported                      Enforcement lead agency: State                      Proposed penalty amount: 80000                      Final penalty amount: Not reported                      Paid penalty amount: Not reported</p> <p>Regulation violated: SR - rule 803d(2)                  Area of violation: Generators - General                  Date violation determined: 2002-01-28 00:00:00.0                  Date achieved compliance: 2003-09-10 00:00:00.0                  Violation lead agency: State                      Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE                      Enforcement action date: 2002-07-16 00:00:00.0                      Enf. disposition status: Not reported                      Enf. disp. status date: Not reported                      Enforcement lead agency: State                      Proposed penalty amount: 80000                      Final penalty amount: Not reported                      Paid penalty amount: Not reported</p> <p>Regulation violated: SR - rule 808c(1)(a)                  Area of violation: Generators - General                  Date violation determined: 2002-01-28 00:00:00.0                  Date achieved compliance: 2003-09-10 00:00:00.0                  Violation lead agency: State                      Enforcement action: NOT A SIGNIFICANT NON-COMPLIER                      Enforcement action date: 2002-01-28 00:00:00.0                      Enf. disposition status: Not reported                      Enf. disp. status date: Not reported                      Enforcement lead agency: State                      Proposed penalty amount: Not reported                      Final penalty amount: Not reported                      Paid penalty amount: Not reported</p> <p>Regulation violated: SR - rule 803e(1)                  Area of violation: Generators - General                  Date violation determined: 2002-01-28 00:00:00.0                  Date achieved compliance: 2003-09-10 00:00:00.0                  Violation lead agency: State                      Enforcement action: NOT A SIGNIFICANT NON-COMPLIER                      Enforcement action date: 2002-01-28 00:00:00.0                      Enf. disposition status: Not reported                      Enf. disp. status date: Not reported                      Enforcement lead agency: State                      Proposed penalty amount: Not reported                      Final penalty amount: Not reported                      Paid penalty amount: Not reported</p> <p>Regulation violated: SR - rule 803e(1)                  Area of violation: Generators - General</p>	<p>Area of violation: Generators - General                  Date violation determined: 2002-01-28 00:00:00.0                  Date achieved compliance: 2003-09-10 00:00:00.0                  Violation lead agency: State                      Enforcement action: SIGNIFICANT NON-COMPLIER                      Enforcement action date: 2002-07-16 00:00:00.0                      Enf. disposition status: Not reported                      Enf. disp. status date: Not reported                      Enforcement lead agency: State                      Proposed penalty amount: 80000                      Final penalty amount: Not reported                      Paid penalty amount: Not reported</p> <p>Regulation violated: SR - rule 803d(2)                  Area of violation: Generators - General                  Date violation determined: 2002-01-28 00:00:00.0                  Date achieved compliance: 2003-09-10 00:00:00.0                  Violation lead agency: State                      Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE                      Enforcement action date: 2002-07-16 00:00:00.0                      Enf. disposition status: Not reported                      Enf. disp. status date: Not reported                      Enforcement lead agency: State                      Proposed penalty amount: 80000                      Final penalty amount: Not reported                      Paid penalty amount: Not reported</p> <p>Regulation violated: SR - rule 808c(1)(a)                  Area of violation: Generators - General                  Date violation determined: 2002-01-28 00:00:00.0                  Date achieved compliance: 2003-09-10 00:00:00.0                  Violation lead agency: State                      Enforcement action: NOT A SIGNIFICANT NON-COMPLIER                      Enforcement action date: 2002-01-28 00:00:00.0                      Enf. disposition status: Not reported                      Enf. disp. status date: Not reported                      Enforcement lead agency: State                      Proposed penalty amount: Not reported                      Final penalty amount: Not reported                      Paid penalty amount: Not reported</p> <p>Regulation violated: SR - rule 803e(1)                  Area of violation: Generators - General                  Date violation determined: 2002-01-28 00:00:00.0                  Date achieved compliance: 2003-09-10 00:00:00.0                  Violation lead agency: State                      Enforcement action: NOT A SIGNIFICANT NON-COMPLIER                      Enforcement action date: 2002-01-28 00:00:00.0                      Enf. disposition status: Not reported                      Enf. disp. status date: Not reported                      Enforcement lead agency: State                      Proposed penalty amount: Not reported                      Final penalty amount: Not reported                      Paid penalty amount: Not reported</p> <p>Regulation violated: SR - rule 803e(1)                  Area of violation: Generators - General</p>
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ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810c(1)(2)(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(2)d(1)(b)(c)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i 810g  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(3)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0

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Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 703e(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i 803d(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i 810g  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(2)d(1)(b)(c)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(4)1,2  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(4)1,2  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(5)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 502a  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State



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Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 502a  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 812d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(5)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 812d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER

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Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810 e  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(1)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810c(1)(2)(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(1)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0

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Site \_\_\_\_\_ Database(s) \_\_\_\_\_ EDR ID Number  
 \_\_\_\_\_ EPA ID Number \_\_\_\_\_

**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803f(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i 803d(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803e(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(1)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803f(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 703e(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(5)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i 803d(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 502a  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(2)d(1)(b)(c)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 702b(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i803 d(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i 803d(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(3)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(5)  
Area of violation: Generators - General  
Date violation determined: 2002-01-28 00:00:00.0  
Date achieved compliance: 2003-09-10 00:00:00.0  
Violation lead agency: State  
Enforcement action: SIGNIFICANT NON-COMPLIER  
Enforcement action date: 2002-07-16 00:00:00.0  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80000  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - rule 810 e  
Area of violation: Generators - General  
Date violation determined: 2002-01-28 00:00:00.0  
Date achieved compliance: 2003-09-10 00:00:00.0  
Violation lead agency: State  
Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
Enforcement action date: 2003-09-10 00:00:00.0  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - rule 810c(1)(2)(3)  
Area of violation: Generators - General  
Date violation determined: 2002-01-28 00:00:00.0  
Date achieved compliance: 2003-09-10 00:00:00.0  
Violation lead agency: State  
Enforcement action: SIGNIFICANT NON-COMPLIER  
Enforcement action date: 2002-01-28 00:00:00.0  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(2)d(1)(b)(c)  
Area of violation: Generators - General  
Date violation determined: 2002-01-28 00:00:00.0  
Date achieved compliance: 2003-09-10 00:00:00.0  
Violation lead agency: State  
Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
Enforcement action date: 2002-07-16 00:00:00.0  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80000  
Final penalty amount: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(4)1,2  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 812d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 812d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803f(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Regulation violated: SR - rule 803e(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i 810g  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i 803d(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803f(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810c(1)(2)(3)

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 702b(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(5)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i803 d(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 703e(2)  
 Area of violation: Generators - General

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803f(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(3)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i 810g  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(3)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Date achieved compliance:	2003-09-10 00:00:00.0
Violation lead agency:	State
Enforcement action:	NOT A SIGNIFICANT NON-COMPLIER
Enforcement action date:	2002-01-28 00:00:00.0
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported
Regulation violated:	SR - rule 803f(4)
Area of violation:	Generators - General
Date violation determined:	2002-01-28 00:00:00.0
Date achieved compliance:	2003-09-10 00:00:00.0
Violation lead agency:	State
Enforcement action:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date:	2002-01-28 00:00:00.0
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported
Regulation violated:	SR - rule 803f(4)
Area of violation:	Generators - General
Date violation determined:	2002-01-28 00:00:00.0
Date achieved compliance:	2003-09-10 00:00:00.0
Violation lead agency:	State
Enforcement action:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date:	2002-07-16 00:00:00.0
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	80000
Final penalty amount:	Not reported
Paid penalty amount:	Not reported
Regulation violated:	SR - rule i 810g
Area of violation:	Generators - General
Date violation determined:	2002-01-28 00:00:00.0
Date achieved compliance:	2003-09-10 00:00:00.0
Violation lead agency:	State
Enforcement action:	NOT A SIGNIFICANT NON-COMPLIER
Enforcement action date:	2002-07-16 00:00:00.0
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	80000
Final penalty amount:	Not reported
Paid penalty amount:	Not reported
Regulation violated:	SR - rule 502a
Area of violation:	Generators - General
Date violation determined:	2002-01-28 00:00:00.0
Date achieved compliance:	2003-09-10 00:00:00.0

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(5)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i803 d(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(5)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State

ZIP CODE FINDINGS

Site \_\_\_\_\_ Database(s) \_\_\_\_\_ EDR ID Number  
 \_\_\_\_\_ EPA ID Number

**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(2)d(1)(b)(c)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 702b(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 502a  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810 e  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(4)1,2  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 502a  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810 e  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(3)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803e(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(4)1,2  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i803 d(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810c(1)(2)(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 812d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(2)d(1)(b)(c)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 502a  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 812d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

1000204275

Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 702b(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 702b(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State

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Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i803 d(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i803 d(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(4)1,2  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - rule 803f(4)  
Area of violation: Generators - General  
Date violation determined: 2002-01-28 00:00:00.0  
Date achieved compliance: 2003-09-10 00:00:00.0  
Violation lead agency: State  
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Enforcement action date: 2003-09-10 00:00:00.0  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - rule 702b(1)  
Area of violation: Generators - General  
Date violation determined: 2002-01-28 00:00:00.0  
Date achieved compliance: 2003-09-10 00:00:00.0  
Violation lead agency: State  
Enforcement action: SIGNIFICANT NON-COMPLIER  
Enforcement action date: 2002-07-16 00:00:00.0  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80000  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - rule 703e(2)  
Area of violation: Generators - General  
Date violation determined: 2002-01-28 00:00:00.0  
Date achieved compliance: 2003-09-10 00:00:00.0  
Violation lead agency: State  
Enforcement action: SIGNIFICANT NON-COMPLIER  
Enforcement action date: 2002-07-16 00:00:00.0  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80000  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - rule i803 d(3)  
Area of violation: Generators - General  
Date violation determined: 2002-01-28 00:00:00.0  
Date achieved compliance: 2003-09-10 00:00:00.0  
Violation lead agency: State  
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Enforcement action date: 2002-07-16 00:00:00.0  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80000  
Final penalty amount: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Paid penalty amount: Not reported

Regulation violated: SR - rule 803d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(3)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(3)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(1)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

1000204275

Regulation violated: SR - rule i 803d(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(1)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(4)1,2  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 502a  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 703e(2)

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Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 703e(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 812d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810 e  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(2)d(1)(b)(c)  
 Area of violation: Generators - General

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Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(5)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810c(1)(2)(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(3)(a)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803e(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0



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Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

1000204275

Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(4)1,2  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810 e  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810c(1)(2)(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 704d(2)d(1)(b)(c)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 702b(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 808c(5)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810c(1)(2)(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 803f(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State

ZIP CODE FINDINGS

Site \_\_\_\_\_ Database(s) \_\_\_\_\_ EDR ID Number  
 \_\_\_\_\_ EPA ID Number

**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 703e(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 810c(1)(2)(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 703e(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 812d(2)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Enforcement action date: 2002-01-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i803 d(3)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-07-16 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: 80000  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule 702b(1)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i 803d(4)  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2003-09-10 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: SR - rule i 810g  
 Area of violation: Generators - General  
 Date violation determined: 2002-01-28 00:00:00.0  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Violation lead agency: State  
 Enforcement action: NOT A SIGNIFICANT NON-COMPLIER  
 Enforcement action date: 2002-01-28 00:00:00.0

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

1000204275

Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 2001-05-07 00:00:00.0  
 Evaluation: INITIAL 3008(A) COMPLIANCE  
 Area of violation: Generators - General  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Evaluation lead agency: State

Evaluation date: 2001-05-07 00:00:00.0  
 Evaluation: WRITTEN INFORMAL  
 Area of violation: Generators - General  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Evaluation lead agency: State

Evaluation date: 2001-05-07 00:00:00.0  
 Evaluation: FINAL 3008(A) COMPLIANCE ORDER  
 Area of violation: Generators - General  
 Date achieved compliance: 2003-09-10 00:00:00.0  
 Evaluation lead agency: State

ROD:

Name: PAPELERA PUERTORRIQUENA, INC.  
 Address: RD 111 KM 1.8, VIVI ABAJO WARD  
 City,State,Zip: UTUADO, PR 00641  
 EPA ID: PRD090290685  
 RG: 2  
 Site ID: 205848  
 Action: GOVT Decision Document (ROD)  
 Operable Unit Number: ENTIRE SITE  
 SEQ ID: 1  
 Action Completion: 2017-09-29 00:00:00  
 NPL Status: Final  
 Non NPL Status: Not reported

NJ MANIFEST:

EPA Id: PRD090290685  
 Mail Address: APARTADO #40  
 Mail City/State/Zip: UTUADO, PR 00761  
 Facility Phone: Not reported  
 Emergency Phone: Not reported  
 Contact: JOSE JUAN RIOS  
 Comments: Not reported  
 SIC Code: Not reported  
 County: PR141  
 Municipal: Not reported  
 Previous EPA Id: Not reported  
 Gen Flag: Not reported  
 Trans Flag: Not reported  
 TSD Flag: Not reported  
 Name Change: Not reported  
 Date Change: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Manifest:

Manifest Number:	006234974JJK
EPA ID:	PRD090290685
Date Shipped:	07/30/2009
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	PRD090559360
Transporter 3 EPA ID:	NJD054126164
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/30/2009
Date Trans2 Transported Waste:	08/05/2009
Date Trans3 Transported Waste:	08/17/2009
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/19/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	UTUADO, PR 00761
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H141
Quantity:	300 P
Manifest Year:	Not reported
Waste Code:	D011
Hand Code:	H141
Quantity:	55 G

Manifest Number:	006234970JJK
EPA ID:	PRD090290685
Date Shipped:	07/30/2009

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

1000204275

TSDF EPA ID:	NJD002200046
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	PRD090559360
Transporter 3 EPA ID:	NJD054126164
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/30/2009
Date Trans2 Transported Waste:	08/05/2009
Date Trans3 Transported Waste:	08/14/2009
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/18/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	UTUADO, PR 00761
Reason Load Was Rejected:	Not reported
<b>Waste:</b>	
Manifest Year:	Not reported
Waste Code:	D009
Hand Code:	H141
Quantity:	10 P
Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	150 P
Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	30 P
Manifest Year:	Not reported
Waste Code:	D002
Hand Code:	H061
Quantity:	10 P

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUENA, INC. (Continued)**

**1000204275**

Manifest Year: Not reported  
 Waste Code: D002  
 Hand Code: H141  
 Quantity: 10 P

Manifest Year: Not reported  
 Waste Code: D005  
 Hand Code: H111  
 Quantity: 10 P

Manifest Year: Not reported  
 Waste Code: D002  
 Hand Code: H141  
 Quantity: 30 P

Manifest Year: Not reported  
 Waste Code: D008  
 Hand Code: H141  
 Quantity: 10 P

Manifest Year: Not reported  
 Waste Code: D002  
 Hand Code: H141  
 Quantity: 150 P

Manifest Year: Not reported  
 Waste Code: D001  
 Hand Code: H061  
 Quantity: 40 P

Manifest Year: Not reported  
 Waste Code: D001  
 Hand Code: H141  
 Quantity: 10 P

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**PAPELERA PUERTORRIQUENA, INC.  
 RD 111 KM 1.8, VIVI ABAJO WARD  
 UTUADO, PR 00641**

**FINDS 1023396378  
 N/A**

**FINDS:**

Registry ID: 110067349293  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110067349293](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110067349293)

Environmental Interest/Information System:  
 SUPERFUND NPL

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**MUNICIPALITY OF UTUADO  
RD 111, KM 3.1  
UTUADO, PR 00641**

**FTTS 1008217386  
HIST FTTS N/A**

**FTTS:**

Case Number: Not reported  
 Docket Number: T-02-2005-9301  
 Complaint Issue Date: 02/03/05  
 Abatement Amount: 0.0000  
 Proposed Penalty: 35200.0000  
 Final Assessment: 25000.0000  
 Final Order Date: 12/21/05  
 Close Date: / /  
 Violations(s): PCB, Label or Marking  
 Disposal; Environ Release, PCB Item in Use  
 Use; Fail to Inspect/Make Recs of Inspect  
 PCB, Failure to Report

**HIST FTTS:**

Case Number: Not reported  
 Docket Number: T-02-2005-9301  
 Complaint Issue Date: 02/03/2005  
 Abatement Amount: 0.0000  
 Proposed Penalty: 35200.0000  
 Final Assessment: 25000.0000  
 Final Order Date: 12/21/2005  
 Close Date: / /  
 Violations(s): PCB, Label or Marking  
 Disposal; Environ Release, PCB Item in Use  
 Use; Fail to Inspect/Make Recs of Inspect  
 PCB, Failure to Report

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**ADVANCED WWTP UTUADO - CONSTRUCTORA ORAMA-PRR10B70  
PR 123 KM 60.0  
UTUADO, PR 00641**

**ICIS 1018309809  
N/A**

**ICIS:**

Enforcement Action ID: 02-2007-3333  
 FRS ID: 110041198708  
 Action Name: Constructora Orama, S.E.  
 Facility Name: ADVANCED WWTP UTUADO - CONSTRUCTORA ORAMA-PRR10B704  
 Facility Address: PR 123 KM 60.0  
 UTUADO, PR 00641  
 Enforcement Action Type: CWA 309G2E AO For Class I Penalties - Storm Water Construction Expedited Settlement Program  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 309G2E  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.266421  
 Longitude in Decimal Degrees: -66.715036  
 Permit Type Desc: Not reported  
 Program System Acronym: 7826006  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ADVANCED WWTP UTUADO - CONSTRUCTORA ORAMA-PRR10B704 (Continued)**

**1018309809**

Enforcement Action ID: 02-2006-3070  
 FRS ID: 110041198708  
 Action Name: Constructora Orama, S.E.  
 Facility Name: ADVANCED WWTP UTUADO - CONSTRUCTORA ORAMA-PRR10B704  
 Facility Address: PR 123 KM 60.0  
 UTUADO, PR 00641  
 Enforcement Action Type: CWA 309A AO For Compliance  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 309A  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.266421  
 Longitude in Decimal Degrees: -66.715036  
 Permit Type Desc: Not reported  
 Program System Acronym: 7826006  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: PRASA UTUADO NEW WWTP  
 Address: ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 1629

Facility Name: PRASA UTUADO NEW WWTP  
 Address: ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4619

Facility Name: PRASA UTUADO NEW WWTP  
 Address: ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4952

Facility Name: PRASA UTUADO NEW WWTP  
 Address: ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 1629

Facility Name: PRASA UTUADO NEW WWTP  
 Address: ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4619

Facility Name: PRASA UTUADO NEW WWTP

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ADVANCED WWTP UTUADO - CONSTRUCTORA ORAMA-PRR10B704 (Continued)**

**1018309809**

Address: ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4952

Facility Name: PRASA UTUADO NEW WWTP  
 Address: ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 1629

Facility Name: PRASA UTUADO NEW WWTP  
 Address: ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4619

Facility Name: PRASA UTUADO NEW WWTP  
 Address: ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4952

Facility Name: PRASA UTUADO NEW WWTP  
 Address: ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 1629

Facility Name: PRASA UTUADO NEW WWTP  
 Address: ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4619

Facility Name: PRASA UTUADO NEW WWTP  
 Address: ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4952

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA - NEW UTUADO WASTEWATER TREATMENT PLT  
PR 123 KM 60.8 BO SALTO ABAJO  
UTUADO, PR 00641**

**RCRA-VSQG 1014401125  
MANIFEST PRR000022681**

RCRA-VSQG:

Date form received by agency: 2010-06-17 00:00:00.0  
 Facility name: PRASA - NEW UTUADO WASTEWATER TREATMENT PLT  
 Facility address: PR 123 KM 60.8 BO SALTO ABAJO  
 UTUADO, PR 00641  
 EPA ID: PRR000022681  
 Mailing address: ENVIRONMENTAL DEPT  
 PO BOX 7066  
 SAN JUAN, PR 00916-7066  
 Contact: HERIBERTO TORRES  
 Contact address: ENVIRONMENTAL DEPT PO BOX 7066  
 SAN JUAN, PR 00916-7066  
 Contact country: US  
 Contact telephone: 787-406-9769  
 Contact email: Not reported  
 EPA Region: 02  
 Classification: Conditionally Exempt Small Quantity Generator  
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: PUERTO RICO AQUEDUCT & SEWER AUTHORITY  
 Owner/operator address: Not reported  
 Not reported  
 Owner/operator country: US  
 Owner/operator telephone: Not reported  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: State  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1975-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: PUERTO RICO AQUEDUCT & SEWER AUTHORITY  
 Owner/operator address: PO BOX 7066  
 SAN JUAN, PR 00916  
 Owner/operator country: US  
 Owner/operator telephone: Not reported  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: State

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA - NEW UTUADO WASTEWATER TREATMENT PLT (Continued)**

1014401125

Owner/Operator Type: Owner  
 Owner/Op start date: 1975-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Hazardous Waste Summary:

. Waste code: F001  
 . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:  
 TETRACHLOROETHYLENE, TRICHTHLORETHYLENE, METHYLENE CHLORIDE,  
 1,1,1-TRICHTHLORETHANE, CARBON TETRACHLORIDE AND CHLORINATED  
 FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING  
 CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF  
 ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED  
 IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE  
 SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: LABP  
 . Waste name: LAB PACK

Violation Status: No violations found

NJ MANIFEST:

EPA Id: PRR000022681  
 Mail Address: ENVIRONMENTAL DEPT  
 Mail City/State/Zip: SAN JUAN, PR 00916-7066  
 Facility Phone: Not reported  
 Emergency Phone: Not reported  
 Contact: HERIBERTO TORRES  
 Comments: Not reported  
 SIC Code: Not reported  
 County: PR141  
 Municipal: Not reported  
 Previous EPA Id: Not reported  
 Gen Flag: Not reported  
 Trans Flag: Not reported  
 TSD Flag: Not reported  
 Name Change: Not reported  
 Date Change: Not reported

Manifest:

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA - NEW UTUADO WASTEWATER TREATMENT PLT (Continued)**

1014401125

Manifest Number:	013533718JJK
EPA ID:	PRR000022681
Date Shipped:	10/6/2015
TSDf EPA ID:	NJD002200046
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDf Received Waste:	Not reported
TSDf EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	SAN JUAN, PR 00916-7066
Reason Load Was Rejected:	Not reported

Manifest Number:	006234848JJK
EPA ID:	PRR000022681
Date Shipped:	07/01/2010
TSDf EPA ID:	NJD002200046
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	PRD090559360
Transporter 3 EPA ID:	NJD054126164
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/01/2010
Date Trans2 Transported Waste:	07/08/2010

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA - NEW UTUADO WASTEWATER TREATMENT PLT (Continued)**

**1014401125**

Date Trans3 Transported Waste: 07/21/2010  
 Date Trans4 Transported Waste: Not reported  
 Date Trans5 Transported Waste: Not reported  
 Date Trans6 Transported Waste: Not reported  
 Date Trans7 Transported Waste: Not reported  
 Date Trans8 Transported Waste: Not reported  
 Date Trans9 Transported Waste: Not reported  
 Date Trans10 Transported Waste: Not reported  
 Date TSDf Received Waste: 07/21/2010  
 TSDf EPA Facility Name: Not reported  
 QTY Units: Not reported  
 Transporter SEQ ID: Not reported  
 Transporter-1 Date: Not reported  
 Waste SEQ ID: Not reported  
 Waste Type Code 2: Not reported  
 Waste Type Code 3: Not reported  
 Waste Type Code 4: Not reported  
 Waste Type Code 5: Not reported  
 Waste Type Code 6: Not reported  
 Date Accepted: Not reported  
 Manifest Discrepancy Type: Not reported  
 Data Entry Number: Not reported  
 Was Load Rejected: SAN JUAN, PR 00916-7066  
 Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported  
 Waste Code: D002  
 Hand Code: H141  
 Quantity: 20 P

Manifest Year: Not reported  
 Waste Code: D009  
 Hand Code: H141  
 Quantity: 150 P

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**UCR UTUADO**  
**RD 140 KM 39.2**  
**UTUADO, PR 00641**

**UST U003431183**  
**N/A**

UST:

Facility ID: 2-890142  
 Tank Status: Permanently Out of Use  
 Substance Description: Diesel

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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<b>COANILLAS I, HYDROELECTRIC PLANT ALONSO WARD, RD. 612 (AT END) UTUADO, PR 00641</b>	<b>PCB TRANSFORMER</b>	<b>1014622944 N/A</b>
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PCB TRANSFORMER:

Name:	COANILLAS I, HYDROELECTRIC PLANT
Address:	ALONSO WARD, RD. 612 (AT END)
City,State,Zip:	UTUADO, PR 00641
Company Name:	Puerto Rico Electric Power Authority
Company Address:	1110 Ponce de Leon Ave
Contact Name:	Eng. Juan Alcaraz
Contact Phone:	787-289-4975
Transformer Location ID:	2
Record ID:	2448
Number of Transformers:	Not reported
Weight kgs:	159
Flammable:	No
Office Region:	2
Officer Title:	Substances & Wastes Management Section Supervisor
Officer Name:	Juan Alcaraz
Number of Remaining Transformers:	2
Date assigned:	2000-12-22 00:00:00
Date De-Registered/ Latest Removal Date:	Not reported

<b>GABRIEL LAUNDROMAT &amp; DRYCLEANER AREA COMERCIAL URB. CABRERA UTUADO, PR 00641</b>	<b>ICIS US AIRS</b>	<b>1004591730 N/A</b>
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ICIS:

Enforcement Action ID:	PR000A0000721410000100005
FRS ID:	110007175653
Action Name:	GABRIEL LAUNDROMAT & DRYCLEANER 721410000100005
Facility Name:	GABRIEL LAUNDROMAT & DRYCLEANER
Facility Address:	AREA COMERCIAL URB. CABRERA UTUADO, PR 00641
Enforcement Action Type:	Notice of Violation
Facility County:	UTUADO
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	7216
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	Not reported
Longitude in Decimal Degrees:	Not reported
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007214100001
Facility NAICS Code:	812320
Tribal Land Code:	Not reported

US AIRS MINOR:

Envid:	1004591730
Region Code:	02
Programmatic ID:	AIR PR0000007214100001
Facility Registry ID:	110007175653
D and B Number:	Not reported
Primary SIC Code:	7216
NAICS Code:	812320
Default Air Classification Code:	MIN



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**GABRIEL LAUNDROMAT & DRYCLEANER (Continued)**

**1004591730**

Facility Type of Ownership Code: POF  
 Air CMS Category Code: Not reported  
 HPV Status: Not reported

**US AIRS MINOR:**

Region Code: 02  
 Programmatic ID: AIR PR0000007214100001  
 Facility Registry ID: 110007175653  
 Air Operating Status Code: OPR  
 Default Air Classification Code: MIN  
 Air Program: MACT Standards (40 CFR Part 63)  
 Activity Date: 1997-09-29 00:00:00  
 Activity Status Date: Not reported  
 Activity Group: Compliance Monitoring  
 Activity Type: Inspection/Evaluation  
 Activity Status: Not reported

Region Code: 02  
 Programmatic ID: AIR PR0000007214100001  
 Facility Registry ID: 110007175653  
 Air Operating Status Code: OPR  
 Default Air Classification Code: MIN  
 Air Program: MACT Standards (40 CFR Part 63)  
 Activity Date: 1999-06-18 00:00:00  
 Activity Status Date: Not reported  
 Activity Group: Compliance Monitoring  
 Activity Type: Inspection/Evaluation  
 Activity Status: Not reported

Region Code: 02  
 Programmatic ID: AIR PR0000007214100001  
 Facility Registry ID: 110007175653  
 Air Operating Status Code: OPR  
 Default Air Classification Code: MIN  
 Air Program: MACT Standards (40 CFR Part 63)  
 Activity Date: 2000-06-20 00:00:00  
 Activity Status Date: Not reported  
 Activity Group: Compliance Monitoring  
 Activity Type: Inspection/Evaluation  
 Activity Status: Not reported

Region Code: 02  
 Programmatic ID: AIR PR0000007214100001  
 Facility Registry ID: 110007175653  
 Air Operating Status Code: OPR  
 Default Air Classification Code: MIN  
 Air Program: MACT Standards (40 CFR Part 63)  
 Activity Date: 2001-08-31 00:00:00  
 Activity Status Date: Not reported  
 Activity Group: Compliance Monitoring  
 Activity Type: Inspection/Evaluation  
 Activity Status: Not reported

Region Code: 02  
 Programmatic ID: AIR PR0000007214100001  
 Facility Registry ID: 110007175653  
 Air Operating Status Code: OPR  
 Default Air Classification Code: MIN

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>GABRIEL LAUNDROMAT &amp; DRYCLEANER (Continued)</b>		<b>1004591730</b>
Air Program:	MACT Standards (40 CFR Part 63)	
Activity Date:	2001-09-04 00:00:00	
Activity Status Date:	2001-09-04 00:00:00	
Activity Group:	Enforcement Action	
Activity Type:	Administrative - Informal	
Activity Status:	Achieved	
Region Code:	02	
Programmatic ID:	AIR PR0000007214100001	
Facility Registry ID:	110007175653	
Air Operating Status Code:	OPR	
Default Air Classification Code:	MIN	
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards	
Activity Date:	Not reported	
Activity Status Date:	2014-10-19 00:00:00	
Activity Group:	Case File	
Activity Type:	Case File	
Activity Status:	Case File Data Entered	
Region Code:	02	
Programmatic ID:	AIR PR0000007214100001	
Facility Registry ID:	110007175653	
Air Operating Status Code:	OPR	
Default Air Classification Code:	MIN	
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards	
Activity Date:	2001-08-31 00:00:00	
Activity Status Date:	Not reported	
Activity Group:	Compliance Monitoring	
Activity Type:	Inspection/Evaluation	
Activity Status:	Not reported	
Region Code:	02	
Programmatic ID:	AIR PR0000007214100001	
Facility Registry ID:	110007175653	
Air Operating Status Code:	OPR	
Default Air Classification Code:	MIN	
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards	
Activity Date:	2001-09-04 00:00:00	
Activity Status Date:	2001-09-04 00:00:00	
Activity Group:	Enforcement Action	
Activity Type:	Administrative - Informal	
Activity Status:	Achieved	
US AIRS MINOR:		
Envid:	1004591730	
Region Code:	02	
Programmatic ID:	AIR PR0000007214100001	
Facility Registry ID:	110007175653	
D and B Number:	Not reported	
Primary SIC Code:	7216	
NAICS Code:	812320	
Default Air Classification Code:	MIN	
Facility Type of Ownership Code:	POF	
Air CMS Category Code:	Not reported	
HPV Status:	Not reported	

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**GABRIEL LAUNDROMAT & DRYCLEANER (Continued)**

**1004591730**

US AIRS MINOR:

Region Code: 02  
 Programmatic ID: AIR PR0000007214100001  
 Facility Registry ID: 110007175653  
 Air Operating Status Code: OPR  
 Default Air Classification Code: MIN  
 Air Program: MACT Standards (40 CFR Part 63)  
 Activity Date: 1997-09-29 00:00:00  
 Activity Status Date: Not reported  
 Activity Group: Compliance Monitoring  
 Activity Type: Inspection/Evaluation  
 Activity Status: Not reported

Region Code: 02  
 Programmatic ID: AIR PR0000007214100001  
 Facility Registry ID: 110007175653  
 Air Operating Status Code: OPR  
 Default Air Classification Code: MIN  
 Air Program: MACT Standards (40 CFR Part 63)  
 Activity Date: 1999-06-18 00:00:00  
 Activity Status Date: Not reported  
 Activity Group: Compliance Monitoring  
 Activity Type: Inspection/Evaluation  
 Activity Status: Not reported

Region Code: 02  
 Programmatic ID: AIR PR0000007214100001  
 Facility Registry ID: 110007175653  
 Air Operating Status Code: OPR  
 Default Air Classification Code: MIN  
 Air Program: MACT Standards (40 CFR Part 63)  
 Activity Date: 2000-06-20 00:00:00  
 Activity Status Date: Not reported  
 Activity Group: Compliance Monitoring  
 Activity Type: Inspection/Evaluation  
 Activity Status: Not reported

Region Code: 02  
 Programmatic ID: AIR PR0000007214100001  
 Facility Registry ID: 110007175653  
 Air Operating Status Code: OPR  
 Default Air Classification Code: MIN  
 Air Program: MACT Standards (40 CFR Part 63)  
 Activity Date: 2001-08-31 00:00:00  
 Activity Status Date: Not reported  
 Activity Group: Compliance Monitoring  
 Activity Type: Inspection/Evaluation  
 Activity Status: Not reported

Region Code: 02  
 Programmatic ID: AIR PR0000007214100001  
 Facility Registry ID: 110007175653  
 Air Operating Status Code: OPR  
 Default Air Classification Code: MIN  
 Air Program: MACT Standards (40 CFR Part 63)  
 Activity Date: 2001-09-04 00:00:00  
 Activity Status Date: 2001-09-04 00:00:00

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>GABRIEL LAUNDROMAT &amp; DRYCLEANER (Continued)</b>		<b>1004591730</b>
Activity Group:	Enforcement Action	
Activity Type:	Administrative - Informal	
Activity Status:	Achieved	
Region Code:	02	
Programmatic ID:	AIR PR0000007214100001	
Facility Registry ID:	110007175653	
Air Operating Status Code:	OPR	
Default Air Classification Code:	MIN	
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards	
Activity Date:	Not reported	
Activity Status Date:	2014-10-19 00:00:00	
Activity Group:	Case File	
Activity Type:	Case File	
Activity Status:	Case File Data Entered	
Region Code:	02	
Programmatic ID:	AIR PR0000007214100001	
Facility Registry ID:	110007175653	
Air Operating Status Code:	OPR	
Default Air Classification Code:	MIN	
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards	
Activity Date:	2001-08-31 00:00:00	
Activity Status Date:	Not reported	
Activity Group:	Compliance Monitoring	
Activity Type:	Inspection/Evaluation	
Activity Status:	Not reported	
Region Code:	02	
Programmatic ID:	AIR PR0000007214100001	
Facility Registry ID:	110007175653	
Air Operating Status Code:	OPR	
Default Air Classification Code:	MIN	
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards	
Activity Date:	2001-09-04 00:00:00	
Activity Status Date:	2001-09-04 00:00:00	
Activity Group:	Enforcement Action	
Activity Type:	Administrative - Informal	
Activity Status:	Achieved	

**GABRIEL LAUNDROMAT & DRYCLEANER  
AREA COMERCIAL URB. CABRERA  
UTUADO, PR 00641**

**FINDS 1016219387  
ECHO N/A**

**FINDS:**

Registry ID: 110007175653  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110007175653](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007175653)

**Environmental Interest/Information System:**

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**GABRIEL LAUNDROMAT & DRYCLEANER (Continued)**

**1016219387**

to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.  
AIR MINOR

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016219387  
 Registry ID: 110007175653  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007175653>  
 Name: GABRIEL LAUNDROMAT & DRYCLEANER  
 Address: AREA COMERCIAL URB. CABRERA  
 City,State,Zip: UTUADO, PR 00641

**PR PUBLIC HOUSING ADMIN FERNANDO GARCIA  
 AVE RIVAS DOMINICHI KM 1.4  
 UTUADO, PR 00641**

**RCRA NonGen / NLR**

**1001215998  
 PRR000007559**

**RCRA NonGen / NLR:**

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: PR PUBLIC HOUSING ADMIN FERNANDO GARCIA  
 Facility address: AVE RIVAS DOMINICHI KM 1.4  
 CARR 111 BO VIVI ABAJO LADO  
 UTUADO, PR 00641  
 EPA ID: PRR000007559  
 Mailing address: PO BOX 363188  
 SAN JUAN, PR 00936-3188  
 Contact: Not reported  
 Contact address: PO BOX 363188  
 SAN JUAN, PR 00936-3188  
 Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: PR PUBLIC HOUSING ADMIN  
 Owner/operator address: PO BOX 363188  
 SAN JUAN, PR 00936  
 Owner/operator country: US  
 Owner/operator telephone: 787-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: State  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported  
 Owner/operator name: PR PUBLIC HOUSING ADMIN  
 Owner/operator address: PO BOX 363188  
 SAN JUAN, PR 00936  
 Owner/operator country: US

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PR PUBLIC HOUSING ADMIN FERNANDO GARCIA (Continued)**

**1001215998**

Owner/operator telephone: 787-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: State  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: PR PUBLIC HOUSING ADMIN FERNANDO GARCIA  
 Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0  
 Site name: PR PUBLIC HOUSING ADMIN FERNANDO GARCIA  
 Classification: Not a generator, verified

Date form received by agency: 1997-10-01 00:00:00.0  
 Site name: PR PUBLIC HOUSING ADMIN FERNANDO GARCIA  
 Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000  
 . Waste name: Not Defined

. Waste code: D007  
 . Waste name: CHROMIUM

. Waste code: D008  
 . Waste name: LEAD

Violation Status: No violations found

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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<b>PR PUBLIC HOUSING ADMIN FERNANDO GARCIA AVE RIVAS DOMINICHI KM 1.4 UTUADO, PR 00641</b>	<b>FINDS ECHO</b>	<b>1016239625 N/A</b>
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FINDS:

Registry ID: 110007820536  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110007820536](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110007820536)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

ECHO:

Envid: 1016239625  
 Registry ID: 110007820536  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007820536>  
 Name: PR PUBLIC HOUSING ADMIN FERNANDO GARCIA  
 Address: AVE RIVAS DOMINICHI KM 1.4  
 City,State,Zip: UTUADO, PR 00641

<b>AAA AVE. FERNANDO RIVAS DOMINICHI UTUADO, PR 00641</b>	<b>FINDS</b>	<b>1024420425 N/A</b>
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FINDS:

Registry ID: 110070339079  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110070339079](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110070339079)

Environmental Interest/Information System:

OSHA ESTABLISHMENT

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

<b>PAPELERA PUERTORRIQUENA, INC. AVE. FERNANDO L. RIBAS DOMINICCARR. 111 KM 1.8 UTUADO, PR 00641</b>	<b>FINDS</b>	<b>1024391554 N/A</b>
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FINDS:

Registry ID: 110070298174  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110070298174](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110070298174)

Environmental Interest/Information System:

OSHA ESTABLISHMENT

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**MUNICIPALITY OF UTUADO  
BALDORIOTY & ESTEVES ST  
UTUADO, PR 00641**

**RCRA NonGen / NLR 1004779276  
PRR000013946**

RCRA NonGen / NLR:

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: MUNICIPALITY OF UTUADO  
 Facility address: BALDORIOTY & ESTEVES ST  
 UTUADO, PR 00641  
 EPA ID: PRR000013946  
 Mailing address: PO BOX 190  
 UTUADO, PR 00641  
 Contact: ALAN GONZALEZ  
 Contact address: PO BOX 190  
 UTUADO, PR 00641  
 Contact country: US  
 Contact telephone: 787-894-3505  
 Contact email: Not reported  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MUNICIPALITY OF UTUADO  
 Owner/operator address: PO BOX 190  
 UTUADO, PR 00641  
 Owner/operator country: US  
 Owner/operator telephone: 787-894-3505  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Municipal  
 Owner/Operator Type: Owner  
 Owner/Op start date: 2001-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: MUNICIPALITY OF UTUADO  
 Owner/operator address: PO BOX 190  
 UTUADO, PR 00641  
 Owner/operator country: US  
 Owner/operator telephone: 787-894-3505  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Municipal  
 Owner/Operator Type: Operator  
 Owner/Op start date: 2001-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**MUNICIPALITY OF UTUADO (Continued)**

**1004779276**

Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: MUNICIPALITY OF UTUADO  
 Classification: Not a generator, verified

Date form received by agency: 2001-07-09 00:00:00.0  
 Site name: MUNICIPALITY OF UTUADO  
 Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000  
 . Waste name: Not Defined  
  
 Violation Status: No violations found

**MUNICIPALITY OF UTUADO  
 BALDORIOTY & ESTEVES ST  
 UTUADO, PR 00641**

**FINDS 1016245379  
 ECHO N/A**

FINDS:

Registry ID: 110007904580  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110007904580](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007904580)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid: 1016245379  
 Registry ID: 110007904580  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007904580>  
 Name: MUNICIPALITY OF UTUADO  
 Address: BALDORIOTY & ESTEVES ST  
 City,State,Zip: UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**GARAGE PAPITO  
BARRIADA NUEVA 57  
UTUADO, PR 00641**

**RCRA NonGen / NLR 1001128239  
PRN008005365**

RCRA NonGen / NLR:

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: GARAGE PAPITO  
 Facility address: BARRIADA NUEVA 57  
 UTUADO, PR 00641  
 EPA ID: PRN008005365  
 Contact: CARLOS MALDONADO  
 Contact address: BARRIADA NUEVA 57  
 UTUADO, PR 00641  
 Contact country: US  
 Contact telephone: 787-894-2567  
 Contact email: Not reported  
 EPA Region: 02  
 Land type: Private  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NON REGULATED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, PR 99999  
 Owner/operator country: US  
 Owner/operator telephone: 787-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: NON REGULATED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, PR 99999  
 Owner/operator country: US  
 Owner/operator telephone: 787-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**GARAGE PAPITO (Continued)**

**1001128239**

Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: GARAGE PAPITO  
 Classification: Not a generator, verified

Date form received by agency: 1997-03-21 00:00:00.0  
 Site name: GARAGE PAPITO  
 Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: NONE  
 . Waste name: None

Facility Has Received Notices of Violations:

Regulation violated: FR - 40 cfr part 279  
 Area of violation: Generators - General  
 Date violation determined: 1997-02-26 00:00:00.0  
 Date achieved compliance: 1999-01-14 00:00:00.0  
 Violation lead agency: EPA  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 1997-05-01 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: EPA  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 1997-02-26 00:00:00.0  
 Evaluation: WRITTEN INFORMAL  
 Area of violation: Generators - General  
 Date achieved compliance: 1999-01-14 00:00:00.0  
 Evaluation lead agency: EPA

**GARAGE PAPITO  
 BARRIADA NUEVA 57  
 UTUADO, PR 00641**

**FINDS 1016202669  
 ECHO N/A**

FINDS:

Registry ID: 110004890501  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110004890501](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110004890501)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**GARAGE PAPITO (Continued)**

**1016202669**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016202669  
 Registry ID: 110004890501  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004890501>  
 Name: GARAGE PAPITO  
 Address: BARRIADA NUEVA 57  
 City,State,Zip: UTUADO, PR 00641

**MUNICIPALITY OF UTUADO  
 DR. BETANCES STREET  
 UTUADO, PR 00641**

**FINDS 1016721351  
 ECHO N/A**

**FINDS:**

Registry ID: 110057198447  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110057198447](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110057198447)

**Environmental Interest/Information System:**

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016721351  
 Registry ID: 110057198447  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110057198447>  
 Name: MUNICIPALITY OF UTUADO  
 Address: DR. BETANCES STREET  
 City,State,Zip: UTUADO, PR 00641

**MECANICA SAMMY  
 PO BOX 692  
 UTUADO, PR 00641**

**RCRA NonGen / NLR 1001229714  
 PRO008005373**

**RCRA NonGen / NLR:**

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: MECANICA SAMMY  
 Facility address: PO BOX 692  
 UTUADO, PR 00641  
 EPA ID: PRO008005373  
 Contact: SAMUEL GONZALEZ  
 Contact address: PO BOX 692  
 UTUADO, PR 00641  
 Contact country: US

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**MECANICA SAMMY (Continued)**

1001229714

Contact telephone: 787-894-3385  
 Contact email: Not reported  
 EPA Region: 02  
 Land type: Private  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NON REGULATED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, PR 99999  
 Owner/operator country: US  
 Owner/operator telephone: 787-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: NON REGULATED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, PR 99999  
 Owner/operator country: US  
 Owner/operator telephone: 787-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: MECANICA SAMMY  
 Classification: Not a generator, verified

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**MECANICA SAMMY (Continued)**

**1001229714**

Date form received by agency: 1997-03-21 00:00:00.0  
 Site name: MECANICA SAMMY  
 Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: NONE  
 . Waste name: None

Facility Has Received Notices of Violations:

Regulation violated: FR - 40 cfr part 279  
 Area of violation: Generators - General  
 Date violation determined: 1997-02-26 00:00:00.0  
 Date achieved compliance: 1999-01-14 00:00:00.0  
 Violation lead agency: EPA  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 1997-10-06 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: EPA  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 1997-02-26 00:00:00.0  
 Evaluation: WRITTEN INFORMAL  
 Area of violation: Generators - General  
 Date achieved compliance: 1999-01-14 00:00:00.0  
 Evaluation lead agency: EPA

**MECANICA SAMMY  
 PO BOX 692  
 UTUADO, PR 00641**

**FINDS 1016239156  
 ECHO N/A**

FINDS:

Registry ID: 110007815472  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110007815472](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007815472)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

ECHO:

Envid: 1016239156  
 Registry ID: 110007815472  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007815472>  
 Name: MECANICA SAMMY  
 Address: PO BOX 692  
 City,State,Zip: UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**NATURAL COSMETICS LABORATORY CORP  
PO BOX 67  
UTUADO, PR 00641**

**FINDS 1005654186  
N/A**

**FINDS:**

Registry ID: 110011482234  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110011482234](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110011482234)

**Environmental Interest/Information System:**

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

The FINDS: database may contain additional details for this site.  
Please contact your EDR Account Executive for more information

**FRANCISCO RAMOS  
CALLE DR CUETO  
UTUADO, PR 00641**

**FTTS 1008388047  
HIST FTTS N/A**

**FTTS INSP:**

Inspection Number: 2003080410062 3  
Region: 02  
Inspection Date: 08/04/03  
Inspector: F. CLAUDIO, CR  
Violation occurred: No  
Investigation Type: AHERA, Enforcement, Federal Conducted  
Investigation Reason: Neutral Scheme, Region  
Legislation Code: TSCA  
Facility Function: User

**HIST FTTS INSP:**

Inspection Number: 2003080410062 3  
Region: 02  
Inspection Date: Not reported  
Inspector: F. CLAUDIO, CR  
Violation occurred: No  
Investigation Type: AHERA, Enforcement, Federal Conducted  
Investigation Reason: Neutral Scheme, Region  
Legislation Code: TSCA  
Facility Function: User

**FRANCISCO RAMOS  
CALLE DR CUETO  
UTUADO, PR 00641**

**FINDS 1016335595  
N/A**

**FINDS:**

Registry ID: 110022538663  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110022538663](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110022538663)

**Environmental Interest/Information System:**

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**FRANCISCO RAMOS (Continued)**

**1016335595**

regions and states with cooperative agreements, enforcement actions, and settlements.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**GARAJE CENTRAL  
CALLE DR. CUETO #148 LA PLAYITA  
UTUADO, PR 00641**

**UST U003431189  
N/A**

UST:

Facility ID: 2-890148  
Tank Status: Currently in Use  
Substance Description: Not reported

Facility ID: 2-890148  
Tank Status: Currently in Use  
Substance Description: Not reported

Facility ID: 2-890148  
Tank Status: Currently in Use  
Substance Description: Not reported

Facility ID: 2-890148  
Tank Status: Currently in Use  
Substance Description: Not reported

**OLD UTUADO MUNICIPAL LANDFILL CLEARING  
CALLE MARIA LIBERTAD GOMEZ LAS MARIAS SECTOR  
UTUADO, PR 00641**

**FINDS 1018385024  
ECHO N/A**

FINDS:

Registry ID: 110069484837  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110069484837](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110069484837)

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid: 1018385024  
Registry ID: 110069484837  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069484837>  
Name: OLD UTUADO MUNICIPAL LANDFILL CLEARING  
Address: CALLE MARIA LIBERTAD GOMEZ LAS MARIAS SECTOR  
City,State,Zip: UTUADO, PR 00641



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**SUPER AHORROS #2347  
CALLE #9 CENTRO GUBERNAMENTAL  
UTUADO, PR 00641**

**FINDS 1014907982  
ECHO N/A**

**FINDS:**

Registry ID: 110043860471  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110043860471](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110043860471)

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1014907982  
Registry ID: 110043860471  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110043860471>  
Name: SUPER AHORROS #2347  
Address: CALLE #9 CENTRO GUBERNAMENTAL  
City,State,Zip: UTUADO, PR 00641

**SUPER AHORROS #2347  
CALLE #9 CENTRO GUBERNAMENTAL  
UTUADO, PR 00641**

**RCRA NonGen / NLR 1014921654  
PRR000023796**

**RCRA NonGen / NLR:**

Date form received by agency: 2017-02-17 00:00:00.0  
Facility name: SUPER AHORROS #2347  
Facility address: CALLE #9 CENTRO GUBERNAMENTAL  
UTUADO, PR 00641  
EPA ID: PRR000023796  
Mailing address: PO BOX 8041  
BENTONVILLE, AR 72712-8041  
Contact: ROSE ARNOLD  
Contact address: PO BOX 8041  
BENTONVILLE, AR 72712-8041  
Contact country: US  
Contact telephone: 479-277-8972  
Contact email: ROSE.ARNOLD@WALMART.COM  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: WAL-MART PUERTO RICO INC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**SUPER AHORROS #2347 (Continued)**

**1014921654**

Owner/Operator Type: Operator  
 Owner/Op start date: 2011-07-20 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: WAL-MART PUERTO RICO INC  
 Owner/operator address: Not reported  
 Not reported

Owner/operator country: US  
 Owner/operator telephone: Not reported  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 2011-07-20 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: WAL-MART PUERTO RICO INC  
 Owner/operator address: PO BOX 8041  
 BENTONVILLE, AR 72712

Owner/operator country: US  
 Owner/operator telephone: 479-204-0402  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 2011-07-20 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: WAL-MART PUERTO RICO INC  
 Owner/operator address: PO BOX 8041  
 BENTONVILLE, AR 72712

Owner/operator country: US  
 Owner/operator telephone: 479-204-3517  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 2011-07-20 00:00:00.  
 Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**SUPER AHORROS #2347 (Continued)**

**1014921654**

Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2014-11-03 00:00:00.0  
 Site name: SUPER AHORROS #2347  
 Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 2011-08-10 00:00:00.0  
 Site name: SUPER AHORROS #2347  
 Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D003
- . Waste name: REACTIVE WASTE
  
- . Waste code: D004
- . Waste name: ARSENIC
  
- . Waste code: D005
- . Waste name: BARIUM
  
- . Waste code: D006
- . Waste name: CADMIUM
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D008
- . Waste name: LEAD
  
- . Waste code: D009
- . Waste name: MERCURY
  
- . Waste code: D010
- . Waste name: SELENIUM
  
- . Waste code: D011
- . Waste name: SILVER
  
- . Waste code: D016
- . Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
  
- . Waste code: D018
- . Waste name: BENZENE
  
- . Waste code: D022
- . Waste name: CHLOROFORM

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**SUPER AHORROS #2347 (Continued)**

**1014921654**

- . Waste code: D024
- . Waste name: M-CRESOL
  
- . Waste code: D026
- . Waste name: CRESOL
  
- . Waste code: D027
- . Waste name: 1,4-DICHLOROBENZENE
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
  
- . Waste code: D043
- . Waste name: VINYL CHLORIDE
  
- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
  
- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-(S)-, & SALTS
  
- . Waste code: U002
- . Waste name: 2-PROPANONE (I) (OR) ACETONE (I)
  
- . Waste code: U034
- . Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
  
- . Waste code: U035
- . Waste name: BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
  
- . Waste code: U058
- . Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
  
- . Waste code: U072
- . Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
  
- . Waste code: U080
- . Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
  
- . Waste code: U112
- . Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)
  
- . Waste code: U122
- . Waste name: FORMALDEHYDE
  
- . Waste code: U129
- . Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
  
- . Waste code: U132

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**SUPER AHORROS #2347 (Continued)**

**1014921654**

. Waste name:	HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-
. Waste code:	U134
. Waste name:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
. Waste code:	U150
. Waste name:	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
. Waste code:	U154
. Waste name:	METHANOL (I) (OR) METHYL ALCOHOL (I)
. Waste code:	U159
. Waste name:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
. Waste code:	U165
. Waste name:	NAPHTHALENE
. Waste code:	U182
. Waste name:	1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE
. Waste code:	U188
. Waste name:	PHENOL
. Waste code:	U200
. Waste name:	RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-
. Waste code:	U205
. Waste name:	SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)
. Waste code:	U210
. Waste name:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
. Waste code:	U248
. Waste name:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS
. Waste code:	U249
. Waste name:	ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS
. Waste code:	U279
. Waste name:	CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE
. Waste code:	U409
. Waste name:	CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL
. Waste code:	U411
. Waste name:	PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR
Violation Status:	No violations found

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**#559 - JESUS SANTIAGO**  
**CAR 111, KM 3.9, BO VIVI ABAJO**  
**UTUADO, PR 00641**

**ICIS 1019914574**  
**N/A**

ICIS:  
 Enforcement Action ID: 02-2009-0011  
 FRS ID: 110043705096  
 Action Name: Chevron Puerto Rico, LLC  
 Facility Name: #559 - JESUS SANTIAGO  
 Facility Address: CAR 111, KM 3.9, BO VIVI ABAJO  
 UTUADO, PR 00641  
 Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.26551  
 Longitude in Decimal Degrees: -66.700452  
 Permit Type Desc: Not reported  
 Program System Acronym: 2600012973  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: #559 - JESUS SANTIAGO  
 Address: PR-111 KM 3.9 BO VIVI ABAJO  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: Not reported

**#524 - CASALDUC**  
**CARR 10, KM 2.1**  
**UTUADO, PR 00641**

**ICIS 1019914618**  
**N/A**

ICIS:  
 Enforcement Action ID: 02-2009-0011  
 FRS ID: 110043709751  
 Action Name: Chevron Puerto Rico, LLC  
 Facility Name: #524 - CASALDUC  
 Facility Address: CARR 10, KM 2.1  
 UTUADO, PR 00641  
 Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 25.852132  
 Longitude in Decimal Degrees: -97.531184  
 Permit Type Desc: Not reported  
 Program System Acronym: 2600012957  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: #524 - CASALDUC

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>#524 - CASALDUC (Continued)</b>		
Address:	PR-10 KM 2.1	
Tribal Indicator:	N	
Fed Facility:	Not reported	
NAIC Code:	Not reported	
SIC Code:	Not reported	
<hr/>		
<b>AAA - PLANTA DE FILTROS UTUADO URBANA CARR 111 KM 5.4 BO VIVI ABAJO UTUADO, PR 00641</b>	<b>FINDS</b>	<b>1024400007 N/A</b>
FINDS:		
Registry ID:	110070314151	
Facility URL:	<a href="http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070314151">http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070314151</a>	
Environmental Interest/Information System: OSHA ESTABLISHMENT		
The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information		
<hr/>		
<b>AAA-PLANTA TRATAMIENTO AGUAS USADAS CARR 123 INT KM 60.1 RIO ABAJO UTUADO, PR 00641</b>	<b>FINDS</b>	<b>1024399482 N/A</b>
FINDS:		
Registry ID:	110070313513	
Facility URL:	<a href="http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070313513">http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070313513</a>	
Environmental Interest/Information System: OSHA ESTABLISHMENT		
The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information		
<hr/>		
<b>CHEIMI MUFFLERS CARR 10 KM 54.4 UTUADO, PR 00641</b>	<b>RCRA NonGen / NLR</b>	<b>1001128238 PRN008005357</b>
RCRA NonGen / NLR:		
Date form received by agency:	2008-01-01 00:00:00.0	
Facility name:	CHEIMI MUFFLERS	
Facility address:	CARR 10 KM 54.4 SALTO ABAJO UTUADO, PR 00641	
EPA ID:	PRN008005357	
Mailing address:	MARGINAI 4 CARR 10 KM 54.4 SALTO ABAJO UTUADO, PR 00641	
Contact:	ISMAEL SCHELMETTY	
Contact address:	MARGINAI 4 CARR 10 KM 54.4 SALTO ABAJO UTUADO, PR 00641	
Contact country:	US	
Contact telephone:	787-894-0786	
Contact email:	Not reported	
EPA Region:	02	
Land type:	Private	

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**CHEIMI MUFFLERS (Continued)**

**1001128238**

Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NON REGULATED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, PR 99999  
 Owner/operator country: US  
 Owner/operator telephone: 787-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: NON REGULATED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, PR 99999  
 Owner/operator country: US  
 Owner/operator telephone: 787-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: CHEIMI MUFFLERS  
 Classification: Not a generator, verified

Date form received by agency: 1997-03-21 00:00:00.0  
 Site name: CHEIMI MUFFLERS  
 Classification: Not a generator, verified



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**CHEIMI MUFLERS (Continued)**

**1001128238**

Hazardous Waste Summary:

. Waste code: NONE  
 . Waste name: None

Facility Has Received Notices of Violations:

Regulation violated: FR - 40 cfr part 279  
 Area of violation: Generators - General  
 Date violation determined: 1997-02-26 00:00:00.0  
 Date achieved compliance: 1999-01-14 00:00:00.0  
 Violation lead agency: EPA  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 1997-05-08 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: EPA  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 1997-02-26 00:00:00.0  
 Evaluation: WRITTEN INFORMAL  
 Area of violation: Generators - General  
 Date achieved compliance: 1999-01-14 00:00:00.0  
 Evaluation lead agency: EPA

**CHEIMI MUFLERS  
 CARR 10 KM 54.4  
 UTUADO, PR 00641**

**FINDS 1016280742  
 ECHO N/A**

FINDS:

Registry ID: 110009436869  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110009436869](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009436869)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid: 1016280742  
 Registry ID: 110009436869  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009436869>  
 Name: CHEIMI MUFLERS  
 Address: CARR 10 KM 54.4  
 City,State,Zip: UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**DEPT OF ED - SU VIVI ARRISA  
CARR 605 KM 4.4  
UTUADO, PR 00641**

**RCRA NonGen / NLR 1000991856  
PRR000000661**

RCRA NonGen / NLR:

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: DEPT OF ED - SU VIVI ARRISA  
 Facility address: CARR 605 KM 4.4  
 BO VIVI ARRIBA  
 UTUADO, PR 00641  
 EPA ID: PRR000000661  
 Mailing address: SCIENCE PROGRAM PO BOX 190759  
 SAN JUAN, PR 00919-0759  
 Contact: Not reported  
 Contact address: SCIENCE PROGRAM PO BOX 190759  
 SAN JUAN, PR 00919-0759  
 Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: DEPT OF EDUCATION  
 Owner/operator address: SCIENCE PROGRAM PO BOX 190759  
 SAN JUAN, PR 00919  
 Owner/operator country: US  
 Owner/operator telephone: 787-753-9255  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Municipal  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: DEPT OF EDUCATION  
 Owner/operator address: SCIENCE PROGRAM PO BOX 190759  
 SAN JUAN, PR 00919  
 Owner/operator country: US  
 Owner/operator telephone: 787-753-9255  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Municipal  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No

ZIP CODE FINDINGS

Site	Database(s)	EPA ID Number	EDR ID Number
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**DEPT OF ED - SU VIVI ARRISA (Continued)**

**1000991856**

Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: DEPT OF ED - SU VIVI ARRISA  
 Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0  
 Site name: DEPT OF ED - SU VIVI ARRISA  
 Classification: Not a generator, verified

Date form received by agency: 1995-05-08 00:00:00.0  
 Site name: DEPT OF ED - SU VIVI ARRISA  
 Classification: Small Quantity Generator

Hazardous Waste Summary:

- . Waste code: D000
- . Waste name: Not Defined
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D003
- . Waste name: REACTIVE WASTE
  
- . Waste code: D004
- . Waste name: ARSENIC
  
- . Waste code: D005
- . Waste name: BARIUM
  
- . Waste code: D006
- . Waste name: CADMIUM
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D008
- . Waste name: LEAD
  
- . Waste code: D009
- . Waste name: MERCURY
  
- . Waste code: D010
- . Waste name: SELENIUM

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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DEPT OF ED - SU VIVI ARRISA (Continued)

1000991856

- . Waste code: D011
- . Waste name: SILVER
  
- . Waste code: D012
- . Waste name: ENDRIN  
(1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN  
DO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)
  
- . Waste code: D013
- . Waste name: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
  
- . Waste code: D014
- . Waste name: METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)
  
- . Waste code: D015
- . Waste name: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT  
CHLORINE)
  
- . Waste code: D016
- . Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
  
- . Waste code: D017
- . Waste name: 2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)
  
- . Waste code: D018
- . Waste name: BENZENE
  
- . Waste code: D019
- . Waste name: CARBON TETRACHLORIDE
  
- . Waste code: D020
- . Waste name: CHLORDANE
  
- . Waste code: D021
- . Waste name: CHLOROBENZENE
  
- . Waste code: D022
- . Waste name: CHLOROFORM
  
- . Waste code: D023
- . Waste name: O-CRESOL
  
- . Waste code: D024
- . Waste name: M-CRESOL
  
- . Waste code: D025
- . Waste name: P-CRESOL
  
- . Waste code: D026
- . Waste name: CRESOL
  
- . Waste code: D027
- . Waste name: 1,4-DICHLOROBENZENE
  
- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**DEPT OF ED - SU VIVI ARRISA (Continued)**

**1000991856**

- . Waste code: D029
- . Waste name: 1,1-DICHLOROETHYLENE
  
- . Waste code: D030
- . Waste name: 2,4-DINITROTOLUENE
  
- . Waste code: D031
- . Waste name: HEPTACHLOR (AND ITS EPOXIDE)
  
- . Waste code: D032
- . Waste name: HEXACHLOROBENZENE
  
- . Waste code: D033
- . Waste name: HEXACHLOROBUTADIENE
  
- . Waste code: D034
- . Waste name: HEXACHLOROETHANE
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D036
- . Waste name: NITROBENZENE
  
- . Waste code: D037
- . Waste name: PENTACHLOROPHENOL
  
- . Waste code: D038
- . Waste name: PYRIDINE
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
  
- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE
  
- . Waste code: D041
- . Waste name: 2,4,5-TRICHLOROPHENOL
  
- . Waste code: D042
- . Waste name: 2,4,6-TRICHLOROPHENOL
  
- . Waste code: D043
- . Waste name: VINYL CHLORIDE
  
- Violation Status: No violations found

**DEPT OF ED - SU VIVI ARRISA  
CARR 605 KM 4.4  
UTUADO, PR 00641**

**FINDS 1016202746  
ECHO N/A**

**FINDS:**

Registry ID: 110004891617  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110004891617](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110004891617)

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**DEPT OF ED - SU VIVI ARRISA (Continued)**

**1016202746**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid:	1016202746
Registry ID:	110004891617
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110004891617">http://echo.epa.gov/detailed-facility-report?fid=110004891617</a>
Name:	DEPT OF ED - SU VIVI ARRISA
Address:	CARR 605 KM 4.4
City,State,Zip:	UTUADO, PR 00641

**DOT DPW  
CARR 111 KM 4.2  
UTUADO, PR 00641**

**RCRA NonGen / NLR 1001128236  
PRN008005332**

**RCRA NonGen / NLR:**

Date form received by agency:	2008-01-01 00:00:00.0
Facility name:	DOT DPW
Facility address:	CARR 111 KM 4.2 UTUADO, PR 00641
EPA ID:	PRN008005332
Mailing address:	PO BOX 425 MANATI, PR 00674
Contact:	ANTONIO CRESPO
Contact address:	PO BOX 425 MANATI, PR 00674
Contact country:	US
Contact telephone:	787-894-2244
Contact email:	Not reported
EPA Region:	02
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name:	NON REGULATED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, PR 99999
Owner/operator country:	US
Owner/operator telephone:	787-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	1600-01-01 00:00:00.
Owner/Op end date:	Not reported
Owner/operator name:	NON REGULATED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, PR 99999
Owner/operator country:	US
Owner/operator telephone:	787-555-1212

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**DOT DPW (Continued)**

**1001128236**

Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: DOT DPW  
 Classification: Not a generator, verified

Date form received by agency: 1997-03-21 00:00:00.0  
 Site name: DOT DPW  
 Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: NONE  
 . Waste name: None

Facility Has Received Notices of Violations:

Regulation violated: FR - 40 cfr part 279  
 Area of violation: Generators - General  
 Date violation determined: 1997-02-26 00:00:00.0  
 Date achieved compliance: 1999-01-14 00:00:00.0  
 Violation lead agency: EPA  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: Not reported  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: Not reported  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**DOT DPW  
CARR 111 KM 4.2  
UTUADO, PR 00641**

**FINDS 1016280741  
ECHO N/A**

**FINDS:**

Registry ID: 110009436850  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?registry\\_id=110009436850](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?registry_id=110009436850)

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016280741  
Registry ID: 110009436850  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009436850>  
Name: DOT DPW  
Address: CARR 111 KM 4.2  
City,State,Zip: UTUADO, PR 00641

**ESSO STANDARD OIL CO PR CO-430  
CARR 10 KM 55.4 BO SALTO ABAJO  
UTUADO, PR 00641**

**RCRA NonGen / NLR 1008375165  
PRR000017756**

**RCRA NonGen / NLR:**

Date form received by agency: 2008-01-01 00:00:00.0  
Facility name: ESSO STANDARD OIL CO PR CO-430  
Facility address: CARR 10 KM 55.4 BO SALTO ABAJO  
UTUADO, PR 00641  
EPA ID: PRR000017756  
Mailing address: PO BOX 364269  
GUAYNABO, PR 00936-4269  
Contact: MELIZA PEREZ  
Contact address: PO BOX 364269  
GUAYNABO, PR 00936-4269  
Contact country: US  
Contact telephone: 787-792-2920  
Telephone ext.: 8947  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: ESSO STANDARD OIL CO PR  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ESSO STANDARD OIL CO PR CO-430 (Continued)**

**1008375165**

Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1959-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: REINALDO MORALES  
 Owner/operator address: Not reported  
 Not reported

Owner/operator country: US  
 Owner/operator telephone: Not reported  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported

Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 2004-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: ESSO STANDARD OIL CO PR CO-430  
 Classification: Not a generator, verified

Date form received by agency: 2005-06-15 00:00:00.0  
 Site name: ESSO STANDARD OIL CO PR CO-430  
 Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001  
 . Waste name: IGNITABLE WASTE

. Waste code: D018  
 . Waste name: BENZENE

Violation Status: No violations found

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ESSO STANDARD OIL CO PR CO-430  
CARR 10 KM 55.4 BO SALTO ABAJO  
UTUADO, PR 00641**

**FINDS 1008381813  
ECHO N/A**

**FINDS:**

Registry ID: 110022478308  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?registry\\_id=110022478308](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?registry_id=110022478308)

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1008381813  
Registry ID: 110022478308  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110022478308>  
Name: ESSO STANDARD OIL CO PR CO-430  
Address: CARR 10 KM 55.4 BO SALTO ABAJO  
City,State,Zip: UTUADO, PR 00641

**MUNICIPAL MOTORPOOL OF UTUADO  
CARR 111 KM 3.1  
UTUADO, PR 00641**

**RCRA NonGen / NLR 1001128235  
PRN008005324**

**RCRA NonGen / NLR:**

Date form received by agency: 2008-01-01 00:00:00.0  
Facility name: MUNICIPAL MOTORPOOL OF UTUADO  
Facility address: CARR 111 KM 3.1  
UTUADO, PR 00641  
EPA ID: PRN008005324  
Mailing address: PO BOX 190  
UTUADO, PR 00641  
Contact: VICTOR VELEZ  
Contact address: PO BOX 190  
UTUADO, PR 00641  
Contact country: US  
Contact telephone: 787-894-3505  
Contact email: Not reported  
EPA Region: 02  
Land type: Private  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: NON REGULATED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, PR 99999  
Owner/operator country: US  
Owner/operator telephone: 787-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**MUNICIPAL MOTORPOOL OF UTUADO (Continued)**

**1001128235**

Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: NON REGULATED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, PR 99999

Owner/operator country: US  
 Owner/operator telephone: 787-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported

Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: MUNICIPAL MOTORPOOL OF UTUADO  
 Classification: Not a generator, verified

Date form received by agency: 1997-03-21 00:00:00.0  
 Site name: MUNICIPAL MOTORPOOL OF UTUADO  
 Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: NONE  
 . Waste name: None

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
 Area of violation: Generators - General  
 Date violation determined: 2000-05-01 00:00:00.0  
 Date achieved compliance: 2004-09-22 00:00:00.0  
 Violation lead agency: EPA

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**MUNICIPAL MOTORPOOL OF UTUADO (Continued)**

1001128235

Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2004-09-22 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: EPA  
 Proposed penalty amount: Not reported  
 Final penalty amount: 36000  
 Paid penalty amount: Not reported

Regulation violated: Not reported  
 Area of violation: Generators - General  
 Date violation determined: 2000-05-01 00:00:00.0  
 Date achieved compliance: 2004-09-22 00:00:00.0  
 Violation lead agency: EPA

Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2000-09-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: EPA  
 Proposed penalty amount: 63248  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: FR - 40 cfr 279.22(d)  
 Area of violation: Generators - General  
 Date violation determined: 2000-01-26 00:00:00.0  
 Date achieved compliance: 2004-09-22 00:00:00.0  
 Violation lead agency: EPA

Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2004-09-22 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: EPA  
 Proposed penalty amount: Not reported  
 Final penalty amount: 36000  
 Paid penalty amount: Not reported

Regulation violated: FR - 40 cfr 279.22(d)  
 Area of violation: Generators - General  
 Date violation determined: 2000-01-26 00:00:00.0  
 Date achieved compliance: 2004-09-22 00:00:00.0  
 Violation lead agency: EPA

Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2000-09-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: EPA  
 Proposed penalty amount: 63248  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: FR - 40 cfr part 279  
 Area of violation: Generators - General  
 Date violation determined: 1997-02-26 00:00:00.0  
 Date achieved compliance: 1999-01-14 00:00:00.0  
 Violation lead agency: EPA

Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**MUNICIPAL MOTORPOOL OF UTUADO (Continued)**

1001128235

Enforcement action date: 1997-04-24 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: EPA  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: FR - 40 cfr part 279  
 Area of violation: Generators - General  
 Date violation determined: 1997-02-26 00:00:00.0  
 Date achieved compliance: 1999-01-14 00:00:00.0  
 Violation lead agency: EPA  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 2000-09-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: EPA  
 Proposed penalty amount: 63248  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 2000-05-01 00:00:00.0  
 Evaluation: INITIAL 3008(A) COMPLIANCE  
 Area of violation: Generators - General  
 Date achieved compliance: 2004-09-22 00:00:00.0  
 Evaluation lead agency: EPA

Evaluation date: 2000-05-01 00:00:00.0  
 Evaluation: FINAL 3008(A) COMPLIANCE ORDER  
 Area of violation: Generators - General  
 Date achieved compliance: 2004-09-22 00:00:00.0  
 Evaluation lead agency: EPA

Evaluation date: 2000-01-26 00:00:00.0  
 Evaluation: INITIAL 3008(A) COMPLIANCE  
 Area of violation: Generators - General  
 Date achieved compliance: 2004-09-22 00:00:00.0  
 Evaluation lead agency: EPA

Evaluation date: 2000-01-26 00:00:00.0  
 Evaluation: FINAL 3008(A) COMPLIANCE ORDER  
 Area of violation: Generators - General  
 Date achieved compliance: 2004-09-22 00:00:00.0  
 Evaluation lead agency: EPA

Evaluation date: 1997-02-26 00:00:00.0  
 Evaluation: WRITTEN INFORMAL  
 Area of violation: Generators - General  
 Date achieved compliance: 1999-01-14 00:00:00.0  
 Evaluation lead agency: EPA

Evaluation date: 1997-02-26 00:00:00.0  
 Evaluation: INITIAL 3008(A) COMPLIANCE  
 Area of violation: Generators - General  
 Date achieved compliance: 1999-01-14 00:00:00.0

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**MUNICIPAL MOTORPOOL OF UTUADO (Continued)**

1001128235

Evaluation lead agency: EPA

**PREPA - UTUADO TECHNICAL OPERATIONS OFFICE  
CARR 10 KM 56.5  
UTUADO, PR 00641**

**RCRA-VSQQ 1014401207  
PRR000023507**

RCRA-VSQQ:

Date form received by agency: 2010-10-06 00:00:00.0  
 Facility name: PREPA - UTUADO TECHNICAL OPERATIONS OFFICE  
 Facility address: CARR 10 KM 56.5  
 BO SALTO ARRIBA  
 UTUADO, PR 00641  
 EPA ID: PRR000023507  
 Mailing address: PO BOX 364267  
 SAN JUAN, PR 00936-4267  
 Contact: FRANCISCO E LOPEZ  
 Contact address: PO BOX 364267  
 SAN JUAN, PR 00936-4267  
 Contact country: US  
 Contact telephone: 787-521-4960  
 Contact email: FLOPEZ1075@PREPA.COM  
 EPA Region: 02  
 Classification: Conditionally Exempt Small Quantity Generator  
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: PUERTO RICO ELECTRIC POWER AUTH  
 Owner/operator address: PO BOX 364267  
 SAN JUAN, PR 00936  
 Owner/operator country: US  
 Owner/operator telephone: Not reported  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: State  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1979-12-01 00:00:00.  
 Owner/Op end date: Not reported  
 Owner/operator name: PUERTO RICO ELECTRIC POWER AUTH  
 Owner/operator address: Not reported  
 Not reported  
 Owner/operator country: US  
 Owner/operator telephone: Not reported  
 Owner/operator email: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PREPA - UTUADO TECHNICAL OPERATIONS OFFICE (Continued)**

**1014401207**

Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: State  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1979-12-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D009  
 . Waste name: MERCURY  
 Violation Status: No violations found

**SAND MINING  
 CARR PR 123 KM. 60.4  
 UTUADO, PR 00641**

**FINDS 1026002564  
 ECHO N/A**

FINDS:

Registry ID: 110070626692  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110070626692](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070626692)

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid: 1026002564  
 Registry ID: 110070626692  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070626692>  
 Name: SAND MINING  
 Address: CARR PR 123 KM. 60.4

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**SAND MINING (Continued)**

**1026002564**

City,State,Zip: UTUADO, PR 00641

**SHELL CO PR LTD - SHELL SS 2534  
CARR PR 10 INT CARR PR 111  
UTUADO, PR 00641**

**RCRA NonGen / NLR**

**1001120711  
PRR000004366**

RCRA NonGen / NLR:

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: SHELL CO PR LTD - SHELL SS 2534  
 Facility address: CARR PR 10 INT CARR PR 111  
 BARRIO SALTO BAJO 2  
 UTUADO, PR 00641  
 EPA ID: PRR000004366  
 Mailing address: PO BOX 366697  
 SAN JUAN, PR 00936-6697  
 Contact: Not reported  
 Contact address: PO BOX 366697  
 SAN JUAN, PR 00936-6697  
 Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: THE SHELL CO PR LTD  
 Owner/operator address: PO BOX 366697  
 SAN JUAN, PR 00936  
 Owner/operator country: US  
 Owner/operator telephone: 787-721-0150  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: THE SHELL CO PR LTD  
 Owner/operator address: PO BOX 366697  
 SAN JUAN, PR 00936  
 Owner/operator country: US  
 Owner/operator telephone: 787-721-0150  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**SHELL CO PR LTD - SHELL SS 2534 (Continued)**

**1001120711**

Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: SHELL CO PR LTD - SHELL SS 2534  
 Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0  
 Site name: SHELL CO PR LTD - SHELL SS 2534  
 Classification: Not a generator, verified

Date form received by agency: 1996-07-24 00:00:00.0  
 Site name: SHELL CO PR LTD - SHELL SS 2534  
 Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000  
 . Waste name: Not Defined

. Waste code: D001  
 . Waste name: IGNITABLE WASTE

. Waste code: D018  
 . Waste name: BENZENE

Violation Status: No violations found

**TALLER DE MECANICA AUTOMOTRIZ  
 CARR # 10 CARR 603 BO SALTO ARRIBA  
 UTUADO, PR 00641**

**UST U003761811  
 N/A**

UST:

Facility ID: 2-990031  
 Tank Status: Currently In Use  
 Substance Description: Not reported

Facility ID: 2-990031  
 Tank Status: Currently In Use  
 Substance Description: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**TOTAL PETROLEUM 115684**  
**CARR 111, KM 0.7**  
**UTUADO, PR 00641**

**FINDS 1012232726**  
**ECHO N/A**

**FINDS:**

Registry ID: 110040049747  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110040049747](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110040049747)

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1012232726  
 Registry ID: 110040049747  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110040049747>  
 Name: TOTAL PETROLEUM 115684  
 Address: CARR 111, KM 0.7  
 City,State,Zip: UTUADO, PR 00641

**TOTAL PETROLEUM 115684**  
**CARR 111, KM 0.7**  
**UTUADO, PR 00641**

**ICIS 1019914353**  
**N/A**

**ICIS:**

Enforcement Action ID: 02-2011-0014  
 FRS ID: 110040049747  
 Action Name: Total Petroleum Puerto Rico, Corp.  
 Facility Name: TOTAL PETROLEUM 115684  
 Facility Address: CARR 111, KM 0.7  
 UTUADO, PR 00641  
 Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.310695  
 Longitude in Decimal Degrees: -66.695757  
 Permit Type Desc: Not reported  
 Program System Acronym: 1800018772  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**WALGREENS #185  
940 CARR 123  
UTUADO, PR 00641**

**RCRA-LQG 1001203562  
FINDS PRR000007401  
ECHO**

RCRA-LQG:

Date form received by agency: 2018-04-03 00:00:00.0  
 Facility name: WALGREENS #185  
 Facility address: 940 CARR 123  
 UTUADO, PR 00641  
 EPA ID: PRR000007401  
 Mailing address: GREY HAWK CT, SUITE 200  
 CARLSBAD, CA 92010  
 Contact: KIM DASCOLI  
 Contact address: WILMOT DRIVE, MAIL STOP #2273  
 DEERFIELD, IL 60015  
 Contact country: US  
 Contact telephone: 847-315-2812  
 Contact email: KIM.DASCOLI@WALGREENS.COM  
 EPA Region: 02  
 Land type: Private  
 Classification: Large Quantity Generator  
 Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: WALGREEN OF PUERTO RICO INC.  
 Owner/operator address: WILMOT DRIVE, MAIL STOP #2273  
 DEERFIELD, IL 60015  
 Owner/operator country: US  
 Owner/operator telephone: 847-315-2812  
 Owner/operator email: KIM.DASCOLI@WALGREENS.COM  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1997-04-30 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: CECORT PROPERTIES  
 Owner/operator address: PO BOX 5,  
 UTUADO, PR 00641  
 Owner/operator country: US  
 Owner/operator telephone: Not reported  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1997-04-30 00:00:00.

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**WALGREENS #185 (Continued)**

**1001203562**

Owner/Op end date: Not reported

Owner/operator name: WALGREEN CO  
 Owner/operator address: Not reported  
 Not reported

Owner/operator country: US  
 Owner/operator telephone: Not reported  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1997-04-30 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: CECORT PROPERTIES  
 Owner/operator address: PO BOX 5  
 UTUADO, PR 00641

Owner/operator country: US  
 Owner/operator telephone: 787-894-2495  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1997-04-30 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2016-04-26 00:00:00.0  
 Site name: WALGREENS #185  
 Classification: Large Quantity Generator

Date form received by agency: 2015-07-01 00:00:00.0  
 Site name: WALGREEN #185  
 Classification: Large Quantity Generator

Date form received by agency: 2008-01-01 00:00:00.0  
 Site name: WALGREENS

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**WALGREENS #185 (Continued)**

**1001203562**

Classification: Not a generator, verified

Date form received by agency: 2006-01-01 00:00:00.0

Site name: WALGREENS

Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0

Site name: WALGREENS

Classification: Not a generator, verified

Date form received by agency: 1997-09-22 00:00:00.0

Site name: WALGREENS

Classification: Small Quantity Generator

Hazardous Waste Summary:

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D003
- . Waste name: REACTIVE WASTE
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D009
- . Waste name: MERCURY
  
- . Waste code: D010
- . Waste name: SELENIUM
  
- . Waste code: D011
- . Waste name: SILVER
  
- . Waste code: D024
- . Waste name: M-CRESOL
  
- . Waste code: D026
- . Waste name: CRESOL
  
- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
  
- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
  
- . Waste code: P105
- . Waste name: SODIUM AZIDE
  
- . Waste code: U034
- . Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**WALGREENS #185 (Continued)**

**1001203562**

- . Waste code: U044
- . Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-
  
- . Waste code: U122
- . Waste name: FORMALDEHYDE
  
- . Waste code: U165
- . Waste name: NAPHTHALENE
  
- . Waste code: U188
- . Waste name: PHENOL
  
- . Waste code: U201
- . Waste name: 1,3-BENZENEDIOL (OR) RESORCINOL

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.  
Amount (Lbs): 57

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.  
Amount (Lbs): 12

Waste code: D007  
Waste name: CHROMIUM  
Amount (Lbs): 6

Waste code: D009  
Waste name: MERCURY  
Amount (Lbs): 3

Waste code: D010  
Waste name: SELENIUM  
Amount (Lbs): 6

Waste code: D024  
Waste name: M-CRESOL  
Amount (Lbs): 1

Waste code: P001  
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**WALGREENS #185 (Continued)**

**1001203562**

Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 2018-09-21 00:00:00.0  
 Evaluation: INITIAL 3008(A) COMPLIANCE  
 Area of violation: Generators - Records/Reporting  
 Date achieved compliance: Not reported  
 Evaluation lead agency: State

Evaluation date: 2018-09-21 00:00:00.0  
 Evaluation: WRITTEN INFORMAL  
 Area of violation: Generators - Records/Reporting  
 Date achieved compliance: Not reported  
 Evaluation lead agency: State

Evaluation date: 2018-03-20 00:00:00.0  
 Evaluation: WRITTEN INFORMAL  
 Area of violation: Generators - Records/Reporting  
 Date achieved compliance: Not reported  
 Evaluation lead agency: State

Evaluation date: 2018-03-20 00:00:00.0  
 Evaluation: INITIAL 3008(A) COMPLIANCE  
 Area of violation: Generators - Records/Reporting  
 Date achieved compliance: Not reported  
 Evaluation lead agency: State

FINDS:

Registry ID: 110066978550  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110066978550](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066978550)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.  
 HAZARDOUS WASTE BIENNIAL REPORTER

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

ECHO:

Envid: 1001203562  
 Registry ID: 110066978550  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110066978550>  
 Name: WALGREENS #185  
 Address: 940 CARR 123  
 City,State,Zip: UTUADO, PR 00641



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ARENERO LA CIMA  
CARR. 111 BO.VIVI ABAJO K.M 2.7  
UTUADO, PR 00641**

**ABANDONED MINES 1018261411  
N/A**

ABANDONED MINES:

Mine ID:	5400489
Mine Name:	ARENERO LA CIMA
Mine Address:	CARR. 111 BO.VIVI ABAJO K.M 2.7
City,State,Zip:	UTUADO, PR 00641
Primary SIC Code:	Not reported
Mine Type:	Surface
Mine Status Description:	Abandoned
Mine Status Date:	41682
Coal (C) or Metal (M) Mine:	M
Controller ID:	0104315
Controller Name:	Luis D Rivera
Operator ID:	0122851
Operator name:	Terratek Corp.
Address of Record Street:	Carr. 111 Bo. Vivi Abajo km. 2.7
Address of Record PO Box:	Not reported
Address of Record City:	Utuaado
Address of Record State:	PR
Address of Record Zip Code:	00641
Assessment Address Street:	Carr. 111 Bo. Vivi Abajo km. 2.7
Assessment Address PO Box:	Not reported
Assessment Address City:	Utuaado
Assessment Address State:	PR
Assessment Address Zip Code:	00641
Mine Health and Safety Address Street:	Carr. 111 Bo. Vivi Abajo km. 2.7
Mine Health and Safety Address PO Box:	Not reported
Mine Health and Safety Address City:	Utuaado
Mine Health and Safety Address State:	PR
Mine Health and Safety Address Zip Code:	00641
Latitude:	18.285833
Longitude:	-66.736667

**CASALDUC TEXACO 524  
CARR. PR-10 KM. 1.5 BO. SALTO ABAJO  
UTUADO, PR 00641**

**UST U003761838  
N/A**

UST:

Facility ID:	2-000012
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-000012
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-000012
Tank Status:	Currently In Use
Substance Description:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ESTACIONAMIENTO B & B ANTIGUA TABACALERA  
CARR.  
UTUADO, PR 00641**

**UST U003718308  
N/A**

UST:  
 Facility ID: 2-990042  
 Tank Status: Permanently Out of Use  
 Substance Description: Diesel  
  
 Facility ID: 2-990042  
 Tank Status: Permanently Out of Use  
 Substance Description: Diesel

**PRASA UTUADO  
CARR. 10, KM. 50.5  
UTUADO, PR 00641**

**FINDS 1024173149  
N/A**

FINDS:  
 Registry ID: 110010785506  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110010785506](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110010785506)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA UTUADO  
CARR. 10, KM. 50.5  
UTUADO, PR 00641**

**ECHO 1016284642  
N/A**

ECHO:  
 Envid: 1016284642  
 Registry ID: 110010785506  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110010785506>  
 Name: PRASA UTUADO  
 Address: CARR. 10, KM. 50.5  
 City,State,Zip: UTUADO, PR 00641

**PRASA UTUADO URBANO  
CARR. 111 KM 5.4  
UTUADO, PR 00641**

**ICIS 1018295886  
N/A**

ICIS:  
 Enforcement Action ID: 02-2002-8076  
 FRS ID: 110009814923  
 Action Name: PRASA UTUADO URBANO  
 Facility Name: PRASA UTUADO URBANO  
 Facility Address: CARR. 111 KM 5.4  
 UTUADO, PR 00641  
 Enforcement Action Type: SDWA 1414G2 AO For Compliance (PWS)  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G2  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.243962  
 Longitude in Decimal Degrees: -66.671052  
 Permit Type Desc: Not reported  
 Program System Acronym: 32162  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

**RONCADOR (UTUADO) FILTRATION PLANT  
CARR. 603, KM 5.0  
UTUADO, PR 00641**

**RMP 1011836201  
N/A**

RMP:  
 Facility ID: 35308  
 LEPC city: Arecibo  
 Facility decimal latitude: 18.245833  
 Facility decimal longitude: -066.759722  
 Is facility in county box: T  
 LatLong method: GO  
 LatLong description: LF  
 Home page web address: Not reported  
 Facility telephone: Not reported  
 Facility email: Not reported  
 Facility DUNS #: 0  
 Parent's name: Puerto Rico Aqueduct and Sewer Authority  
 Partner's name: Not reported  
 Parent's DUNS #: 0  
 Partner's DUNS #: 0

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**RONCADOR (UTUADO) FILTRATION PLANT (Continued)**

**1011836201**

Operator's name:	P.R. Aqueduct and Sewer Authority
Operator's telephone:	7876202277
Operator's address:	P.O. Box 7066
Operator's address2:	Hato Rey
Operators City,St,Zip:	San Juan, PR 00916 7066
RMP implementation contact:	Martha Rivera
RMP contact title:	Technical Assistance Director
Emergency contact:	Mayra Encarnacion
Emergency contact title:	Emergency Director
Emergency contact telephone:	7874064727
24 hour emergency telephone:	7876203844
Emergency contact ext/pin #:	Not reported
Number of full time employees:	4
EPA ID:	Not reported
Facility ID provided by CEPP0:	100000121815
Is facility covered by OSHA PSM:	T
Is facility covered by EPCRA 302:	T
Is fac. covered by CAA Title V 112(2):	F
Clean air op. permit/State ID:	Not reported
Last safety insp. dat:	Not reported
Inspected by:	Never had one
Is it OSHA approved with star/merit ranking:	False
Will RMP involve predictive filing:	False
Submission type:	Resubmission
RMP description:	Not reported
Facility has no accident hist. recs:	True
Foreign owner's address:	Not reported
Foreign owner's zip:	Not reported
Foreign owner's country:	Not reported
Claim # of employees as CBI:	False
Date RMP accepted by EPA:	2004-07-30 00:00:00
Date of error Report:	2004-07-30 00:00:00
Date RMP received:	2004-06-21 00:00:00
Does RMP contain graphics files:	False
Does RMP contain attachments:	True
Was certification letter received:	True
RMP submission method:	RMP*Submit
Does RMP contain CBI substantiation:	False
Does RMP contain electronic waiver:	False
Date RMP postmarked:	2004-06-18 00:00:00
Is RMP complete:	False
Date of de-registration:	2007-11-08 00:00:00
Date de-registration is effective:	2007-11-02 00:00:00
Aniversary date:	2009-06-18 00:00:00
Does RMP contain CBI data:	True
Does RMP contain unsanitized CBI version:	False
RMP version #:	3.2
FRS latitude:	18.245830000000002
FRS longitude:	-66.759720000000002
FRS Description:	STORAGE TANK
FRS Method:	GPS CODE (PSEUDO RANGE) STANDARD POSITION (SA ON)

**RMP:**

Process ID:	50865
NA & Industry Classification Sys.code(s):	22131
NAICS code description:	Water Supply and Irrigation Systems
Optional facility description:	Chlorine injection/stg.

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**RONCADOR (UTUADO) FILTRATION PLANT (Continued)**

**1011836201**

Program level: 3  
 Record contains CBI data: False

**RMP:**  
 Chemical name: Chlorine  
 Process chemical qty in 100s lbs: 8000  
 Process flammable chemical name: Not reported

**RMP:**  
 Percent weight of chemical: Not reported  
 Physical state: Not reported  
 Analytical basic: Not reported  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Release duration in minutes: Not reported  
 Release rate in pounds per second: Not reported  
 Wind speed in meters/second: Not reported  
 Stability class: Not reported  
 Topography: Not reported  
 Distance to endpoint in miles: Not reported  
 Residential population: Not reported  
 Public receptors: Not reported  
 Environmental receptors: Not reported  
 Passive mitigation: Not reported  
 Active mitigation: Not reported

**RMP:**  
 Percent weight of chemical: Not reported  
 Physical state: Not reported  
 Analytical basic: Not reported  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Release duration in minutes: Not reported  
 Release rate in pounds per second: Not reported  
 Wind speed in meters/second: Not reported  
 Stability class: Not reported  
 Topography: Not reported  
 Distance to endpoint in miles: Not reported  
 Residential population: Not reported  
 Public receptors: Not reported  
 Environmental receptors: Not reported  
 Passive mitigation: Not reported

**RMP:**  
 Endpoint used: Not reported  
 LFL value: Not reported  
 Analytical basic: Not reported  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Distance to endpoint in miles: Not reported  
 Residential population: Not reported  
 Public receptors: Not reported  
 Environmental receptors: Not reported  
 Passive mitigation: Not reported  
 Active mitigation: Not reported

**RMP:**  
 Analytical basic: Not reported  
 Quantity released in pounds: Not reported  
 Distance to endpoint in miles: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**RONCADOR (UTUADO) FILTRATION PLANT (Continued)**

**1011836201**

Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Chemical name:	Public OCA Chemical
Process chemical qty in 100s lbs:	0

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**RONCADOR (UTUADO) FILTRATION PLANT (Continued)**

**1011836201**

Process flammable chemical name: Not reported

RMP:

Percent weight of chemical:	Not reported
Physical state:	c
Analytical basic:	EPA's RMP*Comp(TM)
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	3
Stability class:	D
Topography:	b
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported

RMP:

Percent weight of chemical:	Not reported
Physical state:	c
Analytical basic:	EPA's RMP*Comp(TM)
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	10
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	1.5
Stability class:	F
Topography:	b
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported

RMP:

Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported

RMP:

Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**RONCADOR (UTUADO) FILTRATION PLANT (Continued)**

**1011836201**

Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
<b>RMP:</b>	
ER plan:	Not reported
ER plan most recent review date:	2002-02-19 00:00:00
ER plan most recent employee training date:	2004-09-30 00:00:00
Local agency coordinating ER plan:	Emergency Management Agency
Telephone of the coordinating local agency:	7878783454
Federal regulation:	False



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**RONCADOR (UTUADO) FILTRATION PLANT (Continued)**

**1011836201**

OSHA 1910 120:	True
SPCC:	False
RCRA:	False
OPA 90:	False
EPCRA:	True
Other Regulations:	Not reported
<b>RMP:</b>	
Facility ID:	29511
LEPC city:	Arecibo
Facility decimal latitude:	18.245833
Facility decimal longitude:	-66.759722
Is facility in county box:	T
LatLong method:	G6
LatLong description:	ST
Home page web address:	Not reported
Facility telephone:	7872817878
Facility email:	Not reported
Facility DUNS #:	0
Parent's name:	Puerto Rico Aqueduct and Sewer Authority
Partner's name:	Not reported
Parent's DUNS #:	0
Partner's DUNS #:	0
Operator's name:	Compa?ia de Aguas de Puerto Rico
Operator's telephone:	7878797211
Operator's address:	PO Box 475
Operators City,St,Zip:	Arecibo, PR 00613
RMP implementation contact:	Fernando Pina
RMP contact title:	Director of Operations
Emergency contact:	Centro de Informacion de Emergencia
Emergency contact title:	Shift Supervisor
Emergency contact telephone:	7877562717
24 hour emergency telephone:	7877562706
Emergency contact ext/pin #:	Not reported
Number of full time employees:	3
EPA ID:	Not reported
Facility ID provided by CEPPO:	100000121815
Is facility covered by OSHA PSM:	T
Is facility covered by EPCRA 302:	T
Is fac. covered by CAA Title V 112(2):	F
Clean air op. permit/State ID:	Not reported
Last safety insp. dat:	Not reported
Inspected by:	unknown
Is it OSHA approved with star/merit ranking:	False
Will RMP involve predictive filing:	False
Submission type:	First Time
RMP description:	Not reported
Facility has no accident hist. recs:	True
Foreign owner's address:	Not reported
Foreign owner's zip:	Not reported
Foreign owner's country:	Not reported
Claim # of employees as CBI:	False
Date RMP accepted by EPA:	2004-02-05 00:00:00
Date of error Report:	Not reported
Date RMP received:	1999-06-22 00:00:00
Does RMP contain graphics files:	False
Does RMP contain attachments:	False

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**RONCADOR (UTUADO) FILTRATION PLANT (Continued)**

**1011836201**

Was certification letter received: True  
 RMP submission method: RMP\*Submit  
 Does RMP contain CBI substantiation: False  
 Does RMP contain electronic waiver: False  
 Date RMP postmarked: Not reported  
 Is RMP complete: True  
 Date of de-registration: 2007-11-08 00:00:00  
 Date de-registration is effective: 2007-11-02 00:00:00  
 Anniversary date: 2004-06-22 00:00:00  
 Does RMP contain CBI data: True  
 Does RMP contain unsanitized CBI version: False  
 RMP version #: 2.0  
 FRS latitude: 18.245830000000002  
 FRS longitude: -66.759720000000002  
 FRS Description: STORAGE TANK  
 FRS Method: GPS CODE (PSEUDO RANGE) STANDARD POSITION (SA ON)

RMP:

Process ID: 42747  
 NA & Industry Classification Sys.code(s): 22131  
 NAICS code description: Water Supply and Irrigation Systems  
 Optional facility description: Chlorination  
 Program level: 3  
 Record contains CBI data: False

RMP:

Chemical name: Chlorine  
 Process chemical qty in 100s lbs: 8000  
 Process flammable chemical name: Not reported

RMP:

Percent weight of chemical: Not reported  
 Physical state: Not reported  
 Analytical basic: Not reported  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Release duration in minutes: Not reported  
 Release rate in pounds per second: Not reported  
 Wind speed in meters/second: Not reported  
 Stability class: Not reported  
 Topography: Not reported  
 Distance to endpoint in miles: Not reported  
 Residential population: Not reported  
 Public receptors: Not reported  
 Environmental receptors: Not reported  
 Passive mitigation: Not reported  
 Active mitigation: Not reported

RMP:

Percent weight of chemical: Not reported  
 Physical state: Not reported  
 Analytical basic: Not reported  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Release duration in minutes: Not reported  
 Release rate in pounds per second: Not reported  
 Wind speed in meters/second: Not reported  
 Stability class: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**RONCADOR (UTUADO) FILTRATION PLANT (Continued)**

**1011836201**

Topography:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
<b>RMP:</b>	
Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
<b>RMP:</b>	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**RONCADOR (UTUADO) FILTRATION PLANT (Continued)**

**1011836201**

Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Chemical name:	Public OCA Chemical
Process chemical qty in 100s lbs:	0
Process flammable chemical name:	Not reported

**RMP:**

Percent weight of chemical:	100
Physical state:	c
Analytical basic:	EPA's OCA Guidance Reference Tables or Equations
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	3
Stability class:	D
Topography:	b
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported

**RMP:**

Percent weight of chemical:	100
Physical state:	c
Analytical basic:	EPA's OCA Guidance Reference Tables or Equations
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	10
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	1.5
Stability class:	F
Topography:	b
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**RONCADOR (UTUADO) FILTRATION PLANT (Continued)**

**1011836201**

Passive mitigation:	Not reported
RMP:	
Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
RMP:	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**RONCADOR (UTUADO) FILTRATION PLANT (Continued)**

**1011836201**

Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
<b>RMP:</b>	
ER plan:	Not reported
ER plan most recent review date:	1999-06-16 00:00:00
ER plan most recent employee training date:	1999-09-30 00:00:00
Local agency coordinating ER plan:	Civil Defense - Zone II Arecibo
Telephone of the coordinating local agency:	7878783454
Federal regulation:	False
OSHA 1910 120:	True
SPCC:	False
RCRA:	False
OPA 90:	False
EPCRA:	False
Other Regulations:	Not reported

**TERMINAL LANCHAS LAGO DOS BOCAS  
CARR. 123 KM. 62.2 BO. RIO ARRIBA  
UTUADO, PR 00641**

**UST U003761730  
N/A**

<b>UST:</b>	
Facility ID:	2-980026
Tank Status:	Permanently Out of Use
Substance Description:	Diesel
Facility ID:	2-980026
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline

**UTUADO TECH OPERATIONS OFFICE  
CARR. 123 / SECTOR SALTO ABAJO, KM.  
UTUADO, PR 00641**

**PADS 1005481393  
PRW100000066**

<b>PADS:</b>	
Name:	UTUADO TECH OPERATIONS OFFICE
Address:	CARR. 123 / SECTOR SALTO ABAJO, KM.
Address 2:	Not reported
City,State,Zip:	UTUADO, PR 00641
EDR ID:	1005481393
EPAID:	PRW100000066
Region:	2
Generator:	Y

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO TECH OPERATIONS OFFICE (Continued)**

**1005481393**

Storer:	N
Disposer:	N
Transporter:	N
Smelter:	N
Research Facility:	N
Mailing Address:	PO BOX 364267
Mailing Address 2:	Not reported
Mailing City:	SAN JUAN
Mailing State:	PR
Mailing Zip:	00936-4267
Mailing Country:	US
Owner Name:	PR ELECTRIC POWER AUTHORITY
Certification Date:	09/30/1999
Contact Name:	FRANCISCO MARIN
Contact Title:	Not reported
Contact Telephone:	787-894-2436
Contact Text:	Not reported
Contact Email:	Not reported

**UTUADO URBANA FILTRATION PLANT  
CARR. 111  
UTUADO, PR 00641**

**RMP 1011841103  
N/A**

RMP:

Facility ID:	36775
LEPC city:	Arecibo
Facility decimal latitude:	18.247667
Facility decimal longitude:	-066.675835
Is facility in county box:	T
LatLong method:	GO
LatLong description:	LF
Home page web address:	Not reported
Facility telephone:	Not reported
Facility email:	Not reported
Facility DUNS #:	0
Parent's name:	Puerto Rico Aqueduct and Sewer Authority
Partner's name:	Not reported
Parent's DUNS #:	0
Partner's DUNS #:	0
Operator's name:	P.R. Aqueduct and Sewer Authority
Operator's telephone:	7876202277
Operator's address:	P.O. Box 7066
Operator's address2:	Hato Rey
Operators City,St,Zip:	San Juan, PR 00916 7066
RMP implementation contact:	Martha Rivera
RMP contact title:	Technical Assistance Director
Emergency contact:	Mayra Encarnacion
Emergency contact title:	Emergency Director
Emergency contact telephone:	7874064727
24 hour emergency telephone:	7876203844
Emergency contact ext/pin #:	Not reported
Number of full time employees:	3
EPA ID:	Not reported
Facility ID provided by CEPPO:	100000187585
Is facility covered by OSHA PSM:	T
Is facility covered by EPCRA 302:	T
Is fac. covered by CAA Title V 112(2):	F
Clean air op. permit/State ID:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO URBANA FILTRATION PLANT (Continued)**

**1011841103**

Last safety insp. dat: Not reported  
 Inspected by: Never had one  
 Is it OSHA approved with star/merit ranking: False  
 Will RMP involve predictive filing: False  
 Submission type: First Time  
 RMP description: Not reported  
 Facility has no accident hist. recs: True  
 Foreign owner's address: Not reported  
 Foreign owner's zip: Not reported  
 Foreign owner's country: Not reported  
 Claim # of employees as CBI: False  
 Date RMP accepted by EPA: 2004-08-11 00:00:00  
 Date of error Report: Not reported  
 Date RMP received: 2004-06-21 00:00:00  
 Does RMP contain graphics files: False  
 Does RMP contain attachments: False  
 Was certification letter received: True  
 RMP submission method: RMP\*Submit  
 Does RMP contain CBI substantiation: False  
 Does RMP contain electronic waiver: False  
 Date RMP postmarked: 2004-06-18 00:00:00  
 Is RMP complete: True  
 Date of de-registration: 2011-10-28 00:00:00  
 Date de-registration is effective: 2011-07-12 00:00:00  
 Anniversary date: 2009-06-18 00:00:00  
 Does RMP contain CBI data: False  
 Does RMP contain unsanitized CBI version: False  
 RMP version #: 3.2  
 FRS latitude: Not reported  
 FRS longitude: Not reported  
 FRS Description: Not reported  
 FRS Method: Not reported

**RMP:**

Process ID: 53012  
 NA & Industry Classification Sys.code(s): 22132  
 NAICS code description: Sewage Treatment Facilities  
 Optional facility description: Chlorine injection/stor.  
 Program level: 3  
 Record contains CBI data: False

**RMP:**

Chemical name: Chlorine  
 Process chemical qty in 100s lbs: 10000  
 Process flammable chemical name: Not reported

**RMP:**

Percent weight of chemical: Not reported  
 Physical state: Not reported  
 Analytical basic: Not reported  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Release duration in minutes: Not reported  
 Release rate in pounds per second: Not reported  
 Wind speed in meters/second: Not reported  
 Stability class: Not reported  
 Topography: Not reported  
 Distance to endpoint in miles: Not reported



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO URBANA FILTRATION PLANT (Continued)**

**1011841103**

Residential population:	Not reported	
Public receptors:	Not reported	
Environmental receptors:	Not reported	
Passive mitigation:	Not reported	
Active mitigation:	Not reported	
<b>RMP:</b>		
Percent weight of chemical:	Not reported	
Physical state:	Not reported	
Analytical basic:	Not reported	
Scenario:	Not reported	
Quantity released in pounds:	Not reported	
Release duration in minutes:	Not reported	
Release rate in pounds per second:	Not reported	
Wind speed in meters/second:	Not reported	
Stability class:	Not reported	
Topography:	Not reported	
Distance to endpoint in miles:	Not reported	
Residential population:	Not reported	
Public receptors:	Not reported	
Environmental receptors:	Not reported	
Passive mitigation:	Not reported	
<b>RMP:</b>		
Endpoint used:	Not reported	
LFL value:	Not reported	
Analytical basic:	Not reported	
Scenario:	Not reported	
Quantity released in pounds:	Not reported	
Distance to endpoint in miles:	Not reported	
Residential population:	Not reported	
Public receptors:	Not reported	
Environmental receptors:	Not reported	
Passive mitigation:	Not reported	
Active mitigation:	Not reported	
<b>RMP:</b>		
Analytical basic:	Not reported	
Quantity released in pounds:	Not reported	
Distance to endpoint in miles:	Not reported	
Residential population:	Not reported	
Public receptors:	Not reported	
Environmental receptors:	Not reported	
Passive mitigation:	Not reported	
Safety review date:	Not reported	
Most recent PHA date:	Not reported	
Process Hazard Analysis:	Not reported	
Expected PHA changes completion date:	Not reported	
Major Hazard:	Not reported	
Process Control:	Not reported	
Mitigation Systems:	Not reported	
Monitoring/Detection:	Not reported	
Changes since the last process hazard analysis:	Not reported	
Most recent review of op. procedures:	Not reported	
Most recent training progs review/update:	Not reported	
Training:	Not reported	
Competency testing:	Not reported	
Most recent maintenance review date:	Not reported	
Most recent equipment inspection date:	Not reported	

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO URBANA FILTRATION PLANT (Continued)**

**1011841103**

Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Chemical name:	Public OCA Chemical
Process chemical qty in 100s lbs:	0
Process flammable chemical name:	Not reported
<b>RMP:</b>	
Percent weight of chemical:	Not reported
Physical state:	c
Analytical basic:	EPA's RMP*Comp(TM)
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	3
Stability class:	D
Topography:	a
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO URBANA FILTRATION PLANT (Continued)**

**1011841103**

RMP:

Percent weight of chemical:	Not reported
Physical state:	c
Analytical basic:	EPA's RMP*Comp(TM)
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	10
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	1.5
Stability class:	F
Topography:	a
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported

RMP:

Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported

RMP:

Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number	EPA ID Number
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**UTUADO URBANA FILTRATION PLANT (Continued)**

**1011841103**

Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
<b>RMP:</b>	
ER plan:	Not reported
ER plan most recent review date:	2002-02-19 00:00:00
ER plan most recent employee training date:	2004-09-30 00:00:00
Local agency coordinating ER plan:	Emergency Management Agency
Telephone of the coordinating local agency:	7878783454
Federal regulation:	False
OSHA 1910 120:	True
SPCC:	False
RCRA:	False
OPA 90:	False
EPCRA:	True
Other Regulations:	Not reported

**UTUADO WASTEWATER TREATMENT PLANT  
CARR. 10, KM 50.5  
UTUADO, PR 00641**

**RMP 1011841105  
N/A**

<b>RMP:</b>	
Facility ID:	29435
LEPC city:	Arecibo
Facility decimal latitude:	18.268333
Facility decimal longitude:	-66.71
Is facility in county box:	T
LatLong method:	G6
LatLong description:	ST

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO WASTEWATER TREATMENT PLANT (Continued)**

**1011841105**

Home page web address:	Not reported
Facility telephone:	7872817878
Facility email:	Not reported
Facility DUNS #:	0
Parent's name:	Puerto Rico Aqueduct and Sewer Authority
Partner's name:	Not reported
Parent's DUNS #:	0
Partner's DUNS #:	0
Operator's name:	Compa?ia de Aguas de Puerto Rico
Operator's telephone:	7878797211
Operator's address:	PO Box 475
Operators City,St,Zip:	Arecibo, PR 00613
RMP implementation contact:	Fernando Pina
RMP contact title:	Director of Operations
Emergency contact:	Centro de Informacion Emergencia
Emergency contact title:	Shift Supervisor
Emergency contact telephone:	7877562717
24 hour emergency telephone:	7877562706
Emergency contact ext/pin #:	Not reported
Number of full time employees:	1
EPA ID:	PRD0980533129
Facility ID provided by CEPPO:	100000125394
Is facility covered by OSHA PSM:	T
Is facility covered by EPCRA 302:	T
Is fac. covered by CAA Title V 112(2):	F
Clean air op. permit/State ID:	Not reported
Last safety insp. dat:	Not reported
Inspected by:	Unknown
Is it OSHA approved with star/merit ranking:	False
Will RMP involve predictive filing:	False
Submission type:	First Time
RMP description:	Not reported
Facility has no accident hist. recs:	True
Foreign owner's address:	Not reported
Foreign owner's zip:	Not reported
Foreign owner's country:	Not reported
Claim # of employees as CBI:	False
Date RMP accepted by EPA:	2004-01-28 00:00:00
Date of error Report:	Not reported
Date RMP received:	1999-06-22 00:00:00
Does RMP contain graphics files:	False
Does RMP contain attachments:	False
Was certification letter received:	True
RMP submission method:	RMP*Submit
Does RMP contain CBI substantiation:	False
Does RMP contain electronic waiver:	False
Date RMP postmarked:	1999-06-21 00:00:00
Is RMP complete:	True
Date of de-registration:	2007-06-26 00:00:00
Date de-registration is effective:	2006-06-09 00:00:00
Aniversary date:	2004-06-21 00:00:00
Does RMP contain CBI data:	False
Does RMP contain unsanitized CBI version:	False
RMP version #:	2.0
FRS latitude:	18.27
FRS longitude:	-66.710279999999997
FRS Description:	FACILITY CENTROID

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO WASTEWATER TREATMENT PLANT (Continued)**

**1011841105**

FRS Method: INTERPOLATION-MAP

RMP:

Process ID: 42651  
 NA & Industry Classification Sys.code(s): 22132  
 NAICS code description: Sewage Treatment Facilities  
 Optional facility description: Chlorine injection/stor.  
 Program level: 3  
 Record contains CBI data: False

RMP:

Chemical name: Chlorine  
 Process chemical qty in 100s lbs: 6000  
 Process flammable chemical name: Not reported

RMP:

Percent weight of chemical: Not reported  
 Physical state: Not reported  
 Analytical basic: Not reported  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Release duration in minutes: Not reported  
 Release rate in pounds per second: Not reported  
 Wind speed in meters/second: Not reported  
 Stability class: Not reported  
 Topography: Not reported  
 Distance to endpoint in miles: Not reported  
 Residential population: Not reported  
 Public receptors: Not reported  
 Environmental receptors: Not reported  
 Passive mitigation: Not reported  
 Active mitigation: Not reported

RMP:

Percent weight of chemical: Not reported  
 Physical state: Not reported  
 Analytical basic: Not reported  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Release duration in minutes: Not reported  
 Release rate in pounds per second: Not reported  
 Wind speed in meters/second: Not reported  
 Stability class: Not reported  
 Topography: Not reported  
 Distance to endpoint in miles: Not reported  
 Residential population: Not reported  
 Public receptors: Not reported  
 Environmental receptors: Not reported  
 Passive mitigation: Not reported

RMP:

Endpoint used: Not reported  
 LFL value: Not reported  
 Analytical basic: Not reported  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Distance to endpoint in miles: Not reported  
 Residential population: Not reported  
 Public receptors: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO WASTEWATER TREATMENT PLANT (Continued)**

**1011841105**

Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
<b>RMP:</b>	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO WASTEWATER TREATMENT PLANT (Continued)**

**1011841105**

Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Chemical name:	Public OCA Chemical
Process chemical qty in 100s lbs:	0
Process flammable chemical name:	Not reported
<b>RMP:</b>	
Percent weight of chemical:	100
Physical state:	c
Analytical basic:	EPA's OCA Guidance Reference Tables or Equations
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	3
Stability class:	D
Topography:	a
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
<b>RMP:</b>	
Percent weight of chemical:	100
Physical state:	c
Analytical basic:	EPA's OCA Guidance Reference Tables or Equations
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	10
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	1.5
Stability class:	F
Topography:	a
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
<b>RMP:</b>	
Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
<b>RMP:</b>	
Analytical basic:	Not reported



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO WASTEWATER TREATMENT PLANT (Continued)**

**1011841105**

Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO WASTEWATER TREATMENT PLANT (Continued)**

**1011841105**

RMP:

ER plan:	Not reported
ER plan most recent review date:	1999-06-16 00:00:00
ER plan most recent employee training date:	1999-09-30 00:00:00
Local agency coordinating ER plan:	Civil Defense - Zone II Arecibo
Telephone of the coordinating local agency:	7878783454
Federal regulation:	False
OSHA 1910 120:	True
SPCC:	False
RCRA:	False
OPA 90:	False
EPCRA:	False
Other Regulations:	Not reported

**UTUADO WASTEWATER TREATMENT PLANT  
CARR. 10, KM. 50.5  
UTUADO, PR 00641**

**RMP 1011841106  
N/A**

RMP:

Facility ID:	40251
LEPC city:	Not reported
Facility decimal latitude:	18.268333
Facility decimal longitude:	-066.710000
Is facility in county box:	T
LatLong method:	GO
LatLong description:	LF
Home page web address:	Not reported
Facility telephone:	Not reported
Facility email:	Not reported
Facility DUNS #:	0
Parent's name:	Puerto Rico Aqueducts and Sewers Authority
Partner's name:	Not reported
Parent's DUNS #:	0
Partner's DUNS #:	0
Operator's name:	Puerto Rico Aqueducts & Sewers Auth
Operator's telephone:	7876202277
Operator's address:	PO Box 7066
Operator's address2:	Ave Barbosa 604
Operators City,St,Zip:	San Juan, PR 00916 7066
RMP implementation contact:	Martha Rivera
RMP contact title:	Technical Director
Emergency contact:	Mayra Encarnacion
Emergency contact title:	Emergency Coordinator
Emergency contact telephone:	7876202277
24 hour emergency telephone:	7874064727
Emergency contact ext/pin #:	Not reported
Number of full time employees:	1
EPA ID:	Not reported
Facility ID provided by CEPP0:	100000125394
Is facility covered by OSHA PSM:	T
Is facility covered by EPCRA 302:	T
Is fac. covered by CAA Title V 112(2):	F
Clean air op. permit/State ID:	Not reported
Last safety insp. dat:	Not reported
Inspected by:	Never had one
Is it OSHA approved with star/merit ranking:	False
Will RMP involve predictive filing:	False

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO WASTEWATER TREATMENT PLANT (Continued)**

**1011841106**

Submission type: Resubmission  
 RMP description: Not reported  
 Facility has no accident hist. recs: True  
 Foreign owner's address: Not reported  
 Foreign owner's zip: Not reported  
 Foreign owner's country: Not reported  
 Claim # of employees as CBI: False  
 Date RMP accepted by EPA: 2004-09-16 00:00:00  
 Date of error Report: Not reported  
 Date RMP received: 2004-09-03 00:00:00  
 Does RMP contain graphics files: False  
 Does RMP contain attachments: False  
 Was certification letter received: True  
 RMP submission method: RMP\*Submit  
 Does RMP contain CBI substantiation: False  
 Does RMP contain electronic waiver: False  
 Date RMP postmarked: 2004-09-01 00:00:00  
 Is RMP complete: True  
 Date of de-registration: 2007-06-26 00:00:00  
 Date de-registration is effective: 2006-06-09 00:00:00  
 Anniversary date: 2009-09-01 00:00:00  
 Does RMP contain CBI data: False  
 Does RMP contain unsanitized CBI version: False  
 RMP version #: 3.3  
 FRS latitude: 18.27  
 FRS longitude: -66.71027999999997  
 FRS Description: FACILITY CENTROID  
 FRS Method: INTERPOLATION-MAP

RMP:

Process ID: 57854  
 NA & Industry Classification Sys.code(s): 22132  
 NAICS code description: Sewage Treatment Facilities  
 Optional facility description: sewer plant  
 Program level: 3  
 Record contains CBI data: False

RMP:

Chemical name: Chlorine  
 Process chemical qty in 100s lbs: 6000  
 Process flammable chemical name: Not reported

RMP:

Percent weight of chemical: Not reported  
 Physical state: Not reported  
 Analytical basic: Not reported  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Release duration in minutes: Not reported  
 Release rate in pounds per second: Not reported  
 Wind speed in meters/second: Not reported  
 Stability class: Not reported  
 Topography: Not reported  
 Distance to endpoint in miles: Not reported  
 Residential population: Not reported  
 Public receptors: Not reported  
 Environmental receptors: Not reported  
 Passive mitigation: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO WASTEWATER TREATMENT PLANT (Continued)**

**1011841106**

Active mitigation:	Not reported
RMP:	
Percent weight of chemical:	Not reported
Physical state:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	Not reported
Stability class:	Not reported
Topography:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
RMP:	
Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
RMP:	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO WASTEWATER TREATMENT PLANT (Continued)**

**1011841106**

Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Chemical name:	Public OCA Chemical
Process chemical qty in 100s lbs:	0
Process flammable chemical name:	Not reported

**RMP:**

Percent weight of chemical:	Not reported
Physical state:	c
Analytical basic:	EPA's RMP*Comp(TM)
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	3
Stability class:	D
Topography:	a
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Excess flow valve

**RMP:**

Percent weight of chemical:	Not reported
Physical state:	c
Analytical basic:	EPA's RMP*Comp(TM)

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO WASTEWATER TREATMENT PLANT (Continued)**

**1011841106**

Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	10
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	1.5
Stability class:	F
Topography:	a
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
<b>RMP:</b>	
Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
<b>RMP:</b>	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO WASTEWATER TREATMENT PLANT (Continued)**

**1011841106**

Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
<b>RMP:</b>	
ER plan:	Not reported
ER plan most recent review date:	2004-02-25 00:00:00
ER plan most recent employee training date:	2003-09-30 00:00:00
Local agency coordinating ER plan:	Emergency Management Agency
Telephone of the coordinating local agency:	7877240124
Federal regulation:	False
OSHA 1910 120:	True
SPCC:	False
RCRA:	False
OPA 90:	False
EPCRA:	True
Other Regulations:	Not reported

**AAA - PLANTA DE FILTROS RONCADOR, UTUADO  
CARR.# 603 KM.4.0 SECTOR RONCADOR INTERIOR  
UTUADO, PR 00641**

**FINDS 1024400902  
N/A**

**FINDS:**  
Registry ID: 110070315275  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110070315275](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070315275)

Environmental Interest/Information System:  
OSHA ESTABLISHMENT

The FINDS: database may contain additional details for this site.  
Please contact your EDR Account Executive for more information

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>AAA PLANTA DE FILTROS MAMEYES ABAJO UTUADO</b> <b>CARR.# 141 KM. 19.1 MAMEYES ABAJO</b> <b>UTUADO, PR 00641</b>  FINDS: Registry ID: 110070316911 Facility URL: <a href="http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070316911">http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070316911</a>  Environmental Interest/Information System: OSHA ESTABLISHMENT  The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information	FINDS	1024402262 N/A
<b>AAA- PLANTA DE FILTROS SABANA GRANDE, UTUADO</b> <b>CARR.611 KM. 6.0 BO. SABANA GRANDE</b> <b>UTUADO, PR 00641</b>  FINDS: Registry ID: 110070316900 Facility URL: <a href="http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070316900">http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070316900</a>  Environmental Interest/Information System: OSHA ESTABLISHMENT  The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information	FINDS	1024402251 N/A
<b>PRASA SANTA ISABEL</b> <b>CARRETERA 602 KM. 6.3</b> <b>UTUADO, PR 00641</b>  ICIS: Enforcement Action ID: 02-2003-8316 FRS ID: 110013723051 Action Name: PRASA Santa Isabel Facility Name: PRASA SANTA ISABEL Facility Address: CARRETERA 602 KM. 6.3 UTUADO, PR 00641  Enforcement Action Type: SDWA 1414G3 AO For Penalties (PWS) Facility County: UTUADO Program System Acronym: ICIS Enforcement Action Forum Desc: Administrative - Formal EA Type Code: 1414G3 Facility SIC Code: Not reported Federal Facility ID: Not reported Latitude in Decimal Degrees: 18.29327 Longitude in Decimal Degrees: -66.822742 Permit Type Desc: Not reported Program System Acronym: 2658668 Facility NAICS Code: Not reported Tribal Land Code: Not reported  Enforcement Action ID: 02-2002-8056 FRS ID: 110013723051 Action Name: PRASA SANTA ISABEL Facility Name: PRASA SANTA ISABEL Facility Address: CARRETERA 602 KM. 6.3 UTUADO, PR 00641	ICIS	1018302813 N/A



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Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA SANTA ISABEL (Continued)**

**1018302813**

Enforcement Action Type: SDWA 1414G2 AO For Compliance (PWS)  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G2  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.29327  
 Longitude in Decimal Degrees: -66.822742  
 Permit Type Desc: Not reported  
 Program System Acronym: 32242  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: PRASA SANTA ISABEL  
 Address: CARR 602 KM 6.3  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

Facility Name: PRASA SANTA ISABEL  
 Address: CARR 602 KM 6.3  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

**ESSO S/S 2P-453  
 COANILLAS WARD  
 UTUADO, PR 00641**

**UST U003430354  
 N/A**

UST:  
 Facility ID: 2-861310  
 Tank Status: Permanently Out of Use  
 Substance Description: Not Listed

Facility ID: 2-861310  
 Tank Status: Permanently Out of Use  
 Substance Description: Not Listed

Facility ID: 2-861310  
 Tank Status: Permanently Out of Use  
 Substance Description: Not Listed

**P R SUGAR-COLOSO  
 COLOSO  
 COLOSO, PR 00641**

**ICIS 1019911738  
 N/A**

ICIS:  
 Enforcement Action ID: 02-1978-0002  
 FRS ID: 110007807436  
 Action Name: P.R. SUGAR-COLOSO  
 Facility Name: P R SUGAR-COLOSO  
 Facility Address: COLOSO

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**P R SUGAR-COLOSO (Continued)**

**1019911738**

COLOSO, PR 00641  
 Enforcement Action Type: Civil Judicial Action  
 Facility County: AGUADA  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: 2061  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.381849  
 Longitude in Decimal Degrees: -67.160261  
 Permit Type Desc: Not reported  
 Program System Acronym: 32589  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

**CENTRAL HIDROEL CTRICA CAONILLAS  
 DON ALONSO WARD  
 UTUADO, PR 00641**

**UST U003431815  
 N/A**

UST:  
 Facility ID: 2-940106  
 Tank Status: Permanently Out of Use  
 Substance Description: Other  
  
 Facility ID: 2-940106  
 Tank Status: Permanently Out of Use  
 Substance Description: Other

**GARAGE RULLAN  
 DR.CUETO # 8  
 UTUADO, PR 00641**

**UST U003430042  
 N/A**

UST:  
 Facility ID: 2-860904  
 Tank Status: Currently In Use  
 Substance Description: Not reported  
  
 Facility ID: 2-860904  
 Tank Status: Currently In Use  
 Substance Description: Not reported  
  
 Facility ID: 2-860904  
 Tank Status: Permanently Out of Use  
 Substance Description: Gasoline  
  
 Facility ID: 2-860904  
 Tank Status: Permanently Out of Use  
 Substance Description: Gasoline  
  
 Facility ID: 2-860904  
 Tank Status: Permanently Out of Use  
 Substance Description: Gasoline

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**LA ESTANCITA COMMUNITY  
END OF RD 603  
UTUADO, PR 00641**

**ICIS 1005834641  
FINDS N/A  
ECHO**

ICIS:

Enforcement Action ID: 02-2001-8039  
 FRS ID: 110010785105  
 Action Name: LA ESTANCITA COMMUNITY  
 Facility Name: LA ESTANCITA COMMUNITY  
 Facility Address: END OF RD 603  
 UTUADO, PR 00641  
 Enforcement Action Type: SDWA 1414G2 AO For Compliance (PWS)  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G2  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: Not reported  
 Longitude in Decimal Degrees: Not reported  
 Permit Type Desc: Not reported  
 Program System Acronym: 33364  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: LA ESTANCITA COMMUNITY  
 Address: END OF RD 603  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

FINDS:

Registry ID: 110010785105  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110010785105](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110010785105)

Environmental Interest/Information System:

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid: 1005834641  
 Registry ID: 110010785105

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**LA ESTANCITA COMMUNITY (Continued)**

**1005834641**

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110010785105>  
 Name: LA ESTANCITA COMMUNITY  
 Address: END OF RD 603  
 City,State,Zip: UTUADO, PR 00641

**PRASA - SABANA GRANDE WARD WTP  
 ESTATE RD 611 KM 7.2  
 UTUADO, PR 00641**

**ICIS 1008921542  
 FINDS N/A  
 ECHO**

ICIS:

Enforcement Action ID: 02-2004-0012  
 FRS ID: 110022861303  
 Action Name: PRASA VI (Backwash)  
 Facility Name: PRASA - SABANA GRANDE WARD WTP  
 Facility Address: ESTATE RD 611 KM 7.2  
 UTUADO, PR 00641  
 Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO  
 Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.281778  
 Longitude in Decimal Degrees: -66.671222  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0026255  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: PRASA - SABANA GRANDE WARD WTP  
 Address: ESTATE RD 611 KM 7.2  
 Tribal Indicator: N  
 Fed Facility: No  
 NAIC Code: Not reported  
 SIC Code: 4941

FINDS:

Registry ID: 110022861303  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110022861303](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110022861303)

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid: 1008921542

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA - SABANA GRANDE WARD WTP (Continued)**

**1008921542**

Registry ID: 110022861303  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110022861303>  
 Name: PRASA - SABANA GRANDE WARD WTP  
 Address: PR-611 KM 7.2  
 City,State,Zip: UTUADO, PR 00641

**B & B PARKING LOT ANTIGUA TABA CALERA  
 19 ESTEVES AVE RIO VIVI ABAJO  
 UTUADO, PR 00641**

**RCRA NonGen / NLR  
 FINDS  
 ECHO**

**1001961937  
 PRR000012278**

RCRA NonGen / NLR:

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: B & B PARKING LOT ANTIGUA TABA CALERA  
 Facility address: 19 ESTEVES AVE RIO VIVI ABAJO  
 UTUADO, PR 00641  
 EPA ID: PRR000012278  
 Mailing address: PO BOX 1026  
 ARECIBO, PR 00613  
 Contact: ANGEL SOTO  
 Contact address: PO BOX 1026  
 ARECIBO, PR 00613  
 Contact country: US  
 Contact telephone: 787-878-0980  
 Contact email: Not reported  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ANGEL SOTO  
 Owner/operator address: PO BOX 1026 - 352 DEDIEGO AVE  
 ARECIBO, PR 00613  
 Owner/operator country: US  
 Owner/operator telephone: 787-878-0980  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: ANGEL SOTO  
 Owner/operator address: PO BOX 1026 - 352 DEDIEGO AVE  
 ARECIBO, PR 00613  
 Owner/operator country: US  
 Owner/operator telephone: 787-878-0980  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**B & B PARKING LOT ANTIGUA TABA CALERA (Continued)**

**1001961937**

Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: B & B PARKING LOT ANTIGUA TABA CALERA  
 Classification: Not a generator, verified

Date form received by agency: 2000-01-26 00:00:00.0  
 Site name: B & B PARKING LOT ANTIGUA TABA CALERA  
 Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D000  
 . Waste name: Not Defined  
  
 . Waste code: D008  
 . Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110004895506  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110004895506](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110004895506)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

ECHO:

Envid: 1001961937  
 Registry ID: 110004895506  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004895506>  
 Name: B & B PARKING LOT ANTIGUA TABA CALERA  
 Address: 19 ESTEVES AVE RIO VIVI ABAJO  
 City,State,Zip: UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO SERVICE STATION  
ESTEVEZ AVE. #19  
UTUADO, PR 00641**

**UST U003431776  
N/A**

UST:

Facility ID:	2-940054
Tank Status:	Currently in Use
Substance Description:	Not reported
Facility ID:	2-940054
Tank Status:	Currently in Use
Substance Description:	Not reported
Facility ID:	2-940054
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-940054
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline

**EMPRESAS RIOS  
FERNANDEZ LUIS RIVA AVE  
UTUADO, PR 00641**

**RCRA NonGen / NLR 1004779331  
PRR000014506**

RCRA NonGen / NLR:

Date form received by agency: 2008-01-01 00:00:00.0

Facility name: EMPRESAS RIOS

Facility address: FERNANDEZ LUIS RIVA AVE  
DOMINICI #55  
UTUADO, PR 00641

EPA ID: PRR000014506

Mailing address: PO BOX 119  
UTUADO, PR 00641

Contact: JOSE RIOS

Contact address: PO BOX 119  
UTUADO, PR 00641

Contact country: US

Contact telephone: 787-894-2098

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: EMPRESAS RIOS

Owner/operator address: PO BOX 119  
UTUADO, PR 00641

Owner/operator country: US

Owner/operator telephone: 787-894-2098

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 2001-01-01 00:00:00.

Owner/Op end date: Not reported

Owner/operator name: EMPRESAS RIOS

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**EMPRESAS RIOS (Continued)**

**1004779331**

Owner/operator address: PO BOX 119  
 UTUADO, PR 00641  
 Owner/operator country: US  
 Owner/operator telephone: 787-894-2098  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 2001-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Universal Waste Summary:

Waste type: Pesticides  
 Accumulated waste on-site: Yes  
 Generated waste on-site: Not reported

Waste type: Batteries  
 Accumulated waste on-site: Yes  
 Generated waste on-site: Not reported

Waste type: Thermostats  
 Accumulated waste on-site: Yes  
 Generated waste on-site: Not reported

Waste type: Lamps  
 Accumulated waste on-site: Yes  
 Generated waste on-site: Not reported

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: EMPRESAS RIOS  
 Classification: Not a generator, verified

Date form received by agency: 2002-01-10 00:00:00.0  
 Site name: EMPRESAS RIOS  
 Classification: Small Quantity Generator



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**EMPRESAS RIOS (Continued)**

**1004779331**

Hazardous Waste Summary:

- . Waste code: D003
- . Waste name: REACTIVE WASTE
  
- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
  
- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE
  
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: P106
- . Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
  
- Violation Status: No violations found

**EMPRESAS RIOS  
FERNANDEZ LUIS RIVA AVE  
UTUADO, PR 00641**

**FINDS 1016301158  
ECHO N/A**

FINDS:

Registry ID: 110012220195  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110012220195](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110012220195)

Environmental Interest/Information System:

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The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid: 1016301158  
 Registry ID: 110012220195  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110012220195>  
 Name: EMPRESAS RIOS  
 Address: FERNANDEZ LUIS RIVA AVE  
 City,State,Zip: UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PAPELERA PUERTORRIQUE A INC.**  
**55 FERNANDO L. RIBAS, DOMINICHI AVENUE**  
**UTUADO, PR 00641**

**ECHO 1017485846**  
**N/A**

ECHO:  
 Envid: 1017485846  
 Registry ID: 110038453223  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110038453223>  
 Name: PAPELERA PUERTORRIQUE A INC.  
 Address: 55 FERNANDO L. RIBAS, DOMINICHI AVENUE  
 City,State,Zip: UTUADO, PR 00641

**PAPELERA PUERTORRIQUE'A INC.**  
**55 FERNANDO L. RIBAS, DOMINICHI AVENUE**  
**UTUADO, PR 00641**

**FINDS 1016631517**  
**N/A**

FINDS:  
 Registry ID: 110038453223  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110038453223](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110038453223)

Environmental Interest/Information System:  
 US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

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**PREPA (UTUADO TECHNICOST AREA)**  
**FERNANDO LUIS RIVAS AVE INT 605**  
**UTUADO, PR 00641**

**FTTS 1008218195**  
**HIST FTTS N/A**

FTTS INSP:  
 Inspection Number: 2000102614684 1  
 Region: 02  
 Inspection Date: 10/26/00  
 Inspector: L. LUGO, IC  
 Violation occurred: No  
 Investigation Type: Section 6 PCB Federal Conducted  
 Investigation Reason: For Cause, Private Citizen/Press Complaint  
 Legislation Code: TSCA  
 Facility Function: User

HIST FTTS INSP:  
 Inspection Number: 2000102614684 1  
 Region: 02  
 Inspection Date: Not reported  
 Inspector: L. LUGO, IC  
 Violation occurred: No  
 Investigation Type: Section 6 PCB Federal Conducted  
 Investigation Reason: For Cause, Private Citizen/Press Complaint  
 Legislation Code: TSCA

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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<b>PREPA (UTUADO TECHNICOST AREA) (Continued)</b>		<b>1008218195</b>
Facility Function: User		

<b>SAFETY IMPROVEMENTS PR-10 FROM KM 56 @ KM 85.5 MUN PR-10 FROM INT. PR-22 TO INT. PR-111 UTUADO, PR 00641</b>	<b>FINDS ECHO</b>	<b>1023656430 N/A</b>
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FINDS:  
 Registry ID: 110070067240  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110070067240](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070067240)

Environmental Interest/Information System:  
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ECHO:  
 Envid: 1023656430  
 Registry ID: 110070067240  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070067240>  
 Name: SAFETY IMPROVEMENTS PR-10 FROM KM 56 @ KM 85.5 MUNICIPALITIES OF ARECIBO-UTUADO  
 Address: PR-10 FROM INT. PR-22 TO INT. PR-111  
 City,State,Zip: UTUADO, PR 00641

<b>PRASA WTP RONCADOR PR-603 INT KM 4.2 UTUADO, PR 00641</b>	<b>ICIS FINDS ECHO</b>	<b>1005882772 N/A</b>
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ICIS:  
 Enforcement Action ID: 02-1998-0359  
 FRS ID: 110010604202  
 Action Name: PRASA 3  
 Facility Name: PRASA WTP RONCADOR  
 Facility Address: STATE RD 603 INT KM 4.2  
 UTUADO, PR 00641  
 Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.250208  
 Longitude in Decimal Degrees: -66.759502  
 Permit Type Desc: Not reported  
 Program System Acronym: 44413  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA WTP RONCADOR (Continued)**

**1005882772**

Enforcement Action ID: 02-1995-0373  
 FRS ID: 110010604202  
 Action Name: PRASA - WATER TREATMENT PLANTS  
 Facility Name: PRASA WTP RONCADOR  
 Facility Address: STATE RD 603 INT KM 4.2  
 UTUADO, PR 00641  
 Enforcement Action Type: CWA 309A AO For Compliance  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 309A  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.250208  
 Longitude in Decimal Degrees: -66.759502  
 Permit Type Desc: Not reported  
 Program System Acronym: 44413  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: PRASA WTP RONCADOR  
 Address: STATE RD 603 INT KM 4.2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: Not reported

Facility Name: PRASA WTP RONCADOR  
 Address: STATE RD 603 INT KM 4.2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: Not reported

**FINDS:**

Registry ID: 110010604202  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110010604202](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110010604202)

**Environmental Interest/Information System:**

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ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA WTP RONCADOR (Continued)**

**1005882772**

it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1005882772  
 Registry ID: 110010604202  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110010604202>  
 Name: PRASA WTP RONCADOR  
 Address: PR-603 INT KM 4.2  
 City,State,Zip: UTUADO, PR 00641

**SHELL CO PR LTD - SHELL SS 2534  
 PR-10 INT PR-111  
 UTUADO, PR 00641**

**FINDS 1016239417  
 ECHO N/A**

**FINDS:**

Registry ID: 110007818282  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110007818282](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007818282)

**Environmental Interest/Information System:**

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The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016239417  
 Registry ID: 110007818282  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007818282>  
 Name: SHELL CO PR LTD - SHELL SS 2534  
 Address: PR-10 INT PR-111  
 City,State,Zip: UTUADO, PR 00641

**#524 - CASALDUC  
 PR-10 KM 2.1  
 UTUADO, PR 00641**

**FINDS 1016689453  
 ECHO N/A**

**FINDS:**

Registry ID: 110043709751  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110043709751](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110043709751)

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**#524 - CASALDUC (Continued)**

**1016689453**

complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid:	1016689453
Registry ID:	110043709751
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110043709751">http://echo.epa.gov/detailed-facility-report?fid=110043709751</a>
Name:	#524 - CASALDUC
Address:	PR-10 KM 2.1
City,State,Zip:	UTUADO, PR 00641

**#559 - JESUS SANTIAGO  
PR-111 KM 3.9 BO VIVI ABAJO  
UTUADO, PR 00641**

**FINDS 1016689423  
ECHO N/A**

**FINDS:**

Registry ID:	110043705096
Facility URL:	<a href="http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110043705096">http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110043705096</a>

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid:	1016689423
Registry ID:	110043705096
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110043705096">http://echo.epa.gov/detailed-facility-report?fid=110043705096</a>
Name:	#559 - JESUS SANTIAGO
Address:	PR-111 KM 3.9 BO VIVI ABAJO
City,State,Zip:	UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ACUEDUCTO LA GRAMA  
PR-613 KM 7.1  
UTUADO, PR 00641**

**ICIS 1005657096  
FINDS N/A  
ECHO**

ICIS:

Enforcement Action ID: 02-2005-8008  
 FRS ID: 110010763389  
 Action Name: La Grama Community  
 Facility Name: ACUEDUCTO LA GRAMA  
 Facility Address: 613 KM 7.1  
 UTUADO, PR 00641  
 Enforcement Action Type: SDWA 1414G2 AO For Compliance (PWS)  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G2  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.271143  
 Longitude in Decimal Degrees: -66.619113  
 Permit Type Desc: Not reported  
 Program System Acronym: 25184  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2000-8714  
 FRS ID: 110010763389  
 Action Name: ACUEDUCTO LA GRAMA  
 Facility Name: ACUEDUCTO LA GRAMA  
 Facility Address: 613 KM 7.1  
 UTUADO, PR 00641  
 Enforcement Action Type: SDWA 1414G2 AO For Compliance (PWS)  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G2  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.271143  
 Longitude in Decimal Degrees: -66.619113  
 Permit Type Desc: Not reported  
 Program System Acronym: 25184  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: ACUEDUCTO LA GRAMA  
 Address: 613 KM 7.1  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

Facility Name: ACUEDUCTO LA GRAMA  
 Address: 613 KM 7.1  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ACUEDUCTO LA GRAMA (Continued)**

**1005657096**

Facility Name: ACUEDUCTO LA GRAMA  
 Address: 613 KM 7.1  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

Facility Name: ACUEDUCTO LA GRAMA  
 Address: 613 KM 7.1  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

**FINDS:**

Registry ID: 110010763389  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110010763389](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110010763389)

**Environmental Interest/Information System:**

**COMMUNITY WATER SYSTEM**  
 ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1005657096  
 Registry ID: 110010763389  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110010763389>  
 Name: ACUEDUCTO LA GRAMA  
 Address: PR-613 KM 7.1  
 City,State,Zip: UTUADO, PR 00641

**CHORRERAS COMMUNITY  
 PR-10 KM 46.3  
 UTUADO, PR 00641**

**FINDS 1016682882  
 ECHO N/A**

**FINDS:**

Registry ID: 110013695965  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110013695965](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110013695965)

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**CHORRERAS COMMUNITY (Continued)**

**1016682882**

complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid:	1016682882
Registry ID:	110013695965
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110013695965">http://echo.epa.gov/detailed-facility-report?fid=110013695965</a>
Name:	CHORRERAS COMMUNITY
Address:	PR-10 KM 46.3
City,State,Zip:	UTUADO, PR 00641

**COL REGIONAL DE LA MONTANA  
PR-10 KM 52.2  
UTUADO, PR 00641**

**FINDS 1016681080  
ECHO N/A**

**FINDS:**

Registry ID:	110007802958
Facility URL:	<a href="http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110007802958">http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110007802958</a>

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid:	1016681080
Registry ID:	110007802958
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110007802958">http://echo.epa.gov/detailed-facility-report?fid=110007802958</a>
Name:	COL REGIONAL DE LA MONTANA
Address:	PR-10 KM 52.2
City,State,Zip:	UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ESSO STANDARD OIL CO PR SS CO-450**  
**PR-111 KM 0.7**  
**UTUADO, PR 00641**

**FINDS 1016682952**  
**ECHO N/A**

**FINDS:**

Registry ID: 110014362689  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110014362689](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110014362689)

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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**ECHO:**

Envid: 1016682952  
 Registry ID: 110014362689  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110014362689>  
 Name: ESSO STANDARD OIL CO PR SS CO-450  
 Address: PR-111 KM 0.7  
 City,State,Zip: UTUADO, PR 00641

**FERROVIAL AGROMAN - PR-10 SECTION 1A - PRR10B424**  
**PR-123 KM 50.9**  
**UTUADO, PR 00641**

**FINDS 1016460009**  
**ECHO N/A**

**FINDS:**

Registry ID: 110024531103  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110024531103](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110024531103)

**Environmental Interest/Information System:**

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

ICIS (Integrated Compliance Information System) is the Integrated

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**FERROVIAL AGROMAN - PR-10 SECTION 1A - PRR10B424 (Continued)**

**1016460009**

Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016460009  
 Registry ID: 110024531103  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110024531103>  
 Name: FERROVIAL AGROMAN - PR-10 SECTION 1A - PRR10B424  
 Address: PR-123 KM 50.9  
 City,State,Zip: UTUADO, PR 00641

**FORMER GULF 406  
 PR-10 KM 53.7  
 UTUADO, PR 00641**

**FINDS 1015990260  
 ECHO N/A**

**FINDS:**

Registry ID: 110045469809  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110045469809](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110045469809)

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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**ECHO:**

Envid: 1015990260  
 Registry ID: 110045469809  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110045469809>  
 Name: FORMER GULF 406  
 Address: PR-10 KM 53.7

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**FORMER GULF 406 (Continued)**

1015990260

City,State,Zip: UTUADO, PR 00641

**FORMER GULF 406  
PR-123 KM 53.9 SALTO ARRIBA  
UTUADO, PR 00641**

**FINDS 1016446842  
N/A**

**FINDS:**

Registry ID: 110056158358  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110056158358](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110056158358)

**Environmental Interest/Information System:**

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**GULF 47  
PR-10 KM 50.0  
UTUADO, PR 00641**

**ICIS 1011907551  
FINDS N/A  
ECHO**

**ICIS:**

Enforcement Action ID: 02-2011-7504  
FRS ID: 110037245629  
Action Name: Puma Energy Caribe, LLC  
Facility Name: GULF #47  
Facility Address: CARR 10, KM 50.0  
UTUADO, PR 00641  
  
Enforcement Action Type: Prospective Purchaser Agreement  
Facility County: UTUADO  
Program System Acronym: ICIS  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: PPA  
Facility SIC Code: 5541  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: +18.27233  
Longitude in Decimal Degrees: -66.711321  
Permit Type Desc: Not reported  
Program System Acronym: 1400004263  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Facility Name: GULF #47  
Address: CARR 10, KM 50.0

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**GULF 47 (Continued)**

**1011907551**

Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 5541

**FINDS:**

Registry ID: 110037245629  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110037245629](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110037245629)

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1011907551  
 Registry ID: 110037245629  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110037245629>  
 Name: GULF 47  
 Address: PR-10 KM 50.0  
 City,State,Zip: UTUADO, PR 00641

**HACIENDA RULLAN COMMUNITY  
 PR-613 KM 86 BO TETUAN 2  
 UTUADO, PR 00641**

**ICIS 1005695968  
 FINDS N/A  
 ECHO**

**ICIS:**

Enforcement Action ID: 02-2013-8307  
 FRS ID: 110010606040  
 Action Name: Hacienda Rullan Community  
 Facility Name: HACIENDA RULLAN COMMUNITY  
 Facility Address: STATE RD 613 KM 86 BO TETUAN 2  
 UTUADO, PR 00641  
 Enforcement Action Type: SDWA 1414G2 AO For Compliance (PWS)  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G2  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: +18.274167  
 Longitude in Decimal Degrees: -66.610278  
 Permit Type Desc: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**HACIENDA RULLAN COMMUNITY (Continued)**

**1005695968**

Program System Acronym:	44415
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Enforcement Action ID:	02-2009-8311
FRS ID:	110010606040
Action Name:	Hacienda Rullan Community
Facility Name:	HACIENDA RULLAN COMMUNITY
Facility Address:	STATE RD 613 KM 86 BO TETUAN 2 UTUADO, PR 00641
Enforcement Action Type:	SDWA 1414G2 AO For Compliance (PWS)
Facility County:	UTUADO
Program System Acronym:	SFDW
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	1414G2
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	Not reported
Longitude in Decimal Degrees:	Not reported
Permit Type Desc:	Not reported
Program System Acronym:	PR0272102
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Enforcement Action ID:	02-2007-8311
FRS ID:	110010606040
Action Name:	Hacienda Rullan Community
Facility Name:	HACIENDA RULLAN COMMUNITY
Facility Address:	STATE RD 613 KM 86 BO TETUAN 2 UTUADO, PR 00641
Enforcement Action Type:	SDWA 1414G2 AO For Compliance (PWS)
Facility County:	UTUADO
Program System Acronym:	SFDW
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	1414G2
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	Not reported
Longitude in Decimal Degrees:	Not reported
Permit Type Desc:	Not reported
Program System Acronym:	PR0272102
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Enforcement Action ID:	02-2004-8088
FRS ID:	110010606040
Action Name:	Hacienda Rullan Community
Facility Name:	HACIENDA RULLAN COMMUNITY
Facility Address:	STATE RD 613 KM 86 BO TETUAN 2 UTUADO, PR 00641
Enforcement Action Type:	SDWA 1414G2 AO For Compliance (PWS)
Facility County:	UTUADO
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	1414G2
Facility SIC Code:	4941
Federal Facility ID:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**HACIENDA RULLAN COMMUNITY (Continued)**

**1005695968**

Latitude in Decimal Degrees: +18.274167  
 Longitude in Decimal Degrees: -66.610278  
 Permit Type Desc: Not reported  
 Program System Acronym: 44415  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2001-8016  
 FRS ID: 110010606040  
 Action Name: HACIENDA RULLAN COMMUNITY  
 Facility Name: HACIENDA RULLAN COMMUNITY  
 Facility Address: STATE RD 613 KM 86 BO TETUAN 2  
 UTUADO, PR 00641  
 Enforcement Action Type: SDWA 1414G2 AO For Compliance (PWS)  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G2  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: +18.274167  
 Longitude in Decimal Degrees: -66.610278  
 Permit Type Desc: Not reported  
 Program System Acronym: 44415  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: HACIENDA RULLAN COMMUNITY  
 Address: STATE RD 613 KM 86 BO TETUAN 2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

Facility Name: HACIENDA RULLAN COMMUNITY  
 Address: STATE RD 613 KM 86 BO TETUAN 2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

Facility Name: HACIENDA RULLAN COMMUNITY  
 Address: STATE RD 613 KM 86 BO TETUAN 2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: Not reported

Facility Name: HACIENDA RULLAN COMMUNITY  
 Address: STATE RD 613 KM 86 BO TETUAN 2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: Not reported

Facility Name: HACIENDA RULLAN COMMUNITY

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**HACIENDA RULLAN COMMUNITY (Continued)**

**1005695968**

Address: STATE RD 613 KM 86 BO TETUAN 2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: Not reported

Facility Name: HACIENDA RULLAN COMMUNITY  
 Address: STATE RD 613 KM 86 BO TETUAN 2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: Not reported

Facility Name: HACIENDA RULLAN COMMUNITY  
 Address: STATE RD 613 KM 86 BO TETUAN 2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

Facility Name: HACIENDA RULLAN COMMUNITY  
 Address: STATE RD 613 KM 86 BO TETUAN 2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

Facility Name: HACIENDA RULLAN COMMUNITY  
 Address: STATE RD 613 KM 86 BO TETUAN 2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

Facility Name: HACIENDA RULLAN COMMUNITY  
 Address: STATE RD 613 KM 86 BO TETUAN 2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

**FINDS:**

Registry ID: 110010606040  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110010606040](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110010606040)

**Environmental Interest/Information System:**

COMMUNITY WATER SYSTEM  
 ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**HACIENDA RULLAN COMMUNITY (Continued)**

**1005695968**

Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1005695968  
 Registry ID: 110010606040  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110010606040>  
 Name: HACIENDA RULLAN COMMUNITY  
 Address: PR-613 KM 86 BO TETUAN 2  
 City,State,Zip: UTUADO, PR 00641

**LA CONCHITA COMMUNITY  
 PR-10 KM 52.5 BO SALTO ARRIBA  
 UTUADO, PR 00641**

**ICIS 1006263083  
 FINDS N/A  
 ECHO**

**ICIS:**

Enforcement Action ID: 02-2009-8310  
 FRS ID: 110010763726  
 Action Name: La Cascada Milagrosa Community  
 Facility Name: LA CONCHITA COMMUNITY  
 Facility Address: RD 10, KM 52.5, BO. SALTO ARRIBA  
 UTUADO, PR 00641  
 Enforcement Action Type: SDWA 1414G2 AO For Compliance (PWS)  
 Facility County: UTUADO  
 Program System Acronym: SFDW  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G2  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.330865  
 Longitude in Decimal Degrees: -66.679329  
 Permit Type Desc: Not reported  
 Program System Acronym: PR0272162  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2007-8307  
 FRS ID: 110010763726  
 Action Name: La Cascada Milagrosa Community  
 Facility Name: LA CONCHITA COMMUNITY  
 Facility Address: RD 10, KM 52.5, BO. SALTO ARRIBA  
 UTUADO, PR 00641  
 Enforcement Action Type: SDWA 1414G2 AO For Compliance (PWS)  
 Facility County: UTUADO  
 Program System Acronym: SFDW  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G2  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.330865  
 Longitude in Decimal Degrees: -66.679329  
 Permit Type Desc: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**LA CONCHITA COMMUNITY (Continued)**

**1006263083**

Program System Acronym:	PR0272162
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Enforcement Action ID:	02-2004-8106
FRS ID:	110010763726
Action Name:	La Conchita Community
Facility Name:	LA CONCHITA COMMUNITY
Facility Address:	RD 10, KM 52.5, BO. SALTO ARRIBA UTUADO, PR 00641
Enforcement Action Type:	SDWA 1414G2 AO For Compliance (PWS)
Facility County:	UTUADO
Program System Acronym:	SFDW
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	1414G2
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.330865
Longitude in Decimal Degrees:	-66.679329
Permit Type Desc:	Not reported
Program System Acronym:	PR0272162
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Enforcement Action ID:	02-2001-8075
FRS ID:	110010763726
Action Name:	LA CONCHITA COMMUNITY
Facility Name:	LA CONCHITA COMMUNITY
Facility Address:	RD 10, KM 52.5, BO. SALTO ARRIBA UTUADO, PR 00641
Enforcement Action Type:	SDWA 1414G2 AO For Compliance (PWS)
Facility County:	UTUADO
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	1414G2
Facility SIC Code:	4941
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.330865
Longitude in Decimal Degrees:	-66.679329
Permit Type Desc:	Not reported
Program System Acronym:	40483
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Facility Name:	LA CONCHITA COMMUNITY
Address:	RD 10, KM 52.5, BO. SALTO ARRIBA
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	LA CONCHITA COMMUNITY
Address:	RD 10, KM 52.5, BO. SALTO ARRIBA
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**LA CONCHITA COMMUNITY (Continued)**

**1006263083**

SIC Code:	Not reported
Facility Name:	LA CONCHITA COMMUNITY
Address:	RD 10, KM 52.5, BO. SALTO ARRIBA
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	LA CONCHITA COMMUNITY
Address:	RD 10, KM 52.5, BO. SALTO ARRIBA
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	LA CONCHITA COMMUNITY
Address:	RD 10, KM 52.5, BO. SALTO ARRIBA
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	LA CONCHITA COMMUNITY
Address:	RD 10, KM 52.5, BO. SALTO ARRIBA
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	LA CONCHITA COMMUNITY
Address:	RD 10, KM 52.5, BO. SALTO ARRIBA
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4941
Facility Name:	LA CONCHITA COMMUNITY
Address:	RD 10, KM 52.5, BO. SALTO ARRIBA
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4941

**FINDS:**

Registry ID:	110010763726
Facility URL:	<a href="http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110010763726">http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110010763726</a>

**Environmental Interest/Information System:**

COMMUNITY WATER SYSTEM  
 ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**LA CONCHITA COMMUNITY (Continued)**

**1006263083**

Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid:	1006263083
Registry ID:	110010763726
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110010763726">http://echo.epa.gov/detailed-facility-report?fid=110010763726</a>
Name:	LA CONCHITA COMMUNITY
Address:	PR-10 KM 52.5 BO SALTO ARRIBA
City,State,Zip:	UTUADO, PR 00641

**LA JULITA COMMUNITY  
PR-149 KM 46.9 BO LA JULITA  
UTUADO, PR 00641**

**FINDS 1016682229  
ECHO N/A**

**FINDS:**

Registry ID:	110010634144
Facility URL:	<a href="http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110010634144">http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110010634144</a>

**Environmental Interest/Information System:**

**WATER TREATMENT PLANT**  
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid:	1016682229
Registry ID:	110010634144
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110010634144">http://echo.epa.gov/detailed-facility-report?fid=110010634144</a>
Name:	LA JULITA COMMUNITY
Address:	PR-149 KM 46.9 BO LA JULITA
City,State,Zip:	UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**MAMEYES ABAJO - LIMON RIVER  
PR-140 KM 19.2 INT  
UTUADO, PR 00641**

**FINDS 1017018744  
N/A**

FINDS:

Registry ID: 110048635018  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110048635018](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110048635018)

Environmental Interest/Information System:  
WATER TREATMENT PLANT

The FINDS: database may contain additional details for this site.  
Please contact your EDR Account Executive for more information

**MUNICIPALITY OF UTUADO  
PR-111 KM 3.1  
UTUADO, PR 00641**

**ICIS 1016680567  
FINDS N/A  
ECHO**

ICIS:

Enforcement Action ID: 02-2000-7111  
FRS ID: 110004890486  
Action Name: UTUADO, MUNICIPALITY OF  
Facility Name: MUNICIPALITY OF UTUADO  
Facility Address: PR-111 KM 3.1  
UTUADO, PR 00641  
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty  
Facility County: UTUADO  
Program System Acronym: RCRAINFO  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 3008A  
Facility SIC Code: Not reported  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 18.299438  
Longitude in Decimal Degrees: -66.782829  
Permit Type Desc: Not reported  
Program System Acronym: PRN008005324  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Facility Name: MUNICIPALITY OF UTUADO  
Address: PR-111 KM 3.1  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MUNICIPALITY OF UTUADO  
Address: PR-111 KM 3.1  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

FINDS:

Registry ID: 110004890486  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110004890486](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110004890486)

Environmental Interest/Information System:

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**MUNICIPALITY OF UTUADO (Continued)**

**1016680567**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid:	1016680567
Registry ID:	110004890486
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110004890486">http://echo.epa.gov/detailed-facility-report?fid=110004890486</a>
Name:	MUNICIPALITY OF UTUADO
Address:	PR-111 KM 3.1
City,State,Zip:	UTUADO, PR 00641

**PRASA - NEW UTUADO WASTEWATER TREATMENT PLT  
PR-123 KM 60.8 BO SALTO ABAJO  
UTUADO, PR 00641**

**FINDS 1016688357  
ECHO N/A**

**FINDS:**

Registry ID:	110041679298
Facility URL:	<a href="http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110041679298">http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110041679298</a>

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid:	1016688357
Registry ID:	110041679298
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110041679298">http://echo.epa.gov/detailed-facility-report?fid=110041679298</a>
Name:	PRASA - NEW UTUADO WASTEWATER TREATMENT PLT
Address:	PR-123 KM 60.8 BO SALTO ABAJO
City,State,Zip:	UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA MAMEYES ABAJO WTP**  
**PR-141 KM 19.1**  
**UTUADO, PR 00641**

**FINDS 1016682873**  
**ECHO N/A**

**FINDS:**

Registry ID: 110013695750  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110013695750](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110013695750)

**Environmental Interest/Information System:**

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016682873  
 Registry ID: 110013695750  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110013695750>  
 Name: PRASA MAMEYES ABAJO WTP  
 Address: PR-141 KM 19.1  
 City,State,Zip: UTUADO, PR 00641

**PRASA SANTA ISABEL**  
**PR-602 KM 6.3**  
**UTUADO, PR 00641**

**FINDS 1016459536**  
**ECHO N/A**

**FINDS:**

Registry ID: 110013723051  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110013723051](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110013723051)

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA SANTA ISABEL (Continued)**

**1016459536**

information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016459536  
 Registry ID: 110013723051  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110013723051>  
 Name: PRASA SANTA ISABEL  
 Address: PR-602 KM 6.3  
 City,State,Zip: UTUADO, PR 00641

**PRASA UTUADO NEW WWTP  
 PR-123 KM 62.5 INT BO SABANA GRANDE  
 UTUADO, PR 00641**

**FINDS 1014831190  
 ECHO N/A**

**FINDS:**

Registry ID: 110041198708  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110041198708](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110041198708)

**Environmental Interest/Information System:**

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality. ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1014831190  
 Registry ID: 110041198708  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110041198708>



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA UTUADO NEW WWTP (Continued)**

**1014831190**

Name: PRASA UTUADO NEW WWTP  
 Address: PR-123 KM 62.5 INT BO SABANA GRANDE  
 City,State,Zip: UTUADO, PR 00641

**PRASA WTP UTUADO  
 PR-111 KM 5.4  
 UTUADO, PR 00641**

**FINDS 1016681880  
 ECHO N/A**

**FINDS:**

Registry ID: 110009814923  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110009814923](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009814923)

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016681880  
 Registry ID: 110009814923  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009814923>  
 Name: PRASA WTP UTUADO  
 Address: PR-111 KM 5.4  
 City,State,Zip: UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PREPA - UTUADO TECHNICAL OPERATIONS OFFICE**  
**PR-10 KM 56.5**  
**UTUADO, PR 00641**

**FINDS 1022262010**  
**ECHO N/A**

**FINDS:**

Registry ID: 110043192354  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110043192354](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110043192354)

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1022262010  
 Registry ID: 110043192354  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110043192354>  
 Name: PREPA - UTUADO TECHNICAL OPERATIONS OFFICE  
 Address: PR-10 KM 56.5  
 City,State,Zip: UTUADO, PR 00641

**QUINTANA GAS STATION (GARAGE GONZALES #2)**  
**PR-111, KM 0.2**  
**UTADO, PR 00641**

**FINDS 1016418360**  
**N/A**

**FINDS:**

Registry ID: 110055643308  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110055643308](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110055643308)

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**RONCADOR (UTUADO) FILTRATION PLANT  
PR-603 KM 5.0  
UTUADO, PR 00641**

**FINDS 1017429936  
N/A**

**FINDS:**

Registry ID: 110000557549  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110000557549](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110000557549)

**Environmental Interest/Information System:**

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**RURAL GRAULAO  
PR-10 KM 56.7 (INT) BO. SALTO ABAJO  
UTUADO, PR 00641**

**FINDS 1016682221  
ECHO N/A**

**FINDS:**

Registry ID: 110010613942  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110010613942](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110010613942)

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016682221  
Registry ID: 110010613942  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110010613942>  
Name: RURAL GRAULAO  
Address: PR-10 KM 56.7 (INT) BO. SALTO ABAJO  
City,State,Zip: UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**VALENTIN SERVICE STATION**  
**PR-140, KM 38.3, BO. MAMEYES**  
**UTADO, PR 00641**

**FINDS 1016418314**  
**N/A**

**FINDS:**

Registry ID: 110055642443  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110055642443](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110055642443)

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

**VIVI ABAJO COMMUNITY**  
**PR-111 KM 2.1**  
**UTUADO, PR 00641**

**FINDS 1016682881**  
**ECHO N/A**

**FINDS:**

Registry ID: 110013695956  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110013695956](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110013695956)

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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 Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016682881  
 Registry ID: 110013695956  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110013695956>  
 Name: VIVI ABAJO COMMUNITY  
 Address: PR-111 KM 2.1

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>VIVI ABAJO COMMUNITY (Continued)</b> City,State,Zip: UTUADO, PR 00641		<b>1016682881</b>
<b>COOPERATIVA DE AHORRO Y CREDITO DE LARES UTUADO B PR-111, KM. 1.8, SALTO ALTO WARD UTUADO, PR 00641</b>	<b>FINDS</b>	<b>1017803209 N/A</b>
<p><b>FINDS:</b>  Registry ID: 110064028145  Facility URL: <a href="http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110064028145">http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110064028145</a></p> <p><b>Environmental Interest/Information System:</b>  US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.</p> <p>The FINDS: database may contain additional details for this site.  Please contact your EDR Account Executive for more information</p>		
<b>COOPERATIVA DE AHORRO Y CREDITO DE LARES UTUADO BR PR-111, KM. 1.8, SALTO ALTO WARD UTUADO, PR 00641</b>	<b>ECHO</b>	<b>1018099382 N/A</b>
<p><b>ECHO:</b>  Envid: 1018099382  Registry ID: 110064028145  DFR URL: <a href="http://echo.epa.gov/detailed-facility-report?fid=110064028145">http://echo.epa.gov/detailed-facility-report?fid=110064028145</a>  Name: COOPERATIVA DE AHORRO Y CREDITO DE LARES UTUADO BRANCH  Address: PR-111, KM. 1.8, SALTO ALTO WARD  City,State,Zip: UTUADO, PR 00641</p>		
<b>PRASA SANTA ISABEL WTP PR-602, KM. 6.2 UTUADO, PR 00641</b>	<b>ICIS FINDS ECHO</b>	<b>1006875967 N/A</b>
<p><b>ICIS:</b>  Enforcement Action ID: 02-2003-3043  FRS ID: 110014408925  Action Name: PRASA Santa Isabel WTP  Facility Name: PRASA SANTA ISABEL WTP  Facility Address: PR-602, KM. 6.2  UTUADO, PR 00641  Enforcement Action Type: CWA 309A AO For Compliance  Facility County: UTUADO  Program System Acronym: ICIS  Enforcement Action Forum Desc: Administrative - Formal  EA Type Code: 309A  Facility SIC Code: Not reported  Federal Facility ID: Not reported  Latitude in Decimal Degrees: 18.266498  Longitude in Decimal Degrees: -66.804209</p>		

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA SANTA ISABEL WTP (Continued)**

**1006875967**

Permit Type Desc: Not reported  
 Program System Acronym: 2658303  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: PRASA SANTA ISABEL WTP  
 Address: PR-602, KM. 6.2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

**FINDS:**

Registry ID: 110014408925  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110014408925](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110014408925)

**Environmental Interest/Information System:**

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

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**ECHO:**

Envid: 1006875967  
 Registry ID: 110014408925  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110014408925>  
 Name: PRASA SANTA ISABEL WTP  
 Address: PR-602, KM. 6.2  
 City,State,Zip: UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA UTUADO WTP  
PR-111, KM. 5.4  
UTUADO, PR 00641**

**ICIS 1018295888  
N/A**

ICIS:  
 Enforcement Action ID: 02-2003-3031  
 FRS ID: 110009814923  
 Action Name: PRASA Utuado WTP  
 Facility Name: PRASA UTUADO WTP  
 Facility Address: PR-111, KM. 5.4  
 UTUADO, PR 00641  
 Enforcement Action Type: CWA 309A AO For Compliance  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 309A  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.243566  
 Longitude in Decimal Degrees: -66.669618  
 Permit Type Desc: Not reported  
 Program System Acronym: 2658317  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: PRASA WTP UTUADO  
 Address: PR-111 KM 5.4  
 Tribal Indicator: N  
 Fed Facility: No  
 NAIC Code: Not reported  
 SIC Code: 4941

Facility Name: PRASA WTP UTUADO  
 Address: PR-111 KM 5.4  
 Tribal Indicator: N  
 Fed Facility: No  
 NAIC Code: Not reported  
 SIC Code: 4941

**AAA  
BO. LAS PALMASSECTOR CANDIDO SALVA II  
UTUADO, PR 00641**

**FINDS 1024393382  
N/A**

FINDS:  
 Registry ID: 110070305797  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110070305797](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070305797)

Environmental Interest/Information System:  
 OSHA ESTABLISHMENT

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**AAA**  
**BO. LAS PALMASSECTOR CANDIDO SALVA I**  
**UTUADO, PR 00641**

**FINDS 1024395469**  
**N/A**

FINDS:  
 Registry ID: 110070308461  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110070308461](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110070308461)

Environmental Interest/Information System:  
 OSHA ESTABLISHMENT

The FINDS: database may contain additional details for this site.  
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**CENTRO VACACIONAL**  
**MONTE DEL ESTADO**  
**MARICAO, PR 00641**

**ICIS 1014003424**  
**FINDS N/A**  
**ECHO**

ICIS:  
 Enforcement Action ID: 02-2009-3105  
 FRS ID: 110009814157  
 Action Name: Compania de Parques Nacionales  
 Facility Name: CENTRO VACACIONAL  
 Facility Address: MONTE DEL ESTADO  
 MARICAO, PR 00641  
 Enforcement Action Type: CWA 309A AO For Compliance  
 Facility County: MARICAO  
 Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 309A  
 Facility SIC Code: 7011  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.43907  
 Longitude in Decimal Degrees: -66.423044  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0025925  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2008-3160  
 FRS ID: 110009814157  
 Action Name: Compania De Parques Nacionales  
 Facility Name: CENTRO VACACIONAL  
 Facility Address: MONTE DEL ESTADO  
 MARICAO, PR 00641  
 Enforcement Action Type: CWA 309A AO For Compliance  
 Facility County: MARICAO  
 Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 309A  
 Facility SIC Code: 7011  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.43907  
 Longitude in Decimal Degrees: -66.423044  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0025925  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**CENTRO VACACIONAL (Continued)**

**1014003424**

Facility Name: CENTRO VACACIONAL  
 Address: MONTE DEL ESTADO  
 Tribal Indicator: N  
 Fed Facility: No  
 NAIC Code: Not reported  
 SIC Code: 7011

Facility Name: CENTRO VACACIONAL  
 Address: MONTE DEL ESTADO  
 Tribal Indicator: N  
 Fed Facility: No  
 NAIC Code: Not reported  
 SIC Code: 7011

**FINDS:**

Registry ID: 110009814157  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110009814157](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009814157)

**Environmental Interest/Information System:**

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1014003424  
 Registry ID: 110009814157  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009814157>  
 Name: CENTRO VACACIONAL  
 Address: MONTE DEL ESTADO  
 City,State,Zip: MARICAO, PR 00641

**ESSO STANDARD OIL CO PR SS CO-450  
 NUEVA CARR 111 KM 0.7  
 UTUADO, PR 00641**

**RCRA-VSQG 1006811358  
 PRR000015669**

**RCRA-VSQG:**

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: ESSO STANDARD OIL CO PR SS CO-450  
 Facility address: NUEVA CARR 111 KM 0.7  
 UTUADO, PR 00641  
 EPA ID: PRR000015669  
 Mailing address: PO BOX 364269  
 GUAYNABO, PR 00936-4269  
 Contact: MELIZA PEREZ  
 Contact address: PO BOX 364269  
 GUAYNABO, PR 00936-4269  
 Contact country: US  
 Contact telephone: 787-792-2920  
 Contact email: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ESSO STANDARD OIL CO PR SS CO-450 (Continued)**

**1006811358**

EPA Region: 02  
 Classification: Conditionally Exempt Small Quantity Generator  
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: ESSO STANDARD OIL CO PR  
 Owner/operator address: PO BOX 364269  
 GUAYNABO, PR 00936  
 Owner/operator country: US  
 Owner/operator telephone: 787-792-2920  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1969-12-31 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: ESSO STANDARD OIL CO PR  
 Owner/operator address: PO BOX 364269  
 GUAYNABO, PR 00936  
 Owner/operator country: US  
 Owner/operator telephone: 787-792-2920  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1969-12-31 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ESSO STANDARD OIL CO PR SS CO-450 (Continued)**

**1006811358**

Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: ESSO STANDARD OIL CO PR SS CO-450  
 Classification: Small Quantity Generator

Date form received by agency: 2003-01-21 00:00:00.0  
 Site name: ESSO STANDARD OIL CO PR SS CO-450  
 Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001  
 . Waste name: IGNITABLE WASTE

. Waste code: D018  
 . Waste name: BENZENE

Violation Status: No violations found

**MAINTENANCE SHOP-UTUADO  
 NUEVA AVE.  
 UTUADO, PR 00641**

**UST U003429924  
 N/A**

UST:  
 Facility ID: 2-860759  
 Tank Status: Permanently Out of Use  
 Substance Description: Gasoline

**MARKET "PLAZA DE MERCADO"  
 PLAZOLETA BALDORIOTY, AVE. ESTEVES  
 UTUADO, PR 00641**

**PADS 1005481563  
 PRW000000135**

PADS:  
 Name: MARKET "PLAZA DE MERCADO"  
 Address: PLAZOLETA BALDORIOTY, AVE. ESTEVES  
 Address 2: Not reported  
 City, State, Zip: UTUADO, PR 00641  
 EDR ID: 1005481563  
 EPAID: PRW000000135  
 Region: 2  
 Generator: Y  
 Storer: N  
 Disposer: N  
 Transporter: N  
 Smelter: N  
 Research Facility: N  
 Mailing Address: P.O. BOX 190  
 Mailing Address 2: Not reported  
 Mailing City: UTUADO  
 Mailing State: PR  
 Mailing Zip: 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**MARKET "PLAZA DE MERCADO" (Continued)**

**1005481563**

Mailing Country: US  
 Owner Name: MUNICIPALITY OF UTUADO, PR  
 Certification Date: 05/08/2001  
 Contact Name: ALAN G CANCEL  
 Contact Title: Not reported  
 Contact Telephone: 787-894-3505  
 Contact Text: 222  
 Contact Email: Not reported

**PLAZA DEL MERCADO  
 PLAZOLETA BALDORIOTY  
 UTUADO, PR 00641**

**FINDS 1008002648  
 ECHO N/A**

**FINDS:**

Registry ID: 110020772136  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110020772136](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110020772136)

**Environmental Interest/Information System:**

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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**ECHO:**

Envid: 1008002648  
 Registry ID: 110020772136  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110020772136>  
 Name: PLAZA DEL MERCADO  
 Address: PLAZOLETA BALDORIOTY  
 City,State,Zip: UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PLAZA DEL MERCADO DE UTUADO  
PLAZOLETA BALDORIOTY  
UTUADO, PR 00641**

**ICIS 1009520862  
FTTS N/A  
HIST FTTS**

ICIS:

Enforcement Action ID: 02-2005-9301  
 FRS ID: 110020772136  
 Action Name: Municipality of Utuado  
 Facility Name: PLAZA DEL MERCADO  
 Facility Address: PLAZOLETA BALDORIOTY  
 UTUADO, PR 00641  
 Enforcement Action Type: TSCA 16 Action For Penalty  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 16  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: Not reported  
 Longitude in Decimal Degrees: Not reported  
 Permit Type Desc: Not reported  
 Program System Acronym: 6724569  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: PLAZA DEL MERCADO  
 Address: PLAZOLETA BALDORIOTY  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 5399

Facility Name: PLAZA DEL MERCADO  
 Address: PLAZOLETA BALDORIOTY  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 5399

FTTS INSP:

Inspection Number: 200006280005 1  
 Region: 02  
 Inspection Date: 06/28/00  
 Inspector: M. VARGAS, NM  
 Violation occurred: Yes  
 Investigation Type: Section 6 PCB State Conducted  
 Investigation Reason: For Cause, Violation  
 Legislation Code: TSCA  
 Facility Function: User

HIST FTTS INSP:

Inspection Number: 200006280005 1  
 Region: 02  
 Inspection Date: Not reported  
 Inspector: M. VARGAS, NM  
 Violation occurred: Yes

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PLAZA DEL MERCADO DE UTUADO (Continued)**

1009520862

Investigation Type: Section 6 PCB State Conducted  
 Investigation Reason: For Cause, Violation  
 Legislation Code: TSCA  
 Facility Function: User

**SHELL CO PR LTD SS 2534  
 RD PR 10 SALTO ABAJO WARD  
 UTUADO, PR 00641**

RCRA NonGen / NLR 1001128281  
 PRR000005439

RCRA NonGen / NLR:

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: SHELL CO PR LTD SS 2534  
 Facility address: RD PR 10 SALTO ABAJO WARD  
 UTUADO, PR 00641  
 EPA ID: PRR000005439  
 Mailing address: PO BOX 366697  
 SAN JUAN, PR 00936-6697  
 Contact: Not reported  
 Contact address: PO BOX 366697  
 SAN JUAN, PR 00936-6697  
 Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: THE SHELL CO PR LTD  
 Owner/operator address: PO BOX 366697  
 SAN JUAN, PR 00936  
 Owner/operator country: US  
 Owner/operator telephone: 787-729-1781  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: THE SHELL CO PR LTD  
 Owner/operator address: PO BOX 366697  
 SAN JUAN, PR 00936  
 Owner/operator country: US  
 Owner/operator telephone: 787-729-1781  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**SHELL CO PR LTD SS 2534 (Continued)**

**1001128281**

Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: SHELL CO PR LTD SS 2534  
 Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0  
 Site name: SHELL CO PR LTD SS 2534  
 Classification: Not a generator, verified

Date form received by agency: 1997-03-19 00:00:00.0  
 Site name: SHELL CO PR LTD SS 2534  
 Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000  
 . Waste name: Not Defined

. Waste code: D001  
 . Waste name: IGNITABLE WASTE

. Waste code: D018  
 . Waste name: BENZENE

Violation Status: No violations found

**UTUADO READY MIX CONCRETE  
 RD PR 10 KM 55.5  
 UTUADO, PR 00641**

**FINDS 1018382771  
 ECHO N/A**

FINDS:

Registry ID: 110069457055  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110069457055](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110069457055)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO READY MIX CONCRETE (Continued)**

**1018382771**

The FINDS: database may contain additional details for this site.  
Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1018382771  
 Registry ID: 110069457055  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069457055>  
 Name: UTUADO READY MIX CONCRETE  
 Address: RD PR 10 KM 55.5  
 City,State,Zip: UTUADO, PR 00641

**UTUADO READY MIX CONCRETE  
 RD PR 10 KM 55.5  
 UTUADO, PR 00641**

**RCRA NonGen / NLR**

**1019328034  
 PRN008028573**

**RCRA NonGen / NLR:**

Date form received by agency: 2016-08-04 00:00:00.0  
 Facility name: UTUADO READY MIX CONCRETE  
 Facility address: RD PR 10 KM 55.5  
 UTUADO, PR 00641  
 EPA ID: PRN008028573  
 Mailing address: PO BOX 190  
 UTUADO, PR 00641  
 Contact: MARCELINO ORAMA  
 Contact address: PO BOX 190  
 UTUADO, PR 00641  
 Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 02  
 Land type: Municipal  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: MUNICIPALITY OF UTUADO  
 Owner/operator address: PO BOX 190  
 UTUADO, PR 00641  
 Owner/operator country: US  
 Owner/operator telephone: 787-894-3505  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Municipal  
 Owner/Operator Type: Owner  
 Owner/Op start date: Not reported  
 Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO READY MIX CONCRETE (Continued)**

**1019328034**

Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Violation Status: No violations found

**CONSTRUCCIONES JOSE CARRO SE - PR10 UTUADO-PRR10B0  
 HIGHWAY PR-10 SECTION 1 AND 1B  
 UTUADO, PR 00641**

**FINDS 1007735219  
 ECHO N/A**

**FINDS:**

Registry ID: 110018927394  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110018927394](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110018927394)

**Environmental Interest/Information System:**

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1007735219  
 Registry ID: 110018927394  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110018927394>  
 Name: CONSTRUCCIONES JOSE CARRO SE - PR10 UTUADO-PRR10B038  
 Address: HIGHWAY PR-10 SECTION 1 AND 1B  
 City,State,Zip: UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**SAFETY IMPROVEMENTS HIGHWAY PR-10  
HIGHWAY PR-10 FROM KM. 56.0 TO KM. 85.5  
UTUADO AND ARECIBO, PR 00641**

**FINDS 1023656421  
ECHO N/A**

**FINDS:**

Registry ID: 110070067231  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110070067231](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110070067231)

**Environmental Interest/Information System:**

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1023656421  
Registry ID: 110070067231  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070067231>  
Name: SAFETY IMPROVEMENTS HIGHWAY PR-10  
Address: HIGHWAY PR-10 FROM KM. 56.0 TO KM. 85.5  
City,State,Zip: UTUADO AND ARECIBO, PR 00641

**VEQUITA  
PR-613 RAMAL 607 KM 0.1 INT. SECTOR VEQUITA  
UTUADO, PR 00641**

**FINDS 1016682222  
ECHO N/A**

**FINDS:**

Registry ID: 110010613960  
Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110010613960](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110010613960)

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016682222  
Registry ID: 110010613960  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110010613960>

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>VEQUITA (Continued)</b>		<b>1016682222</b>
Name: VEQUITA Address: PR-613 RAMAL 607 KM 0.1 INT. SECTOR VEQUITA City,State,Zip: UTUADO, PR 00641		
<b>HOSPITAL BASE DE UTUADO RD.LAS PALMAS, INT. GONZALEZ UTUADO, PR 00641</b>	<b>UST</b>	<b>U003431661 N/A</b>
UST: Facility ID: 2-930013 Tank Status: Currently in Use Substance Description: Not reported		
<b>PAPELERA PUERTORRIQUENA, INC. 55 RIBAS DOMMINICCI AVE UTUADO, PR 00641</b>	<b>FINDS ECHO</b>	<b>1018359065 N/A</b>
FINDS: Registry ID: 110067019684 Facility URL: <a href="http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110067019684">http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110067019684</a>		
Environmental Interest/Information System: US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.		
The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information		
ECHO: Envid: 1018359065 Registry ID: 110067019684 DFR URL: <a href="http://echo.epa.gov/detailed-facility-report?fid=110067019684">http://echo.epa.gov/detailed-facility-report?fid=110067019684</a> Name: PAPELERA PUERTORRIQUENA, INC. Address: 55 RIBAS DOMMINICCI AVE City,State,Zip: UTUADO, PR 00641		
<b>DEPT OF ED - JUDITH A VIVAS SCH RIVAS DOMINICCI AVE UTUADO, PR 00641</b>	<b>RCRA NonGen / NLR</b>	<b>1000982168 PR0001008010</b>
RCRA NonGen / NLR: Date form received by agency: 2008-01-01 00:00:00 Facility name: DEPT OF ED - JUDITH A VIVAS SCH Facility address: RIVAS DOMINICCI AVE UTUADO - PUEBLO UTUADO, PR 00641 EPA ID: PR0001008010 Mailing address: PO BOX 759 PROGRAMA CIENCIAS DIR		

ZIP CODE FINDINGS

Site	Database(s)	EPA ID Number	EDR ID Number
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**DEPT OF ED - JUDITH A VIVAS SCH (Continued)**

**1000982168**

SAN JUAN, PR 00936-0759  
 Contact: Not reported  
 Contact address: PO BOX 759  
 SAN JUAN, PR 00936-0759  
 Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: DEPARTMENT OF EDUCATION  
 Owner/operator address: SCIENCE PROGRAM PO BOX 759  
 SAN JAUN, PR 00936  
 Owner/operator country: US  
 Owner/operator telephone: 787-453-9255  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Municipal  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: DEPARTMENT OF EDUCATION  
 Owner/operator address: SCIENCE PROGRAM PO BOX 759  
 SAN JAUN, PR 00936  
 Owner/operator country: US  
 Owner/operator telephone: 787-453-9255  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Municipal  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**DEPT OF ED - JUDITH A VIVAS SCH (Continued)**

**1000982168**

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: DEPT OF ED - JUDITH A VIVAS SCH  
 Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0  
 Site name: DEPT OF ED - JUDITH A VIVAS SCH  
 Classification: Not a generator, verified

Date form received by agency: 1995-01-18 00:00:00.0  
 Site name: DEPT OF ED - JUDITH A VIVAS SCH  
 Classification: Small Quantity Generator

Hazardous Waste Summary:

- . Waste code: D000
- . Waste name: Not Defined
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D003
- . Waste name: REACTIVE WASTE
  
- . Waste code: D004
- . Waste name: ARSENIC
  
- . Waste code: D005
- . Waste name: BARIUM
  
- . Waste code: D006
- . Waste name: CADMIUM
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D008
- . Waste name: LEAD
  
- . Waste code: D009
- . Waste name: MERCURY
  
- . Waste code: D010
- . Waste name: SELENIUM
  
- . Waste code: D011
- . Waste name: SILVER
  
- . Waste code: D012
- . Waste name: ENDRIN  
 (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN  
 DO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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DEPT OF ED - JUDITH A VIVAS SCH (Continued)

1000982168

- . Waste code: D013
- . Waste name: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
  
- . Waste code: D014
- . Waste name: METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)
  
- . Waste code: D015
- . Waste name: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
  
- . Waste code: D016
- . Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
  
- . Waste code: D017
- . Waste name: 2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)
  
- . Waste code: D018
- . Waste name: BENZENE
  
- . Waste code: D019
- . Waste name: CARBON TETRACHLORIDE
  
- . Waste code: D020
- . Waste name: CHLORDANE
  
- . Waste code: D021
- . Waste name: CHLOROBENZENE
  
- . Waste code: D022
- . Waste name: CHLOROFORM
  
- . Waste code: D023
- . Waste name: O-CRESOL
  
- . Waste code: D024
- . Waste name: M-CRESOL
  
- . Waste code: D025
- . Waste name: P-CRESOL
  
- . Waste code: D026
- . Waste name: CRESOL
  
- . Waste code: D027
- . Waste name: 1,4-DICHLOROBENZENE
  
- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE
  
- . Waste code: D029
- . Waste name: 1,1-DICHLOROETHYLENE
  
- . Waste code: D030
- . Waste name: 2,4-DINITROTOLUENE
  
- . Waste code: D031
- . Waste name: HEPTACHLOR (AND ITS EPOXIDE)

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**DEPT OF ED - JUDITH A VIVAS SCH (Continued)**

**1000982168**

- . Waste code: D032
- . Waste name: HEXACHLOROBENZENE
  
- . Waste code: D033
- . Waste name: HEXACHLOROBUTADIENE
  
- . Waste code: D034
- . Waste name: HEXACHLOROETHANE
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D036
- . Waste name: NITROBENZENE
  
- . Waste code: D037
- . Waste name: PENTACHLOROPHENOL
  
- . Waste code: D038
- . Waste name: PYRIDINE
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
  
- . Waste code: D040
- . Waste name: TRICHLORETHYLENE

Violation Status: No violations found

**DEPT OF ED - JUDITH A VIVAS SCH  
RIVAS DOMINICCI AVE  
UTUADO, PR 00641**

**FINDS 1016238258  
ECHO N/A**

**FINDS:**

Registry ID: 110007803626  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110007803626](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007803626)

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid: 1016238258  
 Registry ID: 110007803626  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007803626>  
 Name: DEPT OF ED - JUDITH A VIVAS SCH  
 Address: RIVAS DOMINICCI AVE  
 City,State,Zip: UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**COL REGIONAL DE LA MONTANA  
ST ROAD 10 KM 52.2  
UTUADO, PR 00641**

**RCRA NonGen / NLR 1000891055  
PR0000293977**

RCRA NonGen / NLR:

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: COL REGIONAL DE LA MONTANA  
 Facility address: ST ROAD 10 KM 52.2  
 BO SALTOARRIBA  
 UTUADO, PR 00641  
 EPA ID: PR0000293977  
 Mailing address: PO BOX 2500  
 UTUADO, PR 00641-2500  
 Contact: Not reported  
 Contact address: PO BOX 2500  
 UTUADO, PR 00641-2500  
 Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: UNIVERSITY OF PUERTO RICO  
 Owner/operator address: PO BOX 364984  
 SAN JUAN, NJ 00936  
 Owner/operator country: US  
 Owner/operator telephone: 787-250-0000  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: UNIVERSITY OF PUERTO RICO  
 Owner/operator address: PO BOX 364984  
 SAN JUAN, NJ 00936  
 Owner/operator country: US  
 Owner/operator telephone: 787-250-0000  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**COL REGIONAL DE LA MONTANA (Continued)**

**1000891055**

Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: COL REGIONAL DE LA MONTANA  
 Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0  
 Site name: COL REGIONAL DE LA MONTANA  
 Classification: Not a generator, verified

Date form received by agency: 1994-05-17 00:00:00.0  
 Site name: COL REGIONAL DE LA MONTANA  
 Classification: Small Quantity Generator

Hazardous Waste Summary:

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D003
- . Waste name: REACTIVE WASTE
  
- . Waste code: D004
- . Waste name: ARSENIC
  
- . Waste code: D005
- . Waste name: BARIUM
  
- . Waste code: D006
- . Waste name: CADMIUM
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D008
- . Waste name: LEAD
  
- . Waste code: D009
- . Waste name: MERCURY
  
- . Waste code: D030
- . Waste name: 2,4-DINITROTOLUENE
  
- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>COL REGIONAL DE LA MONTANA (Continued)</b>		<b>1000891055</b>
		TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
. Waste code:	F002	
. Waste name:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
. Waste code:	F003	
. Waste name:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
. Waste code:	F005	
. Waste name:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
. Waste code:	F009	
. Waste name:	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.	
. Waste code:	U004	
. Waste name:	ACETOPHENONE (OR) ETHANONE, 1-PHENYL-	
. Waste code:	U108	
. Waste name:	1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE	
. Waste code:	U119	
. Waste name:	ETHYL METHANESULFONATE (OR) METHANESULFONIC ACID, ETHYL ESTER	
. Waste code:	U122	
. Waste name:	FORMALDEHYDE	
. Waste code:	U123	

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**COL REGIONAL DE LA MONTANA (Continued)**

**1000891055**

- . Waste name: FORMIC ACID (C,T)
  - . Waste code: U154
  - . Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)
  - . Waste code: U219
  - . Waste name: THIOUREA
  - . Waste code: U220
  - . Waste name: BENZENE, METHYL- (OR) TOLUENE
  - . Waste code: U239
  - . Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
- Violation Status: No violations found

**CONSTRUCTORA DEL VIVI, INC.  
ROAD PR-123, KM. 6.4, BO.  
UTADO, PR 00641**

**ECHO 1024930844  
N/A**

ECHO:  
 Envid: 1024930844  
 Registry ID: 110070530199  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070530199>  
 Name: CONSTRUCTORA DEL VIVI, INC.  
 Address: ROAD PR-123, KM. 6.4, BO.  
 City,State,Zip: UTADO, PR 00641

**CONSTRUCTORA DEL VIVI, INC.  
ROAD PR-123, KM. 6.4, BO.  
UTADO, PR 00641**

**FINDS 1025457099  
N/A**

FINDS:  
 Registry ID: 110070530199  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110070530199](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110070530199)

Environmental Interest/Information System:  
 US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**JORGE H. VILLANUEVA S/S #559  
ROAD 111 KM 3.9  
UTUADO, PR 00641**

**UST U003430639  
N/A**

UST:

Facility ID:	2-861641
Tank Status:	Temporarily Out of
Substance Description:	Not reported
Facility ID:	2-861641
Tank Status:	Temporarily Out of
Substance Description:	Not reported
Facility ID:	2-861641
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline

**JOSE R. GONZALEZ S/S # 546  
ROAD 111 KM 19.3 LOS ANGELES WARD  
UTUADO, PR 00641**

**UST U003430641  
N/A**

UST:

Facility ID:	2-861643
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-861643
Tank Status:	Currently in Use
Substance Description:	Not reported
Facility ID:	2-861643
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline

**PRASA - RONCADOR WTP  
ROAD 603 KM 4.8  
UTUADO, PR 00641**

**ICIS 1018298033  
N/A**

ICIS:

Enforcement Action ID:	02-2004-0012
FRS ID:	110010604202
Action Name:	PRASA VI (Backwash)
Facility Name:	PRASA - RONCADOR WTP
Facility Address:	ROAD 603 KM 4.8 UTUADO, PR 00641
Enforcement Action Type:	Civil Judicial Action
Facility County:	UTUADO
Program System Acronym:	NPDES
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	4941
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.246111
Longitude in Decimal Degrees:	-66.759167
Permit Type Desc:	NPDES Individual Permit
Program System Acronym:	PR0026271
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA - RONCADOR WTP (Continued)**

**1018298033**

Enforcement Action ID: 02-2003-N013  
 FRS ID: 110010604202  
 Action Name: PRASA - RONCADOR WTP (Permit PR0026271) Stipulated Penalty/Penalty Notice  
 Facility Name: PRASA - RONCADOR WTP  
 Facility Address: ROAD 603 KM 4.8  
 UTUADO, PR 00641  
 Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO  
 Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.246111  
 Longitude in Decimal Degrees: -66.759167  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0026271  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2003-N001  
 FRS ID: 110010604202  
 Action Name: PRASA - RONCADOR WTP (Permit PR0026271) Stipulated Penalty/Penalty Notice  
 Facility Name: PRASA - RONCADOR WTP  
 Facility Address: ROAD 603 KM 4.8  
 UTUADO, PR 00641  
 Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO  
 Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.246111  
 Longitude in Decimal Degrees: -66.759167  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0026271  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2002-N013  
 FRS ID: 110010604202  
 Action Name: PRASA - RONCADOR WTP (Permit PR0026271) Stipulated Penalty/Penalty Notice  
 Facility Name: PRASA - RONCADOR WTP  
 Facility Address: ROAD 603 KM 4.8  
 UTUADO, PR 00641  
 Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO  
 Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.246111

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA - RONCADOR WTP (Continued)**

**1018298033**

Longitude in Decimal Degrees: -66.759167  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0026271  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2002-N012  
 FRS ID: 110010604202  
 Action Name: PRASA - RONCADOR WTP (Permit PR0026271) Stipulated Penalty/Penalty Notice  
 Facility Name: PRASA - RONCADOR WTP  
 Facility Address: ROAD 603 KM 4.8  
 UTUADO, PR 00641

Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO  
 Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.246111  
 Longitude in Decimal Degrees: -66.759167  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0026271  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2002-N003  
 FRS ID: 110010604202  
 Action Name: PRASA - RONCADOR WTP (Permit PR0026271) Stipulated Penalty/Penalty Notice  
 Facility Name: PRASA - RONCADOR WTP  
 Facility Address: ROAD 603 KM 4.8  
 UTUADO, PR 00641

Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO  
 Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.246111  
 Longitude in Decimal Degrees: -66.759167  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0026271  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2002-N002  
 FRS ID: 110010604202  
 Action Name: PRASA - RONCADOR WTP (Permit PR0026271) Stipulated Penalty/Penalty Notice  
 Facility Name: PRASA - RONCADOR WTP  
 Facility Address: ROAD 603 KM 4.8  
 UTUADO, PR 00641  
 Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA - RONCADOR WTP (Continued)**

**1018298033**

Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.246111  
 Longitude in Decimal Degrees: -66.759167  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0026271  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2001-N018  
 FRS ID: 110010604202  
 Action Name: PRASA - RONCADOR WTP (Permit PR0026271) Consent Decree  
 Facility Name: PRASA - RONCADOR WTP  
 Facility Address: ROAD 603 KM 4.8  
 UTUADO, PR 00641

Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO  
 Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.246111  
 Longitude in Decimal Degrees: -66.759167  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0026271  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2001-N004  
 FRS ID: 110010604202  
 Action Name: PRASA - RONCADOR WTP (Permit PR0026271) Stipulated Penalty/Penalty  
 Notice  
 Facility Name: PRASA - RONCADOR WTP  
 Facility Address: ROAD 603 KM 4.8  
 UTUADO, PR 00641

Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO  
 Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.246111  
 Longitude in Decimal Degrees: -66.759167  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0026271  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: PRASA WTP RONCADOR  
 Address: STATE RD 603 INT KM 4.2  
 Tribal Indicator: N

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA - RONCADOR WTP (Continued)**

**1018298033**

Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

**PRASA - SANTA ISABEL WTP  
 ROAD 602 KM. 6.2  
 UTUADO, PR 00641**

**ICIS 1018303157  
 N/A**

ICIS:

Enforcement Action ID: 02-2005-N016  
 FRS ID: 110014408925  
 Action Name: PRASA - SANTA ISABEL FP (Permit PR0026182) Administrative Order  
 Facility Name: PRASA - SANTA ISABEL WTP  
 Facility Address: ROAD 602 KM. 6.2  
 UTUADO, PR 00641  
 Enforcement Action Type: CWA 309A AO For Compliance  
 Facility County: UTUADO  
 Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 309A  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.245556  
 Longitude in Decimal Degrees: -66.810556  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0026182  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2004-0012  
 FRS ID: 110014408925  
 Action Name: PRASA VI (Backwash)  
 Facility Name: PRASA - SANTA ISABEL WTP  
 Facility Address: ROAD 602 KM. 6.2  
 UTUADO, PR 00641  
 Enforcement Action Type: Civil Judicial Action  
 Facility County: UTUADO  
 Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Judicial  
 EA Type Code: CIV  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.245556  
 Longitude in Decimal Degrees: -66.810556  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0026182  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2003-N002  
 FRS ID: 110014408925  
 Action Name: PRASA - SANTA ISABEL FP (Permit PR0026182) Administrative Order  
 Facility Name: PRASA - SANTA ISABEL WTP  
 Facility Address: ROAD 602 KM. 6.2  
 UTUADO, PR 00641  
 Enforcement Action Type: CWA 309A AO For Compliance  
 Facility County: UTUADO  
 Program System Acronym: NPDES



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA - SANTA ISABEL WTP (Continued)**

**1018303157**

Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 309A  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.245556  
 Longitude in Decimal Degrees: -66.810556  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0026182  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Enforcement Action ID: 02-2002-N005  
 FRS ID: 110014408925  
 Action Name: PRASA - SANTA ISABEL FP (Permit PR0026182) Administrative Order  
 Facility Name: PRASA - SANTA ISABEL WTP  
 Facility Address: ROAD 602 KM. 6.2  
 UTUADO, PR 00641

Enforcement Action Type: CWA 309A AO For Compliance  
 Facility County: UTUADO  
 Program System Acronym: NPDES  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 309A  
 Facility SIC Code: 4941  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.245556  
 Longitude in Decimal Degrees: -66.810556  
 Permit Type Desc: NPDES Individual Permit  
 Program System Acronym: PR0026182  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: PRASA SANTA ISABEL WTP  
 Address: PR-602, KM. 6.2  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

**PRASA - UTUADO NEW WWTP  
 ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 UTUADO, PR 00641**

**ECHO 1024140070  
 N/A**

ECHO:  
 Envid: 1024140070  
 Registry ID: 110070237909  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070237909>  
 Name: PRASA - UTUADO NEW WWTP  
 Address: ROAD 123, KM 62.5 INT., SABANA GRANDE WARD  
 City,State,Zip: UTUADO, PR 00641

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PRASA - UTUADO NEW WWTP**  
**ROAD 123, KM 62.5 INT., SABANA GRANDE WARD**  
**UTUADO, PR 00641**

**FINDS 1024237341**  
**N/A**

**FINDS:**

Registry ID: 110070237909  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110070237909](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110070237909)

**Environmental Interest/Information System:**

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

**PRASA - UTUADO URBANO SYSTEM**  
**ROAD 111 KM 5.4**  
**UTUADO, PR 00641**

**ICIS 1018295885**  
**N/A**

**ICIS:**

Enforcement Action ID: 02-2003-8256  
 FRS ID: 110009814923  
 Action Name: PRASA (Utuado Urbano System)  
 Facility Name: PRASA - UTUADO URBANO SYSTEM  
 Facility Address: ROAD 111 KM 5.4  
 UTUADO, PR 00641  
 Enforcement Action Type: SDWA 1414G3 AO For Penalties (PWS)  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G3  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.268855  
 Longitude in Decimal Degrees: -66.701901  
 Permit Type Desc: Not reported  
 Program System Acronym: 2657298  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

**UTUADO WWTP**  
**ROAD # 123, KM 62.5, SABANA GRANDE WARD**  
**UTUADO, PR 00641**

**FINDS 1018354553**  
**ECHO N/A**

**FINDS:**

Registry ID: 110064875121  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110064875121](http://ofmpub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110064875121)

**Environmental Interest/Information System:**

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO WWTP (Continued)**

**1018354553**

issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**ECHO:**

Envid:	1018354553
Registry ID:	110064875121
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110064875121">http://echo.epa.gov/detailed-facility-report?fid=110064875121</a>
Name:	UTUADO WWTP
Address:	ROAD # 123, KM 62.5, SABANA GRANDE WARD
City,State,Zip:	UTUADO, PR 00641

**XTREME GAS CORP ( EX ESSO S/S CO-430)  
ROAD 10 KM 55.4 BO. SALTO ABAJO SALTO ABAJO WARD  
UTUADO, PR 00641**

**UST U003430254  
N/A**

**UST:**

Facility ID:	2-861177
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-861177
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-861177
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-861177
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861177
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861177
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861177
Tank Status:	Permanently Out of Use
Substance Description:	Diesel
Facility ID:	2-861177
Tank Status:	Permanently Out of Use
Substance Description:	Used Oil

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**SHELL SUPER STATION  
SALIDA CARRETERA  
UTUADO, PR 00641**

**RCRA NonGen / NLR 1001225319  
PRO008005381**

RCRA NonGen / NLR:

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: SHELL SUPER STATION  
 Facility address: SALIDA CARRETERA  
 UTUADO, PR 00641  
 EPA ID: PRO008005381  
 Mailing address: PO BOX 958  
 UTUADO, PR 00641-0958  
 Contact: REINALDO MORALES  
 Contact address: PO BOX 958  
 UTUADO, PR 00641-0958  
 Contact country: US  
 Contact telephone: 787-894-2905  
 Contact email: Not reported  
 EPA Region: 02  
 Land type: Private  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NON REGULATED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, PR 99999  
 Owner/operator country: US  
 Owner/operator telephone: 787-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: NON REGULATED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, PR 99999  
 Owner/operator country: US  
 Owner/operator telephone: 787-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**SHELL SUPER STATION (Continued)**

**1001225319**

Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: SHELL SUPER STATION  
 Classification: Not a generator, verified

Date form received by agency: 1997-03-21 00:00:00.0  
 Site name: SHELL SUPER STATION  
 Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: NONE  
 . Waste name: None

Facility Has Received Notices of Violations:

Regulation violated: FR - 40 cfr part 279  
 Area of violation: Generators - General  
 Date violation determined: 1997-02-26 00:00:00.0  
 Date achieved compliance: 1997-11-05 00:00:00.0  
 Violation lead agency: EPA  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 1997-10-09 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: EPA  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 1997-02-26 00:00:00.0  
 Evaluation: WRITTEN INFORMAL  
 Area of violation: Generators - General  
 Date achieved compliance: 1997-11-05 00:00:00.0  
 Evaluation lead agency: EPA

**SHELL SUPER STATION  
 SALIDA CARRETERA  
 UTUADO, PR 00641**

**FINDS 1016239157  
 ECHO N/A**

FINDS:

Registry ID: 110007815481  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110007815481](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007815481)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**SHELL SUPER STATION (Continued)**

**1016239157**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid: 1016239157  
 Registry ID: 110007815481  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007815481>  
 Name: SHELL SUPER STATION  
 Address: SALIDA CARRETERA  
 City,State,Zip: UTUADO, PR 00641

**TOP INDUSTRIAL SERVICES CORP  
 BO. SALTO ABAJO CARR.111KM 1.8 UTUADO  
 UTUADO, PR 00641**

**FINDS 1024384569  
 N/A**

FINDS:

Registry ID: 110070289373  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110070289373](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070289373)

Environmental Interest/Information System:  
 OSHA ESTABLISHMENT

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

**CHORRERAS COMMUNITY  
 STATE ROAD 10 KM 46.3  
 UTUADO, PR 00641**

**ICIS 1018302667  
 N/A**

ICIS:

Enforcement Action ID: 02-2002-8258  
 FRS ID: 110013695965  
 Action Name: Chorreras Community  
 Facility Name: CHORRERAS COMMUNITY  
 Facility Address: STATE ROAD 10 KM 46.3  
 UTUADO, PR 00641  
 Enforcement Action Type: SDWA 1414G3 AO For Penalties (PWS)  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G3  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.147885  
 Longitude in Decimal Degrees: -66.681682  
 Permit Type Desc: Not reported  
 Program System Acronym: 2655951  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported  
  
 Enforcement Action ID: 02-2002-8042  
 FRS ID: 110013695965

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**CHORRERAS COMMUNITY (Continued)**

**1018302667**

Action Name: Chorreras Community  
 Facility Name: CHORRERAS COMMUNITY  
 Facility Address: STATE ROAD 10 KM 46.3  
 UTUADO, PR 00641  
 Enforcement Action Type: SDWA 1414G2 AO For Compliance (PWS)  
 Facility County: UTUADO  
 Program System Acronym: ICIS  
 Enforcement Action Forum Desc: Administrative - Formal  
 EA Type Code: 1414G2  
 Facility SIC Code: Not reported  
 Federal Facility ID: Not reported  
 Latitude in Decimal Degrees: 18.147885  
 Longitude in Decimal Degrees: -66.681682  
 Permit Type Desc: Not reported  
 Program System Acronym: 2655951  
 Facility NAICS Code: Not reported  
 Tribal Land Code: Not reported

Facility Name: CHORRERAS COMMUNITY  
 Address: PR-10 KM 46.3  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

Facility Name: CHORRERAS COMMUNITY  
 Address: PR-10 KM 46.3  
 Tribal Indicator: N  
 Fed Facility: Not reported  
 NAIC Code: Not reported  
 SIC Code: 4941

**MUNICIPALITY OF UTUADO OPEN DUMP  
 STATE ROAD PR-10, KM. 1.2, SALTO ARRIBA WARD  
 UTUADO, PR 00641**

**FINDS 1018384464  
 ECHO N/A**

FINDS:  
 Registry ID: 110069478997  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110069478997](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110069478997)

Environmental Interest/Information System:  
 US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:  
 Envid: 1018384464  
 Registry ID: 110069478997  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069478997>

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**MUNICIPALITY OF UTUADO OPEN DUMP (Continued)**

**1018384464**

Name: MUNICIPALITY OF UTUADO OPEN DUMP  
 Address: STATE ROAD PR-10, KM. 1.2, SALTO ARRIBA WARD  
 City,State,Zip: UTUADO, PR 00641

**UTUADO READY MIX  
 STATE ROAD PR-10, KM.1.1, SALTO ARRIBA WARD  
 UTUADO, PR 00641**

**FINDS 1018384742  
 ECHO N/A**

FINDS:  
 Registry ID: 110069481885  
 Facility URL: [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110069481885](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110069481885)

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The FINDS: database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information

ECHO:

Envid: 1018384742  
 Registry ID: 110069481885  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069481885>  
 Name: UTUADO READY MIX  
 Address: STATE ROAD PR-10, KM.1.1, SALTO ARRIBA WARD  
 City,State,Zip: UTUADO, PR 00641



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO URBANA FILTRATION PLANT  
PR STATE ROAD 111 KM. 5.6  
UTUADO, PR 00641**

**RMP 1011841104  
N/A**

RMP:

Facility ID:	50713
LEPC city:	Arecibo
Facility decimal latitude:	18.243962
Facility decimal longitude:	-066.671052
Is facility in county box:	T
LatLong method:	G6
LatLong description:	ST
Home page web address:	acueductospr.com
Facility telephone:	7877558855
Facility email:	ciecentral@acueductospr.com
Facility DUNS #:	0
Parent's name:	Puerto Rico Aqueduct and Sewer Authority
Partner's name:	Not reported
Parent's DUNS #:	0
Partner's DUNS #:	0
Operator's name:	PR Aqueduct & Sewer Authority
Operator's telephone:	7876202277
Operator's address:	Box 7066
Operators City,St,Zip:	San Juan, PR 00916 7066
RMP implementation contact:	Jose A. Capeles
RMP contact title:	Compliance & QC Director
Emergency contact:	Mayra Encarnacion
Emergency contact title:	Emergency Director
Emergency contact telephone:	7874064727
24 hour emergency telephone:	7876203844
Emergency contact ext/pin #:	Not reported
Number of full time employees:	4
EPA ID:	PR0024155
Facility ID provided by CEppo:	100000187585
Is facility covered by OSHA PSM:	T
Is facility covered by EPCRA 302:	T
Is fac. covered by CAA Title V 112(2):	F
Clean air op. permit/State ID:	Not reported
Last safety insp. dat:	Not reported
Inspected by:	Never had one
Is it OSHA approved with star/merit ranking:	False
Will RMP involve predictive filing:	False
Submission type:	Resubmission
RMP description:	Not reported
Facility has no accident hist. recs:	True
Foreign owner's address:	Not reported
Foreign owner's zip:	Not reported
Foreign owner's country:	Not reported
Claim # of employees as CBI:	False
Date RMP accepted by EPA:	2008-01-29 00:00:00
Date of error Report:	Not reported
Date RMP received:	2008-01-29 00:00:00
Does RMP contain graphics files:	False
Does RMP contain attachments:	False
Was certification letter received:	True
RMP submission method:	RMP*Submit
Does RMP contain CBI substantiation:	False
Does RMP contain electronic waiver:	False
Date RMP postmarked:	2008-01-28 00:00:00

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO URBANA FILTRATION PLANT (Continued)**

**1011841104**

Is RMP complete: True  
 Date of de-registration: 2011-10-28 00:00:00  
 Date de-registration is effective: 2011-07-12 00:00:00  
 Anniversary date: 2013-01-28 00:00:00  
 Does RMP contain CBI data: False  
 Does RMP contain unsanitized CBI version: False  
 RMP version #: 3.8  
 FRS latitude: Not reported  
 FRS longitude: Not reported  
 FRS Description: Not reported  
 FRS Method: Not reported

RMP:

Process ID: 73609  
 NA & Industry Classification Sys.code(s): 22132  
 NAICS code description: Sewage Treatment Facilities  
 Optional facility description: Chlorine injection/stor.  
 Program level: 3  
 Record contains CBI data: False

RMP:

Chemical name: Chlorine  
 Process chemical qty in 100s lbs: 8000  
 Process flammable chemical name: Not reported

RMP:

Percent weight of chemical: Not reported  
 Physical state: Not reported  
 Analytical basic: Not reported  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Release duration in minutes: Not reported  
 Release rate in pounds per second: Not reported  
 Wind speed in meters/second: Not reported  
 Stability class: Not reported  
 Topography: Not reported  
 Distance to endpoint in miles: Not reported  
 Residential population: Not reported  
 Public receptors: Not reported  
 Environmental receptors: Not reported  
 Passive mitigation: Not reported  
 Active mitigation: Not reported

RMP:

Percent weight of chemical: Not reported  
 Physical state: Not reported  
 Analytical basic: Not reported  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Release duration in minutes: Not reported  
 Release rate in pounds per second: Not reported  
 Wind speed in meters/second: Not reported  
 Stability class: Not reported  
 Topography: Not reported  
 Distance to endpoint in miles: Not reported  
 Residential population: Not reported  
 Public receptors: Not reported  
 Environmental receptors: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO URBANA FILTRATION PLANT (Continued)**

**1011841104**

Passive mitigation:	Not reported
RMP:	
Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
RMP:	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO URBANA FILTRATION PLANT (Continued)**

**1011841104**

Changes since the last process hazard analysis: Not reported  
 Most recent hazard review/update: Not reported  
 Most recent review of op. procedures: Not reported  
 Most recent training progs review/update: Not reported  
 Expected completion of review changes: Not reported  
 Training: Not reported  
 Competency testing: Not reported  
 Most recent maintenance review date: Not reported  
 Most recent equipment inspection date: Not reported  
 Equipment tested: Not reported  
 Most recent compliance audit date: Not reported  
 Expected date of audit completion: Not reported  
 Most recent incident investigation: Not reported  
 Expected date of investigation changes: Not reported  
 Record has CBI data: Not reported  
 Date of most recent changes: Not reported  
 Chemical name: Public OCA Chemical  
 Process chemical qty in 100s lbs: 0  
 Process flammable chemical name: Not reported

RMP:

Percent weight of chemical: 100  
 Physical state: c  
 Analytical basic: EPA's RMP\*Comp(TM)  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Release duration in minutes: Not reported  
 Release rate in pounds per second: Not reported  
 Wind speed in meters/second: 3  
 Stability class: D  
 Topography: a  
 Distance to endpoint in miles: Not reported  
 Residential population: Not reported  
 Public receptors: Not reported  
 Environmental receptors: Not reported  
 Passive mitigation: Not reported  
 Active mitigation: Not reported

RMP:

Percent weight of chemical: 100  
 Physical state: c  
 Analytical basic: EPA's RMP\*Comp(TM)  
 Scenario: Not reported  
 Quantity released in pounds: Not reported  
 Release duration in minutes: 10  
 Release rate in pounds per second: Not reported  
 Wind speed in meters/second: 1.5  
 Stability class: F  
 Topography: a  
 Distance to endpoint in miles: Not reported  
 Residential population: Not reported  
 Public receptors: Not reported  
 Environmental receptors: Not reported  
 Passive mitigation: Not reported

RMP:

Endpoint used: Not reported  
 LFL value: Not reported  
 Analytical basic: Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO URBANA FILTRATION PLANT (Continued)**

**1011841104**

Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
<b>RMP:</b>	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**UTUADO URBANA FILTRATION PLANT (Continued)**

**1011841104**

Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
<b>RMP:</b>	
ER plan:	Not reported
ER plan most recent review date:	2007-10-05 00:00:00
ER plan most recent employee training date:	2007-11-09 00:00:00
Local agency coordinating ER plan:	Emergency Management Agency
Telephone of the coordinating local agency:	7878783454
Federal regulation:	True
OSHA 1910 120:	True
SPCC:	False
RCRA:	False
OPA 90:	False
EPCRA:	False
Other Regulations:	Not reported

**VIVI ABAJO COMMUNITY  
STATE ROAD 111 KM 2.1  
UTUADO, PR 00641**

**ICIS 1018302666  
N/A**

**ICIS:**

Enforcement Action ID:	02-2013-8303
FRS ID:	110013695956
Action Name:	Vivi Abajo Community
Facility Name:	VIVI ABAJO COMMUNITY
Facility Address:	STATE ROAD 111 KM 2.1 UTUADO, PR 00641
Enforcement Action Type:	SDWA 1414G2 AO For Compliance (PWS)
Facility County:	UTUADO
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	1414G2
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.441343
Longitude in Decimal Degrees:	-67.156826
Permit Type Desc:	Not reported
Program System Acronym:	2655403
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Enforcement Action ID:	02-2002-8261
FRS ID:	110013695956
Action Name:	Vivi Abajo Community
Facility Name:	VIVI ABAJO COMMUNITY
Facility Address:	STATE ROAD 111 KM 2.1 UTUADO, PR 00641
Enforcement Action Type:	SDWA 1414G3 AO For Penalties (PWS)
Facility County:	UTUADO

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**VIVI ABAJO COMMUNITY (Continued)**

**1018302666**

Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	1414G3
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.441343
Longitude in Decimal Degrees:	-67.156826
Permit Type Desc:	Not reported
Program System Acronym:	2655403
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Enforcement Action ID:	02-2002-8050
FRS ID:	110013695956
Action Name:	Vivi Abajo Community
Facility Name:	VIVI ABAJO COMMUNITY
Facility Address:	STATE ROAD 111 KM 2.1 UTUADO, PR 00641
Enforcement Action Type:	SDWA 1414G2 AO For Compliance (PWS)
Facility County:	UTUADO
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	1414G2
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.441343
Longitude in Decimal Degrees:	-67.156826
Permit Type Desc:	Not reported
Program System Acronym:	2655403
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Facility Name:	VIVI ABAJO COMMUNITY
Address:	PR-111 KM 2.1
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	VIVI ABAJO COMMUNITY
Address:	PR-111 KM 2.1
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	VIVI ABAJO COMMUNITY
Address:	PR-111 KM 2.1
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	Not reported

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ESSO  
URB CABRERA 7  
UTUADO, PR 00641**

**RCRA NonGen / NLR 1001128237  
PRN008005340**

RCRA NonGen / NLR:

Date form received by agency: 2008-01-01 00:00:00.0  
 Facility name: ESSO  
 Facility address: URB CABRERA 7  
 UTUADO, PR 00641  
 EPA ID: PRN008005340  
 Mailing address: CARR 10 MARGINAL  
 UTUADO, PR 00641  
 Contact: ANTONIO DE PABLO  
 Contact address: CARR 10 MARGINAL  
 UTUADO, PR 00641  
 Contact country: US  
 Contact telephone: 787-894-2535  
 Contact email: Not reported  
 EPA Region: 02  
 Land type: Private  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NON REGULATED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, PR 99999  
 Owner/operator country: US  
 Owner/operator telephone: 787-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: NON REGULATED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, PR 99999  
 Owner/operator country: US  
 Owner/operator telephone: 787-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 1600-01-01 00:00:00.  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No



ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**ESSO (Continued)**

1001128237

Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: ESSO  
 Classification: Not a generator, verified

Date form received by agency: 1997-03-21 00:00:00.0  
 Site name: ESSO  
 Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: NONE  
 . Waste name: None

Facility Has Received Notices of Violations:

Regulation violated: FR - 40 cfr part 279  
 Area of violation: Generators - General  
 Date violation determined: 1997-02-26 00:00:00.0  
 Date achieved compliance: 1999-01-14 00:00:00.0  
 Violation lead agency: EPA  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 1997-08-28 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: EPA  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Regulation violated: FR - 40 cfr part 279  
 Area of violation: Generators - General  
 Date violation determined: 1997-02-26 00:00:00.0  
 Date achieved compliance: 1999-01-14 00:00:00.0  
 Violation lead agency: EPA  
 Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Enforcement action date: 1997-05-07 00:00:00.0  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: EPA  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 1997-02-26 00:00:00.0  
 Evaluation: WRITTEN INFORMAL

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>ESSO (Continued)</b>		<b>1001128237</b>
Area of violation: Generators - General		
Date achieved compliance: 1999-01-14 00:00:00.0		
Evaluation lead agency: EPA		
<b>ESSO URB CABRERA 7 UTUADO, PR 00641</b>	<b>FINDS ECHO</b>	<b>1016202668 N/A</b>
FINDS:		
Registry ID: 110004890495		
Facility URL: <a href="http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110004890495">http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110004890495</a>		
Environmental Interest/Information System:		
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.		
The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information		
ECHO:		
Envid: 1016202668		
Registry ID: 110004890495		
DFR URL: <a href="http://echo.epa.gov/detailed-facility-report?fid=110004890495">http://echo.epa.gov/detailed-facility-report?fid=110004890495</a>		
Name: ESSO		
Address: URB CABRERA 7		
City,State,Zip: UTUADO, PR 00641		
<b>AAA BO. VIVI ARRIBA UTUADO, PR 00641</b>	<b>FINDS</b>	<b>1024426338 N/A</b>
FINDS:		
Registry ID: 110070346567		
Facility URL: <a href="http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070346567">http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070346567</a>		
Environmental Interest/Information System:		
OSHA ESTABLISHMENT		
The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information		
<b>PREPA PLANTA HIDROELECTRICA CAONILLAS II BO VIVI ABAJO CARR 111 INTERIO UTUADO, PR 00641</b>	<b>RCRA NonGen / NLR</b>	<b>1004778821 PRD987381845</b>
RCRA NonGen / NLR:		
Date form received by agency: 2017-04-18 00:00:00.0		
Facility name: PREPA PLANTA HIDROELECTRICA CAONILLAS II		
Facility address: BO VIVI ABAJO CARR 111 INTERIO UTUADO, PR 00641		
EPA ID: PRD987381845		
Mailing address: PO BOX 364267		

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PREPA PLANTA HIDROELECTRICA CAONILLAS II (Continued)**

**1004778821**

SAN JUAN, PR 00936  
 Contact: JOSE M ORTIZ  
 Contact address: PO BOX 1148  
 ARECIBO, PR 00613  
 Contact country: US  
 Contact telephone: 787-816-6350  
 Contact email: JORTIZ8942@AEEPR.COM  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: PUERTO RICO ELECTRIC POWER AUTHORITY  
 Owner/operator address: PO BOX 364267  
 SAN JUAN, PR 00936  
 Owner/operator country: US  
 Owner/operator telephone: Not reported  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: State  
 Owner/Operator Type: Owner  
 Owner/Op start date: 1979-05-30 00:00:00.  
 Owner/Op end date: Not reported

Owner/operator name: JOSE M ORTIZ  
 Owner/operator address: Not reported  
 Not reported  
 Owner/operator country: Not reported  
 Owner/operator telephone: Not reported  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: State  
 Owner/Operator Type: Operator  
 Owner/Op start date: 2014-06-14 00:00:00.  
 Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

ZIP CODE FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**PREPA PLANTA HIDROELECTRICA CAONILLAS II (Continued)**

**1004778821**

Historical Generators:

Date form received by agency: 2015-04-08 00:00:00.0  
 Site name: PREPA PLANTA HIDROELECTRICA CAONILLAS II  
 Classification: Small Quantity Generator

Date form received by agency: 2008-01-01 00:00:00.0  
 Site name: PRASA UTUADO FILTER PLANT  
 Classification: Not a generator, verified

Date form received by agency: 2006-01-01 00:00:00.0  
 Site name: PRASA UTUADO FILTER PLANT  
 Classification: Not a generator, verified

Date form received by agency: 1993-06-10 00:00:00.0  
 Site name: PRASA UTUADO FILTER PLANT  
 Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

- . Waste code: D000
- . Waste name: Not Defined
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D009
- . Waste name: MERCURY

Violation Status: No violations found

CITY FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>RD #10, KM 56 UTUADO, PR</b> RGA LUST: 1995      RD #10, KM 56	RGA LUST	S116438316 N/A
<b>CARR 10 KM 35.2 UTUADO, PR</b> RGA LUST: 2006      CARR 10 KM 35.2 2005      CARR 10 KM 35.2	RGA LUST	S116436018 N/A
<b>CARR 10 KM 56 UTUADO, PR</b> RGA LUST: 2006      CARR 10 KM 56 2005      CARR 10 KM 56	RGA LUST	S116436019 N/A
<b>CARR 10 UTUADO, PR</b> RGA LUST: 2000      CARR 10	RGA LUST	S116436032 N/A
<b>CARR 111 KM 1.4 UTUADO, PR</b> RGA LUST: 2006      CARR 111 KM 1.4 2005      CARR 111 KM 1.4	RGA LUST	S116436037 N/A
<b>GARAJE CENTRAL CARR 10 INT CARR 523 UTUADO, PR</b> PR LUST: Facility ID:          89-0148 Status:              ACTIVE Released:             No Released Date:       Not reported How Known:           UST Removal Date Known:          26-Feb-97 Owner Name:          Roberto Rivera Vidal	LUST	S101442991 N/A

CITY FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>GULF #047</b> <b>CARR 10 KM 56</b> <b>UTUADO, PR</b>  PR LUST: Facility ID:               86-0273 Status:                    ACTIVE Released:                  No Released Date:            Not reported How Known:                UST Removal Date Known:               27-Apr-99 Owner Name:               Gulf-Chevron	LUST	S103553787 N/A
<b>GULF #047</b> <b>CARR 10 KM 56</b> <b>UTUADO, PR</b>  RGA LUST: 2010   GULF #047   CARR 10 KM 56 2003   GULF #047   CARR 10 KM 56 2002   GULF #047   CARR 10 KM 56 2001   GULF #047   CARR 10 KM 56 2000   GULF #047   CARR 10 KM 56	RGA LUST	S116437449 N/A
<b>GULF S/S #0406</b> <b>CARR 10 KM 35.2</b> <b>UTUADO, PR</b>  RGA LUST: 2008   GULF S/S #0406   CARR 10 KM 35.2 2007   GULF S/S #0406   CARR 10 KM 35.2	RGA LUST	S116437634 N/A
<b>GULF S/S 0406</b> <b>CARR 10 KM 35.2</b> <b>UTUADO, PR</b>  PR LUST: Facility ID:               86-0385 Status:                    ACTIVE Released:                  No Released Date:            Not reported How Known:                Product in Well Date Known:               1-Jun-99 Owner Name:               Caribbean Petroleum Corp	LUST	S103553814 N/A

CITY FINDINGS

Site	Database(s)	EDR ID Number	EPA ID Number
<b>GULF S/S 0406</b> <b>CARR 10 KM 35.2</b> <b>UTUADO, PR</b> RGA LUST:	<b>RGA LUST</b>	<b>S116437724</b>	<b>N/A</b>
2010	GULF S/S 0406 CARR 10 KM 35.2		
2003	GULF S/S 0406 CARR 10 KM 35.2		
2002	GULF S/S 0406 CARR 10 KM 35.2		
2001	GULF S/S 0406 CARR 10 KM 35.2		
2000	GULF S/S 0406 CARR 10 KM 35.2		
<b>GULF S\S #047</b> <b>CARR 10 KM 56</b> <b>UTUADO, PR</b> RGA LUST:	<b>RGA LUST</b>	<b>S116437754</b>	<b>N/A</b>
2008	GULF S\S #047 CARR 10 KM 56		
2007	GULF S\S #047 CARR 10 KM 56		
<b>MAINTENANCE SHOP-UTUADO</b> <b>CARR 111 KM 1.4</b> <b>UTUADO, PR</b> RGA LUST:	<b>RGA LUST</b>	<b>S116437994</b>	<b>N/A</b>
2008	MAINTENANCE SHOP-UTUADO CARR 111 KM 1.4		
2007	MAINTENANCE SHOP-UTUADO CARR 111 KM 1.4		
<b>PREPA</b> <b>CARR 111 KM 1.4</b> <b>UTUADO, PR</b> RGA LUST:	<b>RGA LUST</b>	<b>S116438246</b>	<b>N/A</b>
2003	PREPA CARR 111 KM 1.4		
2002	PREPA CARR 111 KM 1.4		
2001	PREPA CARR 111 KM 1.4		
2000	PREPA CARR 111 KM 1.4		

CITY FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**TALLER DE MEC NICA  
CARR 111 KM 1.4  
UTUADO, PR**

**RGA LUST S116438826  
N/A**

RGALUST: 2010 TALLER DE MEC NICA CARR 111 KM 1.4

**TALLER DE MECANICA  
CARR 111 KM 1.4  
UTUADO, PR**

**LUST S103553859  
N/A**

PR LUST:  
 Facility ID: 86-0759  
 Status: INACTIVE  
 Released: Yes  
 Released Date: 05/30/1995  
 How Known: Product in MW  
 Date Known: 17-Dec-99  
 Owner Name: Autoridad Energia Electrica

**CARR. 10 KM. 62.7  
UTUADO, PR**

**RGA LUST S116436323  
N/A**

RGALUST: 2006 CARR. 10 KM. 62.7  
 2005 CARR. 10 KM. 62.7

**GULF #411  
CARR. 10 KM. 62.7  
UTUADO, PR**

**LUST S104904812  
N/A**

PR LUST:  
 Facility ID: 86-0388  
 Status: ACTIVE  
 Released: No  
 Released Date: Not reported  
 How Known: Product in Well  
 Date Known: 8-Nov-99  
 Owner Name: Caribbean Petroleum Corp

**GULF #411  
CARR. 10 KM. 62.7  
UTUADO, PR**

**RGA LUST S116437554  
N/A**

RGALUST: 2010 GULF #411 CARR. 10 KM. 62.7  
 2003 GULF #411 CARR. 10 KM. 62.7  
 2002 GULF #411 CARR. 10 KM. 62.7  
 2001 GULF #411 CARR. 10 KM. 62.7



CITY FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<b>GULF S/S #0411</b> <b>CARR. 10 KM. 62.7</b> <b>UTUADO, PR</b> RGA LUST:	RGA LUST 2008 GULF S/S #0411 CARR. 10 KM. 62.7 2007 GULF S/S #0411 CARR. 10 KM. 62.7	S116437636 N/A
<b>FILTER PLANT MAMEYES</b> <b>UTUADO, PR</b>  The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information	ERNS	2000526548 N/A
<b>LA PLAYITA 63</b> <b>UTUADO, PR</b> RGA LUST:	RGA LUST 2006 LA PLAYITA 63 2005 LA PLAYITA 63	S116437943 N/A
<b>GARAJE CENTRAL</b> <b>LA PLAYITA #63</b> <b>UTUADO, PR</b> RGA LUST:	RGA LUST 1995 GARAJE CENTRAL LA PLAYITA #63	S116437263 N/A
<b>GARAJE CENTRAL</b> <b>LA PLAYITA 63</b> <b>UTUADO, PR</b> RGA LUST:	RGA LUST 2010 GARAJE CENTRAL LA PLAYITA 63 2008 GARAJE CENTRAL LA PLAYITA 63 2007 GARAJE CENTRAL LA PLAYITA 63 2003 GARAJE CENTRAL LA PLAYITA 63 2002 GARAJE CENTRAL LA PLAYITA 63 2001 GARAJE CENTRAL LA PLAYITA 63 2000 GARAJE CENTRAL LA PLAYITA 63	S116437264 N/A

CITY FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
<p><b>ST RD #10, KM UTUADO, PR</b></p> <p>RGA LUST: 1995 ST RD #10, KM</p>	RGA LUST	S116438787 N/A
<p><b>ROAD 111 KM 65 UTUADO, PR</b></p>	ERNS	2017200267 N/A
<p>The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information</p>		
<p><b>UTUADO MUNICIPAL OPEN DUMP STATE ROAD 523 KM 1 HM S UTUADO, PR</b></p>	ODI	1007445541 N/A
<p>ODI: Non Compliance Category: 03 06 11 Latitude: 18 15 36 Longitude: 066 42 36</p>		

COUNTY FINDINGS

<u>Site</u>	<u>Database(s)</u>	<u>EDR ID Number</u>	<u>EPA ID Number</u>
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NO SITES FOUND

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Federal NPL site list***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/30/2020	Source: EPA
Date Data Arrived at EDR: 02/05/2020	Telephone: N/A
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 03/04/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 04/13/2020
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/30/2020	Source: EPA
Date Data Arrived at EDR: 02/05/2020	Telephone: N/A
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 03/04/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 04/13/2020
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/30/2020  
Date Data Arrived at EDR: 02/05/2020  
Date Made Active in Reports: 02/14/2020  
Number of Days to Update: 9

Source: EPA  
Telephone: N/A  
Last EDR Contact: 03/04/2020  
Next Scheduled EDR Contact: 04/13/2020  
Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019  
Date Data Arrived at EDR: 04/05/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 01/03/2020  
Next Scheduled EDR Contact: 04/13/2020  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/30/2020  
Date Data Arrived at EDR: 02/05/2020  
Date Made Active in Reports: 02/14/2020  
Number of Days to Update: 9

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 02/05/2020  
Next Scheduled EDR Contact: 04/27/2020  
Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/30/2020	Source: EPA
Date Data Arrived at EDR: 02/05/2020	Telephone: 800-424-9346
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 03/04/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 04/27/2020
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/16/2019	Source: EPA
Date Data Arrived at EDR: 12/16/2019	Telephone: 800-424-9346
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 02/27/2020
Number of Days to Update: 4	Next Scheduled EDR Contact: 04/06/2020
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/16/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2019	Telephone: (212) 637-3660
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 02/27/2020
Number of Days to Update: 4	Next Scheduled EDR Contact: 04/06/2020
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/16/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2019	Telephone: (212) 637-3660
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 02/27/2020
Number of Days to Update: 4	Next Scheduled EDR Contact: 04/06/2020
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/16/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2019	Telephone: (212) 637-3660
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 02/27/2020
Number of Days to Update: 4	Next Scheduled EDR Contact: 04/06/2020
	Data Release Frequency: Quarterly

## RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/16/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2019	Telephone: (212) 637-3660
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 02/27/2020
Number of Days to Update: 4	Next Scheduled EDR Contact: 04/06/2020
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/04/2019	Source: Department of the Navy
Date Data Arrived at EDR: 11/13/2019	Telephone: 843-820-7326
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 02/10/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/25/2020
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 11/22/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/22/2019	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 02/20/2020
Number of Days to Update: 67	Next Scheduled EDR Contact: 06/08/2020
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 11/22/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/22/2019	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 02/20/2020
Number of Days to Update: 67	Next Scheduled EDR Contact: 06/08/2020
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Federal ERNS list**

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/16/2019

Date Data Arrived at EDR: 12/19/2019

Date Made Active in Reports: 03/06/2020

Number of Days to Update: 78

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/19/2019

Next Scheduled EDR Contact: 04/06/2020

Data Release Frequency: Quarterly

## **State- and tribal - equivalent CERCLIS**

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: Environmental Quality Board

Telephone: 787-767-8181

Last EDR Contact: 08/22/2005

Next Scheduled EDR Contact: 11/21/2005

Data Release Frequency: N/A

## **State and tribal leaking storage tank lists**

LUST: Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/27/2018

Date Data Arrived at EDR: 11/08/2018

Date Made Active in Reports: 01/03/2019

Number of Days to Update: 56

Source: Environmental Quality Board

Telephone: 787-767-8056

Last EDR Contact: 02/20/2020

Next Scheduled EDR Contact: 05/04/2020

Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/15/2019

Date Data Arrived at EDR: 12/17/2019

Date Made Active in Reports: 02/10/2020

Number of Days to Update: 55

Source: EPA Region 7

Telephone: 913-551-7003

Last EDR Contact: 12/16/2019

Next Scheduled EDR Contact: 05/04/2020

Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/01/2019

Date Data Arrived at EDR: 12/04/2019

Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA, Region 5

Telephone: 312-886-7439

Last EDR Contact: 01/24/2020

Next Scheduled EDR Contact: 05/04/2020

Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/02/2019	Source: EPA Region 6
Date Data Arrived at EDR: 12/04/2019	Telephone: 214-665-6597
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 01/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 05/04/2020
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2019	Source: EPA Region 1
Date Data Arrived at EDR: 12/04/2019	Telephone: 617-918-1313
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 01/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 05/04/2020
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/03/2019	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2019	Telephone: 303-312-6271
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 01/24/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 05/04/2020
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/10/2019	Source: EPA Region 4
Date Data Arrived at EDR: 12/05/2019	Telephone: 404-562-8677
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 01/24/2020
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/04/2020
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/04/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/04/2019	Telephone: 415-972-3372
Date Made Active in Reports: 02/27/2020	Last EDR Contact: 01/24/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/04/2020
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/11/2019	Source: EPA Region 10
Date Data Arrived at EDR: 12/04/2019	Telephone: 206-553-2857
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 01/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 05/04/2020
	Data Release Frequency: Varies

## ***State and tribal registered storage tank lists***

FEMA UST: Underground Storage Tank Listing  
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/27/2019	Source: FEMA
Date Data Arrived at EDR: 08/28/2019	Telephone: 202-646-5797
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 01/21/2020
Number of Days to Update: 75	Next Scheduled EDR Contact: 04/20/2020
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Underground Storage Tank Facilities  
Underground storage tank site locations.

Date of Government Version: 01/01/2008  
Date Data Arrived at EDR: 03/26/2008  
Date Made Active in Reports: 04/23/2008  
Number of Days to Update: 28

Source: Environmental Quality Board  
Telephone: 787-767-8056  
Last EDR Contact: 02/04/2020  
Next Scheduled EDR Contact: 05/04/2020  
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/11/2019  
Date Data Arrived at EDR: 12/04/2019  
Date Made Active in Reports: 02/10/2020  
Number of Days to Update: 68

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 01/24/2020  
Next Scheduled EDR Contact: 05/04/2020  
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2019  
Date Data Arrived at EDR: 12/04/2019  
Date Made Active in Reports: 02/10/2020  
Number of Days to Update: 68

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 01/24/2020  
Next Scheduled EDR Contact: 05/04/2020  
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/10/2019  
Date Data Arrived at EDR: 12/05/2019  
Date Made Active in Reports: 02/10/2020  
Number of Days to Update: 67

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 01/24/2020  
Next Scheduled EDR Contact: 05/04/2020  
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/01/2019  
Date Data Arrived at EDR: 12/04/2019  
Date Made Active in Reports: 02/10/2020  
Number of Days to Update: 68

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 01/24/2020  
Next Scheduled EDR Contact: 05/04/2020  
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/02/2019  
Date Data Arrived at EDR: 12/04/2019  
Date Made Active in Reports: 02/10/2020  
Number of Days to Update: 68

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 01/24/2020  
Next Scheduled EDR Contact: 05/04/2020  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/11/2019	Source: EPA Region 7
Date Data Arrived at EDR: 12/04/2019	Telephone: 913-551-7003
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 01/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 05/04/2020
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/03/2019	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2019	Telephone: 303-312-6137
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 01/24/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 05/04/2020
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/04/2019	Source: EPA Region 9
Date Data Arrived at EDR: 12/04/2019	Telephone: 415-972-3368
Date Made Active in Reports: 02/27/2020	Last EDR Contact: 01/24/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/04/2020
	Data Release Frequency: Varies

## ***State and tribal voluntary cleanup sites***

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/17/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/06/2020
	Data Release Frequency: Varies

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/02/2019  
Date Data Arrived at EDR: 12/16/2019  
Date Made Active in Reports: 03/06/2020  
Number of Days to Update: 81

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 12/16/2019  
Next Scheduled EDR Contact: 03/30/2020  
Data Release Frequency: Semi-Annually

## **Local Lists of Landfill / Solid Waste Disposal Sites**

### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 01/27/2020  
Next Scheduled EDR Contact: 05/11/2020  
Data Release Frequency: Varies

### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/17/2020  
Next Scheduled EDR Contact: 05/04/2020  
Data Release Frequency: No Update Planned

### IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 01/31/2020  
Next Scheduled EDR Contact: 05/11/2020  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 06/11/2019  
Date Data Arrived at EDR: 06/13/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 82

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/21/2020  
Next Scheduled EDR Contact: 06/08/2020  
Data Release Frequency: No Update Planned

### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/11/2019  
Date Data Arrived at EDR: 06/13/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 82

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/21/2020  
Next Scheduled EDR Contact: 06/08/2020  
Data Release Frequency: Quarterly

## **Local Land Records**

### **LIENS 2: CERCLA Lien Information**

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 01/30/2020  
Date Data Arrived at EDR: 02/05/2020  
Date Made Active in Reports: 02/14/2020  
Number of Days to Update: 9

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 03/05/2020  
Next Scheduled EDR Contact: 04/13/2020  
Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### **HMIRS: Hazardous Materials Information Reporting System**

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/05/2019  
Date Data Arrived at EDR: 12/06/2019  
Date Made Active in Reports: 02/14/2020  
Number of Days to Update: 70

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 12/06/2019  
Next Scheduled EDR Contact: 04/06/2020  
Data Release Frequency: Quarterly

## **Other Ascertainable Records**

### **RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/16/2019  
Date Data Arrived at EDR: 12/16/2019  
Date Made Active in Reports: 12/20/2019  
Number of Days to Update: 4

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 02/27/2020  
Next Scheduled EDR Contact: 04/06/2020  
Data Release Frequency: Quarterly

### **FUDS: Formerly Used Defense Sites**

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 11/12/2019  
Date Data Arrived at EDR: 11/19/2019  
Date Made Active in Reports: 01/28/2020  
Number of Days to Update: 70

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 02/19/2020  
Next Scheduled EDR Contact: 06/01/2020  
Data Release Frequency: Varies

### **DOD: Department of Defense Sites**

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 01/10/2020  
Next Scheduled EDR Contact: 04/20/2020  
Data Release Frequency: Semi-Annually

## FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/11/2018  
Date Made Active in Reports: 11/06/2019  
Number of Days to Update: 574

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 01/09/2020  
Next Scheduled EDR Contact: 04/20/2020  
Data Release Frequency: N/A

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 02/13/2020  
Next Scheduled EDR Contact: 05/25/2020  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/16/2019  
Date Data Arrived at EDR: 12/19/2019  
Date Made Active in Reports: 02/27/2020  
Number of Days to Update: 70

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 12/19/2019  
Next Scheduled EDR Contact: 04/06/2020  
Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 02/03/2020  
Next Scheduled EDR Contact: 05/18/2020  
Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2017  
Date Data Arrived at EDR: 05/08/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 73

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 02/07/2020  
Next Scheduled EDR Contact: 05/18/2020  
Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 06/21/2017  
Date Made Active in Reports: 01/05/2018  
Number of Days to Update: 198

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 12/20/2019  
Next Scheduled EDR Contact: 03/30/2020  
Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 11/16/2018  
Date Made Active in Reports: 11/21/2019  
Number of Days to Update: 370

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 02/05/2020  
Next Scheduled EDR Contact: 06/01/2020  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 05/01/2019  
Date Data Arrived at EDR: 10/23/2019  
Date Made Active in Reports: 01/15/2020  
Number of Days to Update: 84

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/24/2020  
Next Scheduled EDR Contact: 05/04/2020  
Data Release Frequency: Annually

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/30/2020  
Date Data Arrived at EDR: 02/05/2020  
Date Made Active in Reports: 02/14/2020  
Number of Days to Update: 9

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 03/04/2020  
Next Scheduled EDR Contact: 06/15/2020  
Data Release Frequency: Annually

## RMP: Risk Management Plans

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/02/2019	Telephone: 202-564-8600
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 01/21/2020
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/04/2020
	Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/30/2020	Source: EPA
Date Data Arrived at EDR: 02/06/2020	Telephone: 202-564-6023
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 03/04/2020
Number of Days to Update: 8	Next Scheduled EDR Contact: 05/18/2020
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019	Source: EPA
Date Data Arrived at EDR: 10/11/2019	Telephone: 202-566-0500
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 01/10/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/20/2020
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/06/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/20/2020
	Data Release Frequency: Quarterly



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: No Update Planned

### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: No Update Planned

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019  
Date Data Arrived at EDR: 10/25/2019  
Date Made Active in Reports: 01/15/2020  
Number of Days to Update: 82

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 01/21/2020  
Next Scheduled EDR Contact: 05/04/2020  
Data Release Frequency: Quarterly

### COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 12/04/2019  
Date Made Active in Reports: 01/15/2020  
Number of Days to Update: 42

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 03/06/2020  
Next Scheduled EDR Contact: 06/15/2020  
Data Release Frequency: Varies

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017  
Date Data Arrived at EDR: 03/05/2019  
Date Made Active in Reports: 11/11/2019  
Number of Days to Update: 251

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 02/27/2020  
Next Scheduled EDR Contact: 06/15/2020  
Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019  
Date Data Arrived at EDR: 11/06/2019  
Date Made Active in Reports: 02/10/2020  
Number of Days to Update: 96

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 02/07/2020  
Next Scheduled EDR Contact: 05/18/2020  
Data Release Frequency: Varies

### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019  
Date Data Arrived at EDR: 07/01/2019  
Date Made Active in Reports: 09/23/2019  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 12/20/2019  
Next Scheduled EDR Contact: 04/13/2020  
Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/01/2019  
Date Data Arrived at EDR: 10/29/2019  
Date Made Active in Reports: 01/15/2020  
Number of Days to Update: 78

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 01/28/2020  
Next Scheduled EDR Contact: 05/11/2020  
Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 01/17/2020  
Date Made Active in Reports: 03/06/2020  
Number of Days to Update: 49

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/06/2020  
Next Scheduled EDR Contact: 04/20/2020  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 09/28/2017  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 02/27/2020  
Next Scheduled EDR Contact: 04/06/2020  
Data Release Frequency: Biennially

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 01/07/2020
Number of Days to Update: 546	Next Scheduled EDR Contact: 04/20/2020
	Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/31/2020
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/18/2020
	Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 02/21/2020
Number of Days to Update: 74	Next Scheduled EDR Contact: 06/01/2020
	Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/30/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/05/2020	Telephone: 703-603-8787
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 03/04/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 04/13/2020
	Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 12/03/2019  
Date Data Arrived at EDR: 12/03/2019  
Date Made Active in Reports: 01/28/2020  
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 03/02/2020  
Next Scheduled EDR Contact: 06/15/2020  
Data Release Frequency: Quarterly

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/06/2019  
Date Data Arrived at EDR: 11/25/2019  
Date Made Active in Reports: 01/28/2020  
Number of Days to Update: 64

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/25/2020  
Next Scheduled EDR Contact: 06/08/2020  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 02/28/2020  
Next Scheduled EDR Contact: 06/08/2020  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 02/28/2020  
Next Scheduled EDR Contact: 06/08/2020  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/09/2019  
Date Data Arrived at EDR: 12/11/2019  
Date Made Active in Reports: 02/27/2020  
Number of Days to Update: 78

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 03/05/2020  
Next Scheduled EDR Contact: 06/22/2020  
Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/22/2019  
Date Data Arrived at EDR: 12/04/2019  
Date Made Active in Reports: 03/02/2020  
Number of Days to Update: 89

Source: EPA  
Telephone: (212) 637-3000  
Last EDR Contact: 03/03/2020  
Next Scheduled EDR Contact: 06/15/2020  
Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/05/2020  
Date Data Arrived at EDR: 01/07/2020  
Date Made Active in Reports: 03/06/2020  
Number of Days to Update: 59

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 01/07/2020  
Next Scheduled EDR Contact: 04/20/2020  
Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 01/17/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 74

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 01/13/2020  
Next Scheduled EDR Contact: 04/27/2020  
Data Release Frequency: Varies

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 07/26/2018  
Date Made Active in Reports: 10/05/2018  
Number of Days to Update: 71

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 02/21/2020  
Next Scheduled EDR Contact: 06/08/2020  
Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/18/2019  
Date Data Arrived at EDR: 11/19/2019  
Date Made Active in Reports: 01/28/2020  
Number of Days to Update: 70

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 02/19/2020  
Next Scheduled EDR Contact: 06/01/2020  
Data Release Frequency: Quarterly

## MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/06/2018  
Date Data Arrived at EDR: 10/21/2019  
Date Made Active in Reports: 10/24/2019  
Number of Days to Update: 3

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 02/28/2020  
Next Scheduled EDR Contact: 06/08/2020  
Data Release Frequency: Varies

## **EDR HIGH RISK HISTORICAL RECORDS**

### ***EDR Exclusive Records***

#### **EDR MGP: EDR Proprietary Manufactured Gas Plants**

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## **EDR RECOVERED GOVERNMENT ARCHIVES**

### ***Exclusive Recovered Govt. Archives***

#### **RGA LUST: Recovered Government Archive Leaking Underground Storage Tank**

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Environmental Quality Board in Puerto Rico.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/04/2014  
Number of Days to Update: 187

Source: Environmental Quality Board  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## **OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

#### **NJ MANIFEST: Manifest Information**

Hazardous waste manifest information.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 04/10/2019  
Date Made Active in Reports: 05/16/2019  
Number of Days to Update: 36

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/06/2020  
Next Scheduled EDR Contact: 04/20/2020  
Data Release Frequency: Annually

#### **RI MANIFEST: Manifest information**

Hazardous waste manifest information

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 10/02/2019  
Date Made Active in Reports: 12/10/2019  
Number of Days to Update: 69

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/18/2020  
Next Scheduled EDR Contact: 06/01/2020  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media  
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

## Electric Power Transmission Line Data

Source: Endeavor Business Media  
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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991  
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000  
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248  
Information on Medicare and Medicaid certified nursing homes in the United States.

## Public Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300  
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## Private Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300  
The National Center for Education Statistics' primary database on private school locations in the United States.

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA  
Telephone: 877-336-2627  
Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STREET AND ADDRESS INFORMATION

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*Phase I Environmental Site Assessment Report  
Former Mechanical Shop  
PR-10 (Utuaado - Adjuntas)  
Project – AC-100069  
Guaónico Ward  
Utuaado, Puerto Rico  
CES Project No. 20-0008*

**PRIVILEGED AND CONFIDENTIAL**

## **APPENDIX 6**

### **FRS FACILITY QUERY RESULTS**

An official website of the United States government.

We've made some changes to [EPA.gov](https://www.epa.gov). If the information you are looking for is not here, you may be able to find it on the [EPA Web Archive](#) or the [January 19, 2017 Web Snapshot](#).

[Close](#)

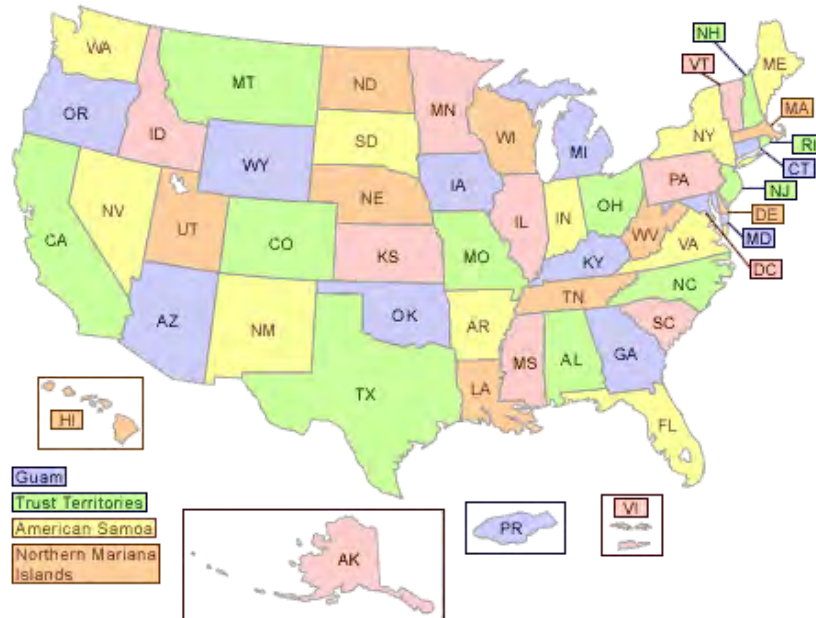


## National Priorities List (NPL) Sites - by State

[\[View NPL Sites - by Site Name\]](#) | [\[View NPL Sites - by Date\]](#)

Choose a state or territory from the map or list below.

Alabama



**This page provides information about sites listed on the NPL; including Site Name, City, Site EPA ID, Listing Date, Site Score, and Federal Facility Indicator. Links to the Site Narrative, Site Progress Profile, and *Federal Register* Notice are provided in the Additional Information column. The Site Location column contains a link to a map with the site location. Select a state from the map for a list of NPL sites in that state.**

You may need a PDF reader to view some of the files on this page. See [EPA's About PDF page](#) to learn more.

( 1335 Sites as of June 03, 2020 )

<b>Alabama ( 12 sites )</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Listing Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
Alabama Army Ammunition Plant	Childersburg	AL6210020008	07/22/1987	36.83	Yes	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (27 pp, 287 K)</li> </ul>	<a href="#">Site Location</a>
Alabama Plating Company, Inc.	Vincent	ALD004022448	09/18/2012	30.20	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (10 pp, 261 K)</li> </ul>	<a href="#">Site Location</a>
American Brass	Headland	ALD981868466	05/10/1999	55.61	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (8 pp, 189 K)</li> </ul>	<a href="#">Site Location</a>
Anniston Army Depot (Southeast Industrial Area)	Anniston	AL3210020027	03/13/1989	51.91	Yes	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (11 pp, 136 K)</li> </ul>	<a href="#">Site Location</a>

<b>Pennsylvania ( 91 sites )</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Listing Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
Willow Grove Naval Air and Air Reserve Station	Willow Grove	PAD987277837	09/29/1995	50.00	Yes	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (5 pp, 166 K)</li> </ul>	<a href="#">Site Location</a>

<b>Puerto Rico ( 19 sites )</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Listing Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
Atlantic Fleet Weapons Training Area - Vieques	Vieques	PRN000204694	02/11/2005		Yes	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (8 pp, 175 K)</li> </ul>	<a href="#">Site Location</a>
Cabo Rojo Ground Water Contamination	Cabo Rojo	PRN000206319	03/10/2011	50.00	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (9 pp, 179 K)</li> </ul>	<a href="#">Site Location</a>

<b>Puerto Rico ( 19 sites )</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Listing Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
Cidra Ground Water Contamination	Cidra	PRN000204538	07/22/2004	50.00	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (8 pp, 205 K)</li> </ul>	<a href="#">Site Location</a>
Corozal Well	Corozal	PRN000206452	03/15/2012	50.00	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (9 pp, 250 K)</li> </ul>	<a href="#">Site Location</a>
Dorado Ground Water Contamination	Dorado	PRN000201872	09/09/2016	50.00	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (7 pp, 245 K)</li> </ul>	<a href="#">Site Location</a>
Fibers Public Supply Wells	Jobos	PRD980763783	09/21/1984	35.34	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (22 pp, 177 K)</li> </ul>	<a href="#">Site Location</a>

<b>Puerto Rico ( 19 sites )</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Listing Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
Hormigas Ground Water Plume	Caguas	PRN000206359	03/10/2011	50.00	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (9 pp, 179 K)</li> </ul>	<a href="#">Site Location</a>
Juncos Landfill	Juncos	PRD980512362	09/08/1983	32.57	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (36 pp, 441 K)</li> </ul>	<a href="#">Site Location</a>
Maunabo Area Ground Water Contamination	Maunabo	PRN000205831	09/27/2006	50.00	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (9 pp, 212 K)</li> </ul>	<a href="#">Site Location</a>
Papelera Puertorriquena, Inc.	Utua	PRD090290685	09/23/2009	34.69	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (10 pp, 170 K)</li> </ul>	<a href="#">Site Location</a>

<b>Puerto Rico ( 19 sites )</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Listing Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
Pesticide Warehouse I	Arecibo	PRD987367349	09/27/2006	50.00	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (9 pp, 212 K)</li> </ul>	<a href="#">Site Location</a>
Pesticide Warehouse III	Manati	PRD987367299	04/30/2003	50.00	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (8 pp, 191 K)</li> </ul>	<a href="#">Site Location</a>
PROTECO	Peñuelas	PRD000831487	05/15/2019	36.33	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (7 pp, 324 K)</li> </ul>	<a href="#">Site Location</a>
San German Ground Water Contamination	San German	PRN000205957	03/19/2008	50.00	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (9 pp, 214 K)</li> </ul>	<a href="#">Site Location</a>

<b>Puerto Rico ( 19 sites )</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Listing Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
Scorpio Recycling, Inc.	Candeleria Ward	PRD987376662	02/04/2000	50.00	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (8 pp, 271 K)</li> </ul>	<a href="#">Site Location</a>
The Battery Recycling Company	Bo. Cambalache	PRR000004655	08/03/2017	56.66	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (6 pp, 255 K)</li> </ul>	<a href="#">Site Location</a>
Upjohn Facility	Barceloneta	PRD980301154	09/21/1984	41.92	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (22 pp, 177 K)</li> </ul>	<a href="#">Site Location</a>
Vega Alta Public Supply Wells	Vega Alta	PRD980763775	09/21/1984	42.24	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (22 pp, 177 K)</li> </ul>	<a href="#">Site Location</a>



<b>Puerto Rico ( 19 sites )</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Listing Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
Vega Baja Solid Waste Disposal	Rio Abajo Ward	PRD980512669	07/22/1999	50.37	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (8 pp, 183 K)</li> </ul>	<a href="#">Site Location</a>

<b>Rhode Island ( 12 sites )</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Listing Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
Central Landfill	Johnston	RID980520183	06/10/1986	46.71	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (34 pp, 369 K)</li> </ul>	<a href="#">Site Location</a>
Centredale Manor Restoration Project	North Providence	RID981203755	02/04/2000	70.71	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Federal Register Notice (PDF)</a> (8 pp, 271 K)</li> </ul>	<a href="#">Site Location</a>



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( 424 Sites as of May 26, 2020 )

<b>Alabama (3 sites)</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Deletion Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
Mowbray Engineering Co.	Greenville	ALD031618069	12/30/1993	53.67	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Notice of Intent for Deletion (PDF)</a> (3 pp, 44 K)</li> <li>• <a href="#">Deletion FR Notice (PDF)</a> (2 pp, 42 K)</li> </ul>	<a href="#">Site Location</a>
Perdido Ground Water Contamination	Perdido	ALD980728703	05/16/2017	30.29	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Notice of Intent for Deletion (PDF)</a> (1 pg, 168 K)</li> <li>• <a href="#">Deletion FR Notice (PDF)</a> (5 pp, 247 K)</li> </ul>	<a href="#">Site Location</a>
Redwing Carriers, Inc. (Saraland)	Saraland	ALD980844385	09/28/2015	30.83	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Notice of Intent for Deletion (PDF)</a> (2 pp, 219 K)</li> <li>• <a href="#">Deletion FR Notice (PDF)</a> (5 pp, 234 K)</li> </ul>	<a href="#">Site Location</a>

<b>Pennsylvania (34 sites)</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Deletion Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
York County Solid Waste and Refuse Authority Landfill	Hopewell Township	PAD980830715	02/14/2005	44.26	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Notice of Intent for Deletion (PDF)</a>. (2 pp, 175 K)</li> <li>• <a href="#">Deletion FR Notice (PDF)</a>. (4 pp, 186 K)</li> </ul>	<a href="#">Site Location</a>

<b>Puerto Rico (6 sites)</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Deletion Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
Barceloneta Landfill	Florida Afuera	PRD980509129	10/03/2011	41.11	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Notice of Intent for Deletion (PDF)</a>. (2 pp, 151 K)</li> <li>• <a href="#">Deletion FR Notice (PDF)</a>. (6 pp, 166 K)</li> </ul>	<a href="#">Site Location</a>

<b>Puerto Rico (6 sites)</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Deletion Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
Frontera Creek	Rio Abajo	PRD980640965	12/29/1998	43.07	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Notice of Intent for Deletion (PDF)</a> (3 pp, 152 K)</li> <li>• <a href="#">Deletion FR Notice (PDF)</a> (2 pp, 146 K)</li> </ul>	<a href="#">Site Location</a>
GE Wiring Devices	Juana Diaz	PRD090282757	10/16/2000	31.24	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Notice of Intent for Deletion (PDF)</a> (2 pp, 247 K)</li> <li>• <a href="#">Deletion FR Notice (PDF)</a> (3 pp, 251 K)</li> </ul>	<a href="#">Site Location</a>
Naval Security Group Activity	Sabana Seca	PR4170027383	10/07/1998	34.28	Yes	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Notice of Intent for Deletion (PDF)</a> (4 pp, 158 K)</li> <li>• <a href="#">Deletion FR Notice (PDF)</a> (2 pp, 146 K)</li> </ul>	<a href="#">Site Location</a>

<b>Puerto Rico (6 sites)</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Deletion Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>
RCA Del Caribe	Barceloneta	PRD090370537	06/17/2005	31.14	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Notice of Intent for Deletion (PDF)</a> (2 pp, 173 K)</li> <li>• <a href="#">Deletion FR Notice (PDF)</a> (3 pp, 177 K)</li> </ul>	<a href="#">Site Location</a>
V&M/Albaladejo	Almirante Norte Ward	PRD987366101	10/22/2001	50.00	No	<ul style="list-style-type: none"> <li>• <a href="#">Site Listing Narrative</a></li> <li>• <a href="#">Site Progress Profile</a></li> <li>• <a href="#">Notice of Intent for Deletion (PDF)</a> (2 pp, 158 K)</li> <li>• <a href="#">Deletion FR Notice (PDF)</a> (3 pp, 167 K)</li> </ul>	<a href="#">Site Location</a>

<b>Rhode Island (1 site)</b>							
<b>Site Name</b>	<b>City</b>	<b>Site EPA ID</b>	<b>Deletion Date</b>	<b>Site Score</b>	<b>Federal Facility Indicator</b>	<b>Additional Information</b>	<b>Site Location</b>

HANDLER ID	NAME	STREET	CITY	COUNTY	STATE	ZIP CODE	LATITUDE/LONGITUDE
<a href="#">PRR000012278</a>	B & B PARKING LOT ANTIGUA TABA CALERA	19 ESTEVES AVE RIO VIVI ABAJO	UTUADO	UTUADO	PR	00641	18.263562/-66.693644
<a href="#">PRN008005357</a>	CHEIMI MUFFLERS	CARR 10 KM 54.4	UTUADO	UTUADO	PR	00641	18.320696/-66.673947
<a href="#">PR0000293977</a>	COL REGIONAL DE LA MONTANA	ST ROAD 10 KM 52.2	UTUADO	UTUADO	PR	00641	18.328182/-66.678975
<a href="#">PR0001008010</a>	DEPT OF ED - JUDITH A VIVAS SCH	RIVAS DOMINICCI AVE	UTUADO	UTUADO	PR	00641	/
<a href="#">PRR000000661</a>	DEPT OF ED - SU VIVI ARRISA	CARR 605 KM 4.4	UTUADO	UTUADO	PR	00641	18.250047/-66.675753
<a href="#">PRN008005332</a>	DOT DPW	CARR 111 KM 4.2	UTUADO	UTUADO	PR	00641	18.299438/-66.782829
<a href="#">PRR000014506</a>	EMPRESAS RIOS	FERNANDEZ LUIS RIVA AVE	UTUADO	UTUADO	PR	00641	/
<a href="#">PRN008005340</a>	ESSO	URB CABRERA 7	UTUADO	UTUADO	PR	00641	18.26581/-66.71251
<a href="#">PRR000017756</a>	ESSO STANDARD OIL CO PR CO-430	CARR 10 KM 55.4 BO SALTO ABAJO	UTUADO	UTUADO	PR	00641	18.083515/-66.636851
<a href="#">PRR000015669</a>	ESSO STANDARD OIL CO PR SS CO- 450	NUEVA CARR 111 KM 0.7	UTUADO	UTUADO	PR	00641	18.242202/-66.668709
<a href="#">PRN008005365</a>	GARAGE PAPITO	BARRIADA NUEVA 57	UTUADO	UTUADO	PR	00641	18.2683/-66.69616
<a href="#">PRR000005082</a>	GOVT OF PR DEPT DE VIVIENDA RES FERNANDO	RD 111 KM 1.4 RIVAS DOMINICI	UTUADO	UTUADO	PR	00641	18.246183/-66.671503
<a href="#">PRR000014639</a>	JOSE R GONZALEZ SERVICE STATION	RD PR #111 KM 19.3	UTUADO	UTUADO	PR	00611	18.288283/-66.766323
<a href="#">PRO008005373</a>	MECANICA SAMMY	PO BOX 692	UTUADO	UTUADO	PR	00641	/
<a href="#">PRN008005324</a>	MUNICIPAL MOTORPOOL OF UTUADO	CARR 111 KM 3.1	UTUADO	UTUADO	PR	00641	18.299438/-66.782829

HANDLER ID	NAME	STREET	CITY	COUNTY	STATE	ZIP CODE	LATITUDE/LONGITUDE
<a href="#">PRR000013946</a>	MUNICIPALITY OF UTUADO	BALDORIOTY & ESTEVES ST	UTUADO	UTUADO	PR	00641	/
<a href="#">PRD090290685</a>	PAPELERIA PUERTORRIQUENA	AVE RIBAS DOMINICCI KM 1.7	UTUADO	UTUADO	PR	00761	/
<a href="#">PR0000044719</a>	PR ARMY NATIONAL GUARD - UTUADO ARMORY	RD 10 INTERSECT RD 111 KM 3.8	UTUADO	UTUADO	PR	00641	18.033897/-66.58361
<a href="#">PRR000007559</a>	PR PUBLIC HOUSING ADMIN FERNANDO GARCIA	AVE RIVAS DOMINICHI KM 1.4	UTUADO	UTUADO	PR	00641	/
<a href="#">PRR000022681</a>	PRASA - NEW UTUADO WASTEWATER TREATMENT PLT	PR 123 KM 60.8 BO SALTO ABAJO	UTUADO	UTUADO	PR	00641	/
<a href="#">PRR000023507</a>	PREPA - UTUADO TECHNICAL OPERATIONS OFFICE	CARR 10 KM 56.5	UTUADO	UTUADO	PR	00641	/
<a href="#">PRD987381845</a>	PREPA PLANTA HIDROELECTRICA CAONILLAS II	BO VIVI ABAJO CARR 111 INTERIO	UTUADO	UTUADO	PR	00641	18.243962/-66.671052
<a href="#">PR0000136580</a>	PUERTO RICO INDUSTRIAL DEV CO	RD 10 KM 54.1	UTUADO	UTUADO	PR	00641	18.343576/-66.680141
<a href="#">PRD982740607</a>	PUERTO RICO INDUSTRIAL DEVELOP	RD PR 10 KM 54.1	UTUADO	UTUADO	PR	00761	18.343576/-66.680141
<a href="#">PRR000004366</a>	SHELL CO PR LTD - SHELL SS 2534	CARR PR 10 INT CARR PR 111	UTUADO	UTUADO	PR	00641	18.31548/-66.68119
<a href="#">PRR000005439</a>	SHELL CO PR LTD SS 2534	RD PR 10 SALTO ABAJO WARD	UTUADO	UTUADO	PR	00641	18.31548/-66.68119



HANDLER ID	NAME	STREET	CITY	COUNTY	STATE	ZIP CODE	LATITUDE/LONGITUDE
<a href="#">PRO008005381</a>	SHELL SUPER STATION	SALIDA CARRETERA	UTUADO	UTUADO	PR	00641	/
<a href="#">PRR000023796</a>	SUPER AHORROS #2347	CALLE #9 CENTRO GUBERNAMENTAL	UTUADO	UTUADO	PR	00641	/
<a href="#">PRD091144535</a>	UNIVERSIDAD DE PUERTO RICO	HOSPITAL AVE	UTUADO	UTUADO	PR	00761	/
<a href="#">PRN008028573</a>	UTUADO READY MIX CONCRETE	RD PR 10 KM 55.5	UTUADO	UTUADO	PR	00641	/
<a href="#">PRD000691576</a>	UTUADO STP	STATE RD 10 KM 50.5	UTUADO	UTUADO	PR	00761	18.26801/-66.709897
<a href="#">PRR000007401</a>	WALGREENS #185	940 CARR 123	UTUADO	UTUADO	PR	00641	18.229113/-66.813169

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				01	TA TECH ASSIST	3	09/26/2008			EPA Perf
				01	EE EE/CA	2	08/04/2011	12/30/2011		EPA Perf
				01	RO ROD	1	09/30/2012	09/30/2012		EPA Perf
				01	BE PRP RD	1	09/23/2013	07/07/2014		EPA Ovrsght
				01	BF PRP RA	2	07/07/2014	09/28/2018		EPA Ovrsght
				01	ME PRP LR	2	09/28/2018			EPA Ovrsght
PR0000834523 0206413	AVON PRODUCTS INC STATE RD #1, KM 26.4 CAGUAS, PR CAGUAS (72025)	00725								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	06/14/2010	06/14/2010		EPA Perf
				00	PA PA	1		06/30/2011	N	EPA Perf
PR0000970129 0203534	INDUSTRIAL MACHINERY MOVERS, INC PR-174 KM 4.4 Juan Sánchez Ward BAYAMON, PR BAYAMON (72021)	00959								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
PR0000980722 0203932	JUNCOS OXIDATION POND STATE ROAD #934 KM 2.7 CEIBA SUR WARD, PR JUNCOS (72077)	00666								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	10/13/1994	10/13/1994		St Perf
				00	PA PA	1		09/27/1996	H	St Perf
				00	SI SI	1		05/23/1997	L	St Perf
				00	RS RV ASSESS	1	01/11/1999	09/07/1999		EPA Perf
				00	OO SITE REASS	1	10/01/2004	09/25/2006	N	St Perf

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PR0001762244 0204095	TROPICAL FRUIT 335 KM 7.2 RURAL ZONE BOCA GUAYANILLA, PR	00656		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
PR0002196368 0204362	CELIA'S LAUNDRY 247 ELEANOR ROOSEVELT STREET SAN JUAN, PR SAN JUAN (72127)	00910		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	12/28/2001	12/28/2001		St Perf
				00 PA PA	1	12/28/2001	09/18/2003	L	St Perf
				00 SI SI	1	09/18/2003	11/29/2005	N	St Perf
PR0002371342 0204173	J & G 24 CORPORATION ROAD #675 KM 4.0 BARRIO BAJURAS VEGA ALTA, PR VEGA ALTA (72143)	00693		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00 RS RV ASSESS	1	04/14/1999	09/22/1999		EPA Perf
				00 RV RMVL	1	06/01/2000	11/02/2001	C	EPA Perf
				00 DS DISCVRY	1	05/22/2002	05/22/2002		EPA Perf
				00 PA PA	1	05/22/2002	04/26/2010	N	EPA Perf
				00 AR ADMIN REC	1	12/02/2002		V	EPA Perf
PR0002392611 0204179	ISLA DE CABRAS PYROTECHNIC DETONATION SITE PR870 CATANO, PR CATANO (72033)	00962		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					

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PR2210010003 0202571	FORT BUCHANAN ROUTE 28 SAN JUAN, PR SAN JUAN (72127)	00934		NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y					
				00 DS DISCVRY	1	06/01/1979	06/01/1979		EPA Perf
				00 PA PA	1		12/01/1980	H	Fed Fac
				00 SI SI	1	11/12/1984	11/19/1984	N	Fed Fac
				00 VS ARCH SITE	1		11/19/1984		EPA Perf In-Hse
				00 VU UNARCHIVE	1		04/21/2011		EPA Perf In-Hse
PR4170027383 0202698	NAVAL SECURITY GROUP ACTIVITY BTW DE DIEGO EXSPRESSWAY & INGENIO RD. SABANA SECA, PR	00749 98	18.433061 -66.190281 EPA HQ	NPL STATUS: D FEDERAL FACILITY: Y FEDERAL FACILITY DOCKET IND: Y					
				00 DS DISCVRY	1	09/15/1984	09/15/1984		Fed Fac
				00 PA PA	1		09/15/1984	L	Fed Fac
				00 SI SI	1		09/15/1984	H	Fed Fac
				00 NP PROPOSED	1		06/24/1988		EPA Perf
				00 NF NPL FINL	1		10/04/1989		EPA Perf
				00 CQ CLSOUT R	1		09/30/1997		EPA Perf
				00 ND DELETION	1	07/30/1998	10/07/1998		EPA Perf
				00 TU NOID	1		07/30/1998		EPA Perf
				01 LW FF RI/FS	1	03/19/1992	09/30/1997		Fed Fac
				01 RO ROD	1		09/30/1997		Fed Fac
				02 LW FF RI/FS	2	10/01/1992	09/20/1996		Fed Fac
				02 RO ROD	2		09/20/1996		Fed Fac
				02 LX FF RD	2	09/30/1996	12/19/1996		Fed Fac
				02 LY FF RA	2	01/15/1997	09/17/1997		Fed Fac
				03 LW FF RI/FS	3	10/01/1992	09/30/1997		Fed Fac
				03 RO ROD	3		09/30/1997	R	Fed Fac

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PRC200400042 0206269	SUPER-A FERTILIZER WAREHOUSE FLEA MARKET SITE CARR. #2 KM. 146.7 MAYAGUEZ, PR	00681		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
PRC200400059 0204940	SABANA ABAJO INDUSTRIAL PARK B STREET (LOT 34) CAROLINA, PR CAROLINA (72031)	00983		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
				00 PA PA	1	04/20/2004	01/09/2006	N	EPA Perf In-Hse
				00 DS DISCVRY	1	04/20/2004	04/20/2004		EPA Perf
				00 RS RV ASSESS	1	09/23/2004			EPA Perf
				00 BB PRP RV	1	02/24/2015			EPA Ovrsght
PRC200400067 0204941	JAYUYA DUMP END OF STATE ROAD 539 (@RIO SALIENTE) JAYUYA, PR JAYUYA (72073)	00664		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
				00 RS RV ASSESS	1	06/28/2000			EPA Perf
PRC200400075 0206270	GUANICA PUBLIC WORKS BURIED DRUM SITE 13 DE MAYO ST. GUANICA, PR	00653		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					

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PRC200400166 0206287	AQUABLUE TOWERS 50 LUIS MUNOZ RIVERA HATO REY, PR	00917		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ	RP EM REM	1	12/06/2007	01/15/2008	S EPA Ovrsght
PRC200400174 0206290	RIO PIEDRAS CDT HOSPITAL MERCURY SPILL PINEIRO ST. INT. WITH VALLEJO ST. RIO PIEDRAS, PR SAN JUAN (72127)	00925 00		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ	RP EM REM	1	03/03/2005	03/22/2005	S EPA Ovrsght
				00	PJ	RP EM REM	2	08/29/2005	08/29/2005	S EPA Ovrsght
				00	PJ	RP EM REM	3	09/07/2005	11/09/2005	S EPA Ovrsght
				00	PJ	RP EM REM	4	06/07/2006	09/26/2008	S EPA Ovrsght
PRC200400182 0206291	CERVECERIA INDIA INC. AMMONIA RELEASE 100 BOULEVARD ALFONSO VALDES MAYAGUEZ, PR MAYAGUEZ (72097)	00680 00		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ	RP EM REM	1	12/04/2007	12/17/2007	S EPA Ovrsght
PRC200400208 0206293	AMERICAN INTERNATIONAL PLAZA, ETHYLENE GLYCOL RELEASE 250 MUNOZ RIVERA AVENUE, CORNER WITH CHARDON AVE HATO REY, PR SAN JUAN (72127)	00918 00		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ	RP EM REM	1	03/20/2008	03/20/2008	S EPA Ovrsght

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PRC200400232 0206303	LUIS MUNOZ MARIN HIGH SCHOOL MERCURY SPILL 128 SUSUA WARD YAUCO, PR YAUCO (72153)	00698		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
				00 RV RMVL	1	02/11/2009	04/14/2009	C	EPA Perf
PRC200400240 0206304	JESUSA VIZCARONDO SCHOOL MERCURY SPILL RT. 187, KM 5 LOIZA, PR LOIZA (72087)	00772		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
				00 RV RMVL	1	02/12/2009	04/15/2009	C	EPA Perf
PRC200400257 0206305	ARECIBO ROAD 490 ABANDONED DRUM SITE CAMINO MUNICIPAL KM .5, ADJ ROAD 490 ARECIBO, PR ARECIBO (72013)	00612		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
				00 PJ RP EM REM	1	01/09/2010	05/12/2010	S	EPA Ovrsght
PRC200400265 0206306	BENITO CEREZO HS LABORATORY SITE RD 458 KM .2 INTERSECTION WITH RD 107 AGUADILLA, PR AGUADILLA (72005)	00603		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
				00 RV RMVL	1	02/27/2009	09/26/2009	S	EPA Perf
PRC200400414 0206327	CAGUAS TIRE FIRE PMB 136, BOX 4985,1 KM 28.8 INTERIOR CAGUAS, PR CAGUAS (72025)	00726 00		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					

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				00	RV RMVL	1	08/25/2009	09/12/2009	S	EPA Perf
PRC200400422 0206328	VEGA BAJA MERCURY 44 AVENIDA SAN PATRICIO CARR #2, KM 80.6 ARECIBO, PR ARECIBO (72013)	00612 00								
				00	RV RMVL	1	09/01/2009	09/25/2009	S	EPA Perf
PRC200400430 0206329	CAROLINA PYROTECHNICS SITE EASY STORAGE MINI WAREHOUSE JULIO N. MATOS INDUSTRIAL PARK LOT 17 CAROLINA, PR SAN JUAN (72127)	00								
				00	RV RMVL	1	09/14/2009	09/14/2011	S	EPA Perf
PRC200400448 0206335	ANDRES SANDIN MARTINEZ SCHOOL LAB. CHEMICALS ROAD 906, BO. AGUACATE YABUCOA, PR YABUCOA (72151)	00767 00								
				00	PJ RP EM REM	1	08/20/2009	08/21/2009	S	EPA Ovrsght
PRC200400463 0206340	LUIS MUNOZ MARIN INTERNATIONAL AIRPORT MERCURY SPILL DEPARTURES B CAROLINA, PR CAROLINA (72031)	00979								
				00	PJ RP EM REM	1	08/25/2009	08/25/2009	S	EPA Ovrsght



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PRC200400471 0206341	VEGA ALTA ROAD 694 ABANDONED DRUM SITE CARR 694, KM 0.2, ESPINOSA WARD VEGA ALTA, PR VEGA ALTA (72143)	00692 00								
				00	PJ RP EM REM	1	07/17/2009	09/25/2009	S	EPA Ovrsght
PRC200400497 0206344	CATANO PYROTECHNICS FOREIGN TRADE ZONE #61 BUILDING 2 ISLAND STORAGE AND DISTRIBUTION INC (CBP GUAYNABO, PR GUAYNABO (72061)	00949 00								
				00	RV RMVL	1	09/24/2009	03/19/2010	S	EPA Perf
PRC200400604 0206425	CATANO MERCURY HIGHWAY 5, KM 7.4, PNDC BUILDING 1 LAS PALMAS CATANO, PR CATANO (72033)	00963 00								
				00	RV RMVL	1	08/05/2010	08/13/2010	S	EPA Perf
PRC200400646 0206431	RIO PIEDRAS RESIDENCE ABANDONED CHEMICAL 1518 FARRAR STREET, URB. ANTONSANTI RIO PIEDRAS, PR SAN JUAN (72127)	00927 00								
				00	PJ RP EM REM	1	02/10/2010	02/12/2010	S	EPA Ovrsght

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PRC200400653 0206432	ARECIBO RESIDENTIAL MERCURY SPILL CALLE 31, KK-7, URBANIZACIÓN VISTA AZUL ARECIBO, PR ARECIBO (72013)	00		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ	RP EM REM	1	09/02/2010	09/03/2010	S EPA Ovrsght
PRC200400661 0206433	MAUNABO ABANDONED DRUMS 46 CLL MUÑOZ RIVERA MAUNABO, PR MAUNABO (72095)	00707 00		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	RV	RMVL	1	09/16/2010		EPA Perf
PRC200400703 0206448	HUMACAO ABANDONED DRUMS PINCEL AUTO REPAIR - CARR PR 944 KM 2.4 GURABO, PR CAGUAS (72025)	00778 00		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ	RP EM REM	1	11/04/2009	01/31/2011	S EPA Ovrsght
PRC200400737 0206453	PUENTE BLANCO ABANDONED DRUM CALLE PRINCIPAL END ADJACENT MALARIA CANAL & LAJAS CREEK CATANO, PR CATANO (72033)	00962		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
PRC200400745 0206454	LAS MARGARITAS HOUSING MERCURY BLDG 31 CALLE A, BLDG 35 CALLE C RESIDENCIAL LAS MARGARITAS-UNIT 610, 292 SANTURCE, PR SAN JUAN (72127)	00915 00		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						

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				00	RV RMVL	1	02/02/2011	03/07/2011	C	EPA Perf
PRC200400885 0206500	QUIRCH FOODS 918 ESCORIAL STREET URB. MARIO JULIA INDUSTRIAL PARK SAN JUAN, PR SAN JUAN (72127)	00920 00								
				00	PJ RP EM REM	1	09/17/2011	09/26/2011	S	EPA Ovrsght
				00	BB PRP RV	1	09/26/2011	01/27/2012	S	EPA Ovrsght
PRC200400901 0206503	BARRIO VIETNAM CHEMICAL DRUM STORAGE CALLE A NEAREST INTERSECTING STREET CALLE D GUAYNABO, PR GUAYNABO (72061)	00965 00,99								
				00	RV RMVL	1	09/30/2011	06/03/2012	C	EPA Perf
				00	BB PRP RV	1	06/01/2012	09/11/2013	C	EPA Ovrsght
PRD000632182 0206377	CARIBBEAN PETROLEUM CORP DRUM REMOVAL CARR.#28 KM.2 URBAN INDUSTRIAL LUCHETTI BAYAMON, PR BAYAMON (72021)	00961 00								
				00	RV RMVL	1	03/22/2010	05/08/2011	C	EPA Perf
				00	BB PRP RV	1	05/11/2011	09/09/2014	C	EPA Ovrsght

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PRD000689612 0204208	JAYUYA STP ROAD NO. 144 KM 19.7 JAYUYA, PR JAYUYA (72073)	00664								
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	BB	PRP RV	1	05/18/1999		S EPA Ovrsght
PRD000691709 0206599	PRASA YAUCO STP STATE ROAD 335 KM 1.1 YAUCO, PR YAUCO (72153)	00								
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ	RP EM REM	1	04/04/2012	04/12/2012	S EPA Ovrsght
PRD000692657 0204149	INDUSTRIAL SIDERURGICA INC. BARRIO PALMAS CATANO, PR CATANO (72033)	00962								
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS	DISCVRY	1	02/11/1998	02/11/1998	EPA Perf
				00	PA	PA	1	02/11/2003	09/29/2005	N EPA Perf
PRD000692756 0202456	PUERTO RICO OLEFINS CO P R OLEFINS CO PENUELAS, PR PENUELAS (72111)	00724								
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Referred to Removal - NFRAP FEDERAL FACILITY DOCKET IND: N						
				00	PA	PA	1	12/04/1987	12/28/1987	N St Perf
				00	DS	DISCVRY	1	12/04/1987	12/04/1987	St Perf
				00	VS	ARCH SITE	1	12/28/1987	12/28/1987	EPA Perf In-Hse
				00	VU	UNARCHIVE	1	03/21/2014	03/21/2014	EPA Perf
				00	BB	PRP RV	1	04/28/2014	09/30/2015	EPA Ovrsght
				00	PJ	RP EM REM	1	04/16/2018	04/27/2018	C EPA Ovrsght
				00	PJ	RP EM REM	2	09/17/2018	09/24/2018	C EPA Ovrsght

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PRD000767897 0203704	N.C.H. CORPORATION 65TH INFANTRY AVE. , KM. 12.5 P.R. INDUSTRIAL PARK, PR CAROLINA (72031)	00983			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	05/12/1992	05/12/1992		St Perf
				00	PA PA	1	09/01/1992	09/24/1992	H	St Perf
				00	SI SI	1	10/30/1996	09/30/1997	H	EPA Perf
				00	OO SITE REASS	1	08/07/2018	08/07/2018	H	EPA Perf
				00	OO SITE REASS	2	09/18/2019	09/18/2019	N	EPA Perf
PRD000831487 0202756	PROTECO ROAD 385 KM 4.4 BO TALLABOA PENUELAS, PR PENUELAS (72111)	00624 00	+18.015200 -66.700300 EPA HQ		NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	06/01/1981	06/01/1981		EPA Perf
				00	PA PA	1	09/30/1987	10/16/1987	N	St Perf
				00	VS ARCH SITE	1		10/16/1987		EPA Perf In- Hse
				00	VU UNARCHIVE	1	04/11/2017	04/11/2017		EPA Perf In- Hse
				00	OO SITE REASS	1	09/19/2017	09/19/2017	H	EPA Perf
				00	HR HAZRANK	1	05/17/2018	05/17/2018	O	EPA Perf
				00	NP PROPOSED	1	05/17/2018	05/17/2018		EPA Perf
				00	NF NPL FINL	1	05/15/2019	05/15/2019		EPA Perf
PRD090000068 0204145	ALUMINUM EXTRUSION CORPORATION STATE ROAD 185 KM. 0.65 CANOVANAS MUNICIPALITY, PR CANOVANAS (72029)	00729			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	02/02/1998	02/02/1998		St Perf
				00	PA PA	1		09/30/1998	H	St Perf

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				00	SI SI	1	04/06/1999	08/14/2001	L	St Perf
				00	OO SITE REASS	1		07/09/2007	N	St Perf
PRD090006339 0203294	HYATT DORADO BEACH HOTEL RD 693 KM 12.8 DORADO, PR DORADO (72051)	00646								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	05/13/1997	05/13/1997		EPA Perf In-Hse
				00	OO SITE REASS	1	08/16/2018	08/16/2018	N	EPA Perf In-Hse
PRD090023250 0204347	SMITHKLINE BEECHAM PHARMACEUTICALS INC. RT. 172, KM 9.1 CIDRA, PR CIDRA (72041)	00739								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	10/20/2000	10/20/2000		EPA Perf
				00	PA PA	1	09/25/2017	09/25/2017	H	EPA Perf
				00	SI SI	1	09/05/2018	09/05/2018	N	EPA Perf
PRD090141359 0203902	BECTON L DICKINSON OF P.R. STATE RD #31 KM 24.3 JUNCOS, PR	00777								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	PA PA	1	05/01/1994	06/09/1994	H	St Perf
				00	DS DISCVRY	1	05/01/1994	05/01/1994		St Perf
				00	SI SI	1	10/01/1997	03/23/2000	L	St Perf
				00	OO SITE REASS	1		03/31/2009	N	St Perf

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PRD090282757 0202464	GE WIRING DEVICES KM 67 CARRETERA NO 149 JUANA DIAZ, PR	00795 98	18.059439 -66.508889 EPA HQ	NPL STATUS: D FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	06/01/1981	06/01/1981		EPA Perf
				00 PA PA	1	04/01/1982	04/01/1982	L	St Perf
				00 SI SI	1	12/01/1982	12/01/1982	H	EPA Perf
				00 HR HAZRANK	1	12/01/1982	12/01/1982		EPA Perf
				00 NP PROPOSED	1	12/30/1982	12/30/1982		EPA Perf
				00 NF NPL FINL	1	09/08/1983	09/08/1983		EPA Perf
				00 CR CI	1	01/16/1984	12/30/2000		EPA Perf
				00 RS RV ASSESS	1	07/11/1990	09/11/1990	S	EPA Perf
				00 MA ST COOP	1	09/19/1991	01/14/2002		EPA Perf
				00 RS RV ASSESS	2	09/22/1992	09/23/1992	S	EPA Perf
				00 CQ CLSOUT R	1	06/20/2000	06/20/2000		EPA Perf
				00 TU NOID	1	08/17/2000	08/17/2000		EPA Perf
				00 ND DELETION	1	10/16/2000	10/16/2000		EPA Perf
				01 BD PRP RI/FS	1	01/16/1984	09/30/1988		EPA Ovrsght
				01 RO ROD	1	09/30/1988	09/30/1988		EPA Perf
				01 RD RD	1	09/30/1988	07/30/1991		EPA Perf
				01 BE PRP RD	1	04/23/1990	05/30/1991		EPA Ovrsght
				01 TS TRTSTUDY	2	03/30/1991	09/30/1991	U	EPA Perf
				01 BF PRP RA	1	05/30/1991	03/31/1993		EPA Ovrsght
				01 ED R/H ASMT	1	06/07/1993	09/30/1993		EPA Perf
				02 BE PRP RD	2	09/14/1994	02/22/1996		EPA Ovrsght
				02 BF PRP RA	2	02/22/1996	05/26/2000		EPA Ovrsght
PRD090290685 0205848	PAPELERA PUERTORRIQUENA, INC. RD 111 KM 1.8, VIVI ABAJO WARD UTUADO, PR	00641 98	18.265194 -66.694908 EPA HQ	NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1		10/01/2005		St Perf
				00 PA PA	1	10/01/2005	03/23/2006	H	St Perf

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				00	SI SI	1		06/24/2008	H	St Perf		
				00	PJ RP EM REM	1	07/24/2008	08/27/2008	S	EPA Ovrsght		
				00	NP PROPOSED	1		04/09/2009		EPA Perf		
				00	HR HAZRANK	1		04/09/2009		EPA Perf		
				00	NF NPL FINL	1		09/23/2009		EPA Perf		
				01	CO RI/FS	1	09/21/2009	09/29/2017		EPA Perf		
				01	MA ST COOP	1	09/05/2012			EPA Perf		
				01	RO ROD	1	09/29/2017	09/29/2017	R	EPA Perf		
				01	RD RD	1	05/24/2018			EPA Perf		
PRD090370537 0202466	RCA DEL CARIBE PR RD #2 KM 59.5 BARCELONETA, PR	00617 98	+18.430000 -66.580561 EPA HQ	NPL STATUS: D FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N								
				00	DS DISCVRY	1	05/01/1981	05/01/1981		EPA Perf		
				00	PA PA	1	09/01/1982	09/01/1982	L	St Perf		
				00	SI SI	1	12/01/1982	12/01/1982	H	EPA Perf		
				00	HR HAZRANK	1	12/01/1982	12/01/1982		EPA Perf		
				00	NP PROPOSED	1	12/30/1982	12/30/1982		EPA Perf		
				00	NF NPL FINL	1	09/08/1983	09/08/1983		EPA Perf		
				00	EL PRP CR	1	04/15/1988	08/16/1994		EPA Ovrsght		
				00	RS RV ASSESS	1	07/12/1990	09/11/1990	S	EPA Perf		
				00	MA ST COOP	1	09/16/1991	07/31/1995		EPA Perf		
				00	RS RV ASSESS	2	09/22/1992	09/24/1992	S	EPA Perf		
				00	CM PCOR	1	09/05/2000	09/05/2000		EPA Perf		
				00	TU NOID	1	04/18/2005	04/18/2005		EPA Perf		
				00	ND DELETION	1	06/17/2005	06/17/2005		EPA Perf		
				01	BD PRP RI/FS	1	03/31/1988	09/30/1994		EPA Ovrsght		
				01	ED R/H ASMT	1	04/19/1994	09/30/1994		EPA Perf		
				01	RO ROD	1	09/30/1994	09/30/1994	R	EPA Perf		
PRD090386897 0202467	UNION CARBIDE FILMS PACKAGING INC HWY 2 KM 56.7 CRUZE DAVILA CRUCE DAVILA, PR BARCELONETA (72017)	00617		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N								



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				00	DS DISCVRY	1	05/18/1981	05/18/1981		St Perf
				00	PA PA	1	09/01/1984	10/10/1984	L	St Perf
				00	VS ARCH SITE	1		09/01/1985		EPA Perf In-Hse
				00	SI SI	1		09/01/1985	N	EPA Perf
				00	ES ESI	1	10/14/2004	08/04/2005	N	St Perf
PRD090399718 0202468	INLAND CHEMICAL OF PUERTO RICO INC KM 52 HWY 2 MANATI, PR MANATI (72091)	00701								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	05/01/1981	05/01/1981		EPA Perf
				00	PA PA	1	12/30/1986	01/07/1987	N	St Perf
				00	PA PA	2	09/01/1987	09/21/1987	N	EPA Perf
				00	VS ARCH SITE	1		09/21/1987		EPA Perf In-Hse
				00	PJ RP EM REM	1	04/09/2008	08/04/2008	S	EPA Ovrsght
				00	VU UNARCHIVE	1		04/11/2008		EPA Perf In-Hse
PRD090426180 0206583	METALOR ROAD 992, KM 0.3, LOT #2 LUQUILLO, PR LUQUILLO (72089)	00773 00								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
				00	PJ RP EM REM	1	07/17/2012	07/20/2012	S	EPA Ovrsght
PRD090450255 0202719	PRIDCO BUILDING NOS. T-1302-0-80 SEE SITE DESCRIPTION Road 735 CAYEY, PR CAYEY (72035)	00736								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					

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				00	DS DISCVRY	1	10/01/2015	10/01/2015		EPA Perf
				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	07/28/2016	07/28/2016	H	St Perf
				00	SI SI	1	09/21/2017	09/21/2017	N	EPA Perf
PRD090473398 0205849	CLOROX COMPANY OF PUERTO RICO, THE RD. 798, KM 0.9, RIO CANAS WARD CAGUAS, PR CAGUAS (72025)	00725								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	10/01/2005	10/01/2005		St Perf
				00	PA PA	1		02/15/2006	H	St Perf
				00	SI SI	1		06/24/2008	H	St Perf
				00	OO SITE REASS	1	07/30/2018	07/30/2018	H	EPA Perf
				00	OO SITE REASS	2	09/20/2019	09/20/2019	N	EPA Perf
PRD090522756 0202898	INDUSTRIAL CHEMICAL CORPORATION ROAD 127, KM 19.1, TALLABOA PONIENTE PENUELAS, PR TALLABOA PONIENTE, PR PENUELAS (72111)	00624								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	PA PA	1	01/01/1989	03/01/1989	N	St Perf
				00	DS DISCVRY	1	01/10/1989	01/10/1989		St Perf
				00	VS ARCH SITE	1		03/01/1989		EPA Perf In-Hse
PRD090565631 0202473	CARIBE BIOCHEMICALS INC STATE RD 686 KM 2.3 MANATI, PR MANATI (72091)	00701								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	06/01/1981	06/01/1981		EPA Perf
				00	PA PA	1	01/01/1985	01/01/1985	L	St Perf

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				00	SI SI	1	07/10/1989	09/27/1989	H	EPA Perf
PRD090567900 0202704	PRIDCO BUILDING NO. S-1288-0-80 Luis Munoz Marin Ave., Rd. 15 Km 25.4 CAYEY, PR CAYEY (72035)	00736			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	10/01/2015	10/01/2015		EPA Perf
				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	07/28/2016	07/28/2016	H	EPA Perf
				00	SI SI	1	05/09/2017	05/09/2017	N	EPA Perf
PRD090592544 0203286	QUALITY ELECTROPLATING STATE ROAD #1. KM. 34.2 VILLA BLANCA CAGUAS, PR CAGUAS (72025)	00625			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	02/03/1990	02/03/1990		St Perf
				00	PA PA	1	08/13/1990	09/27/1990	L	St Perf
				00	SI SI	1		12/13/1999	H	EPA Perf
				00	ES ESI	1	10/08/2003	09/11/2006	N	EPA Perf In- Hse
PRD091171264 0203717	OCHOA FERTILIZER CO PR-333 KM 1.9 GUANICA, PR GUANICA (72055)	00653			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Assessment Complete - Decision Needed FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	06/29/1992	06/29/1992		St Perf
				00	PA PA	1	10/01/1993	09/07/1994	L	St Perf
				00	SI SI	1	10/01/1997	06/25/2001	L	St Perf
				00	OO SITE REASS	1	08/29/2018	08/29/2018	H	EPA Perf
				00	OO SITE REASS	2	09/25/2019	09/25/2019	G	EPA Perf

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PRD091198366 0204341	MILLIPORE CIDRA INC. RT. 172, KM 7.6 CIDRA, PR CIDRA (72041)	00639		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Deferred to RCRA (Subtitle C) FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	10/20/2000	10/20/2000		EPA Perf
				00 PA PA	1	07/12/2002	03/13/2003	H	EPA Perf
				00 SI SI	1		08/31/2005	H	EPA Perf
PRD104097852 0206394	LH CARIBE INC. CARR # 735 KM 2.1 URB. VICKS DRIVE CAYEY, PR	00736		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00 HX PRE-CERC	1	10/01/2009	05/02/2010		EPA Perf
				00 DS DISCVRY	1	05/02/2010	05/02/2010		EPA Perf
				00 PA PA	1	04/19/2011	04/19/2011	H	EPA Perf
				00 SI SI	1	11/07/2011	11/07/2011	N	EPA Perf
				00 OO SITE REASS	1	07/15/2015	07/15/2015	N	EPA Perf
PRD980301154 0202480	UPJOHN FACILITY RTE 2 BARCELONETA, PR BARCELONETA (72017)	00617 98	+18.429200 -066.590100 EPA HQ	NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	07/01/1982	07/01/1982		St Perf
				00 BB PRP RV	1	09/01/1982	09/01/1983	S	EPA Ovrsght
				00 PA PA	1	09/01/1982	09/01/1982	L	St Perf
				00 SI SI	1	09/01/1983	09/01/1983	H	EPA Perf
				00 NP PROPOSED	1	09/08/1983	09/08/1983		EPA Perf
				00 NF NPL FINL	1	09/21/1984	09/21/1984		EPA Perf
				00 EL PRP CR	1	06/26/1987	09/30/1998		EPA Ovrsght
				00 RS RV ASSESS	1	07/12/1990	09/11/1990	S	EPA Perf
				00 MA ST COOP	1	09/16/1991	05/30/2006		EPA Perf
				00 RS RV ASSESS	2	09/22/1992	09/24/1992	S	EPA Perf

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				00	FE 5 YEAR	1	11/18/1996	11/18/1996		EPA Perf In-Hse		
				00	FE 5 YEAR	2	09/09/1998	09/09/1998		EPA Perf In-Hse		
				00	CM PCOR	2	09/09/1998	09/09/1998		EPA Perf		
				00	FE 5 YEAR	3	09/29/2003	09/29/2003		EPA Perf In-Hse		
				00	FE 5 YEAR	4	09/25/2008	09/25/2008		EPA Perf In-Hse		
				00	FE 5 YEAR	5	09/26/2013	09/26/2013		EPA Perf In-Hse		
				00	FE 5 YEAR	6	09/11/2018	09/11/2018		EPA Perf In-Hse		
				01	BD PRP RI/FS	1	06/26/1987	09/30/1988		EPA Ovrsght		
				01	AR ADMIN REC	1	07/07/1988		E	EPA Ovrsght		
				01	RO ROD	1	09/30/1988	09/30/1988	R	EPA Perf		
				01	BF PRP RA	1	04/19/1989	12/23/1998		EPA Ovrsght		
				01	BE PRP RD	1	05/09/1989	02/11/1992		EPA Ovrsght		
				01	BE PRP RD	2	05/09/1989	09/30/1993		EPA Ovrsght		
				01	BF PRP RA	2	02/11/1992	01/19/1999		EPA Ovrsght		
				01	ME PRP LR	1	01/19/1999	01/19/2009		EPA Ovrsght		
PRD980509129 0202486	BARCELONETA LANDFILL ROAD # 666,FLORIDA AFUERA WARD FLORIDA AFUERA, PR	00617 98	+18.410550 -66.547781 EPA HQ	NPL STATUS: D FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N								
				00	DS DISCVRY	1	05/01/1981	05/01/1981		EPA Perf		
				00	PA PA	1	07/01/1981	07/01/1981	L	St Perf		
				00	SI SI	1	12/01/1982	12/01/1982	H	EPA Perf		
				00	HR HAZRANK	1	12/01/1982	12/01/1982		EPA Perf		
				00	NP PROPOSED	1	12/30/1982	12/30/1982		EPA Perf		
				00	NF NPL FINL	1	09/08/1983	09/08/1983		EPA Perf		
				00	FP FPA	1	06/26/1984	06/26/1984		EPA Perf		
				00	EL PRP CR	1	08/30/1988	11/09/2001		EPA Ovrsght		
				00	RS RV ASSESS	1	07/10/1990	09/11/1990	S	EPA Perf		

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				00	RS RV ASSESS	2	09/22/1992	09/24/1992	S	EPA Perf
				00	CM PCOR	1	09/27/2000	09/27/2000		EPA Perf
				00	FE 5 YEAR	1	08/11/2005	08/11/2005		EPA Perf
				00	FE 5 YEAR	2	08/30/2010	08/30/2010		EPA Perf
				00	ND DELETION	1	01/30/2011	10/03/2011		EPA Perf
				00	CQ CLSOUT R	1	08/08/2011	08/08/2011		EPA Perf
				00	TU NOID	1	08/18/2011	08/18/2011		EPA Perf
				00	FE 5 YEAR	3	09/17/2015	09/17/2015		EPA Perf
				01	CO RI/FS	1	08/30/1988	09/28/1990		EPA Perf
				01	BD PRP RI/FS	1	09/28/1990	07/05/1996		EPA Ovrsght
				01	RO ROD	1	07/05/1996	07/05/1996	R	EPA Perf
				01	BE PRP RD	1	01/08/1998	09/17/1999		EPA Ovrsght
				01	BF PRP RA	1	09/17/1999	11/08/2001	FR	EPA Ovrsght
				01	OM OM	1	11/08/2001			EPA Ovrsght
PRD980512065 0202488	BAYAMON WASTE DISPOSAL STATE ROAD 865 SABANA SECA WARD, PR TOA ALTA (72135)	00759		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Deferred to RCRA (Subtitle C) FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	05/01/1981	05/01/1981		EPA Perf
				00	PA PA	1	05/01/1984	06/01/1984	L	St Perf
				00	SI SI	1		09/01/1985	L	EPA Perf
				00	RS RV ASSESS	1	01/11/1999	08/31/1999		EPA Perf
				00	OO SITE REASS	1		07/03/2007	D	EPA Perf In-Hse
PRD980512362 0202511	JUNCOS LANDFILL BO CEIBA NORTE, ROAD 189 JUNCOS, PR JUNCOS (72077)	00777 98	+18.223200 -065.908700 EPA HQ	NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	05/01/1981	05/01/1981		EPA Perf
				00	PA PA	1	04/01/1982	04/01/1982	L	EPA Perf
				00	SI SI	1	12/01/1982	12/01/1982	H	EPA Perf

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				00	HR HAZRANK	1	12/01/1982	12/01/1982		EPA Perf
				00	NP PROPOSED	1	12/30/1982	12/30/1982		EPA Perf
				00	NF NPL FINL	1	09/08/1983	09/08/1983		EPA Perf
				00	RS RV ASSESS	1	07/11/1990	09/11/1990	S	EPA Perf
				00	MA ST COOP	1	09/16/1991	01/09/2007		EPA Perf
				00	BB PRP RV	1	09/30/1991	10/21/1991	S	EPA Ovrsght
				00	RS RV ASSESS	2	09/22/1992	09/23/1992	S	EPA Perf
				00	MA ST COOP	2	09/29/2000	09/19/2007		EPA Perf
				00	CM PCOR	1	09/19/2005	09/19/2005		EPA Perf
				00	FE 5 YEAR	1	04/01/2009	04/01/2009		EPA Perf
				00	FE 5 YEAR	2	08/13/2014	08/13/2014		EPA Perf
				00	FE 5 YEAR	5	09/19/2019	09/19/2019		EPA Perf
				01	CO RI/FS	1	09/28/1983	10/09/1984		EPA Perf
				01	BD PRP RI/FS	1	10/09/1984	09/24/1991		EPA Ovrsght
				01	ED R/H ASMT	1	06/07/1990	09/24/1991		EPA Ovrsght
				01	JF ECO RISK	1	03/09/1991	03/09/1991		EPA Perf
				01	AR ADMIN REC	1	06/21/1991		E	EPA Perf
				01	RO ROD	1	09/24/1991	09/24/1991		EPA Perf
				01	BE PRP RD	1	12/21/1992	09/29/2000		EPA Ovrsght
				01	BF PRP RA	1	09/29/2000	09/09/2008	FR	EPA Ovrsght
				01	RA RA	1	05/14/2001	01/08/2007	FR	EPA Perf
				02	BD PRP RI/FS	2	11/30/1990	10/05/1993		EPA Ovrsght
				02	AR ADMIN REC	2	06/24/1993		E	EPA Ovrsght
				02	RO ROD	2	10/05/1993	10/05/1993	R	EPA Perf
				02	GM GWTRMON	1	01/18/1999			EPA Ovrsght
PRD980512578 0202525	RIO GRANDE SOLID WASTE DISPOSAL ROAD 967 KM 2.0 3T SECTOR, JIMENEZ WARD, PR RIO GRANDE (72119)	00745			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	05/01/1981	05/01/1981		EPA Perf
				00	PA PA	1	01/01/1985	01/01/1985	L	St Perf
				00	VS ARCH SITE	1		06/29/1989		EPA Perf In-Hse

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				00	SI SI	1		06/29/1989	N	EPA Perf
				00	VU UNARCHIVE	1		03/29/2006		EPA Perf In-Hse
PRD980512669 0202533	VEGA BAJA SOLID WASTE DISPOSAL ROAD 674, KM 2 RIO ABAJO WARD, PR VEGA BAJA (72145)	00693 98	18.434306 -66.389722 EPA HQ		NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	05/01/1981	05/01/1981		EPA Perf
				00	PA PA	1	01/01/1985	01/01/1985	L	St Perf
				00	SI SI	1	09/18/1995	09/18/1995	H	St Perf
				00	ES ESI	1	01/15/1996	09/26/1997	G	St Perf
				00	RS RV ASSESS	1	12/17/1997	08/18/1999		EPA Perf
				00	HR HAZRANK	1	02/12/1999	02/12/1999	O	EPA Perf
				00	NP PROPOSED	1	04/23/1999	04/23/1999		EPA Perf
				00	NF NPL FINL	1	07/22/1999	07/22/1999		EPA Perf
				00	RV RMVL	1	10/08/1999	08/01/2001	S	EPA Perf
				00	RV RMVL	2	01/28/2011	03/30/2011	S	EPA Perf
				00	CM PCOR	1	08/10/2016	08/10/2016		EPA Perf
				01	CO RI/FS	1	09/30/1999	04/06/2004		EPA Perf
				01	MA ST COOP	1	09/30/1999	09/30/2004		EPA Perf
				01	RO ROD	1	04/06/2004	04/06/2004		EPA Perf
				02	CO RI/FS	2	09/29/2001	05/01/2003		EPA Perf
				02	BD PRP RI/FS	1	05/01/2003	09/30/2010		EPA Ovrsght
				02	MA ST COOP	2	09/28/2007			EPA Perf
				02	RO ROD	2	09/30/2010	09/30/2010	R	EPA Perf
				02	BE PRP RD	1	09/30/2011	09/26/2013		EPA Ovrsght
				02	BF PRP RA	1	09/26/2013	09/28/2016		EPA Ovrsght
PRD980512677 0202534	VEGA BAJA SLD WASTE DSPL 1.5 KMS INTERSECT RDS 690/693 CIBUCO WARD, PR VEGA BAJA (72145)	00763			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Other Cleanup Activity - Municipal/Other Government Lead Cleanup FEDERAL FACILITY DOCKET IND: N					



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				00	DS DISCVRY	1	05/01/1981	05/01/1981		EPA Perf
				00	PA PA	1	01/01/1985	01/01/1985	L	St Perf
				00	SI SI	1	10/01/1991	01/25/1996	L	EPA Perf
				00	OO SITE REASS	1	09/14/2018	09/14/2018	H	EPA Perf
PRD980536049 0203140	JANSSEN INC. CARR 933 KM01 BARRIO MAMEY GURABO, PR GURABO (72063)	00658			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Remedial Activities Under EPA Enforcement FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	03/31/1989	03/31/1989		St Perf
				00	PA PA	1		12/18/1989	L	St Perf
				00	BB PRP RV	1	08/30/1991		S	EPA Ovrsght
				00	CM PCOR	1		05/12/2000		EPA Perf
				00	FE 5 YEAR	1		09/06/2005		EPA Perf
				01	BD PRP RI/FS	1	09/26/1990	09/30/1993		EPA Ovrsght
				01	BF PRP RA	1	09/22/1991	03/19/1993		EPA Ovrsght
				01	BE PRP RD	1	09/30/1992	03/31/1993		EPA Ovrsght
				01	AR ADMIN REC	1	08/03/1993		E	EPA Ovrsght
				01	RO ROD	1		09/30/1993		EPA Perf
				02	BF PRP RA	2	12/12/1994	07/03/1996		EPA Ovrsght
				02	BE PRP RD	2		12/12/1994		EPA Ovrsght
				03	BD PRP RI/FS	2	03/28/1991	09/30/1997		EPA Ovrsght
				03	RO ROD	2		09/30/1997		EPA Perf
				03	BE PRP RD	3	05/21/1999			EPA Ovrsght
				03	BF PRP RA	3		08/27/2009	FR	EPA Ovrsght
PRD980640924 0202546	JUANA DIAZ SWD RD 510 JUANA DIAZ JUANA DIAZ, PR JUANA DIAZ (72075)	00665			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	10/01/1987	10/01/1987		St Perf
				00	PA PA	1	03/01/1988	03/15/1988	L	St Perf
				00	SI SI	1	10/01/1995	10/30/1998	H	St Perf

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				00	OO SITE REASS	1		04/09/2009	N	St Perf
PRD980640957 0202549	PONCE WASTE DISPOSAL CANAS WARD PONCE, PR PONCE (72113)	00731			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	05/01/1981	05/01/1981		EPA Perf
				00	PA PA	1	06/01/1984	07/01/1984	L	St Perf
				00	SI SI	1	09/21/1988	09/28/1988	L	EPA Perf
				00	OO SITE REASS	1	10/01/2004	11/17/2005	N	St Perf
PRD980640965 0202550	FRONTERA CREEK RIO ABAJO NEAR ROUTE 3, KM 76.9 - 78.6 RIO ABAJO, PR HUMACAO (72069)	00661 98	+18.151950 -65.790281 EPA HQ		NPL STATUS: D FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	07/01/1981	07/01/1981		EPA Perf
				00	PA PA	1	09/01/1981	09/01/1981	L	St Perf
				00	HR HAZRANK	1	12/01/1982	12/01/1982		EPA Perf
				00	SI SI	1	12/01/1982	12/01/1982	H	EPA Perf
				00	NP PROPOSED	1	12/30/1982	12/30/1982		EPA Perf
				00	NF NPL FINL	1	09/08/1983	09/08/1983		EPA Perf
				00	FP FPA	2	06/26/1984	06/26/1984		EPA Perf
				00	FP FPA	1	06/20/1985	06/20/1985		EPA Perf
				00	CR CI	1	08/15/1987	12/28/1999		EPA Perf
				00	RS RV ASSESS	1	07/11/1990	09/11/1990	S	EPA Perf
				00	MA ST COOP	1	09/16/1991	09/10/2001		EPA Perf
				00	RS RV ASSESS	2	09/22/1992	09/23/1992	S	EPA Perf
				00	CQ CLSOUT R	1	09/30/1997	09/30/1997		EPA Perf
				00	TU NOID	2	07/30/1998	07/30/1998		EPA Perf
				00	ND DELETION	1	07/30/1998	12/29/1998		EPA Perf
				01	CO RI/FS	1	06/20/1985	10/03/1985		EPA Perf
				01	BD PRP RI/FS	1	10/03/1986	09/30/1991		EPA Ovrsght
				01	ED R/H ASMT	1	02/22/1991	02/22/1991		EPA Ovrsght

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				01	JF ECO RISK	1	02/22/1991	02/22/1991		St Perf
				01	AR ADMIN REC	1	08/15/1991		E	EPA Perf
				01	RO ROD	1	09/30/1991	09/30/1991	R	EPA Perf
				01	BE PRP RD	1	08/19/1992	12/27/1994		EPA Ovrsght
				01	BF PRP RA	1	12/27/1994	07/28/1995		EPA Ovrsght
PRD980641039 0202556	ARECIBO WASTE DISPOSAL STATE ROAD #282 KM 10.7 FACTOR WARD, PR ARECIBO (72013)	00612			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Other Cleanup Activity - Municipal/Other Government Lead Cleanup FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	05/01/1981	05/01/1981		EPA Perf
				00	PA PA	1	05/01/1984	06/01/1984	L	St Perf
				00	SI SI	1		09/01/1985	L	EPA Perf
				00	OO SITE REASS	1	07/16/2018	07/16/2018	H	EPA Perf
PRD980763775 0202558	VEGA ALTA PUBLIC SUPPLY WELLS HIGHWAY 2 VEGA ALTA, PR	00692 98	18.418061 -66.330281 EPA HQ		NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	07/01/1982	07/01/1982		St Perf
				00	PA PA	1	09/01/1982	09/01/1982	L	St Perf
				00	HR HAZRANK	1	06/07/1983	06/07/1983	O	EPA Perf
				00	SI SI	1	09/01/1983	09/01/1983	H	EPA Perf
				00	NP PROPOSED	1	09/08/1983	09/08/1983		EPA Perf
				00	CR CI	1	04/01/1984			EPA Perf
				00	EL PRP CR	2	04/01/1984			EPA Ovrsght
				00	NF NPL FINL	1	09/21/1984	09/21/1984		EPA Perf
				00	TG TA GRANT	1	08/03/1989	07/14/1992		EPA Perf
				00	RS RV ASSESS	1	07/12/1990	09/11/1990	S	EPA Perf
				00	MA ST COOP	1	09/16/1991	09/30/2003		EPA Perf
				00	RS RV ASSESS	2	09/22/1992	09/24/1992	S	EPA Perf
				00	MA ST COOP	2	03/22/1996	09/30/2003		EPA Perf
				00	FE 5 YEAR	1	04/19/1999	04/19/1999		EPA Perf

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				00	CM PCOR	1	03/25/2003	03/25/2003		EPA Perf		
				00	FE 5 YEAR	2	08/18/2004	08/18/2004		EPA Perf		
				00	FE 5 YEAR	3	08/19/2009	08/19/2009		EPA Perf		
				00	FE 5 YEAR	5	09/23/2014	09/23/2014		EPA Perf		
				00	FE 5 YEAR	6	09/23/2019	09/23/2019		EPA Perf		
				01	CO RI/FS	1	04/01/1984	09/29/1987		EPA Perf		
				01	RO ROD	1	09/29/1987	09/29/1987		EPA Perf		
				01	BE PRP RD	1	04/27/1989	03/19/1992		EPA Ovrsght		
				01	BF PRP RA	1	09/18/1992	09/26/2003	IR	EPA Ovrsght		
				01	ME PRP LR	1	09/26/2003	09/30/2013		EPA Ovrsght		
				01	OM OM	1	09/30/2013			EPA Ovrsght		
				02	CO RI/FS	2	09/20/1988	10/23/1990		EPA Perf		
				02	BD PRP RI/FS	1	10/23/1990	09/30/1997		EPA Ovrsght		
				02	ED R/H ASMT	1	12/31/1992	12/07/1995		EPA Perf		
				02	RO ROD	2	09/30/1997	09/30/1997	R	EPA Perf		
				02	BE PRP RD	2	10/28/1998	11/08/2000		EPA Ovrsght		
				02	BF PRP RA	2	11/08/2000	09/25/2008	FR	EPA Ovrsght		
PRD980763783 0202559	FIBERS PUBLIC SUPPLY WELLS RTE 3 JOBOS, PR	00784 98	+17.963200 -066.146100 EPA HQ	NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N								
				00	DS DISCVRY	1	07/01/1982	07/01/1982		St Perf		
				00	PA PA	1	09/01/1982	09/01/1982	L	St Perf		
				00	SI SI	1	09/01/1983	09/01/1983	H	EPA Perf		
				00	NP PROPOSED	1	09/08/1983	09/08/1983		EPA Perf		
				00	FP FPA	1	06/26/1984	09/30/1985		EPA Perf		
				00	NF NPL FINL	1	09/21/1984	09/21/1984		EPA Perf		
				00	EL PRP CR	1	06/20/1986			EPA Ovrsght		
				00	RS RV ASSESS	1	07/10/1990	09/11/1990	S	EPA Perf		
				00	MA ST COOP	1	09/16/1991	09/12/2007		EPA Perf		
				00	RS RV ASSESS	2	09/22/1992	09/23/1992	S	EPA Perf		
				00	CM PCOR	1	09/16/1999	09/16/1999		EPA Perf		
				00	TG TA GRANT	1	09/30/1999	06/26/2003		EPA Perf		

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				00	FE 5 YEAR	1	09/30/2004	09/30/2004		EPA Perf
				00	FE 5 YEAR	2	09/22/2009	09/22/2009		EPA Perf
				00	FE 5 YEAR	3	09/23/2014	09/23/2014		EPA Perf In-Hse
				00	FE 5 YEAR	7	08/22/2019	08/22/2019		EPA Perf
				01	CO RI/FS	1	09/30/1985	12/27/1985		EPA Perf
				01	BD PRP RI/FS	1	12/27/1985	09/30/1991		EPA Ovrsght
				01	ED R/H ASMT	1	08/09/1990	08/09/1990		EPA Perf
				01	JF ECO RISK	1	08/09/1990	08/09/1990		EPA Perf
				01	AR ADMIN REC	1	08/15/1991		E	EPA Perf
				01	RO ROD	1	09/30/1991	09/30/1991	R	EPA Perf
				01	BE PRP RD	1	09/25/1992	09/28/1993		EPA Ovrsght
				01	BE PRP RD	2	11/18/1992	09/28/1995		EPA Ovrsght
				01	BF PRP RA	1	09/28/1993	05/03/1994		EPA Ovrsght
				01	BF PRP RA	2	09/28/1995	09/20/2000		EPA Ovrsght
				01	ME PRP LR	1	06/12/1999	09/12/2009		EPA Ovrsght
				01	OM OM	1	06/12/2009			EPA Ovrsght
PRD981136559 0202562	CAMBALACHE NATIONAL FOREST ROAD # 682, KM. 6.5, GARROCHALES WARD ARECIBO, PR ARECIBO (72013)	00612		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	07/01/1985	07/01/1985		EPA Perf
				00	PA PA	1	07/01/1985	08/01/1985	L	EPA Perf
				00	SI SI	1		09/17/1985	H	EPA Perf
				00	RS RV ASSESS	1	09/21/1994	06/02/1995		EPA Perf
				00	RS RV ASSESS	2	06/19/1997	06/19/1997		EPA Perf
				00	OO SITE REASS	1		03/31/2009	N	EPA Perf
PRD981567183 0206059	EATON CUTLER-HAMMER ELECTRICAL CO., FORMER ROAD 103, KM 7.4 CABO ROJO, PR CABO ROJO (72023)	00623		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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				00	DS DISCVRY	1	02/22/2007	02/22/2007		EPA Perf
				00	HX PRE-CERC	1		02/22/2007		EPA Perf
				00	PA PA	1	03/07/2007	04/26/2007	H	EPA Perf
				00	SI SI	1	04/26/2007	02/06/2008	N	EPA Perf
PRD981877806 0202564	PUERTO DE JOBOS/POZUELO STATE ROAD #7710 LAS MAREAS GUAYAMA, PR GUAYAMA (72057)	00655								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Referred to Removal - Needs Further Remedial Assessment FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	08/26/1986	08/26/1986		EPA Perf
				00	PA PA	1	12/02/1987	12/28/1987	L	St Perf
				00	SI SI	1	06/28/1988	06/29/1988	L	EPA Perf
				00	SI SI	1	06/28/1988	06/29/1988	L	EPA Perf
				00	OO SITE REASS	1	10/01/2004	09/21/2006	L	St Perf
				00	OO SITE REASS	2	09/18/2018	09/18/2018	F	EPA Perf
PRD982187437 0202567	CARIBE PAINT CORP. CONCEPTION ROAD STATE ROAD #1 KM 27.4, INTERIOR CAGUAS, PR CAGUAS (72025)	00923								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	09/10/1980	09/10/1980		EPA Perf
				00	PA PA	1	12/10/1987	12/28/1987	L	St Perf
				00	SI SI	1	06/30/1989	06/30/1989	H	EPA Perf
				00	RS RV ASSESS	1	01/11/1999	09/30/1999		EPA Perf
				00	BB PRP RV	1	09/30/1999		P	EPA Ovrsght
				00	OO SITE REASS	1	10/01/2003	12/29/2009	L	St Perf
				00	ES ESI	1	07/27/2011	07/27/2011	N	EPA Perf
				00	OO SITE REASS	2	07/14/2015	07/14/2015	N	EPA Perf

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PRD982276412 0202643	DORADO MUNICIPAL LF ROAD 693 DORADO, PR DORADO (72051)	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: ESI Start Needed FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	09/18/1987	09/18/1987		St Perf
				00 PA PA	1	03/01/1988	03/19/1988	L	St Perf
				00 SI SI	1	10/01/1995	05/07/2003	L	St Perf
PRD982279788 0204073	CENTRAL ROIG SUGAR MILLS STATE ROAD #3, KM. 94.6 JUAN MARTIN WARD, YABUCOA, PR YABUCOA (72151)	00767		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Referred to Removal - NFRAP FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	10/17/1996	10/17/1996		St Perf
				00 PA PA	1	09/30/1998	09/30/1998	N	St Perf
				00 VS ARCH SITE	1	10/21/1998	10/21/1998		EPA Perf In-Hse
				00 VU UNARCHIVE	1	06/14/2012	06/14/2012		EPA Perf In-Hse
				00 BB PRP RV	1	11/17/2014	04/01/2015	C	EPA Ovrsght
PRD982791220 0204274	MANUEL DEL VALLE. INC. (MDV) STATE ROAD2, KM 20.5 CANDELARIA WARD TOA BAJA, PR	00759		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	04/25/2000	04/25/2000		EPA Perf
				00 SI SI	1	07/31/2000	06/16/2001	L	St Perf
				00 PA PA	1		07/31/2000	H	St Perf
				00 HX PRE-CERC	1		07/31/2000		St Perf
				00 OO SITE REASS	1	07/27/2018	07/27/2018	H	EPA Perf
				00 OO SITE REASS	2	09/10/2019	09/10/2019	N	EPA Perf

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PRD987366101 0202869	V&M/ALBALADEJO ROAD 160 ALMIRANTE NORTE WARD, PR VEGA BAJA (72145)	00693 98	+18.410000 -066.380000 EPA HQ	NPL STATUS: D FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	09/19/1988	09/19/1988		St Perf
				00	PA PA	1	10/25/1988	10/25/1988	L	St Perf
				00	SI SI	1	07/10/1989	09/27/1989	H	EPA Perf
				00	HR HAZRANK	1	06/19/1992	06/19/1992		EPA Perf
				00	RS RV ASSESS	1	09/21/1994	09/21/1994		EPA Perf
				00	RV RMVL	1	02/06/1996	06/24/1998	C	EPA Perf
				00	NP PROPOSED	1	06/17/1996	06/17/1996		EPA Perf
				00	NF NPL FINL	1	12/23/1996	12/23/1996		EPA Perf
				00	MA ST COOP	1	09/29/1998	09/10/2007		EPA Perf
				00	CQ CLSOUT R	1	09/29/2000	09/29/2000		EPA Perf
				00	TU NOID	1	08/21/2001	08/21/2001		EPA Perf
				00	ND DELETION	1	10/22/2001	10/22/2001		EPA Perf
				01	AR ADMIN REC	1	03/01/1996	09/30/1996	V	EPA Perf
				01	CO RI/FS	1	09/30/1996	09/29/2000		EPA Perf
				01	RO ROD	1	09/29/2000	09/29/2000	R	EPA Perf
PRD987366705 0202899	HYDROELECTRIC PLANT COMERIO ROAD 167, EL SALTO WARD COMERIO, PR COMERIO (72045)	00642		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	PA PA	1	01/01/1989	03/01/1989	L	St Perf
				00	DS DISCVRY	1	01/10/1989	01/10/1989		St Perf
				00	SI SI	1	06/16/1994	09/30/1997	L	EPA Perf
				00	OO SITE REASS	1	09/13/2018	09/13/2018	N	EPA Perf
PRD987366721 0202775	DORADO ELECTROPLATING ROAD #2 KM 24.9 DORADO PR, PR DORADO (72051)	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Assessment Complete - Decision Needed FEDERAL FACILITY DOCKET IND: N						



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				00	PA PA	1	01/01/1989	03/01/1989	H	St Perf		
				00	DS DISCVRY	1	01/10/1989	01/10/1989		St Perf		
				00	SI SI	1	04/15/1998	05/13/2002	L	St Perf		
PRD987367299 0202979	PESTICIDE WAREHOUSE III ROAD 670 KM 3.7 PALO ALTO MANATI, PR MANATI (72091)	00674 98	18.429139 -066.458000 EPA HQ	NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N								
				00	PA PA	1	04/13/1989	06/30/1989	L	St Perf		
				00	DS DISCVRY	1	04/21/1989	04/21/1989		St Perf		
				00	SI SI	1	06/16/1994	09/30/1997	H	EPA Perf		
				00	HR HAZRANK	1	01/15/2002	01/15/2002	O	EPA Perf		
				00	NP PROPOSED	1	09/05/2002	09/05/2002		EPA Perf		
				00	NF NPL FINL	1	04/30/2003	04/30/2003		EPA Perf		
				00	MA ST COOP	1	09/28/2006			EPA Perf		
				00	MA ST COOP	2	09/27/2009			EPA Perf		
				01	CO RI/FS	1	09/30/2003	07/01/2005		EPA Perf		
				01	CO RI/FS	3	07/01/2005	09/30/2015		EPA Perf		
				01	BD PRP RI/FS	1	07/01/2005	07/01/2005		EPA Ovrsght		
				01	RO ROD	1	09/30/2015	09/30/2015		EPA Perf		
				01	RD RD	1	07/26/2016	09/25/2019		EPA Perf		
				02	RO ROD	2	09/30/2021	09/30/2019		EPA Perf		
				02	CO RI/FS	2	09/30/2003	09/26/2005		EPA Perf		
				02	CO RI/FS	4	09/26/2005	09/30/2019		EPA Perf		
				02	BD PRP RI/FS	2	09/26/2005	09/26/2005		EPA Ovrsght		
PRD987367349 0202985	PESTICIDE WAREHOUSE I ROAD # 2 KM 59.7 ARECIBO, PR ARECIBO (72013)	00612 98	18.435556 -066.600000 EPA HQ	NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N								
				00	DS DISCVRY	1	04/21/1989	04/21/1989		St Perf		
				00	PA PA	1	04/27/1989	06/30/1989	L	St Perf		

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				00	SI SI	1	06/16/1994	11/28/1997	L	EPA Perf
				00	HR HAZRANK	1	10/14/2003	09/23/2004	O	EPA Perf
				00	NP PROPOSED	1	09/23/2004	09/23/2004		EPA Perf
				00	NF NPL FINL	1	09/27/2006	09/27/2006		EPA Perf
				00	MA ST COOP	1	09/07/2012			EPA Perf
				01	BD PRP RI/FS	1	05/02/2007	08/06/2015		EPA Ovrsght
				01	CO RI/FS	1	08/06/2015			EPA Perf
				02	BD PRP RI/FS	2	05/02/2007	08/06/2015		EPA Ovrsght
				02	CO RI/FS	2	08/06/2015			EPA Perf
PRD987367356 0202986	PESTICIDE WAREHOUSE II ROAD 140 KM 64.4 BARCELONETA, PR BARCELONETA (72017)	00617		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	04/21/1989	04/21/1989		St Perf
				00	PA PA	1	05/04/1989	06/30/1989	L	St Perf
				00	SI SI	1	06/16/1994	09/30/1997	H	EPA Perf
				00	OO SITE REASS	1	08/15/2018	08/15/2018	H	EPA Perf
				00	OO SITE REASS	2	09/25/2019	09/25/2019	N	EPA Perf
PRD987367372 0202881	INTERNATIONAL METAL INC. ROAD # 10 KM 8.4 MAYAGUES WARD PONCE, PR PONCE (72113)	00731		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	03/31/1989	03/31/1989		St Perf
				00	PA PA	1	04/26/1989	06/30/1989	D	St Perf
				00	SI SI	1	06/16/1994	09/30/1997	L	EPA Perf
				00	OO SITE REASS	1	06/27/2018	06/27/2018	H	EPA Perf
				00	OO SITE REASS	2	09/26/2019	09/26/2019	N	EPA Perf

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PRD987370848 0203336	QUALITY ELECTROPLATING, CORP - SITE # 2 BLDG M-653,MODULE #3,VILLA BLANCA IND PK CAGUAS, PR CAGUAS (72025)	00625		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	PA PA	1	08/15/1990	09/27/1990	L	St Perf
				00	DS DISCVRY	1	08/20/1990	08/20/1990		St Perf
				00	SI SI	1		11/07/1997	L	EPA Perf
				00	OO SITE REASS	1	09/04/2018	09/04/2018	H	EPA Perf
				00	OO SITE REASS	2	09/19/2019	09/19/2019	N	EPA Perf
PRD987371572 0203406	OLAY COMPANY, INC. (FORMER VICKS, INC.) ROAD #735, KM. 2.3 RINCON WARD CAYEY, PR CAYEY (72035)	00633		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	09/28/1990	09/28/1990		St Perf
				00	PA PA	1	10/30/1990	12/13/1990	N	St Perf
				00	VS ARCH SITE	1		12/13/1990		EPA Perf In-Hse
				00	HX PRE-CERC	1		05/04/2010		EPA Perf
				00	SI SI	1	09/11/2017	09/11/2017	N	EPA Perf
PRD987372737 0203834	COATINGS INCORPORATED AND COMPANY 85 E STREET, MINILLAS INDUSTRIAL PARK MINILLAS WARD, PR BAYAMON (72021)	00619		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: ESI Start Needed FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	08/18/1993	08/18/1993		St Perf
				00	PA PA	1		03/29/1994	H	St Perf
				00	SI SI	1	10/01/1997	06/11/1999	L	EPA Perf

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				00	PJ RP EM REM	1	07/11/2008	07/11/2008	S	EPA Ovrsght
PRD987373230 0206216	SUIZA DAIRY 51 AVE DE DIEGO SAN JUAN, PR SAN JUAN (72127)	00921								
				00	PJ RP EM REM	1	05/04/2007	05/04/2007	S	EPA Ovrsght
PRD987374220 0204195	SOUTH PEARL CHEMICAL RT. 127 KM 17.1 PENUELAS, PR PENUELAS (72111)	00624								
				00	RS RV ASSESS	1	10/22/1998	10/27/1998		EPA Perf
				00	BB PRP RV	1	01/27/2000	05/31/2002	C	EPA Ovrsght
PRD987375268 0203525	CIP MANUFACTURING CORP. ROAD #30 KM. 3.3 BO BAVORA BAIROA WARD, PR CAGUAS (72025)	00725								
				00	DS DISCVRY	1	08/02/1991	08/02/1991		St Perf
				00	PA PA	1	08/05/1991	09/06/1991	L	St Perf
				00	SI SI	1		09/30/1997	N	EPA Perf
				00	BB PRP RV	1	06/12/2001	11/04/2003	S	EPA Ovrsght
PRD987376076 0203919	BAYAMON STEEL PROCESSORS STATE ROAD #28, LOT 30-B LUCHETTI IND. PARK, PR BAYAMON (72021)	00961								
				00	DS DISCVRY	1	08/24/1994	08/24/1994		St Perf
				00	PA PA	1	10/01/1994	02/08/1995	H	St Perf
				00	SI SI	1	10/01/1997	03/08/2000	H	St Perf

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				00	OO SITE REASS	1		03/31/2009	N	St Perf
PRD987376662 0203570	SCORPIO RECYCLING, INC. STATE ROAD #2 KM. 19.7 (ACUNA STREET) CANDELERIA WARD, PR	00949 98	18.409167 -66.231944 EPA HQ		NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	09/20/1991	09/20/1991		St Perf
				00	PA PA	1	12/02/1991	01/07/1992	H	St Perf
				00	SI SI	1	10/01/1993	01/15/1997	H	St Perf
				00	ES ESI	1	07/31/1998	11/02/1999	G	EPA Perf
				00	RS RV ASSESS	1	01/11/1999	09/27/1999		EPA Perf
				00	HR HAZRANK	1	10/15/1999	10/15/1999	O	EPA Perf
				00	NP PROPOSED	1	10/22/1999	10/22/1999		EPA Perf
				00	NF NPL FINL	1	02/04/2000	02/04/2000		EPA Perf
				00	RV RMVL	1	02/20/2001	08/26/2009	S	EPA Perf
				00	RV RMVL	2	03/31/2009	09/26/2009	S	EPA Perf
				01	MA ST COOP	1	09/25/2000			EPA Perf
				01	CO RI/FS	1	09/29/2000	09/28/2006		EPA Perf
				01	RO ROD	1	09/28/2006	09/28/2006		EPA Perf
				02	CO RI/FS	2	09/20/2007	09/30/2013		EPA Perf
				02	MA ST COOP	2	09/06/2012			EPA Perf
				02	RO ROD	2	09/30/2013	09/30/2013	R	EPA Perf
				02	RD RD	1	04/02/2014	09/25/2017		EPA Perf
PRD987376670 0203574	LUNA PAINTS URB INDUSTRIAL MINILLAS D STREET MINILLAS WARD, PR BAYAMON (72021)	00619			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	08/13/1991	08/13/1991		St Perf
				00	PA PA	1	12/30/1991	01/08/1992	H	St Perf
				00	SI SI	1	09/01/1994	07/18/1995	H	St Perf
				00	OO SITE REASS	1		03/31/2009	N	St Perf

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PRD987376704 0203774	PREPA COSTA SUR CENTRAL POWER PLANT STATE ROAD 127 KM. 15.7 GUAYANILLA, PR GUAYANILLA (72059)	00656								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Assessment Complete - Decision Needed FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	02/23/1993	02/23/1993		St Perf
				00	PA PA	1	02/23/1993	07/08/1993	L	St Perf
				00	SI SI	1		09/30/1997	L	EPA Perf
				00	OO SITE REASS	1	09/04/2018	09/04/2018	H	EPA Perf In- Hse
				00	OO SITE REASS	2	09/25/2019	09/25/2019	G	EPA Perf
PRD987377538 0203742	PREPA PALO SECO GENERAL DEPOT RD 165 PALO SECO PALO SECO WARD, PR TOA BAJA (72137)	00759								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Remedial Activities Under EPA Enforcement FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1		07/03/1992		St Perf
				00	PA PA	1		12/01/1992	H	St Perf
				00	SI SI	1	01/23/1993	10/21/1993	H	EPA Perf
				00	HR HAZRANK	1	07/06/1994	03/15/1995		EPA Perf
				00	BB PRP RV	1	02/23/2009	08/13/2012	C	EPA Ovrsght
				01	BD PRP RI/FS	1	10/25/1997	09/25/2012		EPA Ovrsght
				01	MA ST COOP	1	09/25/2000			EPA Perf
				01	AR ADMIN REC	1	09/25/2012	09/25/2012		EPA Perf
				01	RO ROD	1		09/25/2012		EPA Perf
PRD987377702 0204273	ZENITH LABORATORIES CARIBE, INC. ROAD 721 KM 0.1, LOTS 18&19, CIDRA INDUSTRIAL PARK CIDRA, PR	00739								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Addressed as Part of Another non-NPL Site FEDERAL FACILITY DOCKET IND: N					

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				00	DS DISCVRY	1	04/25/2000	04/25/2000		St Perf
				00	HX PRE-CERC	1		10/01/2000		St Perf
				00	PA PA	1		10/01/2001	H	St Perf
PRD987377918 0202705	PRIDCO LOT NO. L-009-0-053-007-0 Luis Munoz Marin Ave., Rd. 15 Km 25.4 CAYEY, PR CAYEY (72035)	00736								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	10/01/2015	10/01/2015		EPA Perf
				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	07/28/2016	07/28/2016	H	St Perf
				00	SI SI	1	03/20/2017	03/20/2017	N	EPA Perf
PRD987378452 0203592	RAMIREZ JUNKER ROAD #2 KM. 29.8 CARMEN SECTOR COLIBRI63 VEGA ALTA, PR VEGA ALTA (72143)	00762								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	10/31/1991	10/31/1991		St Perf
				00	PA PA	1	12/20/1991	01/08/1992	L	St Perf
				00	SI SI	1	04/27/1998	07/14/1999	F	EPA Perf
				00	RS RV ASSESS	1	12/06/1999	12/28/2000		EPA Perf
				00	RS RV ASSESS	2	01/17/2001			EPA Perf
				00	RV RMVL	1	02/12/2001	10/04/2001	C	EPA Perf
				00	OO SITE REASS	1	09/17/2018	09/17/2018	N	EPA Perf
PRD987379336 0203670	CIDRA CABLE SITE ROAD #172 KM. 7.9 CERTENEJAS SECTOR CIDRA, PR CIDRA (72041)	00639								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	05/01/1992	05/01/1992		St Perf

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				00	PA PA	1	09/01/1992	09/23/1992	H	St Perf
				00	SI SI	1	10/30/1996	09/19/1997	H	EPA Perf
				00	OO SITE REASS	1	08/17/2018	08/17/2018	H	EPA Perf
				00	OO SITE REASS	2	07/10/2019	07/10/2019	N	EPA Perf
PRD987380540 0204393	CONGAR INTERNATIONAL CORP (CIC) ROAD 14, KM 72.2 CAYEY, PR CAYEY (72035)	00736								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	HX PRE-CERC	1	09/12/2002	09/12/2002		St Perf
				00	DS DISCVRY	1	09/25/2009	09/25/2009		EPA Perf
				00	HX PRE-CERC	2	09/25/2009	09/25/2009		EPA Perf
				00	PA PA	1	12/07/2016	12/07/2016	H	EPA Perf
				00	SI SI	1	07/19/2017	07/19/2017	N	EPA Perf
PRD987380797 0206549	MINILLAS GOVERNMENT CENTER STOP 22, JOSE DE DIEGO AVENUE, SANTURCE JOSE DE DIEGO AVE & BALDORIOTY DE CASTRO SAN JUAN, PR SAN JUAN (72127)	00912								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
				00	RV RMVL	1	06/03/2012	06/29/2012		EPA Perf
				00	BB PRP RV	1	09/17/2012	05/29/2013	C	EPA Ovrsght
PRD987381423 0206060	PRIDCO ROAD 103, KM 7.3 CABO ROJO, PR CABO ROJO (72023)	00623								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Assessment Complete - Decision Needed FEDERAL FACILITY DOCKET IND: N					
				00	HX PRE-CERC	1		02/22/2007		EPA Perf
				00	DS DISCVRY	1	02/27/2007	02/27/2007		EPA Perf





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PRN000201872 0201872	DORADO GROUND WATER CONTAMINATION PR-694 Km 4.5 DORADO, PR DORADO (72051)	00646 98	18.429756 -66.278320 EPA HQ	NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	06/24/2015	06/24/2015		EPA Perf
				00	HX PRE-CERC	1	06/24/2015	06/24/2015		EPA Perf
				00	PA PA	1	09/04/2015	09/04/2015	H	EPA Perf
				00	ES ESI	1	11/11/2015	11/11/2015	G	EPA Perf
				00	HR HAZRANK	1	04/07/2016	04/07/2016	O	EPA Perf
				00	NP PROPOSED	1	04/07/2016	04/07/2016		EPA Perf
				00	NF NPL FINL	1	09/09/2016	09/09/2016		EPA Perf
				01	CO RI/FS	1	01/20/2017			EPA Perf
				01	MA ST COOP	1	09/29/2017			EPA Perf
				01	TA TECH ASSIST	1	10/13/2017			EPA Perf
PRN000202703 0202703	CAGUAS TIRE FIRE 2016 PR-175 Ramal 739 Sector San Antonio Barrio Rio Can CAGUAS, PR CAGUAS (72025)	00725		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ RP EM REM	1	01/27/2016	01/27/2016		EPA Ovrsght
PRN000202706 0202706	PRIDCO BUILDING NO. S-0537-0-60 Washington St., corner of Lincoln CAYEY, PR CAYEY (72035)	00736		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	10/01/2015	10/01/2015		EPA Perf
				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	07/28/2016	07/28/2016	H	St Perf
				00	SI SI	1	05/08/2017	05/08/2017	N	EPA Perf

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PRN000202710 0202710	PRDOH PESTICIDE WAREHOUSE Zorzol Pardo (Near Pajaro Carpintero) GUAYNABO, PR GUAYNABO (72061)	00920								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
				00	PJ RP EM REM	1	03/02/2016	08/19/2016		EPA Ovrsght
PRN000202713 0202713	PRIDCO BUILDING NOS.T-0131-0-52, SEE SITE DESCRIPTION Road 15 Multiple Buildings CAYEY, PR CAYEY (72035)	00736								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	10/01/2015	10/01/2015		EPA Perf
				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	07/28/2016	07/28/2016	H	EPA Perf
				00	SI SI	1	06/06/2017	06/06/2017	N	EPA Perf
PRN000202714 0202714	PRIDCO BUILDING NO. T-0316-0-56 Road 15 CAYEY, PR CAYEY (72035)	00736								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	10/01/2015	10/01/2015		EPA Perf
				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	08/01/2016	08/01/2016	H	St Perf
				00	SI SI	1	05/11/2017	05/11/2017	N	EPA Perf
PRN000202715 0202715	PRIDCO BUILDING NO. T-0317-0-57 Road 15 KM 24.5 CAYEY, PR CAYEY (72035)	00736								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	10/01/2015	10/01/2015		EPA Perf

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				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	08/01/2016	08/01/2016	H	St Perf
				00	SI SI	1	09/07/2017	09/07/2017	N	EPA Perf
PRN000202716 0202716	PRIDCO BUILDING NO. T-0317-1-61 Road 15 Km 24.5 CAYEY, PR CAYEY (72035)	00736		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	10/01/2015	10/01/2015		EPA Perf
				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	08/01/2016	08/01/2016	H	St Perf
				00	SI SI	1	09/07/2017	09/07/2017	N	EPA Perf
PRN000202717 0202717	PRIDCO BUILDING NOS. T-0851-0-67 SEE SITE DESCRIPTION Luis Munos Marin Ave., Road 15 Km 25.4 CAYEY, PR	00736		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	10/01/2015	10/01/2015		EPA Perf
				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	08/01/2016	08/01/2016	H	EPA Perf
				00	SI SI	1	05/10/2017	05/10/2017	N	EPA Perf
PRN000202718 0202718	PRIDCO BUILDING NO. T-1292-0-80 Road 735 CAYEY, PR CAYEY (72035)	00736		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	10/01/2015	10/01/2015		EPA Perf
				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	07/28/2016	07/28/2016	H	EPA Perf
				00	SI SI	1	05/12/2017	05/12/2017	N	EPA Perf

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PRN000202720 0202720	PRIDCO BUILDING NOS. T-1317-0-80 & T-1317-1-89 Road 735 CAYEY, PR CAYEY (72035)	00736								
										NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N
				00	DS DISCVRY	1	10/01/2015	10/01/2015		EPA Perf
				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	07/28/2016	07/28/2016	H	St Perf
				00	SI SI	1	05/16/2017	05/16/2017	N	EPA Perf
PRN000202721 0202721	PRIDCO BUILDING NOS. L-336-0-70-9-0 & L-336-0-70-11-0 Road 735 CAYEY, PR CAYEY (72035)	00736								
										NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N
				00	DS DISCVRY	1	10/01/2015	10/01/2015		EPA Perf
				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	07/28/2016	07/28/2016	H	St Perf
				00	SI SI	1	08/14/2017	08/14/2017	N	EPA Perf
PRN000202722 0202722	PRIDCO BUILDING NO. L-336-0-70-2-0 Road 735 CAYEY, PR CAYEY (72035)	00736								
										NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N
				00	DS DISCVRY	1	10/01/2010	10/01/2010		EPA Perf
				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	07/28/2016	07/28/2016	H	St Perf
				00	SI SI	1	05/10/2017	05/10/2017	N	EPA Perf
PRN000202741 0202741	COMMERCIAL MENDOZA State Road 1, Km. 54.3 CAYEY, PR CAYEY (72035)	00736								
										NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N

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				00	DS DISCVRY	1	10/01/2015	10/01/2015		EPA Perf
				00	HX PRE-CERC	1	10/01/2015	10/01/2015		EPA Perf
				00	PA PA	1	12/07/2016	12/07/2016	H	EPA Perf
				00	SI SI	1	07/19/2017	07/19/2017	N	EPA Perf
PRN000202824 0202824	DOS MARINAS CONDOMINIUM TOWER II 100 Marina Ave FAJARDO, PR	00738		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ RP EM REM	1	05/26/2016	08/16/2016		EPA Ovrsght
PRN000203130 0203130	FWS CULEBRA NATIONAL WILDLIFE REFUGE Entire Island of Culebra (See site description below) CULEBRA, PR CULEBRA (72049)	00775		NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: Other Cleanup Activity: Federal Facility-Lead Cleanup FEDERAL FACILITY DOCKET IND: Y						
				00	DS DISCVRY	1	07/03/2011	07/03/2011		EPA Perf In-Hse
				00	PA PA	1	09/19/2017	09/19/2017	G	EPA Perf In-Hse
PRN000203133 0203133	EAST PUERTO RICO SEWER AUTHORITY CHLORINE RELEASE PR ST. 153 KM 4.5 SANTA ISABEL, PR SANTA ISABEL (72133)	00757		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ RP EM REM	1	10/20/2017	10/20/2017	C	EPA Ovrsght

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PRN000203154 0203154	PATILLAS SPORT COMPLEX Approx 100 ft SE of road bet Cll 1 & Cll Margarita Colnia Los Pollos, Calle Los Proceres PATILLAS, PR PATILLAS (72109)	00723-2900		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
PRN000203310 0203310	JJW METAL RECYCLING 756 Los Colobos CAROLINA, PR CAROLINA (72031)	00987		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00 RS RV ASSESS	1	11/28/2018	11/28/2018		EPA Perf
				00 PJ RP EM REM	1	11/28/2018	12/11/2018	C	EPA Ovrsght
				00 HX PRE-CERC	1	06/17/2019	06/17/2019	SI	EPA Perf In-Hse
				00 DS DISCVRY	1	06/17/2019	06/17/2019		EPA Perf
				00 PA PA	1	09/25/2019	09/25/2019	H	EPA Perf
				00 SI SI	1	04/13/2020	04/13/2020	N	EPA Perf
PRN000203311 0203311	TOA ALTA UNKNOWN ODOR DEPLOYMENT Cll 1 (approx 100 ft north of PR-165R and Cll 1) TOA ALTA, PR TOA ALTA (72135)	00953		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
PRN000203368 0203368	BARRIO DESTINO RESIDENTIAL MERCURY BO PUERTO FERRO DESTINO NO 3A, PUERTO FERRO BARRIO VIEQUES, PR VIEQUES (72147)	00765 00		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					

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				00	RV RMVL	1	09/16/2019	09/28/2019	C	EPA Perf
PRN000203405 0203405	BARRIO MATON ARRIBA VEGETATIVE DEBRIS FIRE Carretera 730 KM 5.1 Finca #15 CAYEY, PR CAYEY (72035)	00736								
				00	DS DISCVRY	1	10/20/2000	10/20/2000		EPA Perf
				00	SI SI	1	10/20/2000	09/30/2003	N	EPA Perf
PRN000204329 0204329	CCL LABEL DE PUERTO RICO A STREET, CIDRA INDUSTRIAL PARK CIDRA, PR CIDRA (72041)	00739								
				00	SI SI	1	10/20/2000	09/30/2003	N	EPA Perf
				00	DS DISCVRY	1	10/20/2000	10/20/2000		EPA Perf
PRN000204330 0204330	CMM LAUNDRY RT 172, KM 6.4 CIDRA, PR CIDRA (72041)	00739								
				00	SI SI	1	10/20/2000	09/30/2003	N	EPA Perf
				00	DS DISCVRY	1	10/20/2000	10/20/2000		EPA Perf
PRN000204331 0204331	CARIBBEAN MANUFACTURING CO. EL JIBARO INDUSTRIAL PARK CIDRA, PR CIDRA (72041)	00739								
				00	DS DISCVRY	1	10/20/2000	10/20/2000		EPA Perf
				00	SI SI	1	10/20/2000	01/11/2010	A	EPA Perf



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PRN000204333 0204333	CIDRA CONVENTION CENTER AST., CIDRA INDUSTRIAL PARK CIDRA, PR CIDRA (72041)	00739		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Addressed as Part of Another non-NPL Site FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	10/20/2000	10/20/2000		EPA Perf
				00 PA PA	1	10/20/2000	01/11/2010	A	EPA Perf
PRN000204335 0204335	CIDRA METALLIC CASKETS RT. 172, KM 7.9, CERTENEJAS WARD CIDRA, PR CIDRA (72041)	00739		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	10/20/2000	10/20/2000		EPA Perf
				00 SI SI	1	10/20/2000	09/30/2003	N	EPA Perf
PRN000204336 0204336	KNOGO CARIBE, INC. RT. 172, KM 9.4, BAYAMON WARD CIDRA, PR CIDRA (72041)	00739		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00 SI SI	1	10/20/2000	09/30/2003	N	EPA Perf
				00 DS DISCVRY	1	10/20/2000	10/20/2000		EPA Perf
PRN000204340 0204340	INTERNATIONAL DRY CLEANERS CIDRA CENTRO CIDRA, PR CIDRA (72041)	00739		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Addressed as Part of Another non-NPL Site FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	10/20/2000	10/20/2000		EPA Perf
				00 PA PA	1	10/20/2000	01/07/2010	A	EPA Perf

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PRN000204342 0204342	MYLAN PHARMACEUTICAL CORP. EL JIBARO INDUSTRIAL PARK CIDRA, PR CIDRA (72041)	00739		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	10/20/2000	10/20/2000		EPA Perf
				00 PA PA	1		10/23/2002	H	EPA Perf
				00 OO SITE REASS	1	08/21/2018	08/21/2018	H	EPA Perf
				00 OO SITE REASS	2	09/16/2019	09/16/2019	N	EPA Perf
PRN000204348 0204348	TECH GROUP DE PUERTO RICO, INC. RT. 1, KM 48.7, BEATRIZ WARD CIDRA, PR CIDRA (72041)	00739		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	10/20/2000	10/20/2000		EPA Perf
				00 PA PA	1	08/15/2017	08/15/2017	H	EPA Perf
				00 SI SI	1	07/25/2018	07/25/2018	N	EPA Perf
PRN000204349 0204349	WESLEY- JESSEN CORP EL JIBARO INDUSTRIAL PARK CIDRA, PR CIDRA (72041)	00739		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Addressed as Part of Another non-NPL Site FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	10/20/2000	10/20/2000		EPA Perf
				00 PA PA	1	07/25/2017	07/25/2017	N	EPA Perf
PRN000204363 0204363	PRECIOUS METALS INC. (PMI) STATE ROAD #14, KM 69.4 APONTE INDUSTRIAL PARK CAYEY, PR	00737-8000		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	10/05/2001	10/05/2001		St Perf
				00 PA PA	1	12/19/2001	09/23/2003	L	St Perf

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				00	HX PRE-CERC	1		12/19/2001		St Perf
				00	SI SI	1		09/24/2003	N	St Perf
				00	ES ESI	1		10/12/2011	N	EPA Perf
PRN000204364 0204364	ARECIBO RADIOLOGICAL SOURCE DELPHIN-OLMO ST #156 ARECIBO, PR ARECIBO (72013)	00613		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	RS RV ASSESS	1	02/22/2002	03/01/2005		EPA Perf
				00	RV RMVL	1	06/19/2002	01/08/2003	C	EPA Perf
PRN000204365 0204365	CHEMTEX CARIBBEAN INC. ROAD 176, KM 9.5 CAMINOS LAS PIEDRAS SAN JUAN, PR SAN JUAN (72127)			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	PA PA	1	02/12/2002	09/18/2003	L	St Perf
				00	DS DISCVRY	1	02/12/2002	02/12/2002		St Perf
				00	SI SI	1	09/18/2003	09/30/2004	N	St Perf
PRN000204370 0204370	RECOVERY AND RECYCLING- HORMIGUEROS STATE ROAD 309, KM. 1.4 HORMIGUEROS, PR	00660		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Deferred to RCRA (Subtitle C) FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	06/13/2002	06/13/2002		St Perf
				00	HX PRE-CERC	1		06/13/2002		St Perf
				00	PA PA	1	07/11/2017	07/11/2017	H	EPA Perf
				00	SI SI	1	05/17/2018	05/17/2018	H	EPA Perf





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				00	RV RMVL	1	09/16/2003	10/16/2003	C	EPA Perf
				00	RS RV ASSESS	1	09/16/2003	10/09/2003		EPA Perf
PRN000204532 0204532	JUANA DIAZ GROUND WATER PLUME STATE ROAD 510, KM 4.8 JUANA DIAZ, PR JUANA DIAZ (72075)	00655								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	PA PA	1	10/29/2003	08/13/2004	N	EPA Perf
				00	DS DISCVRY	1	10/29/2003	10/29/2003		EPA Perf
				00	SI SI	1	10/01/2004	08/10/2005	N	St Perf
PRN000204538 0204538	CIDRA GROUNDWATER CONTAMINATION ROAD 171 (SOUTH OF THE VILLAGE OF CIDRA) WEST OF ROAD #171 CIDRA, PR CIDRA (72041)	00739 98	18.175277 -66.161944 EPA HQ							
					NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	09/30/2003	09/30/2003		EPA Perf
				00	HR HAZRANK	1	03/08/2004	03/08/2004	O	EPA Perf
				00	NP PROPOSED	1	03/08/2004	03/08/2004		EPA Perf
				00	NF NPL FINL	1	07/22/2004	07/22/2004		EPA Perf
				01	CO RI/FS	1	09/28/2005	09/30/2014		EPA Perf
				01	MA ST COOP	1	09/26/2007			EPA Perf
				01	RO ROD	2	09/30/2014	09/30/2014		EPA Perf
				01	RD RD	1	10/06/2014	09/28/2017		EPA Perf
				01	RD RD	2	04/21/2015			EPA Perf
				01	RD RD	3	05/18/2016			EPA Perf
				01	RA RA	1	09/30/2019			EPA Perf
				01	TA TECH ASSIST	2	12/12/2019			EPA Perf
PRN000204679 0204679	PUERTO RICO PLASTIC RECYCLERS RD# 3, KM 72.2 HUMACAO, PR	00661								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					

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				00	DS DISCVRY	1	07/16/2004	07/16/2004		EPA Perf
				00	PA PA	1		08/29/2005	N	EPA Perf
PRN000204680 0204680	RAMALLO BROTHERS PRINTING INC. RD#1, KM. 25.5 SAN JUAN, PR	00927								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Site Reassessment Start Needed FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	07/16/2004	07/16/2004		EPA Perf
				00	NX COMB PA/SI	1	07/16/2004	10/06/2005	H	St Perf
PRN000204694 0204694	ATLANTIC FLEET WEAPONS TRAINING AREA Postal Address is unavailable for the Site VIEQUES, PR VIEQUES (72147)	00765 98	+18.130580 -065.310600 EPA HQ		NPL STATUS: F FEDERAL FACILITY: Y FEDERAL FACILITY DOCKET IND: Y					
				00	DS DISCVRY	1	10/21/2003	10/21/2003		Fed Fac
				00	NP PROPOSED	1	08/13/2004	08/13/2004		EPA Perf
				00	NF NPL FINL	1	02/11/2005	02/11/2005		EPA Perf
				00	EE EE/CA	2	12/18/2005	02/06/2008		Fed Fac
				00	LV FF RV	1	04/17/2006			Fed Fac
				00	EE EE/CA	4	10/22/2008	10/22/2008		Fed Fac
				00	LV FF RV	2	02/01/2009			Fed Fac
				00	LV FF RV	4	02/06/2009			Fed Fac
				01	EE EE/CA	3	02/06/2008	10/22/2008		Fed Fac
				01	LV FF RV	3	04/27/2009			Fed Fac
				02	LW FF RI/FS	2	05/01/2002	01/14/2015		Fed Fac
				02	NI FF FS	6	10/04/2012	01/14/2015		Fed Fac
				02	RO ROD	2	01/14/2015	01/14/2015		Fed Fac
				03	LW FF RI/FS	3	02/20/2003	09/29/2008		Fed Fac
				03	RO ROD	3	09/29/2008	09/29/2008		Fed Fac
				04	LW FF RI/FS	4	11/08/2005	09/30/2014		Fed Fac

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				04	RO ROD	4	09/30/2014	09/30/2014		Fed Fac
				05	LW FF RI/FS	5	02/20/2003	09/21/2011		Fed Fac
				05	RO ROD	5	09/21/2011	09/21/2011		Fed Fac
				06	LW FF RI/FS	6	11/14/2005	09/21/2011		Fed Fac
				06	RO ROD	6	09/21/2011	09/21/2011		Fed Fac
				07	LW FF RI/FS	7	12/21/2006	09/25/2019		Fed Fac
				07	RO ROD	7	09/25/2019	09/25/2019		Fed Fac
				08	LW FF RI/FS	8	02/20/2003	07/10/2018		Fed Fac
				08	RO ROD	8	07/10/2018	07/10/2018		Fed Fac
				09	LW FF RI/FS	9	02/20/2003	09/21/2011		Fed Fac
				09	RO ROD	9	09/21/2011	09/21/2011		Fed Fac
				11	LW FF RI/FS	11	10/22/2010	09/29/2011		Fed Fac
				11	RO ROD	11	09/29/2011	09/29/2011		Fed Fac
				12	LW FF RI/FS	12	04/13/2012			Fed Fac
				13	LW FF RI/FS	13	04/13/2012			Fed Fac
				14	LW FF RI/FS	14	04/13/2012			Fed Fac
				15	LW FF RI/FS	15	04/13/2012			Fed Fac
				16	LW FF RI/FS	16	04/13/2012			Fed Fac
				17	LV FF RV	6	01/03/2018			Fed Fac
				18	LW FF RI/FS	18	05/28/2010	11/04/2015		Fed Fac
				18	RO ROD	18	11/04/2015	11/04/2015		Fed Fac
				18	LY FF RA	18	11/29/2016	07/30/2019		Fed Fac
				18	OM OM	1	07/30/2019			Fed Fac
				19	LW FF RI/FS	19	04/13/2012			Fed Fac
				20	LW FF RI/FS	20	04/13/2012			Fed Fac
				21	LW FF RI/FS	21	04/13/2012			Fed Fac
				22	LW FF RI/FS	22	04/13/2012			Fed Fac
				23	LW FF RI/FS	23	04/13/2012			Fed Fac
				24	EE EE/CA	5	08/30/2011	12/21/2012		Fed Fac
				24	LW FF RI/FS	24	04/13/2012			Fed Fac
				24	LV FF RV	5	12/21/2012	03/28/2019		Fed Fac
				25	LW FF RI/FS	25	04/13/2012			Fed Fac
				26	LW FF RI/FS	26	12/23/2011			Fed Fac
				27	LW FF RI/FS	27	04/13/2012			Fed Fac
				28	LW FF RI/FS	28	04/13/2012	08/29/2018		Fed Fac



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				28	RO ROD	28	08/29/2018	08/29/2018		Fed Fac
				28	LY FF RA	49	05/02/2019	09/26/2019		Fed Fac
				29	LW FF RI/FS	29	04/13/2012			Fed Fac
PRN000205821 0205821	JUNKER COLLAZO STATE ROAD #2 , KM 61.6 ARECIBO, PR ARECIBO (72013)	00602								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	PA PA	1	08/17/2005	08/17/2005	N	EPA Perf
				00	DS DISCVRY	1	08/17/2005	08/17/2005		St Perf
PRN000205831 0205831	MAUNABO URBANO PUBLIC WELLS STATE ROAD #3, KM 110.2 MAUNABO, PR MAUNABO (72095)	00707 98	18.005611 -65.901417 EPA HQ							
					NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	08/25/2005	08/25/2005		EPA Perf
				00	HR HAZRANK	1	10/03/2005	04/18/2006	O	EPA Perf
				00	PA PA	1	10/30/2005	10/30/2005	H	EPA Perf In- Hse
				00	NX COMB PA/SI	1	04/17/2006	04/17/2006	H	EPA Perf
				00	NP PROPOSED	1	04/19/2006	04/19/2006		EPA Perf
				00	NF NPL FINL	1	09/27/2006	09/27/2006		EPA Perf
				01	CO RI/FS	1	09/28/2006	09/27/2012		EPA Perf
				01	RO ROD	1	09/27/2012	09/27/2012	R	EPA Perf
				01	RD RD	1	09/11/2013	02/26/2018		EPA Perf
				01	MA ST COOP	1	10/01/2014	03/16/2020		EPA Perf
				01	RA RA	1	09/30/2019			EPA Perf
				01	TA TECH ASSIST	2	12/12/2019			EPA Perf
PRN000205840 0205840	CAGUAS MAINTENANCE YARD STATE ROAD 1, KM 32.2 CAGUAS, PR CAGUAS (72025)	00726								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					

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				00	RS RV ASSESS	1	01/27/2004	01/29/2004		EPA Perf
				00	PJ RP EM REM	1	01/27/2004	06/12/2004	C	EPA Ovrsght
PRN000205844 0205844	SANTA OLAYA ROAD #829 KM. 5.6 SANTA OLAYA WARD BAYAMON, PR BAYAMON (72021)									
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
				00	PJ RP EM REM	1	06/01/2005	06/06/2005	S	EPA Ovrsght
PRN000205853 0205853	UPR-CAYEY WELLS 205 ANTONIO BARCELO STREET CAYEY, PR CAYEY (72035)	00736								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	PA PA	1		01/01/2006	H	St Perf
				00	DS DISCVRY	1	04/21/2006	04/21/2006		St Perf
				00	SI SI	1		09/27/2006	H	St Perf
				00	ES ESI	1		06/01/2010	G	EPA Perf
				00	OO SITE REASS	1	09/21/2017	09/21/2017	N	EPA Perf
PRN000205858 0205858	CENTRO DE ACOPIO MANUFACTURING STATE ROAD 3 KM. 109.9 MAUNADO, PR MAUNABO (72095)	00707								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	06/07/2006	06/07/2006		EPA Perf
				00	PA PA	1	06/30/2006	01/29/2007	N	EPA Perf
PRN000205859 0205859	EL NEGRO AUTO BODY/PART 25 AVENUE M RIVERA MAUNABO, PR MAUNABO (72095)	00707								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					

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				00	DS DISCVRY	1	06/08/2006	06/08/2006		EPA Perf
				00	PA PA	1	06/30/2006	01/29/2007	N	EPA Perf
PRN000205860 0205860	STORAGE FACILITY STATE ROUTE 3 MAUNABO, PR MAUNABO (72095)	00707		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Addressed as Part of Another non-NPL Site FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	06/08/2006	06/08/2006		EPA Perf
				00	PA PA	1	06/30/2006		B	EPA Perf
PRN000205861 0205861	JUAN OROZCO LIMITED, INC. STATE ROUTE 3, KM 106.1 MAUNABO, PR MAUNABO (72095)	00707		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	06/07/2006	06/07/2006		EPA Perf
				00	PA PA	1	06/30/2006	01/29/2007	N	EPA Perf
PRN000205862 0205862	PLASTIC HOME PRODUCTS STATE ROUTE 3, KM 105.3 MAUNABO, PR MAUNABO (72095)	00707		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	06/07/2006	06/07/2006		EPA Perf
				00	PA PA	1	06/30/2006	01/31/2007	N	EPA Perf
PRN000205863 0205863	PUERTO RICO BEVERAGE STATE ROUTE 3, KM 109.9 MAUNABO, PR MAUNABO (72095)	00707		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	06/07/2006	06/07/2006		EPA Perf
				00	PA PA	1	06/30/2006	01/31/2007	N	EPA Perf

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PRN000205903 0205903	PARDO RESIDENCE SITE 1466 ELIDA STREET, CAPARRA HEIGHTS SAN JUAN, PR									
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	RS			09/27/2006		EPA Perf
				00	RV		08/16/2007	08/23/2007	C	EPA Perf
PRN000205904 0205904	PHARMASOL CHEMICAL FACILITY ROAD 188, LOT191-59 T-1002-0-70 PARQUE CANOVANAS INDUSTRIAL PARK CANOVANAS, PR CANOVANAS (72029)	00729								
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ		09/29/2005	03/31/2008	C	EPA Ovrsght
				00	PJ		05/25/2006	05/25/2006		EPA Ovrsght
PRN000205911 0205911	CROP DUSTING-LAS TUNAS PESTICIDE PLANE CRASH D STREET, NO. E-3 AND D STREET, NO. E-15 LAS TUNA WARD,, PR SABANA GRANDE (72121)	00637								
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ		08/29/2006	11/22/2006	S	EPA Ovrsght
PRN000205925 0205925	ABANDONED GULF STATION STATE ROAD #122 SAN GERMAN, PR SAN GERMAN (72125)	00683								
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	HX			09/11/2006		EPA Perf
				00	PA		10/26/2006	02/01/2007	H	EPA Perf
				00	DS		11/28/2006	11/28/2006		EPA Perf
				00	SI		02/01/2007	05/08/2008	N	EPA Perf

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PRN000205926 0205926	ACORN CLEANERS ROUTE# 122, ANTONGIORGIE BUILDING, LOCAL #1 SAN GERMAN, PR SAN GERMAN (72125)	00683								
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	HX	PRE-CERC	1		09/11/2006	EPA Perf
				00	PA	PA	1	10/26/2006	02/01/2007	H EPA Perf
				00	DS	DISCVRY	1	11/28/2006	11/28/2006	EPA Perf
				00	SI	SI	1	02/01/2007	05/08/2008	N EPA Perf
PRN000205957 0205957	SAN GERMAN GROUND WATER CONTAMINATION STATE ROAD #122 (ALSO KNOWN AS ROAD 119) San German, PR SAN GERMAN (72125)	00683 98	18.084472 -67.035306 EPA HQ							
				NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N						
				00	DS	DISCVRY	1	09/01/2006	09/01/2006	EPA Perf
				00	PA	PA	1	09/01/2006	10/15/2006	H EPA Perf
				00	ES	ESI	1	09/10/2006	07/15/2007	G EPA Perf
				00	HR	HAZRANK	1	10/15/2006	09/19/2007	O EPA Perf
				00	NP	PROPOSED	1	09/19/2007	09/19/2007	EPA Perf
				00	NF	NPL FINL	1	03/19/2008	03/19/2008	EPA Perf
				00	MA	ST COOP	1	09/05/2012		EPA Perf
				00	PJ	RP EM REM	1	07/17/2015	09/22/2015	EPA Ovrsght
				01	CO	RI/FS	1	08/27/2008	12/11/2015	EPA Perf
				01	RO	ROD	1	10/12/2015	12/11/2015	EPA Perf
				01	RD	RD	1	09/11/2017		EPA Perf
				02	CO	RI/FS	2	03/02/2016	09/30/2019	EPA Perf
				02	RO	ROD	2	09/30/2019	09/30/2019	R EPA Perf
				02	RD	RD	2	01/24/2020		EPA Perf

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PRN000205974 0205974	FINCA LAS LIZAS STATE ROAD 2, KM 71.5 ARECIBO, PR	00612								
				00	HX PRE-CERC	1		09/19/2006		St Perf
PRN000205989 0205989	ENCENANDA HONDA BAY/BEACH ABANDONED DRUM US FISH & WILDLIFE STORAGE WAREHOUSE CAMP GARGIA, VIEQUES, PR VIEQUES (72147)									
				00	RV RMVL	1	01/25/2006	09/17/2007	C	EPA Perf
PRN000206022 0206022	GARAGE RODRIGUEZ CALLE LUNA SAN GERMAN, PR	00683								
				00	DS DISCVRY	1	09/25/2006	09/25/2006		EPA Perf
				00	HX PRE-CERC	1		09/25/2006		EPA Perf
				00	PA PA	1	08/09/2018	08/09/2018	H	EPA Perf
				00	OO SITE REASS	1	07/09/2019	07/09/2019	N	EPA Perf
PRN000206024 0206024	R. MALDONADO PESTICIDE WAREHOUSE #2 JULIA STREET HATO REY, PR SAN JUAN (72127)	00917								
				00	PJ RP EM REM	1	08/23/2006	08/25/2006		EPA Ovrsght

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PRN000206029 0206029	WALLACE INTERNATIONAL RETIRO INDUSTRIAL PARK, CALLE B SAN GERMAN, PR	00683 00		NPL STATUS: A FEDERAL FACILITY: N ASSOCIATED SITE: PRN000205957SAN GERMAN GROUND WATER CONTAMINATION FEDERAL FACILITY DOCKET IND: N						
				00 DS DISCVRY		1	09/26/2006	09/26/2006		EPA Perf
				00 HX PRE-CERC		1		09/26/2006		EPA Perf
				00 PA PA		1	10/26/2006	02/01/2007	H	EPA Perf
				00 ES ESI		1	02/01/2007	04/11/2008	G	EPA Perf
PRN000206031 0206031	AGUADILLA AIRPORT BLDG 448 Postal Address is unavailable for the Site AGUADILLA, PR			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00 PJ RP EM REM		1	10/12/2006	05/03/2007	C	EPA Ovrsght
PRN000206054 0206054	AGUAKEM ABANDONED CHEMICALS WAREHOUSE PORT DE PONCE BUILDING 6 SANTIAGO DE LOS CABALLEROS AVE PONCE, PR PONCE (72113)	00716 98		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00 PJ RP EM REM		1	02/07/2007	05/11/2007	S	EPA Ovrsght
				00 BB PRP RV		1	06/19/2008	08/29/2008	C	EPA Ovrsght
PRN000206055 0206055	ABANDONED MECHANIC ROAD 100, KM 5.1 CABO ROJO, PR CABO ROJO (72023)	00623		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00 DS DISCVRY		1	02/08/2007	02/08/2007		EPA Perf
				00 HX PRE-CERC		1		02/08/2007		EPA Perf
				00 NX COMB PA/SI		1	03/07/2007	06/07/2007	N	EPA Perf

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				00	PA PA	1		06/07/2007	N	EPA Perf
PRN000206061 0206061	EXTASY Q PRINTS CENTRO COMERCIAL ANA MARIA CABO ROJO, PR CABO ROJO (72023)	00623			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Assessment Complete - Decision Needed FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	02/26/2007	02/26/2007		EPA Perf
				00	HX PRE-CERC	1		02/26/2007		EPA Perf
				00	PA PA	1		04/26/2007	H	EPA Perf
				00	SI SI	1	04/26/2007	12/17/2007	H	EPA Perf
PRN000206062 0206062	AUTO PIEZAS JAVY ROAD 103, KM 7.1 CABO ROJO, PR CABO ROJO (72023)	00623			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	02/26/2007	02/26/2007		EPA Perf
				00	HX PRE-CERC	1		02/26/2007		EPA Perf
				00	PA PA	1		04/26/2007	H	EPA Perf
				00	NX COMB PA/SI	1		06/27/2007	N	EPA Perf
PRN000206063 0206063	CENTRO DE TRANSMICIONES 1 CALLE JOSE DE DIEGO CABO ROJO, PR CABO ROJO (72023)	00623			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	HX PRE-CERC	1		02/26/2007		EPA Perf
				00	DS DISCVRY	1	02/26/2007	02/26/2007		EPA Perf
				00	PA PA	1		04/26/2007	H	EPA Perf
				00	SI SI	1		01/07/2008	N	EPA Perf



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PRN000206064 0206064	JUNNY AUTO PAINT ROAD 100, KM 8.0 CABO ROJO, PR CABO ROJO (72023)	00623								
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS	DISCVRY	1	02/28/2007	02/28/2007	EPA Perf
				00	HX	PRE-CERC	1		02/28/2007	EPA Perf
				00	PA	PA	1		04/26/2007	H EPA Perf
				00	SI	SI	1		01/16/2008	N EPA Perf
PRN000206065 0206065	JUNKER KENNY INC. ROAD 103, KM 4.0 CABO ROJO, PR CABO ROJO (72023)	00623								
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS	DISCVRY	1	02/28/2007	02/28/2007	EPA Perf
				00	HX	PRE-CERC	1		02/28/2007	EPA Perf
				00	PA	PA	1		04/26/2007	H EPA Perf
				00	SI	SI	1		01/02/2008	N EPA Perf
PRN000206066 0206066	CENTRO DE ACOPIO (OBRAS PUBLICAS) CALLE PERIFERAL NORTE FINAL CABO ROJO, PR CABO ROJO (72023)	00623								
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS	DISCVRY	1	02/26/2007	02/26/2007	EPA Perf
				00	HX	PRE-CERC	1		02/26/2007	EPA Perf
				00	PA	PA	1		04/26/2007	H EPA Perf
				00	SI	SI	1		02/06/2008	N EPA Perf
PRN000206068 0206068	L&R AUTO AND TRUCK REPAIR ROAD 103; KM 4.0 CABO ROJO, PR CABO ROJO (72023)	00623								
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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				00	HX PRE-CERC	1		02/28/2007		EPA Perf
				00	DS DISCVRY	1	02/28/2007	02/28/2007		EPA Perf
				00	SI SI	1	03/13/2007	12/27/2007	N	EPA Perf
				00	PA PA	1		04/26/2007	H	EPA Perf
PRN000206069 0206069	RADIADORES W/PAPO QUINONES AUTO REPAIR SHOP ROAD 103, KM 5.4 CABO ROJO, PR CABO ROJO (72023)	00623								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	02/27/2007	02/27/2007		EPA Perf
				00	HX PRE-CERC	1		02/28/2007		EPA Perf
				00	PA PA	1		04/26/2007	H	EPA Perf
				00	SI SI	1	08/01/2007	12/05/2007	N	EPA Perf
PRN000206072 0206072	BORINCANO DRY CLEANING 52 CALLE BRAU CABO ROJO, PR	00623								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	02/26/2007	02/26/2007		EPA Perf
				00	DS DISCVRY	2	02/26/2007	02/26/2007		EPA Perf
				00	HX PRE-CERC	1		02/26/2007		EPA Perf
				00	PA PA	1		04/26/2007	H	EPA Perf
				00	SI SI	1		12/04/2007	N	EPA Perf
PRN000206082 0206082	FUTURE BLINDS AUTOMOBILE COMMERCIAL AREA ROAD 103, KM 4.1 CABO ROJO, PR	00623								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	03/21/2007	03/21/2007		EPA Perf
				00	HX PRE-CERC	1		03/26/2007		EPA Perf

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				00	PA PA	1		04/26/2007	H	EPA Perf
				00	SI SI	1		12/13/2007	N	EPA Perf
PRN000206212 0206212	PUERTO RICO PYROTECHNICS PUERTO RICO HIGHWAY #2, KM 19.5 TOA BAJA, PR TOA BAJA (72137)	00957 02		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	RV RML	1	06/19/2007	08/14/2007	C	EPA Perf
PRN000206219 0206219	PONCE INTERCONTINENTAL ASBESTOS SECTOR EL VIGIA PONCE, PR PONCE (72113)	00731 98		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ RP EM REM	1	06/06/2007			EPA Ovrsght
				00	BB PRP RV	1	04/14/2008	04/21/2010	S	EPA Ovrsght
				00	RV RML	1	02/22/2011	06/21/2011	S	EPA Perf
PRN000206285 0206285	GUAYAMA GROUNDWATER CONTAMINATION PASEO DEL PUEBLO NO. 6 FISA BUILDING #1 GUAYAMA, PR GUAYAMA (72057)	00784		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	PA PA	1		02/06/2008	H	EPA Perf
				00	DS DISCVRY	1	04/01/2008	04/01/2008		EPA Perf
				00	SI SI	1		09/19/2008	H	EPA Perf
PRN000206288 0206288	PYROTECHNICS ISLA DE CABRAS CATANO, PR CATANO (72033)	00962 00		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						

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				00	PJ RP EM REM	1	06/16/2006	11/09/2007	S	EPA Ovrsght
PRN000206298 0206298	DESECHEO NATIONAL WILDLIFE REFUGE P.O. BOX 510 CARR.301, K.M 5.1 BOQUERON, PR	00622								
					NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: Other Cleanup Activity: Federal Facility-Lead Cleanup FEDERAL FACILITY DOCKET IND: Y					
				00	DS DISCVRY	1	07/11/2003	07/11/2003		EPA Perf
				00	RX FF PA	1		07/06/2006	L	EPA Perf In-Hse
				00	TY FF SI REV	1		02/06/2009	AC	EPA Perf In-Hse
PRN000206319 0206319	CABO ROJO GROUND WATER CONTAMINATION CROSS STR. CALLE BARBOSA & CALLE DEDIEGO CABO ROJO, PR CABO ROJO (72023)	00623 98	18.090725 -67.148325 EPA HQ							
					NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1		03/15/2007		EPA Perf
				00	PA PA	1		12/17/2007	H	EPA Perf
				00	HR HAZRANK	1		10/21/2010	O	EPA Perf
				00	NP PROPOSED	1		10/21/2010		EPA Perf
				00	NF NPL FINL	1		03/10/2011		EPA Perf
				01	CO RI/FS	1	03/10/2011	05/09/2019		EPA Perf
				01	TA TECH ASSIST	1	04/12/2013			EPA Perf
				01	RO ROD	1	05/09/2019	05/09/2019	R	EPA Perf
PRN000206354 0206354	FORMER EDWARD'S DRY CLEANERS FACILITY DORADO MAHI MAHI SHOPPING VILLAGE DORADO, PR	00646								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: SI Ongoing FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	09/01/2009	09/01/2009		EPA Perf

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				00	HX PRE-CERC	1		02/04/2010		EPA Perf
				00	PA PA	1		12/06/2010	H	EPA Perf
				00	SI SI	1		11/07/2011	N	EPA Perf
PRN000206355 0206355	HIGUILLAR DRY CLEANERS ROUTE 695, KM 1.3, BUILDING 1, LOT 7 BO. HIGUILLAR, DORADO, PR	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: HRS Start Needed FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	08/25/2009	08/25/2009		EPA Perf
				00	HX PRE-CERC	1	02/04/2010	02/04/2010		EPA Perf
				00	PA PA	1	04/18/2011	04/18/2011	H	EPA Perf
				00	SI SI	1	11/14/2011	11/14/2011	H	EPA Perf
				00	OO SITE REASS	1	07/22/2015	07/22/2015	H	EPA Perf
PRN000206356 0206356	GREEN POINT SIGN & SCREEN PRINTING ROUTE 694 KM 4.0 BO. MAGUAYO, DORADO, PR	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	PA PA	1	03/28/2013	03/28/2013	H	EPA Perf
				00	SI SI	1	04/15/2014	05/07/2014	N	EPA Perf
PRN000206357 0206357	NARVAEZ CLEANERS AND TAILORING 353 CALLE MENDEZ VIGO DORADO, PR	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: ESI Start Needed FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	08/25/2009	08/25/2009		EPA Perf
				00	HX PRE-CERC	1	02/04/2010	02/04/2010		EPA Perf
				00	PA PA	1	03/28/2013	03/28/2013	H	EPA Perf
				00	SI SI	1	03/26/2014	05/21/2014	N	EPA Perf
				00	OO SITE REASS	1	07/21/2015	07/21/2015	H	EPA Perf

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PRN000206358 0206358	LAUNDRY ESPINOSA ROUTE 2, KM 27.4 BO. ESPINOSA, DORADO, PR	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	08/25/2009	08/25/2009		EPA Perf
				00	HX PRE-CERC	1	02/04/2010	02/04/2010		EPA Perf
				00	PA PA	1	04/18/2011	04/18/2011	H	EPA Perf
				00	SI SI	1	11/08/2011	11/08/2011	N	EPA Perf
				00	OO SITE REASS	1	07/07/2015	07/07/2015	N	EPA Perf
PRN000206359 0206359	HORMIGAS GROUND WATER PLUME CARRETERA 785 KM 4.9 CAGUAS, PR CAGUAS (72025)	00725 98	18.220600 -66.101000 EPA HQ	NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	01/13/2010	01/13/2010		EPA Perf
				00	PA PA	1	03/11/2010	03/11/2010	G	EPA Perf In-Hse
				00	NP PROPOSED	1	10/21/2010	10/21/2010		EPA Perf
				00	HR HAZRANK	1	10/21/2010	10/21/2010		EPA Perf
				00	NF NPL FINL	1	03/10/2011	03/10/2011		EPA Perf
				00	CQ CLSOUT R	1	07/05/2017	07/05/2017		EPA Perf
				01	CO RI/FS	1	03/22/2011	09/28/2016		EPA Perf
				01	RO ROD	1	09/28/2016	09/28/2016		EPA Perf
				01	TA TECH ASSIST	1	10/12/2017			EPA Perf
PRN000206360 0206360	EDWARD'S DRY CLEANERS TOA BAJA 22 AVENIDA GALAXIA, BO. TOAVILLE TOA BAJA, PR	00951		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	SI SI	1	11/02/2001	11/02/2001	N	EPA Perf
				00	DS DISCVRY	1	08/25/2009	08/25/2009		EPA Perf
				00	HX PRE-CERC	1	08/25/2009	02/04/2010		EPA Perf

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				00	PA PA	1	04/18/2011	04/18/2011	H	EPA Perf
				00	OO SITE REASS	1	07/01/2015	07/01/2015	N	EPA Perf
PRN000206371 0206371	PRIDCO BLOCK NO: L-439-0-97 HIGUILLAR INDRUSTRIAL PARK, ROUTE 694 DORADO, PR	00646			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	HX PRE-CERC	1	07/14/2009	02/04/2010		EPA Perf
				00	DS DISCVRY	1	02/04/2010	02/04/2010		EPA Perf
				00	PA PA	1	12/13/2010	12/13/2010	H	EPA Perf
				00	SI SI	1	04/10/2012	04/10/2012	H	EPA Perf
				00	OO SITE REASS	1	08/05/2015	08/05/2015	N	EPA Perf
PRN000206372 0206372	PRIDCO BUILDINGS NOS. T-0957-0-68/ T- 0957-1-71/T-0957-2-72/T-1053-0-73/T-1053- 1-90 ROUTE 693, KM. 7.3 DORADO INDUSTRIAL PAR DORADO, PR	00646			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: HRS Start Needed FEDERAL FACILITY DOCKET IND: N					
				00	HX PRE-CERC	1	09/01/2009	11/09/2009		EPA Perf
				00	DS DISCVRY	1	11/09/2009	11/09/2009		EPA Perf
				00	PA PA	1		12/13/2010	H	EPA Perf
				00	SI SI	1		01/25/2012	H	EPA Perf
PRN000206373 0206373	PRIDCO BUILDING NOS: S-0838-0-67 AND T-0998-0-74 DORADO INDUSTRIAL PARK, ROUTE 693 KM 7.1 DORADO, PR	00646			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	HX PRE-CERC	1	09/01/2009	02/04/2010		EPA Perf

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				00	DS DISCVRY	1	02/04/2010	02/04/2010		EPA Perf
				00	PA PA	1		01/12/2011	H	EPA Perf
				00	SI SI	1		04/04/2012	N	EPA Perf
PRN000206374 0206374	PRIDCO BUILDING NOS: T-0868-0-67 AND T-0868-1-69 ROUTE 693, DORADO INDUSTRIAL PARK DORADO, PR	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	HX PRE-CERC	1	09/01/2009	02/03/2010		EPA Perf
				00	DS DISCVRY	1	02/03/2010	02/03/2010		EPA Perf
				00	PA PA	1		12/13/2010	H	EPA Perf
				00	SI SI	1		10/12/2011	N	EPA Perf
PRN000206375 0206375	PRIDCO BUILDINGS NO:T-0638-0-66 AND T-0638-1-67 415 ROUTE 693, DORADO INDUSTRIAL PARK DORADO, PR	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	HX PRE-CERC	1	09/01/2009	10/29/2009		EPA Perf
				00	DS DISCVRY	1	10/29/2009	10/29/2009		EPA Perf
				00	PA PA	1	01/14/2011	01/14/2011	H	EPA Perf
				00	SI SI	1	07/27/2011	07/27/2011	N	EPA Perf
				00	OO SITE REASS	1	07/08/2015	07/08/2015	N	EPA Perf
PRN000206379 0206379	PRIDCO BUILDING NO:S-0050-0-51 INTERSECTION OF ROUTES 165 AND 854 BO.MA DORADO, PR	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	09/01/2009	09/01/2009		EPA Perf
				00	HX PRE-CERC	1	09/01/2009	10/22/2009		EPA Perf



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				00	PA PA	1		01/13/2011	H	EPA Perf
				00	SI SI	1		06/06/2011	N	EPA Perf
PRN000206380 0206380	PRIDCO BUILDING NO: T-0320-0-56 ROUTE 854, BO MAMEYAL DORADO, PR	00646			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	HX PRE-CERC	1	09/01/2009	10/28/2009		EPA Perf
				00	DS DISCVRY	1	03/08/2010	03/08/2010		EPA Perf
				00	PA PA	1		01/12/2011	H	EPA Perf
				00	SI SI	1		07/25/2011	N	EPA Perf
PRN000206381 0206381	PRIDCO BUILDING NO: S-0745-0-66 DORADO INDUSTRIAL PARK, ROUTE 693 DORADO, PR	00646			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	09/01/2009	09/01/2009		EPA Perf
				00	HX PRE-CERC	1	09/01/2009	10/28/2009		EPA Perf
				00	PA PA	1		01/12/2011	H	EPA Perf
				00	SI SI	1		11/07/2011	N	EPA Perf
PRN000206382 0206382	PRIDCO LOT NOS: L-107-2-64-16/18/19 9 ROUTE #696 BO. DORADO DORADO, PR	00646			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	09/01/2009	09/01/2009		EPA Perf
				00	HX PRE-CERC	1	09/01/2009	10/22/2009		EPA Perf
				00	PA PA	1		01/13/2011	H	EPA Perf
				00	SI SI	1		07/25/2011	N	EPA Perf

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PRN000206383 0206383	PRIDCO BUILDINGS NO: S-1166-0-74 AND S-1166-0-80 DORADO INDUSTRIAL PARK, ROUTE 693 KM7.0 DORADO, PR	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00 DS DISCVRY		1	08/25/2009	08/25/2009		EPA Perf
				00 HX PRE-CERC		1	08/25/2009	02/23/2010		EPA Perf
				00 PA PA		1		01/13/2011	H	EPA Perf
				00 SI SI		1		11/07/2011	N	EPA Perf
PRN000206384 0206384	PRIDCO BUILDING NO. T-1322-0-88 DORADO INDUSTRIAL PARK, ROUTE 693 DORADO, PR	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00 DS DISCVRY		1	09/01/2009	09/01/2009		EPA Perf
				00 HX PRE-CERC		1	09/01/2009	02/03/2010		EPA Perf
				00 PA PA		1		01/13/2011	H	EPA Perf
				00 SI SI		1		04/04/2012	N	EPA Perf
PRN000206385 0206385	PRIDCO BUILDING NO. T-1125-0-73 AND T-1125-1-79 DORADO INDUSTRIAL PARK, 415 ROUTE 693 DORADO, PR	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: HRS Start Needed FEDERAL FACILITY DOCKET IND: N						
				00 DS DISCVRY		1	09/01/2009	09/01/2009		EPA Perf
				00 HX PRE-CERC		1	09/01/2009	02/03/2010		EPA Perf
				00 PA PA		1		01/12/2011	H	EPA Perf
				00 SI SI		1		04/04/2012	H	EPA Perf

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PRN000206388 0206388	UNIVERSAL CONTAINERS CORP. AVE ANTONIO R BARCELO CAYEY, PR CAYEY (72035)	00736		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00 DS DISCVRY	1	05/02/2010	05/02/2010		EPA Perf
				00 HX PRE-CERC	1		05/02/2010		EPA Perf
				00 PA PA	1	12/07/2016	12/07/2016	N	St Perf
PRN000206389 0206389	CAYEY DRY CLEANING AVENIDA INDUSTRIAL NO. 52 CAYEY, PR	00736		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00 HX PRE-CERC	1	10/01/2009	05/02/2010		EPA Perf
				00 DS DISCVRY	1	05/02/2010	05/02/2010		EPA Perf
				00 PA PA	1	04/19/2011	04/19/2011	H	EPA Perf
				00 SI SI	1	11/08/2011	11/08/2011	N	EPA Perf
				00 OO SITE REASS	1	06/25/2015	06/25/2015	N	EPA Perf
PRN000206390 0206390	CAYEY OBRAS PUBLICAS CALLE MATIAS SOTO CAYEY, PR	00736		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00 HX PRE-CERC	1	10/01/2009	05/02/2010		EPA Perf
				00 DS DISCVRY	1	05/02/2010	05/02/2010		EPA Perf
				00 PA PA	1	04/19/2011	04/19/2011	H	EPA Perf
				00 SI SI	1	11/07/2011	11/07/2011	N	EPA Perf
				00 OO SITE REASS	1	07/01/2015	07/01/2015	N	EPA Perf
PRN000206391 0206391	DAVILA AUTO PARTS AND MACHINE SHOP CRUZE DE GUAYAMA #1 CAYEY, PR	00736		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					

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				00	HX PRE-CERC	1	10/01/2009	05/02/2010		EPA Perf
				00	DS DISCVRY	1	05/02/2010	05/02/2010		EPA Perf
				00	PA PA	1	04/19/2011	04/19/2011	H	EPA Perf
				00	SI SI	1	11/07/2011	11/07/2011	N	EPA Perf
				00	OO SITE REASS	1	07/14/2015	07/14/2015	N	EPA Perf
PRN000206392 0206392	FORMER AT &T STATE ROAD 1, KM 54.3 CAYEY, PR	00736		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	HX PRE-CERC	1	10/01/2009	05/02/2010		EPA Perf
				00	DS DISCVRY	1	05/02/2010	05/02/2010		EPA Perf
				00	PA PA	1		07/13/2011	N	EPA Perf
PRN000206393 0206393	JC DESIGN PRINTING AVENIDA JOSE DE DIEGO #250 CAYEY, PR	00736		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	HX PRE-CERC	1	10/01/2009	05/02/2010		EPA Perf
				00	DS DISCVRY	1	05/02/2010	05/02/2010		EPA Perf
				00	PA PA	1	04/19/2011	04/19/2011	H	EPA Perf
				00	SI SI	1	11/08/2011	11/08/2011	N	EPA Perf
				00	OO SITE REASS	1	07/07/2015	07/07/2015	N	EPA Perf
PRN000206395 0206395	TORITO'S DRY CLEANERS AVENIDA BARCELO #2 CAYEY, PR	00736		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	HX PRE-CERC	1	10/01/2009	05/02/2010		EPA Perf
				00	DS DISCVRY	1	05/02/2010	05/02/2010		EPA Perf

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				00	PA PA	1	07/28/2016	07/28/2016	H	EPA Perf
				00	SI SI	1	07/12/2017	07/12/2017	N	EPA Perf
PRN000206452 0206452	COROZAL WELL [OFF OF] CARRETERA 811 KM 3.0 COROZAL, PR COROZAL (72047)	00783 99	+18.295711 -66.286206 EPA HQ	NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	2	12/06/2010	12/06/2010		EPA Perf
				00	RV RMVL	1	01/24/2011	09/28/2018	C	EPA Perf
				00	PA PA	1	02/03/2011	02/03/2011	H	EPA Perf
				00	NP PROPOSED	1	09/16/2011	09/16/2011		EPA Perf
				00	HR HAZRANK	1	09/16/2011	09/16/2011	O	EPA Perf
				00	NF NPL FINL	1	03/15/2012	03/15/2012		EPA Perf
				00	CM PCOR	1	03/31/2020	03/31/2020		EPA Perf
				01	CO RI/FS	1	03/12/2012	09/29/2015		EPA Perf
				01	RO ROD	1	09/29/2015	09/29/2015	R	EPA Perf
				01	RD RD	1	07/19/2016	09/19/2018		EPA Perf
				01	RA RA	1	09/27/2018	09/26/2019		EPA Perf
				01	LR LT RESP	1	09/26/2019			EPA Perf
PRN000206457 0206457	JR AUTO BODY COLLISION & PAINT CARR. 172 KM 6.6 CAGUAS, PR	00726		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: PA Start Needed FEDERAL FACILITY DOCKET IND: N						
				00	HX PRE-CERC	1		02/04/2010		EPA Perf
PRN000206458 0206458	TALLER POTOTO CARR. 785 KM 4.3, BARRIO HORMIGAS CAGUAS, PR	00725		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: PA Start Needed FEDERAL FACILITY DOCKET IND: N						
				00	HX PRE-CERC	1		02/04/2010		EPA Perf

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PRN000206459 0206459	COUNTRY PROFESSIONAL DRY CLEANERS CARR 172KM 6.6, BO CANABONCITO CAGUAS, PR	00725		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: PA Start Needed FEDERAL FACILITY DOCKET IND: N						
				00	HX	PRE-CERC	1	02/04/2010		EPA Perf
PRN000206460 0206460	MARIEL T-SHIRTS CARR.172 KM 6.2 INTERIOR, SECTOR CANABON CAGUAS, PR	00726		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: PA Start Needed FEDERAL FACILITY DOCKET IND: N						
				00	HX	PRE-CERC	1	02/04/2010		EPA Perf
PRN000206461 0206461	NARVAEZ CLEANERS CARR. 172KM 5.4, BARRIO CANABONCITO, SECTOR LA SIERRA CAGUAS, PR	00725		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: PA Start Needed FEDERAL FACILITY DOCKET IND: N						
				00	HX	PRE-CERC	1	02/04/2010		EPA Perf
PRN000206462 0206462	SAN LORENZO BUSLINE CARR 785 KM 5.9, BOQUERON CANABONCITO CAGUAS, PR	00727		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: PA Start Needed FEDERAL FACILITY DOCKET IND: N						
				00	HX	PRE-CERC	1	02/04/2010		EPA Perf
PRN000206463 0206463	TALLER GONZALEZ CARR. 785 KM 5.7, BARRIO HORMIGAS CAGUAS, PR	00725		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: PA Start Needed FEDERAL FACILITY DOCKET IND: N						



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				00	PJ RP EM REM	1	12/28/2012	01/04/2013	S	EPA Ovrsght
PRN000206680 0206680	BARRIO CARRERAS ABANDONED DRUM NEAR CARR 405, KM 2.0 INTERIOR AÑASCO, PR ANASCO (72011)	00610 00								
										NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N
				00	RV RML	1	01/08/2013	09/13/2013	C	EPA Perf
PRN000206687 0206687	MEDICAL ARTS COMPLEX PIER 15, PORTS AUTHORITY NEAR CALLE SAN ANDRÉS SAN JUAN, PR SAN JUAN (72127)	00901 00								
										NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N
				00	PJ RP EM REM	1	03/03/2012	10/11/2012	S	EPA Ovrsght
PRN008003287 0204474	MAX CHEMICAL INC. LAS BRISAS ST., LOT 6, SABANA LLANA INDUSTRIAL PARK SAN JUAN, PR SAN JUAN (72127)	00924								
										NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N
				00	DS DISCVRY	1	05/05/2003	05/05/2003		EPA Perf
				00	PA PA	1	05/05/2003	09/18/2003	L	St Perf
				00	SI SI	1	09/18/2003			St Perf
				00	OO SITE REASS	1	09/14/2018	09/14/2018	N	EPA Perf
PRN008008773 0206353	FORMER NARVAEZ CLEANERS AND TAILORING FACILITY DORADO DEL MAR SHOPPING CENTER DORADO, PR	00646								
										NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N
				00	DS DISCVRY	1	08/25/2009	08/25/2009		EPA Perf



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				00	HX PRE-CERC	1	02/04/2010	02/04/2010		EPA Perf
				00	PA PA	1	03/28/2013	03/28/2013	H	EPA Perf
				00	SI SI	1	02/25/2014	05/14/2014	N	EPA Perf
PRN008009185 0206057	D'ELEGANT FANTASTIC DRY CLEANERS ROAD 308/ CENTRO COMMERCIAL LA 100 CABO ROJO, PR CABO ROJO (72023)	00623		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Assessment Complete - Decision Needed FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	02/14/2007	02/14/2007		EPA Perf
				00	HX PRE-CERC	1		02/14/2007		EPA Perf
				00	PA PA	1	03/07/2007	04/26/2007	H	EPA Perf
				00	SI SI	1	03/07/2007	10/18/2007	H	EPA Perf
PRN008015927 0203323	VIEQUES LANDFILL FIRE RTE 200, BARRIO BASTIMENTO VIEQUES, PR VIEQUES (72147)	00765		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ RP EM REM	1	05/14/2019	05/19/2019	S	EPA Ovrsght
PRN008016727 0206336	SUIZA DAIRY AGUADILLA AMMONIA THREAT ROAD 467, KM. 0.9 AGUADILLA, PR AGUADILLA (72005)	00603		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ RP EM REM	1	05/21/2009	06/25/2009	S	EPA Ovrsght
PRN008020158 0200113	Integrated Waste Management Road 385 Km 2.4 PENUELAS, PR PENUELAS (72111)	00624		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	RV RMVL	1	03/18/2014	05/14/2014	S	EPA Perf

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PRO007000631 0204454	OBRAS PUBLICAS MUNICIPALES- BARCELONETA OLD PLAZUELA SUGAR MILL, SECTOR PICHE BARCELONETA, PR BARCELONETA (72017)	00617			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	09/19/2002	09/19/2002		EPA Perf
				00	PA PA	1	09/19/2002	08/23/2005	H	EPA Perf
				00	OO SITE REASS	1	08/14/2018	08/14/2018	H	EPA Perf
				00	OO SITE REASS	2	09/24/2019	09/24/2019	N	EPA Perf
PRR000004655 0206263	THE BATTERY RECYCLING COMPANY ROAD 2 KM 72.2 BO. CAMBALACHE ARECIBO, PR ARECIBO (72013)	00612 98	+18.453603 -66.694097 EPA HQ		NPL STATUS: F FEDERAL FACILITY: N FEDERAL FACILITY DOCKET IND: N					
				00	RV RMVL	1	05/07/2011	12/20/2015	C	EPA Perf
				00	DS DISCVRY	1	02/19/2016	02/19/2016		EPA Perf
				00	RV RMVL	2	04/13/2016	09/15/2019	S	EPA Perf
				00	PA PA	1	06/03/2016	06/03/2016	H	EPA Perf
				00	SI SI	1	08/26/2016	08/26/2016	G	EPA Perf
				00	HR HAZRANK	1	09/09/2016	09/09/2016	O	EPA Perf
				00	NP PROPOSED	1	09/09/2016	09/09/2016		EPA Perf
				00	NF NPL FINL	1	08/03/2017	08/03/2017		EPA Perf
				01	CO RI/FS	1	09/01/2017			EPA Perf
PRR000010769 0204307	SOUTHWIRE LOIZA SUGAR CO. PR HIGHWAY 951, KM 2.4 CANOVANAS, PR CANOVANAS (72029)	00729			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
				00	RS RV ASSESS	1	06/20/2000	06/20/2000		EPA Perf
				00	DS DISCVRY	1	03/08/2002	03/08/2002		EPA Perf

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				00	BB PRP RV	1	09/12/2002	03/09/2009	C	EPA Ovrsght
				00	NX COMB PA/SI	1		07/12/2004	N	EPA Perf
PRR000011270 0206482	CANMAR PRODUCTS INC STATE RD. 835, KM 0.5 GUAYNABO, PR GUAYNABO (72061)	00970 00		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
				00	PJ RP EM REM	1	08/04/2011	08/05/2011	C	EPA Ovrsght
PRR000012674 0206352	METAL MACHINING CO., INC ROUTE 2, KM 24.8 BO. ESPINOSA, DORADO, PR	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	08/25/2009	08/25/2009		EPA Perf
				00	HX PRE-CERC	1	02/04/2010	02/04/2010		EPA Perf
				00	PA PA	1	04/02/2013	04/02/2013	H	EPA Perf
				00	SI SI	1	06/28/2013	05/08/2014	N	EPA Perf
PRR000013433 0206056	CABO ROJO PROFESSIONAL DRY CLEANERS 50 CALLE CARBONELL CABO ROJO, PR CABO ROJO (72023)			NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Assessment Complete - Decision Needed FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	02/14/2007	02/14/2007		EPA Perf
				00	HX PRE-CERC	1		02/14/2007		EPA Perf
				00	SI SI	1	04/26/2007	10/31/2007	H	EPA Perf
				00	PA PA	1		04/26/2007	H	EPA Perf
				00	PJ RP EM REM	1	03/20/2012	05/23/2012	S	EPA Ovrsght
PRR000019422 0206361	ADRIEL AUTO ROUTE 2 KM 23.0 DORADO, PR	00646		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Deferred to RCRA (Subtitle C) FEDERAL FACILITY DOCKET IND: N						

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				00	HX PRE-CERC	1	08/24/2009	02/04/2010		EPA Perf
				00	DS DISCVRY	1	09/30/2009	09/30/2009		EPA Perf
				00	PA PA	1	03/28/2013	03/28/2013	H	EPA Perf
				00	SI SI	1	09/18/2013	06/04/2014	D	EPA Perf
PRR000021253 0206342	PUERTO NUEVO RADIATION RESPONSE CALLE C FINAL, ZONA PUERTARIA MUELLE M SAN JUAN, PR SAN JUAN (72127)	00922 00								
										NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N
				00	PJ RP EM REM	1	07/01/2009	07/02/2009	S	EPA Ovrsght
PRR000023721 0206495	FEDERICO ASENJO SCHOOL 2015 AVE. BORINQUEN, BARRIO OBRERO SANTURCE, PR SAN JUAN (72127)	00								
										NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N
				00	PJ RP EM REM	1	01/25/2011	06/30/2011	S	EPA Ovrsght
PRR000024539 0202723	USACE PORTUGUES DAM P.R. Road 10, km 5.5 PONCE, PR PONCE (72113)	00731								
										NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y
				00	DS DISCVRY	1	12/31/2014	12/31/2014		EPA Perf
				00	RX FF PA	1	02/24/2016	02/24/2016	N	EPA Perf In-Hse
PRR000024885 0202743	FEDERICO DEGETAU FEDERAL OFFICE BUILDING 150 Carlos Chardon Avenue Room 359 SAN JUAN, PR SAN JUAN (72127)	00918								
										NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y

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				00	DS DISCVRY	1	08/17/2015	08/17/2015		EPA Perf In-Hse
				00	RX FF PA	1	08/17/2016	08/17/2016	N	EPA Perf
PRR000025601 0202583	CARIBBEAN CAN MANUFACTURING, LLC 1129 Hostos Avenue PONCE, PR PONCE (72113)	00717								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N					
				00	PJ RP EM REM	1	10/08/2015	10/25/2015		EPA Ovrsght
PRSFN0204245 0204245	SCORPIO RECYCLING CO. SAN VICENTE SUGAR MILL ROUTE 688 WEST OF RIO CIBUCO VEGA BAJA, PR									
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	11/11/1999	11/11/1999		EPA Perf
				00	PA PA	1	12/02/1999	02/28/2000	H	EPA Perf
				00	SI SI	1	03/15/2000	07/24/2002	L	EPA Perf
				00	OO SITE REASS	1	08/07/2018	08/07/2018	H	EPA Perf
				00	OO SITE REASS	2	09/10/2019	09/10/2019	N	EPA Perf
PRSFN0204247 0204247	SCORPIO RECYCLING CO. ISLA GRANDE DOCK LINDBERGH ST, NEAR INT RTE 1 & 35 AEROPUERTO ISLA GRANDE SAN JUAN, PR	00907								
					NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Assessment Complete - Decision Needed FEDERAL FACILITY DOCKET IND: N					
				00	DS DISCVRY	1	11/11/1999	11/11/1999		EPA Perf
				00	PA PA	1	12/07/1999	02/28/2000	H	EPA Perf
				00	SI SI	1	03/02/2000	10/30/2000	H	EPA Perf
				00	OO SITE REASS	1	07/12/2018	07/12/2018	H	EPA Perf
				00	OO SITE REASS	2	09/26/2019	09/26/2019	G	EPA Perf

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PRSFN0204248 0204248	RECOVERY & RECYCLING CO MERCEDITA AIRPORT SITE STATE ROAD NO. 1 KM 123 PONCE, PR									
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	11/11/1999	11/11/1999		EPA Perf
				00	PA PA	1	12/02/1999	02/28/2000	H	EPA Perf
				00	SI SI	1	03/15/2000	05/30/2001	H	EPA Perf
				00	OO SITE REASS	1	07/11/2018	07/11/2018	H	EPA Perf
				00	OO SITE REASS	2	09/26/2019	09/26/2019	N	EPA Perf
PRSFN0204257 0204257	RECOVERY & RECYCLING CO. PLAYA DE PONCE STATE RD NO. 10 CALLE COMERIO, BO PLAYA DE PONCE PONCE, PR									
				NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Other Cleanup Activity - Municipal/Other Government Lead Cleanup FEDERAL FACILITY DOCKET IND: N						
				00	DS DISCVRY	1	11/11/1999	11/11/1999		EPA Perf
				00	PA PA	1		02/28/2000	H	EPA Perf
				00	SI SI	1		07/24/2002	L	EPA Perf
				00	OO SITE REASS	1	07/11/2018	07/11/2018	H	EPA Perf
				00	OO SITE REASS	2	09/25/2019	09/25/2019	G	EPA Perf
VI0000591875 0204271	FLAMINGO BAY ARMY TEST AREAS- FORMER FORT SEGARRA WATER ISLAND ST. THOMAS, VI ST. THOMAS (78030)	00802								
				NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y						
				00	DS DISCVRY	1	06/12/2000	06/12/2000		EPA Perf
				00	RX FF PA	1		03/15/2002	L	EPA Perf In- Hse
				00	TY FF SI REV	1	05/27/2006	06/13/2007	N	EPA Perf In-

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PR0000014969 0203828	GUAYAMA METALS ST RD #3 KM149.0 MOSQUITO WARD, PR GUAYAMA (72057)	00784	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	10/11/1992	10/11/1992	St Perf
			00	PA	PA	1	10/11/1992	06/15/1993	N St Perf
			00	VS	ARCH SITE	1		06/15/1993	EPA Perf In-Hse
PR0000351361 0203898	PREPA OLD SANTURCE STEAM PLANT WILSON ST (ADJ BALDORIOTY DE CASTRO AVE) SANTURCE, PR SAN JUAN (72127)	00936	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	11/02/1993	11/02/1993	EPA Perf
			00	VS	ARCH SITE	1		05/11/1999	EPA Perf In-Hse
			00	PA	PA	1	01/17/2018	01/17/2018	N EPA Perf In-Hse
PR0000351486 0203899	LOT 13; PUERTO RICO INDUSTRIAL PARK STATE ROAD #3, AT KM 12.6 TRUJILLO BAJO WARD, PR CAROLINA (72031)	00985	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA	PA	1	09/30/1993	09/07/1994	L St Perf
			00	DS	DISCVRY	1	05/11/1994	05/11/1994	St Perf
			00	SI	SI	1	01/25/1996	09/29/1998	N St Perf
			00	VS	ARCH SITE	1		10/20/1998	EPA Perf In-Hse
PR0000351502 0203897	RECYCLING DEL CARIBE INC STATE ROAD 3 KM 156.4 AGUIRRE WARD, PR SALINAS (72123)	00751	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	12/20/1993	12/20/1993		EPA Perf
			00	PA PA	1		06/08/1994	H	St Perf
			00	SI SI	1	04/26/1998	11/18/1998	N	EPA Perf
			00	VS ARCH SITE	1		02/23/1999		EPA Perf In-Hse
PR0000375014 0203904	PREPA SANTURCE ELECTRIC POWER PLANT WILSON ST SANTURCE, PR SAN JUAN (72127)	00936	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	09/30/1993	08/30/1994	N	St Perf
			00	DS DISCVRY	1	04/30/1994	04/30/1994		St Perf
			00	VS ARCH SITE	1		08/30/1994		EPA Perf In-Hse
PR0000854521 0203921	CAPSULE TECHNOLOGY #3, PRIDCO INDUSTRIAL PARK PALMAS WARD, PR ARROYO (72015)	00615	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	08/23/1994	08/23/1994		St Perf
			00	PA PA	1	09/30/1994	04/23/1995	N	St Perf
			00	VS ARCH SITE	1		01/22/1996		EPA Perf In-Hse
PR0000980789 0203931	HILL BROTHERS SITE PARCEL #419 HILL BROTHER'S PARCELS, PR SAN JUAN (72127)	00924	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	11/06/1994	11/06/1994		St Perf
			00	PA PA	1		09/17/1996	H	St Perf



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			00	SI	SI	1	09/20/2000	N	St Perf	
			00	VS	ARCH SITE	1	10/01/2000		EPA Perf In-Hse	
PR0001150671 0204008	SALTO'S BATTERY SITE ROAD #173 K.M. 5.8 CIDRA, PR	00739	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	PA	PA	1	09/29/1994	09/11/1995	H	St Perf
			00	DS	DISCVRY	1	08/15/1995	08/15/1995		St Perf
			00	SI	SI	1	04/26/1998	12/16/1998	N	EPA Perf
			00	VS	ARCH SITE	1		02/24/1999		EPA Perf In-Hse
PR0001150689 0204007	BORINQUEN METALS SCRAP II ROAD #189 K.M. 9.0 GURABO, PR	00778	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	PA	PA	1	09/30/1994	09/11/1995	H	St Perf
			00	DS	DISCVRY	1	08/15/1995	08/15/1995		St Perf
			00	SI	SI	1	04/26/1998	09/29/1999	N	EPA Perf
			00	VS	ARCH SITE	1		09/29/1999		EPA Perf In-Hse
PR0001150697 0204009	CENTRO ASA MOROVIS ROAD #155 K.M. 12.6 MOROVIS, PR	00687	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	PA	PA	1	09/30/1994	09/11/1995	N	St Perf
			00	DS	DISCVRY	1	08/15/1995	08/15/1995		St Perf
			00	VS	ARCH SITE	1		01/30/1997		EPA Perf In-Hse

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PR0001626555 0204076	BORINQUEN BURNING SITE STATE ROAD #765, KM 0 BORINQUEN WARD, PR CAGUAS (72025)	00725	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	08/27/1996	08/27/1996		St Perf
			00	PA	PA	1		01/14/1997	N	St Perf
			00	VS	ARCH SITE	1		09/29/1997		EPA Perf In-Hse
PR0001764950 0204086	ARMY AIR SUPPORT FACILITY Postal Address is unavailable for the Site SAN JUAN, PR		NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y							
			00	DS	DISCVRY	1	04/15/1988	04/15/1988		EPA Perf
			00	PA	PA	1		06/10/1997	N	EPA Perf
			00	VS	ARCH SITE	1		04/21/1998		EPA Perf In-Hse
			00	RX	FF PA	1		09/13/1999	N	EPA Perf In-Hse
PR0002043123 0204207	SANTURCE ELECTRIC GROUP 142 & 171 CALLE MANUEL CORCHADO SANTURCE, PR SAN JUAN (72127)	00911	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N							
			00	RV	RMVL	1	06/13/1999	01/09/2000	C	EPA Perf
			00	VS	ARCH SITE	1		08/17/2003		EPA Perf In-Hse
PR0002110476 0204123	CARIBBEAN SCIENTIFIC CORP. 41 MUNOZ RIVERA STREET CAGUAS, PR CAGUAS (72025)	00726	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N							

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			00	RS	RV ASSESS	1	10/30/1997	11/12/1997	EPA Perf
			00	RV	RMVL	1	01/12/1998	02/05/1998	C EPA Perf
			00	VS	ARCH SITE	1		09/29/2001	EPA Perf In-Hse
PR0002111664 0204239	SAN JUAN POST OFFICE AND COURTHOUSE COMERICO AND TANCA ST. SAN JUAN, PR	00906	NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y						
			00	DS	DISCVRY	1	11/22/1998	11/22/1998	EPA Perf
			00	RX	FF PA	1		05/05/2000	N EPA Perf
			00	VS	ARCH SITE	1		09/21/2003	EPA Perf In-Hse
PR0570000604 0202569	FORMER RAMEY AFB INSULAR HIGHWAY 2 AGUADILLA, PR AGUADILLA (72005)	00604	NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/31/1979	05/31/1979	EPA Perf
			00	PA	PA	1		09/30/1980	N Fed Fac
			00	PA	PA	2	08/31/1987	09/20/1987	N Fed Fac
			00	VS	ARCH SITE	1		09/20/1987	EPA Perf In-Hse
PR0891899999 0203497	CENTER FOR ENERGY & ENVIRONMENTAL RESEAR ROAD 108, KM 1.1 MAYAGUEZ, PR MAYAGUEZ (72097)	00708	NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y						
			00	PA	PA	1		11/14/1987	N Fed Fac
			00	DS	DISCVRY	1	07/31/1990	07/31/1990	Fed Fac
			00	PA	PA	2	03/31/1991	06/26/1991	L Fed Fac

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			00	VS ARCH SITE	1		09/28/1993		EPA Perf In-Hse
			00	SI SI	1		09/28/1993	N	Fed Fac
PR2170021420 0203386	U.S. NAVAL COMMUNICATION STATION PR-2 KM 116.2 ISABELA, PR ISABELA (72071)	00662	NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: PA Start Needed FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	11/01/1989	11/01/1989		EPA Perf
			00	VS ARCH SITE	1		07/21/1999		EPA Perf In-Hse
PR2170027203 0202570	US NAVAL STA US NAVAL STA ROOSEVELT RD CEIBA, PR CEIBA (72037)	00635	NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y						
			00	DS DISCVRY	1	05/31/1981	05/31/1981		EPA Perf
			00	VS ARCH SITE	1		09/11/1986		EPA Perf In-Hse
			00	PA PA	1		09/11/1986	N	Fed Fac
PR3170090002 0202578	NAVAL AMMUNITION FACILITY (NAF-VIEQUES) ROUTE 70 VIEQUES ISLAND, PR	00765	NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y						
			00	DS DISCVRY	1	05/31/1981	05/31/1981		EPA Perf
			00	PA PA	1		12/30/1989	L	Fed Fac
			00	SI SI	1		09/14/1998	N	EPA Perf
			00	VS ARCH SITE	1		10/20/1998		EPA Perf In-Hse

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PR3210010002 0202572	CAMP SANTIAGO ROUTE 1 SALINAS, PR SALINAS (72123)	00751	NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y						
			00	DS	DISCVRY	1	06/14/1987	06/14/1987	Fed Fac
			00	PA	PA	1		02/14/1989	H Fed Fac
			00	PA	PA	2	12/31/1990	03/27/1991	H Fed Fac
			00	VS	ARCH SITE	1		09/27/1993	EPA Perf In-Hse
			00	SI	SI	1		09/27/1993	N Fed Fac
PR3690361552 0203256	COAST GUARD AIR STATION BORINQUEN HIGHWAY 107,RAMEY AIR FORCE BASE AGUADILLA, PR AGUADILLA (72005)	00603	NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y						
			00	VS	ARCH SITE	1		04/11/1988	EPA Perf In-Hse
			00	DS	DISCVRY	1	04/11/1988	04/11/1988	Fed Fac
			00	PA	PA	1		04/11/1988	N Fed Fac
PR6210000125 0202573	CAMP GARCIA #1 ROAD # 992, COLONIA LUGAR SECTOR VIEQUES, PR VIEQUES (72147)	00765	NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y						
			00	DS	DISCVRY	1	10/31/1979	10/31/1979	EPA Perf
			00	PA	PA	1	09/30/1980	10/31/1980	N Fed Fac
			00	PA	PA	2	06/30/1990	09/24/1990	N Fed Fac
			00	VS	ARCH SITE	1		09/24/1990	EPA Perf In-Hse

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PR6211843077 0203421	FORT ALLEN ROUTE 1 JUANA DIAZ, PR JUANA DIAZ (72075)	00665	NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y						
			00	DS	DISCVRY	1	05/31/1981	05/31/1981	Fed Fac
			00	PA	PA	2	01/23/1991	03/20/1991	N Fed Fac
			00	PA	PA	1		12/26/1994	L Fed Fac
			00	TY	FF SI REV	1		07/14/2002	N EPA Perf
			00	VS	ARCH SITE	1		09/21/2003	EPA Perf In-Hse
PR9170027339 0203314	USN DRYDOCK & REPAIR FAC./NAV. STAT.ROS. VILLA VERDE ST. DRYDOCKS & REPAIR FACIL. MIRAMAR, PR MAYAGUEZ (72097)	00708	NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y						
			00	DS	DISCVRY	1	12/05/1976	12/05/1976	Fed Fac
			00	PA	PA	1	03/31/1991	06/26/1991	N Fed Fac
			00	VS	ARCH SITE	1		06/26/1991	EPA Perf In-Hse
PRD000689760 0204043	MANATI TREATMENT PLANT STATE ROAD #2 KM 50.2 BAJURA AFUERA WARD MANATI, PR MANATI (72091)	00674	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	03/06/1996	03/06/1996	St Perf
			00	SI	SI	1	09/30/1997	12/14/1999	N St Perf
			00	VS	ARCH SITE	1		03/07/2000	EPA Perf In-Hse

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PRD000692582 0203332	CARIBE GENERAL ELECTRIC PRODUCT. INC. ROAD 200 INT. 201, MARTINO WARD VIEQUES, PR VIEQUES (72147)	00765	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Deferred to RCRA (Subtitle C) FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	07/31/1990	09/26/1990	D	St Perf
			00	DS DISCVRY	1	08/19/1990	08/19/1990		St Perf
			00	VS ARCH SITE	1		01/22/1996		EPA Perf In-Hse
PRD000692681 0203290	MED-REL INC. ROAD 909 KM. 0.4, CATANO WARD HUMACAO, PR HUMACAO (72069)	00661	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	02/28/1990	02/28/1990		St Perf
			00	PA PA	1	05/06/1990	09/10/1990	N	St Perf
			00	VS ARCH SITE	1		09/10/1990		EPA Perf In-Hse
PRD000692715 0202454	PPG INDUSTRIES CARIBE ROUTE 2 GUAYANILLA, PR GUAYANILLA (72059)	00656	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1		02/28/1982	N	EPA Perf
			00	VS ARCH SITE	1		07/31/1982		EPA Perf In-Hse
			00	SI SI	1		07/31/1982	N	EPA Perf
			00	HR HAZRANK	1		07/31/1982		Other

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PRD000692749 0202455	PUERTO RICO CHEM CO STATE RD NO 2 ARECIBO, PR ARECIBO (72013)	00612	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	06/07/1981	06/07/1981	EPA Perf
			00	PA	PA	1	05/03/1987	05/10/1987	N EPA Perf
			00	PA	PA	2	08/31/1987	09/20/1987	N EPA Perf
			00	SI	SI	1	04/14/1998	09/07/1999	N EPA Perf
			00	VS	ARCH SITE	1		09/29/1999	EPA Perf In-Hse
			00	OO	SITE REASS	1	09/30/2004	03/27/2005	N St Perf
PRD000692764 0202870	RANSBURG MANUFACTURING CO. INTERSECTION ROAD 31 & ROAD 971 NAGUABO, PR NAGUABO (72103)	00718	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA	PA	1	08/31/1988	11/02/1988	N St Perf
			00	DS	DISCVRY	1	09/18/1988	09/18/1988	St Perf
			00	VS	ARCH SITE	1		11/02/1988	EPA Perf In-Hse
PRD000706374 0202457	PAMCOR INC DEDIEGO AVE RIO PIEDRAS, PR SAN JUAN (72127)	00927	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Deferred to RCRA (Subtitle C) FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	11/15/1987	12/27/1987	L St Perf
			00	SI	SI	1	06/30/1991	09/24/1991	D EPA Perf
			00	VS	ARCH SITE	1		01/30/1997	EPA Perf In-Hse



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PRD000706457 0202458	TRAVENOL LAB INC PLANT II RD 144 18.9 JAYUYA, PR JAYUYA (72073)	00664	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/31/1981	05/31/1981	EPA Perf
			00	PA	PA	1		01/05/1987	N St Perf
			00	VS	ARCH SITE	1		09/20/1987	EPA Perf In-Hse
			00	PA	PA	2		09/20/1987	N EPA Perf
PRD000767863 0203327	COMBE PRODUCT INC. ROAD 3 KM. 85.6 HUMACAO, PR HUMACAO (72069)	00661	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA	PA	1	08/14/1990	09/26/1990	N St Perf
			00	DS	DISCVRY	1	08/19/1990	08/19/1990	St Perf
			00	VS	ARCH SITE	1		09/26/1990	EPA Perf In-Hse
PRD000848697 0203833	STANDARD PRESSED STEEL, INC STATE ROAD 402 KM 1.6 LAS MARIAS ANASCO BAJO, PR ANASCO (72011)	00610	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	09/01/1993	09/01/1993	St Perf
			00	PA	PA	1		03/30/1994	L St Perf
			00	SI	SI	1	04/26/1998	12/16/1998	N EPA Perf
			00	VS	ARCH SITE	1		02/24/1999	EPA Perf In-Hse
PRD000912287 0203973	VINELAND CHEMICAL OF PUERTO RICO STATE ROAD 968, KILOMETER 0.6 RIO GRANDE, PR RIO GRANDE (72119)	00721	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	06/06/1994	06/06/1994		St Perf
			00	AR ADMIN REC	1	04/18/1995		V	EPA Perf
			00	RV RMVL	1	10/15/1995	07/22/1996	S	EPA Perf
			00	VS ARCH SITE	1		09/29/2001		EPA Perf In-Hse
PRD090011800 0202459	OXOCHEM ENTERPRISE RD 385 KM 5 PETROCHEM COMPLEX TALLABOA WARD, PR PENUELAS (72111)	00724	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	12/31/1984	12/31/1984	L	St Perf
			00	VS ARCH SITE	1		09/14/1985		EPA Perf In-Hse
			00	SI SI	1		09/14/1985	N	EPA Perf
PRD090028101 0202460	MERCK SHARP & DOHME QUAMICA DE PR INC RD #2 KM 56.4 TIBURONES WARD, PR BARCELONETA (72017)	00617	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	05/31/1981	05/31/1981		EPA Perf
			00	PA PA	1	06/30/1986	07/19/1986	N	St Perf
			00	PA PA	2	08/31/1987	09/20/1987	N	EPA Perf
			00	VS ARCH SITE	1		09/20/1987		EPA Perf In-Hse
PRD090037276 0203333	GENERAL ELECTRIC PRECISION PRTCTVE DEVCS ROAD 191 KM. 0.5 PALMER, PR RIO GRANDE (72119)	00721	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Deferred to RCRA (Subtitle C) FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	08/19/1990	08/19/1990		St Perf
			00	PA PA	1	08/21/1990	09/26/1990	D	St Perf
			00	VS ARCH SITE	1		12/08/1998		EPA Perf In-Hse
PRD090046095 0203569	VERPAS PRODUCTS, INC ROAD #884 KM. OHM 9 JULIO N. MATOS IND MARTIN GONZALEZ WARD, PR CAROLINA (72031)	00630	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	09/23/1991	09/23/1991		St Perf
			00	PA PA	1	01/01/1992	01/07/1992	L	St Perf
			00	SI SI	1	10/29/1996	09/16/1997	N	EPA Perf
			00	VS ARCH SITE	1		09/29/1997		EPA Perf In-Hse
PRD090070459 0202461	GENERAL ELECTRIC PROTECTIVE DEVICES INC ROAD #3 KM 82.0, P.O. BOX 232 HUMACAO, PR HUMACAO (72069)	00661	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	VS ARCH SITE	1		12/31/1984		EPA Perf In-Hse
			00	PA PA	1		12/31/1984	N	St Perf
PRD090071747 0203962	BORINQUEN CONTAINERS CORP. STATE ROAD #2, KM 85.2, CARRIZALES WARD HATILLO, PR	00657	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	09/30/1994	09/30/1994		St Perf

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			00	PA PA	1		03/04/1997	N	St Perf
			00	VS ARCH SITE	1		09/29/1997		EPA Perf In-Hse
PRD090080748 0202862	POWER PART INC. ROAD 887 ,KM 0.9 CAROLINA, PR CAROLINA (72031)	00630	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	08/31/1988	11/02/1988	N	St Perf
			00	DS DISCVRY	1	09/18/1988	09/18/1988		St Perf
			00	VS ARCH SITE	1		11/02/1988		EPA Perf In-Hse
PRD090084872 0202462	BECKMAN INSTRUMENTS INDUSTRIAL VILLE BLDGS 11,5,12 SABANA ABAJO, PR CAROLINA (72031)	00630	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	05/31/1981	05/31/1981		EPA Perf
			00	PA PA	1	12/31/1984	12/31/1984	L	St Perf
			00	SI SI	1	06/29/1989	09/26/1989	N	EPA Perf
			00	VS ARCH SITE	1		09/26/1989		EPA Perf In-Hse
PRD090130832 0203329	UNION CARBIDE GRAFITO STATE #3 KM. 91.6 YABUCOA, PR YABUCOA (72151)	00767	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	08/19/1990	08/19/1990		St Perf
			00	PA PA	1	08/25/1990	09/25/1990	N	St Perf
			00	VS ARCH SITE	1		01/30/1997		EPA Perf In-Hse

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PRD090131251 0202463	ABBOTT CHEMICAL ROAD # 2 KM 56.7 CRUCE DAVILA, PR BARCELONETA (72017)	00617	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/31/1981	05/31/1981	EPA Perf
			00	PA	PA	1	12/31/1984	12/31/1984	L St Perf
			00	VS	ARCH SITE	1		08/31/1985	EPA Perf In-Hse
			00	SI	SI	1		08/31/1985	N EPA Perf
PRD090139098 0203782	ELECTRONICS CORP OF AMERICA / FIREYE INC 277 TENIENTE CESAR GONZALEZ, TRES MONJIT HATO REY, PR SAN JUAN (72127)	00919	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/19/1993	05/19/1993	St Perf
			00	PA	PA	1	09/30/1993	08/30/1994	N St Perf
			00	VS	ARCH SITE	1		08/30/1994	EPA Perf In-Hse
PRD090235573 0203330	CARIBBEAN REFRESCOS, INC. STATE ROAD NO. 172 KM. 13.6 CIDRA, PR CIDRA (72041)	00639	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA	PA	1	07/31/1990	09/26/1990	N St Perf
			00	DS	DISCVRY	1	08/19/1990	08/19/1990	St Perf
			00	VS	ARCH SITE	1		09/26/1990	EPA Perf In-Hse
PRD090346909 0202465	PFIZER PHARMACEUTICALS INC RD 2 KM 58.2 TIBURONES WARD, PR BARCELONETA (72017)	00617	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	06/30/1986	07/19/1986	L	St Perf
			00	PA PA	2	08/31/1987	09/20/1987	L	EPA Perf
			00	SI SI	1	03/30/1989	06/28/1989	N	EPA Perf
			00	VS ARCH SITE	1	06/28/1989	06/28/1989		EPA Perf In-Hse
			00	PJ RP EM REM	1	01/14/2014	01/30/2014	S	EPA Ovrsght
PRD090378225 0202879	SEARLE & CO. ROAD 189 KM 2.2 SANTA JUANA WARD CAGUAS, PR CAGUAS (72025)	00625	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	03/30/1989	03/30/1989		St Perf
			00	VS ARCH SITE	1		09/21/1989		EPA Perf In-Hse
			00	PA PA	1		09/21/1989	N	St Perf
PRD090383860 0203334	CARIBE GENERAL ELECTRIC PRODUCT, INC. ROAD NO. 129 KM. 41.0 ARECIBO, PR ARECIBO (72013)	00612	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	07/31/1990	09/26/1990	N	St Perf
			00	DS DISCVRY	1	08/19/1990	08/19/1990		St Perf
			00	VS ARCH SITE	1		09/26/1990		EPA Perf In-Hse
PRD090416132 0202469	CLEAR AMBIENT SERVICES CO KM 2.2 RD 167 CATANO, PR CATANO (72033)	00632	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	05/31/1981	05/31/1981		EPA Perf	
			00	VS ARCH SITE	1		03/31/1982		EPA Perf In-Hse	
			00	PA PA	1		03/31/1982	N	St Perf	
			00	HR HAZRANK	1		07/31/1982		Other	
PRD090446196 0202470	RCA BORINQUEN INC PR RD 31 JUNCOS, PR JUNCOS (72077)	00666	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf	
			00	PA PA	1	12/29/1986	01/06/1987	N	St Perf	
			00	PA PA	2	08/31/1987	09/20/1987	N	EPA Perf	
			00	VS ARCH SITE	1		09/20/1987		EPA Perf In-Hse	
PRD090452624 0203331	DESTILERIA SERRALLES, INC. ROAD #1. KM. 122, HM. 7.0 MERCEDITA, PR	00715	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS DISCVRY	1	08/19/1990	08/19/1990		St Perf	
			00	PA PA	1	08/21/1990	09/23/1990	N	St Perf	
			00	VS ARCH SITE	1		09/23/1990		EPA Perf In-Hse	
PRD090452822 0202984	PRADCO CARIBE INC ROAD 971 KM 18.6 NAGUABO, PR NAGUABO (72103)	00718	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	PA PA	1	04/15/1989	06/29/1989	N	St Perf	
			00	DS DISCVRY	1	04/20/1989	04/20/1989		St Perf	
			00	VS ARCH SITE	1		06/29/1989		EPA Perf In-Hse	

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PRD090492109 0202471	INDUSTRIAL CONTROL OF PR INC STATE ROAD #3 KM 122.9 BOX 968 MAMEY WARD, PR PATILLAS (72109)	00723	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Deferred to RCRA (Subtitle C) FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/31/1981	05/31/1981	EPA Perf
			00	PA	PA	1	12/31/1984	12/31/1984	L St Perf
			00	SI	SI	1		09/16/1985	D EPA Perf
			00	VS	ARCH SITE	1		01/12/1999	EPA Perf In-Hse
PRD090493917 0202880	SYNTEX (F. P.) INC. ROAD 909 KM 1.1 BO. MARIANA, PR HUMACAO (72069)	00661	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	03/30/1989	03/30/1989	St Perf
			00	VS	ARCH SITE	1		09/21/1989	EPA Perf In-Hse
			00	PA	PA	1		09/21/1989	N St Perf
PRD090510520 0203138	CHACE PRECISION MATERIAL CORP. CARRETERA 190 KILOMETER 15 SABANA ABAJO, PR CAROLINA (72031)	00630	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/01/1989	05/01/1989	St Perf
			00	VS	ARCH SITE	1		09/21/1989	EPA Perf In-Hse
			00	PA	PA	1		09/21/1989	N St Perf



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PRD090549841 0203261	APPLIED MAGNETICS CARIBE ROAD 887 KM 9.6 JULIO N. MATOS IND. PARK MANATI, PR CAROLINA (72031)	00630	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	10/22/1989	10/22/1989	St Perf
			00	VS	ARCH SITE	1		03/29/1990	EPA Perf In- Hse
			00	PA	PA	1		03/29/1990	N St Perf
PRD090564477 0202472	BORICUA WOOD PROCESSING INC ROAD 865 KM 5.5 CANDELARIA WARD, PR TOA BAJA (72137)	00759	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Deferred to RCRA (Subtitle C) FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	12/31/1984	12/31/1984	L St Perf
			00	SI	SI	1		09/25/1985	D EPA Perf
			00	VS	ARCH SITE	1		01/22/1996	EPA Perf In- Hse
PRD090569492 0202865	STELKO ELECTRICAL PRODUCT ROAD 858, KM 2.2 CACAO WARD CAROLINA, PR CAROLINA (72031)	00630	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA	PA	1	08/31/1988	11/02/1988	N St Perf
			00	DS	DISCVRY	1	09/18/1988	09/18/1988	St Perf
			00	VS	ARCH SITE	1		11/02/1988	EPA Perf In- Hse
PRD090582255 0203453	GLAMOURETTE STATE ROAD # 477 & 113 QUEBRADILLAS, PR QUEBRADILLAS (72115)	00742	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	12/20/1990	12/20/1990		EPA Perf
			00	PA PA	1	03/31/1991	06/24/1991	H	St Perf
			00	SI SI	1	01/22/1993	09/21/1993	N	EPA Perf
			00	VS ARCH SITE	1		09/21/1993		EPA Perf In-Hse
PRD091017277 0202474	MURATTI ENVIRONMENT ROAD 385, KM 3.5.,TALLABOA PENUELAS, PR PENUELAS (72111)	00724	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	06/30/1985	07/31/1985	L	EPA Perf
			00	DS DISCVRY	1	06/30/1985	06/30/1985		EPA Perf
			00	SI SI	1		08/31/1985	N	EPA Perf
			00	BB PRP RV	1	05/21/1990	11/01/1990	S	EPA Ovrsght
			00	RV RMVL	1	11/01/1990	06/18/1991	S	EPA Perf
			00	BB PRP RV	2	06/18/1991	08/03/1992	C	EPA Ovrsght
			00	VS ARCH SITE	1		01/30/1997		EPA Perf In-Hse
PRD091043414 0202475	PAMCOR C INC PR RD 183 KM 18.3 LAS PIEDRAS, PR LAS PIEDRAS (72085)	00671	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1		10/15/1987	L	St Perf
			00	PA PA	2	03/30/1989	06/28/1989	N	EPA Perf
			00	VS ARCH SITE	1		06/28/1989		EPA Perf In-Hse
			00	SI SI	1		06/28/1989	N	EPA Perf

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PRD091049262 0202476	THERMO KING CARIBBEAN INC PR RD 149 CIALES, PR CIALES (72039)	00638	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Ovrsght
			00	PA	PA	1	12/29/1986	01/06/1987	L St Perf
			00	PA	PA	2	08/31/1987	09/20/1987	L EPA Perf
			00	SI	SI	1	06/29/1989	09/26/1989	N EPA Perf
			00	VS	ARCH SITE	1		09/26/1989	EPA Perf In-Hse
PRD091063982 0202477	UNION CARBIDE CORP FIRM DELIVERY PONCE, PR PONCE (72113)	00731	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/31/1981	05/31/1981	EPA Perf
			00	PA	PA	1	09/28/1987	09/29/1987	N St Perf
			00	VS	ARCH SITE	1		09/29/1987	EPA Perf In-Hse
PRD091065102 0202478	CYANAMID AGRICULTURAL DE PR INC KM 47.3 ROUTE 2 MANATI, PR MANATI (72091)	00701	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	VS	ARCH SITE	1		12/31/1984	EPA Perf In-Hse
			00	PA	PA	1	12/31/1984	12/31/1984	N St Perf
PRD091068858 0203423	PUERTO RICO DISTILLERS ROAD # 2 KM. 78.0 SECTOR MIRAMAR ARECIBO, PR ARECIBO (72013)	00612	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	09/27/1990	09/27/1990		St Perf
			00	PA PA	1	09/30/1990	03/27/1991	L	St Perf
			00	SI SI	1		09/24/1997	N	EPA Perf
			00	VS ARCH SITE	1		09/29/1997		EPA Perf In-Hse
PRD091086637 0202479	BEST FOODS - CARIBBEAN INC BO VIGIA SEC MUELLE VIGIA WARD EL MUELLE, PR ARECIBO (72013)	00612	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	05/31/1981	05/31/1981		EPA Perf
			00	VS ARCH SITE	1		12/31/1984		EPA Perf In-Hse
			00	PA PA	1	12/31/1984	12/31/1984	N	St Perf
PRD091126037 0202975	CHECKPOINT SYSTEMS OF PR INC. SABANETAS INDUSTRIAL PARK PONCE, PR PONCE (72113)	00731	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	01/20/1989	01/20/1989		St Perf
			00	PA PA	1	02/23/1989	06/29/1989	N	St Perf
			00	VS ARCH SITE	1		06/29/1989		EPA Perf In-Hse
PRD091200477 0202654	DAVIS & GECK INC STATE ROAD 2 KM 47.4 BO ALTGRC MANATI, PR MANATI (72091)	00701	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	11/06/1989	11/06/1989		St Perf
			00	VS ARCH SITE	1		03/29/1990		EPA Perf In-Hse

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			00	PA PA	1		03/29/1990	N	St Perf
PRD101790285 0202866	PR RECYCLING COMPANY ROAD 869, KM 1.5 PALMAS WARD CATANO, PR CATANO (72033)	00632	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	08/31/1988	11/02/1988	N	St Perf
			00	DS DISCVRY	1	09/18/1988	09/18/1988		St Perf
			00	VS ARCH SITE	1		11/02/1988		EPA Perf In-Hse
PRD105739148 0203137	BECKMAN INSTRUMENT CARIBE INC. ROAD 971 ST. #4 DUQUE INDUSTRIAL PARK NAGUABO, PR NAGUABO (72103)	00718	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	03/30/1989	03/30/1989		St Perf
			00	VS ARCH SITE	1		02/14/1990		EPA Perf In-Hse
			00	PA PA	1		02/14/1990	N	St Perf
PRD980300594 0203900	RICO CHEMICAL CORPORATION ROAD # 12 KM 4.1 MAGAS WARD, PR	00656	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Deferred to RCRA (Subtitle C) FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	12/16/1993	12/16/1993		EPA Perf
			00	PA PA	1	12/31/1993	02/07/1995	D	St Perf
			00	VS ARCH SITE	1		01/30/1997		EPA Perf In-Hse

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PRD980509061 0202481	AIBONITO SLD WSTE RD 14 KM 53.4 EL ROBLE WARD AIBONITO, PR AIBONITO (72009)	00609	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	01/31/1984	02/29/1984	L St Perf
			00	SI	SI	1		08/31/1985	N EPA Perf
			00	VS	ARCH SITE	1		01/06/1992	EPA Perf In-Hse
PRD980509079 0202482	ANASCO SOLID - WASTE DISPOSAL ROAD 402 LAS MARIAS WARD, EL SANTO, PR ANASCO (72011)	00610	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	01/31/1984	02/29/1984	N St Perf
			00	VS	ARCH SITE	1		02/29/1984	EPA Perf In-Hse
PRD980509087 0202483	AGUADA SOLID WSTE ROAD 417 KM 1.6 ASOMANTE WARD, PR AGUADA (72003)	00602	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	01/31/1984	02/29/1984	L St Perf
			00	SI	SI	1	03/31/1991	06/25/1991	N EPA Perf
			00	VS	ARCH SITE	1		06/25/1991	EPA Perf In-Hse
PRD980509095 0202484	AGUADILLA SOLID WASTE DISPOSAL ROADS 443 KM 3.8 CAIMITAL BAJO WARD, PR AGUADILLA (72005)	00603	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	01/31/1984	02/29/1984	N	St Perf
			00	VS ARCH SITE	1		02/29/1984		EPA Perf In-Hse
PRD980509103 0202485	AGUAS BUENAS SOLID WASTE DISPOSAL STATE RD173 KM 6.0 SUMIDERO WD AGUAS BUENAS, PR AGUAS BUENAS (72007)	00607	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	01/31/1984	02/29/1984	N	St Perf
			00	VS ARCH SITE	1		02/29/1984		EPA Perf In-Hse
PRD980512040 0202487	BARRANQUITAS SOLID-WASTES DISPOSAL ROAD 719 KM 3 BARRANQUITAS, PR BARRANQUITAS (72019)	00618	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	01/31/1984	02/29/1984	N	St Perf
			00	VS ARCH SITE	1		02/29/1984		EPA Perf In-Hse
PRD980512073 0202489	BAYAMON DISPOSAL STATE ROAD 167 KM 10 SABANA SECA WD BUENA VIST, PR BAYAMON (72021)	00619	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	01/31/1984	02/29/1984	L	St Perf

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			00	SI	SI	1	12/30/1991	H	EPA Perf
			00	ES	ESI	1	01/20/1993	N	EPA Perf
			00	VS	ARCH SITE	1	05/31/1993		EPA Perf In-Hse
PRD980512081 0202490	CABO ROJO SOLID WASTE DISPOSAL ROAD 301 KM 2.2 CABO ROJO, PR CABO ROJO (72023)	00623	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	12/31/1983		St Perf
			00	PA	PA	1	01/31/1984	N	St Perf
			00	VS	ARCH SITE	1	02/29/1984		EPA Perf In-Hse
PRD980512099 0202491	CAMUY SOLID-WASTE DISPOSAL RD119 KM 7.9 PIEDRA GORDA WARD PIEDRA GORDA WARD COMBATE, PR CAMUY (72027)	00627	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981		EPA Perf
			00	PA	PA	1	01/31/1984	L	St Perf
			00	SI	SI	1	09/20/1988	N	EPA Perf
			00	VS	ARCH SITE	1	09/27/1988		EPA Perf In-Hse
PRD980512107 0202492	CAGUAS SOLID WASTE DISPOSAL ROAD 172 HM 2 RAMAL 784 TURABO WARD, PR CAGUAS (72025)	00625	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981		EPA Perf
			00	PA	PA	1	01/31/1984	L	St Perf
			00	SI	SI	1	09/20/1988	N	EPA Perf
			00	VS	ARCH SITE	1	09/27/1988		EPA Perf In-Hse



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PRD980512123 0202493	CAROLINA SOLID WASTE DISPOSAL RD 874 KM 7.3 HOYO MULA WARD CAROLINA, PR CAROLINA (72031)	00630	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	01/31/1984	02/29/1984	L St Perf
			00	SI	SI	1		08/31/1985	N EPA Perf
			00	SI	SI	2	04/20/1986	04/24/1986	N EPA Perf
			00	VS	ARCH SITE	1		04/24/1986	EPA Perf In-Hse
PRD980512131 0202494	CAYEY SLD WSTE DISP NEARBY ROAD 184 KM 5 BEATRIZ WARD/GUAVATE WARD, PR CAYEY (72035)	00633	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	01/31/1984	02/29/1984	L St Perf
			00	SI	SI	1	06/30/1991	09/24/1991	N EPA Perf
			00	VS	ARCH SITE	1		09/24/1991	EPA Perf In-Hse
PRD980512149 0202495	CEIBA SOLID WASTE DISPOSAL ROAD 977 KM 2.5 RIO ABAJO WARD, PR CEIBA (72037)	00635	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	01/31/1984	02/29/1984	L St Perf
			00	VS	ARCH SITE	1		09/27/1988	EPA Perf In-Hse
			00	SI	SI	1		09/27/1988	N EPA Perf

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PRD980512156 0202496	CHEMICAL LAND-BO UNKNOWN PONCE, PR PONCE (72113)	00731	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/06/1981	05/06/1981	EPA Perf
			00	PA	PA	1	09/28/1987	09/29/1987	N St Perf
			00	VS	ARCH SITE	1		09/29/1987	EPA Perf In-Hse
PRD980512164 0202497	CIALES SOLID WASTE DISPOSAL NEARBY ROAD 632 KM 1.1 HATO VIEJO WARD LAS LAJAS, PR CIALES (72039)	00638	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	01/31/1984	02/29/1984	L St Perf
			00	SI	SI	1	09/20/1988	09/27/1988	N EPA Perf
			00	VS	ARCH SITE	1		09/27/1988	EPA Perf In-Hse
PRD980512172 0202498	CIDRA SOLID-WASTE DISPOSAL ROAD 734 KM 2.7 ARENAS WARD (NR RINCON W), PR CIDRA (72041)	00639	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	01/31/1984	02/29/1984	L St Perf
			00	SI	SI	1		02/12/1986	N EPA Perf
			00	VS	ARCH SITE	1		03/30/1992	EPA Perf In-Hse
PRD980512198 0202499	COROZAL SLD WSTE RD 618 KM 1.9 CUCHILLAS WARD COROZAL, PR COROZAL (72047)	00643	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	01/31/1984	02/29/1984	N	St Perf
			00	VS ARCH SITE	1		02/29/1984		EPA Perf In-Hse
PRD980512214 0202500	FAJARDO SLD WSTE DSPL ROAD 982 KM 4 HM 9 DAMAJAGUA WARD, PR FAJARDO (72053)	00648	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	01/31/1984	02/29/1984	N	St Perf
			00	VS ARCH SITE	1		02/29/1984		EPA Perf In-Hse
PRD980512222 0202501	GUANICA SOLID WASTE DISPOSAL RD 331 KM 2.1 FUIG WARD CIENAGA WARD SECTOR FUIG, PR GUANICA (72055)	00653	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	01/31/1984	02/29/1984	N	St Perf
			00	VS ARCH SITE	1		02/29/1984		EPA Perf In-Hse
PRD980512248 0202503	GUAYNABO SOLID WASTE DISPOSAL STATE ROAD #1 KM 22.0 GUAYNABO, PR GUAYNABO (72061)	00657	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	12/31/1983	12/31/1983		St Perf
			00	PA PA	1	01/31/1984	02/29/1984	N	St Perf
			00	VS ARCH SITE	1		02/29/1984		EPA Perf In-Hse

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PRD980512255 0202504	GUAYANILLA MUNP LDF ROAD 335 KM 1.2 PIEDRAS BLANCAS, INDIOS S, PR GUAYANILLA (72059)	00656	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	04/30/1984	05/31/1984	N St Perf
			00	VS	ARCH SITE	1		05/31/1984	EPA Perf In-Hse
PRD980512263 0202505	GURABO SOLID WASTE DISPOSAL ROAD 189 KM 4.6 RINCON WARD, PR GURABO (72063)	00658	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	01/31/1984	02/29/1984	L St Perf
			00	SI	SI	1	06/30/1991	09/24/1991	N EPA Perf
			00	VS	ARCH SITE	1		09/24/1991	EPA Perf In-Hse
PRD980512271 0202506	HATILLO SLD WSTE DSPL ROAD 487 KM 1.7 BUENA VISTA WD EL SACO SC, PR HATILLO (72065)	00659	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	01/31/1984	02/29/1984	L St Perf
			00	SI	SI	1	06/22/1988	06/28/1988	N EPA Perf
			00	VS	ARCH SITE	1		06/28/1988	EPA Perf In-Hse

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PRD980512289 0202507	HERNANDEZ SITE A RD 2 KM 85.6 HATILLO, PR HATILLO (72065)	00659	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	VS	ARCH SITE	1		12/27/1987	EPA Perf In-Hse
			00	PA	PA	1		12/27/1987	N St Perf
PRD980512313 0202508	HUMACAO DISPOSAL ROAD 923 KM 1.0 HUMACAO, PR HUMACAO (72069)	00661	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	09/30/1979	09/30/1979	EPA Perf
			00	PA	PA	1	01/31/1984	02/29/1984	N St Perf
			00	VS	ARCH SITE	1		02/29/1984	EPA Perf In-Hse
PRD980512347 0202509	ISABELA SLD WSTE RD112 KM 9.0 ARENALES ALTOS WD ISABELA, PR ISABELA (72071)	00662	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	01/31/1984	02/29/1984	N St Perf
			00	VS	ARCH SITE	1		02/29/1984	EPA Perf In-Hse
PRD980512354 0202510	JAYUYA SLD WSTE DSP RD 527 KM 3.3 SALIENTE WARD JAYUYA, PR JAYUYA (72073)	00664	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	12/31/1983	02/29/1984	L	St Perf
			00	VS ARCH SITE	1		08/31/1985		EPA Perf In-Hse
			00	SI SI	1		08/31/1985	N	EPA Perf
PRD980512370 0202512	LAJAS SOLID WASTE DISPOSAL ROAD 303 KM 5.6 LLANOS WARD, PR LAJAS (72079)	00667	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	02/29/1984	02/29/1984		St Perf
			00	PA PA	1	04/30/1984	05/31/1984	N	St Perf
			00	VS ARCH SITE	1		05/31/1984		EPA Perf In-Hse
PRD980512388 0202513	LAJAS SOLID WASTE DISPOSAL PALMAREJO WARD LAJAS, PR LAJAS (72079)	00667	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	02/29/1984	02/29/1984		St Perf
			00	PA PA	1	04/30/1984	05/31/1984	N	St Perf
			00	VS ARCH SITE	1		05/31/1984		EPA Perf In-Hse
PRD980512404 0202514	MANATI SLD WASTE DSPL ROAD 149 KM 4.2 COTO WARD COTO SUR WARD, PR MANATI (72091)	00701	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	04/30/1984	05/31/1984	L	St Perf
			00	SI SI	1		11/30/1985	N	EPA Perf
			00	ES ESI	1	10/22/1992	03/11/1998	N	EPA Perf

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			00	VS ARCH SITE	1		07/28/1998		EPA Perf In-Hse
PRD980512412 0202515	MARICAO SLD WASTE DSPL PACHIN MARIN ST 105, KM 28.2 MARICAO, PR MARICAO (72093)	00706	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	12/31/1980	12/31/1980		EPA Perf
			00	VS ARCH SITE	1		02/29/1984		EPA Perf In-Hse
			00	PA PA	1	02/29/1984	02/29/1984	N	St Perf
PRD980512420 0202516	MAUNABO SLD WASTE DSPL STATE ROAD PR 759 KM 2.5 PALO SECO WARD, PR MAUNABO (72095)	00707	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	04/30/1984	05/31/1984	L	St Perf
			00	SI SI	1	03/30/1989	06/28/1989	N	EPA Perf
			00	VS ARCH SITE	1		09/06/1993		EPA Perf In-Hse
PRD980512438 0202517	MAYAGUEZ SLD WASTE DSPL STATE ROAD P.R. 342 KM 2.0 SABANETAS WARD, PR MAYAGUEZ (72097)	00708	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	04/30/1984	05/31/1984	N	St Perf
			00	VS ARCH SITE	1		05/31/1984		EPA Perf In-Hse

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PRD980512446 0202518	NAGUABO SLD WSTE DSP ROAD 972 KM 2.0 MARIANA WARD, PR NAGUABO (72103)	00718	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf	
			00	PA	PA	1	04/30/1984	05/31/1984	L St Perf	
			00	SI	SI	1	03/30/1989	06/28/1989	N EPA Perf	
			00	VS	ARCH SITE	1		06/28/1989	EPA Perf In-Hse	
PRD980512453 0202519	NARANJITO SOLID WASTE ROAD 813 INTSCT RD 780 KM 3.8 ANONES WARD, PR NARANJITO (72105)	00719	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	03/31/1984	03/31/1984	St Perf	
			00	PA	PA	1	04/30/1984	05/31/1984	N St Perf	
			00	VS	ARCH SITE	1		05/31/1984	EPA Perf In-Hse	
PRD980512479 0202520	OROCOVIS SLD WASTE DSPL STATE ROAD PR 566 KM 2.3 SALTOS WARD, PR OROCOVIS (72107)	00720	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf	
			00	PA	PA	1	04/30/1984	05/31/1984	L St Perf	
			00	SI	SI	1	06/30/1991	09/24/1991	N EPA Perf	
			00	VS	ARCH SITE	1		01/22/1996	EPA Perf In-Hse	
PRD980512495 0202521	PIEDRA BLANCA LF ROAD # 335, KM. 1.2, INDIOS WARD GUAYANILLA, PR GUAYANILLA (72059)	00656	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							



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			00	DS DISCVRY	1	10/31/1979	10/31/1979		EPA Perf
			00	VS ARCH SITE	1		03/31/1980		EPA Perf In-Hse
			00	PA PA	1		03/31/1980	N	EPA Perf
PRD980512545 0202522	QUEBRADILLAS SLD WASTE STATE ROAD PR 480 HM 2 CACAO WARD, PR QUEBRADILLAS (72115)	00742	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1		05/31/1984	L	St Perf
			00	SI SI	1	06/22/1988	06/29/1988	N	EPA Perf
			00	VS ARCH SITE	1		06/29/1988		EPA Perf In-Hse
PRD980512552 0202523	RINCON SLD WASTE DSPL STATE ROAD PR 115 KM 12.6 PUEBLO WARD, PR RINCON (72117)	00745	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	04/30/1984	05/31/1984	L	St Perf
			00	SI SI	1	06/30/1991	09/24/1991	N	EPA Perf
			00	VS ARCH SITE	1		03/28/1994		EPA Perf In-Hse
PRD980512586 0202526	SABANA GRANDE DISPOSAL ROAD 368 KM 21.5 TORRES WARD EL CEDRO SECTOR/RINCON W., PR SABANA GRANDE (72121)	00747	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	12/31/1984	12/31/1984	L	St Perf

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			00	VS ARCH SITE	1		08/31/1985		EPA Perf In-Hse
			00	SI SI	1		08/31/1985	N	EPA Perf
PRD980512594 0202527	SALINAS DISPOSAL ROAD #1 KM 92 HM/PLAYA SECTOR SALINAS, PR SALINAS (72123)	00751	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	VS ARCH SITE	1		12/31/1984		EPA Perf In-Hse
			00	PA PA	1	12/31/1984	12/31/1984	N	St Perf
PRD980512602 0202528	SAN GERMAN SLD WASTE ROAD # 2 KM 172.8 SABANA GRANDE, PR SAN GERMAN (72125)	00753	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	12/31/1984	12/31/1984	L	St Perf
			00	VS ARCH SITE	1		08/31/1985		EPA Perf In-Hse
			00	SI SI	1		08/31/1985	N	EPA Perf
PRD980512610 0202529	SAN LORENZO SLD WASTE RD 181 KM 6.5 (DISTANCE 5 KM) SAN LORENZO, PR HUMACAO (72069)	00754	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	VS ARCH SITE	1		12/31/1984		EPA Perf In-Hse
			00	PA PA	1	12/31/1984	12/31/1984	N	St Perf

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PRD980512636 0202530	SANTA ISABEL SLD WASTE ROAD 1 KM 10.5 HM 6 BOCA - VELAZQUEZ WARD, PR SANTA ISABEL (72133)	00757	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	12/31/1984	12/31/1984	L St Perf
			00	SI	SI	1		08/31/1985	N EPA Perf
			00	VS	ARCH SITE	1		06/08/1994	EPA Perf In-Hse
PRD980512644 0202531	SERVICIOS CARBAREON UNKNOWN PONCE, PR PONCE (72113)	00731	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	06/21/1981	06/21/1981	EPA Perf
			00	PA	PA	1	09/28/1987	09/29/1987	N St Perf
			00	VS	ARCH SITE	1		09/29/1987	EPA Perf In-Hse
PRD980512651 0202532	UTUADO SLD WASTE RD 523 KM 4.0 ARENAS WARD UTUADO, PR UTUADO (72141)	00761	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	2	06/30/1986	07/19/1986	N St Perf
			00	VS	ARCH SITE	1		09/20/1987	EPA Perf In-Hse
			00	PA	PA	1		09/20/1987	N EPA Perf
PRD980512685 0202535	VILLALBA SLD WASTE DSPL RD 150 KM 2.5 HATO PUERCO ARRIBA WARD, PR VILLALBA (72149)	00766	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1		07/19/1986	L	St Perf
			00	PA PA	2		09/20/1987	L	EPA Perf
			00	VS ARCH SITE	1		09/29/1992		EPA Perf In-Hse
			00	SI SI	1		09/29/1992	N	EPA Perf
PRD980532980 0202536	MAYAGUEZ FREE TRADE ZONE PR RD 114 MAYAGUEZ, PR MAYAGUEZ (72097)	00708	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	VS ARCH SITE	1		12/31/1984		EPA Perf In-Hse
			00	PA PA	1	12/31/1984	12/31/1984	N	St Perf
PRD980533087 0202537	TRAVENOL LAB INC BO FULLADOZA #315 CULEBRA, PR CULEBRA (72049)	00645	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	05/31/1981	05/31/1981		EPA Perf
			00	PA PA	1	08/31/1987	09/20/1987	N	EPA Perf
			00	VS ARCH SITE	1		09/20/1987		EPA Perf In-Hse
PRD980533103 0202538	ESSO MAYAGUEZ PLANT GONZALEZ CLEMENTE AVE MAYAGUEZ, PR MAYAGUEZ (72097)	00708	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	05/31/1981	05/31/1981		EPA Perf
			00	PA PA	1	11/22/1987	12/27/1987	N	St Perf

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			00	VS ARCH SITE	1		12/27/1987		EPA Perf In-Hse
PRD980533137 0202540	BEAUNIT CORP/CIRCULAR KNIT & DYEING TEX RD #3 83 KM HM 6 HUMACAO, PR HUMACAO (72069)	00661	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	05/31/1981	05/31/1981		EPA Perf
			00	PA PA	1	08/31/1987	09/20/1987	N	EPA Perf
			00	VS ARCH SITE	1		09/20/1987		EPA Perf In-Hse
PRD980536007 0203282	ESSO CATANO TERMINAL ROAD 26 PORT ZONE- CANEJA WARD GUAYNABO, PR GUAYNABO (72061)	00657	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	02/01/1990	02/01/1990		St Perf
			00	PA PA	1	05/12/1990	06/12/1990	N	St Perf
			00	VS ARCH SITE	1		06/12/1990		EPA Perf In-Hse
PRD980594618 0202542	UNION CARBIDE CARIBE INC TALLAB PONIENTE ROAD 127 PENUELAS, PR PENUELAS (72111)	00724	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	05/31/1981	05/31/1981		EPA Perf
			00	PA PA	1	12/23/1987	12/27/1987	N	St Perf
			00	VS ARCH SITE	1		12/27/1987		EPA Perf In-Hse

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PRD980640874 0202543	CABO ROJO SOLID WASTE DISPOSAL ROAD 301 KM 2.8 LLANOS COSTAS WARD, PR CABO ROJO (72023)	00623	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	VS	ARCH SITE	1		05/31/1984	EPA Perf In- Hse
			00	PA	PA	1		05/31/1984	N St Perf
PRD980640882 0202544	FLORIDA WASTE DISPOSAL STATE ROAD #642 KM 10.7 FLORIDA AD. WARD GUAYO SC, PR FLORIDA (72054)	00650	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	08/31/1980	08/31/1980	EPA Perf
			00	PA	PA	1	04/30/1984	05/31/1984	L St Perf
			00	SI	SI	1	06/27/1988	06/28/1988	N EPA Perf
			00	VS	ARCH SITE	1		06/28/1988	EPA Perf In- Hse
PRD980640890 0202759	GUAYAMA LF RD 711 KM 2.0 POZO HONDO WARD GUAYAMA, PR GUAYAMA (72057)	00654	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	05/15/1984	11/19/1984	L EPA Perf
			00	SI	SI	1	06/30/1991	09/24/1991	H EPA Perf
			00	VS	ARCH SITE	1		04/21/1998	EPA Perf In- Hse
PRD980640908 0202545	GUAYAMA SOLID WASTE DISPOSAL ROAD 713 KM 5.8 JOBOS WARD SCTR VILLODAS, PR GUAYAMA (72057)	00654	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	01/31/1984	02/29/1984	L	St Perf
			00	SI SI	1	08/08/1991	09/08/1991	N	EPA Perf
			00	VS ARCH SITE	1		09/08/1991		EPA Perf In-Hse
PRD980640932 0202547	LARES MUNI DUMP ROAD 453 KM 1.5 CALLEJONES WARD, PR LARES (72081)	00669	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	08/31/1980	08/31/1980		EPA Perf
			00	PA PA	1	04/30/1984	05/31/1984	N	St Perf
			00	VS ARCH SITE	1		05/31/1984		EPA Perf In-Hse
PRD980640940 0202548	LAS PIEDRAS WASTE DISPOSAL RD9936 KM 2.0 PUEBLITO DEL RIO EL RIO WARD, PR LAS PIEDRAS (72085)	00671	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	04/30/1984	05/31/1984	N	St Perf
			00	VS ARCH SITE	1		05/31/1984		EPA Perf In-Hse
PRD980640973 0202551	SAN JUAN SLD WASTE DSPL RD 2 KM 1 HM 4 SAN JUAN, PR SAN JUAN (72127)	00939	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA PA	1	10/28/1987	12/27/1987	L	St Perf
			00	SI SI	1	06/30/1991	09/24/1991	H	EPA Perf

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			00	ES	ESI	1	09/15/1992	06/29/1993	N	EPA Perf
			00	VS	ARCH SITE	1		06/29/1993		EPA Perf In-Hse
PRD980640981 0202552	SAN SEBASTIAN SLD WASTE DSPL RD 119 KM 36.6 CALABAZAS WARD CULEBRINAS WARD, PR AGUADILLA (72005)	00755	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA	PA	1	04/30/1984	05/31/1984	N	St Perf
			00	VS	ARCH SITE	1		05/31/1984		EPA Perf In-Hse
PRD980640999 0202553	TECHNICON ELECTRONIC CORP SITE RD #3 KM 77.4 HUMACAO, PR HUMACAO (72069)	00661	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA	PA	1	09/27/1987	10/15/1987	N	St Perf
			00	VS	ARCH SITE	1		10/15/1987		EPA Perf In-Hse
PRD980641005 0202554	TOA ALTA SLD WASTE RD 165 KM 8.9 CONTORNO WARD TOA ALTA, PR BAYAMON (72021)	00758	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	04/30/1981	04/30/1981		EPA Perf
			00	PA	PA	1	04/30/1984	05/31/1984	L	St Perf
			00	VS	ARCH SITE	1		09/29/1992		EPA Perf In-Hse
			00	SI	SI	1		09/29/1992	N	EPA Perf



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PRD980641013 0202555	TOA BAJA SLD WASTE STATE ROAD PR 865 KM 3.5 SABABNA S. CANDELARIA WARD, PR BAYAMON (72021)	00759	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	EPA Perf
			00	PA	PA	1	04/30/1984	05/31/1984	L St Perf
			00	VS	ARCH SITE	1		09/17/1985	EPA Perf In-Hse
			00	SI	SI	1		09/17/1985	N EPA Perf
PRD980641021 0202757	VEGA ALTA SLD WASTE DSPL STATE ROAD PR 2 KM 30.4 VEGA ALTA, PR VEGA ALTA (72143)	00762	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1981	04/30/1981	St Perf
			00	PA	PA	1	06/06/1983	11/06/1984	L St Perf
			00	SI	SI	1	09/20/1988	09/27/1988	N EPA Perf
			00	VS	ARCH SITE	1		12/19/1991	EPA Perf In-Hse
			01	CO	RI/FS	1		09/29/1987	EPA Perf
PRD980644413 0202557	CENTRO RADIOLOGICO P.O. BOX 2637 BAYAMON, PR BAYAMON (72021)	00619	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	03/31/1982	03/31/1982	EPA Perf
			00	VS	ARCH SITE	1		12/31/1984	EPA Perf In-Hse
			00	PA	PA	1	12/31/1984	12/31/1984	N St Perf

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PRD980651228 0203326	CROWLEY ENVIRONMENTAL SERVICES, INC. FERNANDEZ JUNCOS AVE., PIER 10 SAN JUAN, PR SAN JUAN (72127)	00902	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	08/14/1990	09/26/1990	N	St Perf
			00	DS DISCVRY	1	08/19/1990	08/19/1990		St Perf
			00	VS ARCH SITE	1		09/26/1990		EPA Perf In-Hse
PRD980774608 0203328	ANDINO TRUCKING ROAD #2, KM. 16.2 CANDELARIA WARD TOA BAJA, PR TOA BAJA (72137)	00759	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	08/14/1990	09/26/1990	L	St Perf
			00	DS DISCVRY	1	08/19/1990	08/19/1990		St Perf
			00	VS ARCH SITE	1		06/08/1994		EPA Perf In-Hse
			00	SI SI	1		06/08/1994	N	St Perf
PRD981136526 0202560	BAYAMON DRUM DUMP KM. 0.8 ROUTE 840 BO. ALDEA, PR BAYAMON (72021)	00619	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	06/30/1985	07/31/1985	L	EPA Perf
			00	DS DISCVRY	1	06/30/1985	06/30/1985		EPA Perf
			00	VS ARCH SITE	1		08/31/1985		EPA Perf In-Hse
			00	SI SI	1		08/31/1985	N	EPA Perf

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PRD981136534 0202561	NEW JUNCOS LANDFILL STATE ROAD #185 LAS PINAS, PR JUNCOS (72077)	00666	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/31/1985	05/31/1985	St Perf
			00	PA	PA	1	06/30/1985	07/31/1985	L EPA Perf
			00	SI	SI	1		09/09/1985	N EPA Perf
			00	VS	ARCH SITE	1		09/27/1992	EPA Perf In-Hse
PRD981486939 0203832	METAL FINISHING CORP RD 867 KM 8.1 BLDG 586-62, TOA BAJA IND MEDIA LUNA WARD, PR TOA BAJA (72137)	00759	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	08/15/1993	08/15/1993	St Perf
			00	PA	PA	1		03/29/1994	H St Perf
			00	SI	SI	1	04/26/1998	09/29/1999	L EPA Perf
			00	OO	SITE REASS	1		04/27/2004	N EPA Perf In-Hse
			00	VS	ARCH SITE	1		09/29/2004	EPA Perf In-Hse
PRD981561079 0202563	CATANO SOLID WASTE DISPOSAL RD 167 PALMAS WARD, PR	00632	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/31/1986	05/31/1986	St Perf
			00	PA	PA	1	06/30/1986	07/19/1986	N St Perf
			00	VS	ARCH SITE	1		07/19/1986	EPA Perf In-Hse

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PRD982181463 0202566	DORADO DRUM SITE PR STATE HIGHWAY #165 DORADO, PR DORADO (72051)	00646	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	RV	RMVL	1	03/02/1986	03/25/1986	C	EPA Perf
			00	DS	DISCVRY	1	03/22/1987	03/22/1987		EPA Perf
			00	PA	PA	1	05/03/1987	05/10/1987	N	EPA Perf
			00	VS	ARCH SITE	1		01/30/1997		EPA Perf In-Hse
			00	AR	ADMIN REC	1	12/10/1997			EPA Perf
PRD982271496 0202618	CAMUY RIVER DUMP SITE VICINITY OF 7 STATE ROAD #2KM.87.7 CAMUY, PR CAMUY (72027)	00627	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N							
			00	RV	RMVL	1	03/25/1987	04/21/1987	C	EPA Perf
			00	VS	ARCH SITE	1		01/22/1996		EPA Perf In-Hse
PRD982273435 0202595	PUERTO RICO ORGANICS, INC. GREEN BLDG. PUERTO RICO STATE RD. # 635 DOMINGUITO WARD ARECIBO, PR ARECIBO (72013)	00612	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	RV	RMVL	1	02/01/1986	04/10/1986	S	EPA Perf
			00	DS	DISCVRY	1	01/31/1987	01/31/1987		St Perf
			00	PA	PA	1	05/03/1987	05/10/1987	N	St Perf
			00	VS	ARCH SITE	1		01/30/1997		EPA Perf In-Hse
			00	AR	ADMIN REC	1	04/09/1997		V	EPA Perf

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PRD982276339 0202645	HERNANDEZ SITE C RD. 487 KM 1.1 HATILLO, PR HATILLO (72065)	00659	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	09/17/1987	09/17/1987	St Perf
			00	PA	PA	1	02/29/1988	03/14/1988	N St Perf
			00	VS	ARCH SITE	1		03/14/1988	EPA Perf In-Hse
PRD982276347 0202639	HERNANDEZ SITE H RD. 129, KM 11.8 HATILLO, PR HATILLO (72065)	00659	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	09/17/1987	09/17/1987	St Perf
			00	PA	PA	1	02/29/1988	03/20/1988	N St Perf
			00	VS	ARCH SITE	1		03/20/1988	EPA Perf In-Hse
PRD982276354 0202646	HERNANDEZ SITE E RT 487 HATILLO, PR HATILLO (72065)	00659	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	09/17/1987	09/17/1987	St Perf
			00	PA	PA	1	02/29/1988	03/20/1988	L St Perf
			00	SI	SI	1		10/19/1997	N EPA Perf
			00	VS	ARCH SITE	1		04/21/1998	EPA Perf In-Hse
PRD982276362 0202647	HERNANDEZ SITE D RT 487 HATILLO, PR HATILLO (72065)	00659	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	09/17/1987	09/17/1987		St Perf
			00	PA PA	1	02/29/1988	03/20/1988	L	St Perf
			00	SI SI	1	09/30/1993	09/08/1994	N	St Perf
			00	VS ARCH SITE	1		09/08/1994		EPA Perf In- Hse
PRD982276370 0202648	HERNANDEZ SITE B RT. 130, INTERSECTION 491 HATILLO, PR HATILLO (72065)	00659	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	09/30/1987	09/30/1987		St Perf
			00	PA PA	1	02/29/1988	03/20/1988	L	St Perf
			00	SI SI	1	09/30/1993	09/08/1994	N	St Perf
			00	VS ARCH SITE	1		09/08/1994		EPA Perf In- Hse
PRD982276388 0202642	HERNANDEZ SITE F KM 1.8 RT. 487 HATILLO, PR HATILLO (72065)	00659	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	09/17/1987	09/17/1987		St Perf
			00	PA PA	1	06/21/1988	06/28/1988	N	St Perf
			00	VS ARCH SITE	1		06/28/1988		EPA Perf In- Hse
PRD982276396 0202640	VILLA CAROLINA WTP AVE ROBERTO CLEMENTE CAROLINA, PR CAROLINA (72031)	00630	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	09/17/1987	09/17/1987		St Perf
			00	PA PA	1	06/21/1988	06/27/1988	N	St Perf
			00	VS ARCH SITE	1		06/27/1988		EPA Perf In-

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PRD982276404 0202641	ULSAR INTERNATIONAL INC. ST#1, HONDURAS WARD, EL PORTON SECTOR BARRANQUITAS, PR BARRANQUITAS (72019)	00618	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	09/17/1987	09/17/1987		St Perf
			00	PA	PA	1	02/29/1988	03/14/1988	N	St Perf
			00	VS	ARCH SITE	1		03/14/1988		EPA Perf In- Hse
PRD982276420 0202644	HERNANDEZ SITE G ROUTE 487 HATILLO, PR HATILLO (72065)	00659	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	09/17/1987	09/17/1987		St Perf
			00	PA	PA	1	06/21/1988	06/28/1988	N	St Perf
			00	VS	ARCH SITE	1		06/28/1988		EPA Perf In- Hse
PRD982530701 0202769	MUNICIPAL GARAGE (AGUADILLA) ROAD #14, KM 48.7 AGUADILLA, PR	00609	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	03/01/1988	03/01/1988		EPA Perf
			00	PA	PA	1	08/31/1988	11/02/1988	N	St Perf
			00	VS	ARCH SITE	1		11/02/1988		EPA Perf In- Hse

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PRD982530719 0202768	MUNICIPAL GARAGE (AGUADA) ROAD # 441 GUANIQUILLA WARD AGUADA, PR	00602	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	03/01/1988	03/01/1988	EPA Perf
			00	PA	PA	1	08/31/1988	11/02/1988	N St Perf
			00	VS	ARCH SITE	1		11/02/1988	EPA Perf In- Hse
PRD982530727 0202767	MUNICIPAL GARAGE (SAN JUAN) KENNEDY AVE. KM 1.7 PUERTO NUEVO SAN JUAN, PR SAN JUAN (72127)	00901	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	03/01/1988	03/01/1988	EPA Perf
			00	PA	PA	1	08/31/1988	11/02/1988	N St Perf
			00	VS	ARCH SITE	1		11/02/1988	EPA Perf In- Hse
PRD982530768 0202766	METROLOGY AND CALIBRATION LABS KM 19.9 ROAD #1 GUAYNABO, PR GUAYNABO (72061)	00657	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	03/01/1988	03/01/1988	EPA Perf
			00	PA	PA	1	06/21/1988	06/27/1988	N St Perf
			00	VS	ARCH SITE	1		06/27/1988	EPA Perf In- Hse
PRD987366044 0204344	PEPSI DUMP CIDRA INDUSTRIAL PARK CIDRA, PR CIDRA (72041)	00739	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						



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			00	DS DISCVRY	1	10/19/2000	10/19/2000		EPA Perf	
			00	PA PA	1		10/21/2002	N	EPA Perf	
			00	VS ARCH SITE	1		08/19/2003		EPA Perf In-Hse	
PRD987366119 0202867	PRODUCTORS MOTRICES INC. INDUSTRIAL ZONE O'REILLY, ROAD 189 GURABO, PR GURABO (72063)	00658	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	PA PA	1	08/31/1988	11/02/1988	N	St Perf	
			00	DS DISCVRY	1	09/18/1988	09/18/1988		St Perf	
			00	VS ARCH SITE	1		11/02/1988		EPA Perf In-Hse	
PRD987366127 0202868	TRANSWORLD ROAD 198 KM 24.5 LAS PIEDRAS, PR LAS PIEDRAS (72085)	00671	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	PA PA	1	08/31/1988	11/02/1988	N	St Perf	
			00	DS DISCVRY	1	09/18/1988	09/18/1988		St Perf	
			00	VS ARCH SITE	1		11/02/1988		EPA Perf In-Hse	
PRD987366135 0202861	GENERAL ELECTRIC INDICATING DEVICES CO ROAD 971 KM 18.6 NAGUABO, PR NAGUABO (72103)	00718	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	PA PA	1	08/31/1988	11/02/1988	N	St Perf	
			00	DS DISCVRY	1	09/18/1988	09/18/1988		St Perf	
			00	VS ARCH SITE	1		11/02/1988		EPA Perf In-Hse	

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PRD987366697 0202900	SANTIAGO DRUMS ROAD 371, KM3 (INTERIOR) PARCELA ALM.#85 YAUCO, PR YAUCO (72153)	00760	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	PA	PA	1	12/31/1988	02/28/1989	N	St Perf
			00	DS	DISCVRY	1	01/09/1989	01/09/1989		St Perf
			00	VS	ARCH SITE	1		02/28/1989		EPA Perf In-Hse
PRD987366713 0202777	ILLEGAL DISPOSAL LAGOON PRIVATE PENUELAS, PR PENUELAS (72111)	00724	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	PA	PA	1	12/31/1988	02/28/1989	N	St Perf
			00	DS	DISCVRY	1	01/09/1989	01/09/1989		St Perf
			00	VS	ARCH SITE	1		02/28/1989		EPA Perf In-Hse
PRD987366739 0202776	LUISE ROAD #2 KM 25.4 VEGA ALTA, PR VEGA ALTA (72143)	00762	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	PA	PA	1	12/31/1988	02/28/1989	N	St Perf
			00	DS	DISCVRY	1	01/09/1989	01/09/1989		St Perf
			00	VS	ARCH SITE	1		02/28/1989		EPA Perf In-Hse
PRD987367307 0202980	INTEGRAL DATA SYSTEMS OF PR INC ROAD 189 KM 12.4 MAMEY WARD JUNCOS, PR JUNCOS (72077)	00666	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							

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			00	PA PA	1	02/23/1989	06/29/1989	L	St Perf
			00	DS DISCVRY	1	04/20/1989	04/20/1989		St Perf
			00	SI SI	1	10/29/1996	09/29/1997	N	EPA Perf
			00	VS ARCH SITE	1		09/29/1997		EPA Perf In-Hse
PRD987367315 0202981	WESTERN METALS ROAD 345 KM 1.9 HORMIGUEROS, PR HORMIGUEROS (72067)	00660	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	04/20/1989	04/20/1989		St Perf
			00	PA PA	1		06/29/1989	N	St Perf
			00	VS ARCH SITE	1		01/30/1997		EPA Perf In-Hse
PRD987367323 0202982	ILLEGAL BATTERY DISPOSAL SITE NAVARRO ROAD, QUEBRADA ARENA WARD SAN JUAN, PR SAN JUAN (72127)	00901	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	02/07/1989	06/29/1989	N	St Perf
			00	DS DISCVRY	1	04/20/1989	04/20/1989		St Perf
			00	VS ARCH SITE	1		06/29/1989		EPA Perf In-Hse
PRD987367331 0202983	HYDROELECTRIC PLANT II COMERIO ROAD 167 EL SALTO WARD COMERIO, PR COMERIO (72045)	00642	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	03/14/1989	06/29/1989	N	St Perf
			00	DS DISCVRY	1	04/20/1989	04/20/1989		St Perf
			00	VS ARCH SITE	1		06/29/1989		EPA Perf In-Hse

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PRD987367398 0203135	ROCHE PRODUCTS INC. ROAD 686 KM 4.2 MANATI, PR MANATI (72091)	00701	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	03/30/1989	03/30/1989	St Perf
			00	VS	ARCH SITE	1		09/21/1989	EPA Perf In- Hse
			00	PA	PA	1		09/21/1989	N St Perf
PRD987367406 0203134	GE POWER BREAKERS 686 KM 0.9 CABO CARIBE VEGA BAJA, PR VEGA BAJA (72145)	00763	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	03/30/1989	03/30/1989	St Perf
			00	PA	PA	1	12/17/1989	09/26/1990	N St Perf
			00	VS	ARCH SITE	1		09/26/1990	EPA Perf In- Hse
PRD987369808 0203440	CARIBBEAN ELECTROPLATING ROAD 869 KM 0.5 PALMS WORD CATANO, PR CATANO (72033)	00632	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	08/19/1990	08/19/1990	St Perf
			00	PA	PA	1	04/29/1991	05/28/1991	L St Perf
			00	SI	SI	1	09/15/1992	03/29/1993	N EPA Perf
			00	VS	ARCH SITE	1		03/29/1993	EPA Perf In- Hse

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PRD987370053 0203260	CARIBE GENERAL ELECTRIC PRODT. BLDG.NO.2 RD # 402 KM 1.4 LAS MARIAS IND. PARK MANATI LAS MARIAS WARD, PR ANASCO (72011)	00670	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	11/07/1989	11/07/1989		St Perf
			00	VS	ARCH SITE	1		03/29/1990		EPA Perf In-Hse
			00	PA	PA	1		03/29/1990	N	St Perf
PRD987370061 0203259	CARIBE GENERAL ELCTRIC PRODT.BLDG. NO.1 ROAD # 402 KM 1.4 LAS MARIAS IND. PARK MANATI LAS MARIAS WARD, PR ANASCO (72011)	00670	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	11/07/1989	11/07/1989		St Perf
			00	VS	ARCH SITE	1		03/29/1990		EPA Perf In-Hse
			00	PA	PA	1		03/29/1990	N	St Perf
PRD987370129 0203289	GENERAL BATTERY CORP ROAD 887 KM. 0.8 JULIO MATOS INDUST.PARK CAROLINA, PR CAROLINA (72031)	00630	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	02/28/1990	02/28/1990		St Perf
			00	PA	PA	1	10/31/1990	11/06/1990	N	St Perf
			00	VS	ARCH SITE	1		11/06/1990		EPA Perf In-Hse

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PRD987370137 0203288	ARBROOK INC. ROAD 156 KM. 58.8 CAGUAS, PR CAGUAS (72025)	00625	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	03/04/1990	03/04/1990	St Perf
			00	PA	PA	1	09/06/1990	11/06/1990	N St Perf
			00	VS	ARCH SITE	1		11/06/1990	EPA Perf In-Hse
PRD987370145 0203287	HATO REY ELECTROPLATING BARBOSA AVENUE #611. OBRERO WARD SANTURCE, PR SAN JUAN (72127)	00915	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	02/08/1990	02/08/1990	St Perf
			00	PA	PA	1	06/12/1990	09/25/1990	L St Perf
			00	SI	SI	1	09/30/1995	09/29/1997	N St Perf
			00	VS	ARCH SITE	1		09/29/1997	EPA Perf In-Hse
PRD987370152 0203285	TEXACO CATANO TERMINAL PORT ZONE, CANEJA WARD GUAYNEJA WARD, PR GUAYNABO (72061)	00657	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	02/04/1990	02/04/1990	St Perf
			00	PA	PA	1	04/24/1990	09/11/1990	N St Perf
			00	VS	ARCH SITE	1		09/11/1990	EPA Perf In-Hse
PRD987370160 0203284	TEXACO GUAYANILLA TERMINAL STATE ROAD #127 GUAYANILLA, PR GUAYANILLA (72059)	00656	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	02/04/1990	02/04/1990		St Perf
			00	PA PA	1	05/12/1990	06/12/1990	N	St Perf
			00	VS ARCH SITE	1		06/12/1990		EPA Perf In-Hse
PRD987370178 0203283	TEXACO AIRPORT TERMINAL SHOULDER STATE ROAD #26 MUNIZ AIR BASE CAROLINA, PR CAROLINA (72031)	00630	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	01/29/1990	01/29/1990		St Perf
			00	PA PA	1	05/12/1990	06/12/1990	N	St Perf
			00	VS ARCH SITE	1		06/12/1990		EPA Perf In-Hse
PRD987370186 0203281	ESSO GUAYANILLA PLANT ROAD 127 PLAYA WARD GUAYANILLA, PR GUAYANILLA (72059)	00724	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	02/05/1990	02/05/1990		St Perf
			00	PA PA	1	03/20/1990	09/11/1990	N	St Perf
			00	VS ARCH SITE	1		09/11/1990		EPA Perf In-Hse
PRD987370194 0203291	PRODUCTS CIRCUITOS DE PUERTO RICO INC. ROAD 149 KM. 66.3, LAMAS WARD JUANA DIAZ, PR JUANA DIAZ (72075)	00665	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	02/28/1990	02/28/1990		St Perf
			00	PA PA	1	05/20/1990	09/10/1990	D	St Perf
			00	VS ARCH SITE	1		09/29/1997		EPA Perf In-

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			00	SI SI	1		09/29/1997	N	Hse EPA Perf	
PRD987370947 0203378	WESTERN METALS RD #173 KM. 1.2 CIDRA, PR CIDRA (72041)	00639		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	12/17/1989	12/17/1989		St Perf	
			00	PA PA	1	08/14/1990	09/26/1990	L	St Perf	
			00	SI SI	1		03/06/1996	N	St Perf	
			00	VS ARCH SITE	1		04/21/1998		EPA Perf In- Hse	
PRD987370954 0203379	DUPONT E.I DE NEMOURS MALECON FINAL AVE. BEHIND PUERTO TUNAS PONCE, PR PONCE (72113)	00731		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	VS ARCH SITE	1		09/26/1990		EPA Perf In- Hse	
			00	DS DISCVRY	1	09/26/1990	09/26/1990		St Perf	
			00	PA PA	1	09/26/1990	09/26/1990	N	St Perf	
PRD987372604 0203729	EL MORRO CORRUGATED BOX CORPORATION ROAD 690, KM. 1.7 SABANA WARD, PR VEGA ALTA (72143)	00692		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	07/02/1992	09/28/1993	H	St Perf	
			00	DS DISCVRY	1	07/02/1992	07/02/1992		St Perf	
			00	SI SI	1	10/29/1996	08/26/1997	N	EPA Perf	
			00	VS ARCH SITE	1		04/21/1998		EPA Perf In- Hse	



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PRD987372794 0203644	CABO ROJO TREATING PLANT/COMMERCIAL TORO STATE ROAD 312 INT. 313 KM. 1.1 BALLAJA WARD, PR CABO ROJO (72023)	00623	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	01/15/1992	01/15/1992	St Perf
			00	PA	PA	1		04/27/1992	L St Perf
			00	VS	ARCH SITE	1		09/29/1997	EPA Perf In-Hse
			00	SI	SI	1		09/29/1997	N EPA Perf
PRD987373149 0203404	PPM CHEMICAL CORP. OF P.R. ROAD #2 KM. 16.2 CANDELARIA WARD, PR TOA BAJA (72137)	00759	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	09/27/1990	09/27/1990	St Perf
			00	PA	PA	1	09/30/1990	03/27/1991	N St Perf
			00	VS	ARCH SITE	1		03/27/1991	EPA Perf In-Hse
PRD987373529 0203471	SYLTRON, INC. ROAD #992 KM. 0.5 LUQUILLO INDUST PARK MATA DE PLATANO WARD, PR LUQUILLO (72089)	00673	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	02/27/1991	02/27/1991	EPA Perf
			00	PA	PA	1	03/31/1991	06/24/1991	N St Perf
			00	VS	ARCH SITE	1		06/24/1991	EPA Perf In-Hse

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PRD987374089 0203431	GUAYAMA DISPOSAL SITE RD 707 KM 2.6 PUERTO DE JOBOS, PR GUAYAMA (72057)	00654	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1		08/31/1985	L	EPA Perf
			00	DS DISCVRY	1	08/31/1985	08/31/1985		EPA Perf
			00	SI SI	1		08/31/1985	H	EPA Perf
			00	VS ARCH SITE	1		01/30/1997		EPA Perf In-Hse
PRD987374121 0203433	PLAYA LUCIA DUMP SITE ROAD # 901 JUAN MARTIN WARD YABUCOA, PR YABUCOA (72151)	00767	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	09/30/1990	03/27/1991	N	St Perf
			00	DS DISCVRY	1	11/01/1990	11/01/1990		EPA Perf
			00	VS ARCH SITE	1		03/27/1991		EPA Perf In-Hse
PRD987374139 0203434	ARECIBO DRUM SITE STATE ROAD # 2KM. 63.8 ARECIBO, PR ARECIBO (72013)	00612	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	09/30/1990	03/27/1991	L	St Perf
			00	DS DISCVRY	1	12/12/1990	12/12/1990		St Perf
			00	SI SI	1	09/30/1997	09/29/1998	N	St Perf
			00	VS ARCH SITE	1		10/20/1998		EPA Perf In-Hse
PRD987374295 0203573	PUERTO RICO WOOD TREATING IND. INC 65TH INFANTRY AVENUE KM. 7.0 SAN ANTON WARD, PR CAROLINA (72031)	00630	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	07/31/1991	07/31/1991		St Perf
			00	PA PA	1	09/23/1991	12/15/1991	N	St Perf
			00	VS ARCH SITE	1		12/15/1991		EPA Perf In-Hse
PRD987374469 0203476	BORINQUEN METALS CARR. #1 KM. 39.6 TURABO WARD, PR CAGUAS (72025)	00625	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	03/07/1991	03/07/1991		EPA Perf
			00	PA PA	1	08/04/1991	09/05/1991	N	St Perf
			00	VS ARCH SITE	1		09/05/1991		EPA Perf In-Hse
PRD987374477 0203479	BUNKER PARK DRUM SITE HIGHWAY #52 BEHIND BUNKE BSBL PRK MR SR CAGUAS, PR CAGUAS (72025)	00625	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	03/07/1991	03/07/1991		EPA Perf
			00	PA PA	1	03/31/1991	06/24/1991	N	St Perf
			00	VS ARCH SITE	1		06/24/1991		EPA Perf In-Hse
PRD987374485 0203478	CARIBBEAN TUBULAR CORP D STREET PRINCIPAL AVE MINI IND PARK BAYAMON PUERTO RICO, PR BAYAMON (72021)	00619	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	02/04/1991	02/04/1991		EPA Perf
			00	PA PA	1	08/04/1991	09/05/1991	L	St Perf
			00	SI SI	1		09/16/1998	N	EPA Perf

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			00	VS ARCH SITE	1		09/22/1998		EPA Perf In-Hse
PRD987374493 0203473	HOYO MULAS DUMP SITE STATE ROAD #3 KM. 14.1 CANOVANILLAS WARD, PR CAROLINA (72031)	00630	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	03/12/1991	03/12/1991		EPA Perf
			00	PA PA	1	03/31/1991	05/31/1991	N	St Perf
			00	VS ARCH SITE	1		05/31/1991		EPA Perf In-Hse
PRD987374501 0203474	UNITED BATTERIES CORP STATE ROAD #3 KM. 13.4 (BEH WARN LAM LB) CANOVANILLAS WARD, PR CAROLINA (72031)	00630	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	03/12/1991	03/12/1991		EPA Perf
			00	PA PA	1	07/17/1991	09/08/1991	N	St Perf
			00	VS ARCH SITE	1		09/08/1991		EPA Perf In-Hse
PRD987374725 0203508	GONZALEZ JUNKER ROAD #140 KM. 62.3 MAGUEYES, PR BARCELONETA (72017)	00617	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	06/12/1991	06/12/1991		St Perf
			00	PA PA	1	08/04/1991	09/05/1991	L	St Perf
			00	SI SI	1	10/29/1996	09/22/1997	N	EPA Perf
			00	VS ARCH SITE	1		09/29/1997		EPA Perf In-Hse

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PRD987374733 0203507	LUQUILLO MUNICIPAL LANDFILL ROAD #3 KM. 34.7 (INTERIOR) MATA DE PLATANO WARD, PR LUQUILLO (72089)	00673	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/28/1991	05/28/1991	St Perf
			00	PA	PA	1	08/04/1991	09/05/1991	N St Perf
			00	VS	ARCH SITE	1		09/05/1991	EPA Perf In-Hse
PRD987374741 0203505	CENTRAL AZUCARERA FAJARDO ROAD #3 KM. 46.3 FAJARDO, PR FAJARDO (72053)	00648	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	06/19/1991	06/19/1991	St Perf
			00	PA	PA	1	07/29/1991	09/08/1991	H St Perf
			00	VS	ARCH SITE	1		12/28/1992	EPA Perf In-Hse
			00	SI	SI	1		12/28/1992	N EPA Perf
PRD987374758 0203506	CENTRO AFA - YAUCO ROAD 3375 (OLD JORGE BAEZ SCHOOL) DUEY, PR YAUCO (72153)	00768	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	06/17/1991	06/17/1991	St Perf
			00	PA	PA	1	07/01/1991	09/08/1991	N St Perf
			00	VS	ARCH SITE	1		09/08/1991	EPA Perf In-Hse
PRD987375227 0203517	TICK ERRADICATION PROGRAM SUBSTATION ROAD # 110, KM. 10.0 ROMEY AIR FORCE BASE, PR AGUADILLA (72005)	00604	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						

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			00	DS DISCVRY	1	07/05/1991	07/05/1991		St Perf
			00	PA PA	1	09/04/1991	12/12/1991	N	St Perf
			00	VS ARCH SITE	1		12/12/1991		EPA Perf In-Hse
PRD987375235 0203526	N.B. JACKETS OF PUERTO RICO ROAD #1KM. 33.4 BAIROA WARD, PR CAGUAS (72025)	00726	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	07/17/1991	07/17/1991		St Perf
			00	PA PA	1	08/29/1991	12/15/1991	L	St Perf
			00	SI SI	1	10/29/1996	09/24/1997	N	EPA Perf
			00	VS ARCH SITE	1		09/29/1997		EPA Perf In-Hse
PRD987375243 0203527	RADEC CO GARRIDO MORALES STREET PUEBLO ESTE, PR FAJARDO (72053)	00738	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	07/29/1991	07/29/1991		St Perf
			00	PA PA	1	10/08/1991	11/07/1991	N	St Perf
			00	VS ARCH SITE	1		11/07/1991		EPA Perf In-Hse
PRD987375250 0203528	CENTRAL ELECTRICA DE AGUIRRE ROAD #705 AGUIRRE WARD, PR SALINAS (72123)	00704	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	08/04/1991	08/04/1991		St Perf
			00	PA PA	1	12/02/1992	09/21/1993	H	St Perf
			00	SI SI	1		07/26/1998	H	EPA Perf
			00	OO SITE REASS	1		08/10/2003	N	St Perf

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			00	VS ARCH SITE	1		08/19/2003		EPA Perf In-Hse
PRD987375524 0204042	DORADO ANTILLES ELECTROPLATING INC 75 D ST URB IND MINILLAS-BLDG M-648- 64 BAYAMON, PR BAYAMON (72021)	00619	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA PA	1	09/30/1995	05/12/1998	N	St Perf
			00	DS DISCVRY	1	02/06/1996	02/06/1996		St Perf
			00	VS ARCH SITE	1		07/28/1998		EPA Perf In-Hse
PRD987376688 0203571	MULTICHEMICAL CORP STATE ROAD #1 BUCARE AVE SIERRA BRAVA SE TORTUGO WARD, PR SAN JUAN (72127)	00901	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	07/05/1991	07/05/1991		St Perf
			00	PA PA	1	12/01/1991	01/06/1992	H	EPA Perf
			00	SI SI	1	09/30/1996	09/29/1997	N	St Perf
			00	VS ARCH SITE	1		09/29/1997		EPA Perf In-Hse
PRD987376696 0203572	CARIBBEAN TUBULAR II D STREET URB INDUSTRIAL MINILLAS MINILLAS WARD, PR BAYAMON (72021)	00619	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	08/12/1991	08/12/1991		St Perf
			00	PA PA	1	09/24/1991	12/15/1991	L	St Perf
			00	SI SI	1		02/08/1998	N	EPA Perf
			00	VS ARCH SITE	1		07/28/1998		EPA Perf In-

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Hse										
PRD987377264 0203707	SHELLFOAM PRODUCTS ROAD #171 KM. 0.0 SUD WARD, PR CIDRA (72041)	00739	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	05/04/1992	05/04/1992		St Perf
			00	PA	PA	1	08/31/1992	09/21/1992	N	St Perf
			00	VS	ARCH SITE	1		09/21/1992		EPA Perf In- Hse
			00	SI	SI	1		09/29/2003	N	EPA Perf
PRD987378445 0203591	DOS BOCAS DUMP SITE STATE ROAD #146 KM. BETWEEN 1.2 & 3.4 SABANA HOYOS WARD, PR UTUADO (72141)	00761	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	02/26/1991	02/26/1991		St Perf
			00	PA	PA	1	12/12/1991	01/07/1992	N	St Perf
			00	VS	ARCH SITE	1		01/07/1992		EPA Perf In- Hse
PRD987378460 0203593	RIO GRANDE MUNICIPAL DISPOSAL SITE ROAD 187 KM. 1.5 CIENAGA BAJA WARD, PR	00745	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	11/07/1991	11/07/1991		St Perf
			00	PA	PA	1	12/21/1991	01/06/1992	H	EPA Perf
			00	SI	SI	1	04/26/1998	09/13/1999	N	EPA Perf
			00	VS	ARCH SITE	1		09/29/1999		EPA Perf In- Hse



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PRD987378924 0203706	ULTRALUMBER CAGUAS ROAD #1KM. 33.3 BAIROA WARD, PR CAGUAS (72025)	00725	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/03/1992	05/03/1992	St Perf
			00	PA	PA	1	08/31/1992	09/23/1992	N St Perf
			00	VS	ARCH SITE	1		09/23/1992	EPA Perf In-Hse
PRD987379013 0203645	ISLA VERDE TRANSPORT STATE ROAD #28 C AVENUE, LOT #7 SAN JUAN HARBOR, PR SAN JUAN (72127)	00936	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	02/05/1992	02/05/1992	St Perf
			00	PA	PA	1	08/31/1992	09/20/1992	H St Perf
			00	SI	SI	1	09/15/1992	03/24/1993	N EPA Perf
			00	VS	ARCH SITE	1		03/24/1993	EPA Perf In-Hse
PRD987379021 0203646	JUDSCOTT HARDPRINTS, LTD OF P.R., INC ROAD #402 KM. 0.6 ANASCO, PR ANASCO (72011)	00610	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	02/06/1992	02/06/1992	St Perf
			00	PA	PA	1	08/31/1992	09/22/1992	H St Perf
			00	SI	SI	1	10/29/1996	09/29/1997	N St Perf
			00	VS	ARCH SITE	1		09/29/1997	EPA Perf In-Hse

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PRD987379039 0203647	B AND B WOOD TREATING AND PROCESSING INC DESEMBARCADERO STREET, AMELIA INDUST PAR SABANA WARD, PR GUAYNABO (72061)	00657	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	02/23/1992	02/23/1992	St Perf
			00	PA	PA	1	08/31/1992	09/20/1992	L St Perf
			00	SI	SI	1	09/15/1992	03/24/1993	N EPA Perf
			00	VS	ARCH SITE	1		03/24/1993	EPA Perf In- Hse
PRD987379344 0203671	B & B WOODTREATING AND PROCESSING II ROAD 848. KM. 1.7 SAINT JUST INDUST PARK TRUJILLO ALTO, PR	00976	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	04/30/1992	04/30/1992	St Perf
			00	PA	PA	1	08/31/1992	09/22/1992	H St Perf
			00	SI	SI	1	09/30/1997	06/22/1998	N EPA Perf
			00	VS	ARCH SITE	1		10/20/1998	EPA Perf In- Hse
PRD987379443 0203968	CENTRAL GUANICA STATE ROAD #325, KM 0.4 GUANICA, PR	00653	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA	PA	1	09/30/1994	04/23/1995	H St Perf
			00	DS	DISCVRY	1	11/06/1994	11/06/1994	St Perf
			00	SI	SI	1	04/26/1998	09/29/1999	N EPA Perf
			00	VS	ARCH SITE	1		09/29/1999	EPA Perf In- Hse

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PRD987379575 0203773	PREPA PUERTO NUEVO THERMOELECTRIC STATE ROAD 28 PUERTO NUEVO, PR SAN JUAN (72127)	00934	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	02/22/1993	02/22/1993	St Perf
			00	PA	PA	1	02/22/1993	07/07/1993	H St Perf
			00	VS	ARCH SITE	1		09/29/1997	EPA Perf In-Hse
			00	SI	SI	1		09/29/1997	N EPA Perf
PRD987380144 0203705	SEARS CAR SHOP 65TH INFANTRY AVE. KM. 8.1 PLAZA CAROLINA MALL, PR CAROLINA (72031)	00983	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/01/1992	05/01/1992	St Perf
			00	PA	PA	1	07/01/1992	07/07/1993	N St Perf
			00	VS	ARCH SITE	1		07/07/1993	EPA Perf In-Hse
PRD987380524 0204243	SCORPIO RECYCLING CO., FAMILY METALS INC 705 PEDRO DE CASTRO ST CALLE MARGINAL NORTE, CORNER OF SANTURCE, PR	00909-3018	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	PA	PA	1	11/09/1999	03/12/2000	N EPA Perf
			00	DS	DISCVRY	1	11/10/1999	11/10/1999	EPA Perf
			00	VS	ARCH SITE	1		09/29/2002	EPA Perf In-Hse

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PRN000204334 0204334	CIDRA INDUSTRIAL PARK- VACANT LOT A STREET, CIDRA INDUSTRIAL PARK CIDRA, PR CIDRA (72041)	00739	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	10/19/2000	10/19/2000		EPA Perf
			00	PA	PA	1		09/23/2002	N	EPA Perf
			00	VS	ARCH SITE	1		09/26/2002		EPA Perf In- Hse
PRN000204337 0204337	ENCO MANUFACTURING CORP.- MANUFACTURING PLANT RT. 173, KM0.2 CIDRA, PR CIDRA (72041)	00739	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	10/19/2000	10/19/2000		EPA Perf
			00	PA	PA	1		09/29/2002	N	EPA Perf
			00	VS	ARCH SITE	1		10/07/2002		EPA Perf In- Hse
PRN000204338 0204338	EXCELLENT LAUNDRY RT. 172, KM 13.8 CIDRA, PR CIDRA (72041)	00739	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	10/19/2000	10/19/2000		EPA Perf
			00	PA	PA	1	10/19/2000	09/29/2004	N	EPA Perf
			00	VS	ARCH SITE	1		09/29/2004		EPA Perf In- Hse
PRN000204339 0204339	HOSPITAL PAN AMERICANO RT. 787, BAYAMON WARD CIDRA, PR CIDRA (72041)	00739	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	10/19/2000	10/19/2000		EPA Perf
			00	PA	PA	1	10/19/2000	09/29/2004	N	EPA Perf
			00	VS	ARCH SITE	1		09/29/2004		EPA Perf In- Hse

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			00	DS DISCVRY	1	10/19/2000	10/19/2000		EPA Perf
			00	PA PA	1		09/29/2002	N	EPA Perf
			00	VS ARCH SITE	1		09/22/2003		EPA Perf In-Hse
PRN000204343 0204343	NORTH AMERICAN PACKAGING CORP EL JIBARO INDUSTRIAL PARK CIDRA, PR CIALES (72039)	00739	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	10/19/2000	10/19/2000		EPA Perf
			00	PA PA	1		09/29/2002	N	EPA Perf
			00	VS ARCH SITE	1		10/07/2002		EPA Perf In-Hse
PRN000204345 0204345	REXAM MEDICAL PACKAGING CO. 50 BALDORIOTY, RT. 173, KM 0.5 CIDRA, PR CIDRA (72041)	00739	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	10/19/2000	10/19/2000		EPA Perf
			00	PA PA	1		09/29/2002	N	EPA Perf
			00	VS ARCH SITE	1		10/07/2002		EPA Perf In-Hse
PRN000204346 0204346	ROUTE 7733 DUMP RT. 7733, NEAR INTERSECTION 171 CIDRA, PR CIDRA (72041)	00739	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	10/19/2000	10/19/2000		EPA Perf
			00	PA PA	1		09/23/2002	N	EPA Perf
			00	VS ARCH SITE	1		09/26/2002		EPA Perf In-Hse

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 Region 02  
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EPA ID SITE ID	SITE NAME STREET 1 STREET 2 CITY, STATE COUNTY (COUNTY FIPS CODE)	ZIP CONG DIST.	OPERABLE UNIT NUMBER	ACTION CODE, ACTION ABBREV	ACT SEQ	ACTUAL START DATE	ACTUAL COMPLETE DATE	ACTION QUALIFIER	CURRENT PERFORMING ACTION LEAD ABBREV
PRN000204371 0204371	PUERTO RICO WIRE HOSTOS AVE, ROAD 10, KM. 2.6 PONCE, PR PONCE (72113)	00732	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	06/19/2002	06/19/2002	St Perf
			00	PA	PA	1	06/19/2002	03/10/2004	N St Perf
			00	HX	PRE-CERC	1		06/19/2002	St Perf
			00	VS	ARCH SITE	1		09/29/2004	EPA Perf In-Hse
PRN000204377 0204377	METALES RAMOS STATE ROAD 103, KM 2.3 CABO ROJO, PR CABO ROJO (72023)	00623	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	06/12/2002	06/12/2002	St Perf
			00	PA	PA	1	06/12/2002	03/17/2003	N St Perf
			00	HX	PRE-CERC	1		06/12/2002	St Perf
			00	VS	ARCH SITE	1		08/10/2005	EPA Perf In-Hse
PRN000204471 0204471	GULF TREATING JOHN ALBERT 320 BECHARA INDUSTRIAL PARK SAN JUAN, PR SAN JUAN (72127)	00936	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS	DISCVRY	1	05/05/2003	05/05/2003	EPA Perf
			00	PA	PA	1	05/05/2003	09/07/2003	N EPA Perf
			00	VS	ARCH SITE	1	08/07/2013	08/07/2013	EPA Perf In-Hse

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EPA ID SITE ID	SITE NAME STREET 1 STREET 2 CITY, STATE COUNTY (COUNTY FIPS CODE)	ZIP CONG DIST.	OPERABLE UNIT NUMBER	ACTION CODE, ACTION ABBREV	ACT SEQ	ACTUAL START DATE	ACTUAL COMPLETE DATE	ACTION QUALIFIER	CURRENT PERFORMING ACTION LEAD ABBREV	
PRN000204537 0204537	PRODUCTOS MEDICOS INC. STREET 30, CORNER 41 SANTA JUANITA MINILLAS WARD, PR BAYAMON (72021)	00946	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	NX	COMB PA/SI	1	12/15/2003	03/31/2004	N	St Perf
			00	DS	DISCVRY	1	12/15/2003	12/15/2003		St Perf
			00	VS	ARCH SITE	1		09/29/2004		EPA Perf In-Hse
PRR000012245 0204332	CIBA VISION INC. EL JIBARO INDUSTRIAL PARK CIDRA, PR CIDRA (72041)	00739	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	10/19/2000	10/19/2000		EPA Perf
			00	PA	PA	1		09/29/2002	N	EPA Perf
			00	VS	ARCH SITE	1		10/07/2002		EPA Perf In-Hse
PRR000014837 0204455	CLEAN HARBORS STATE ROAD #666 BARCELONETA, PR BARCELONETA (72017)	00617	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							
			00	DS	DISCVRY	1	03/23/2003	03/23/2003		St Perf
			00	PA	PA	1	03/23/2003	09/30/2003	L	St Perf
			00	SI	SI	1		12/22/2003	N	St Perf
			00	VS	ARCH SITE	1		09/29/2004		EPA Perf In-Hse
PRSFN0204189 0204189	NAVIERAS DE PUERTO RICO INC. (NPR, INC.) ZONA PORTUARIA , PUERTO NUEVO SAN JUAN, PR	00936-8306	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N							

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EPA ID SITE ID	SITE NAME STREET 1 STREET 2 CITY, STATE COUNTY (COUNTY FIPS CODE)	ZIP CONG DIST.	OPERABLE UNIT NUMBER	ACTION CODE, ACTION ABBREV	ACT SEQ	ACTUAL START DATE	ACTUAL COMPLETE DATE	ACTION QUALIFIER	CURRENT PERFORMING ACTION LEAD ABBREV
			00	DS DISCVRY	1	01/04/1998	01/04/1998		EPA Perf
			00	PA PA	1		11/11/1999	N	St Perf
			00	VS ARCH SITE	1		03/23/2000		EPA Perf In-Hse
PRSFN0204194 0204194	"NEW" ARMY AVIATION SUPPORT ISLA GRANDE ROAD OFF HACIA FERNANDEZ JUNCOS AVENUE SAN JUAN, PR		NPL STATUS: N FEDERAL FACILITY: Y NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: Y						
			00	RX FF PA	1		08/29/1999	N	EPA Perf In-Hse
			00	VS ARCH SITE	1		09/29/1999		EPA Perf In-Hse
			00	DS DISCVRY	1	12/28/2000	12/28/2000		EPA Perf
PRSFN0204203 0204203	CROSSLAND BOILERS SALES & SERVICE INC. ROAD 175, KM 0.02 (CORNER RD 1) RIO CANAS INDUSTRIAL PARK CAGUAS, PR CAGUAS (72025)	00726-4952	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
			00	RS RV ASSESS	1	01/26/1999	02/04/1999		EPA Perf
			00	RV RMVL	1	02/04/1999	03/18/1999	C	EPA Perf
			00	VS ARCH SITE	1		09/29/2002		EPA Perf In-Hse
PRSFN0204244 0204244	SCORPIO RECYCLING CO. MARTIN GONZALEZ ROUTE 887, KM 14.5 CAROLINA, PR CAROLINA (72031)		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						



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EPA ID SITE ID	SITE NAME STREET 1 STREET 2 CITY, STATE COUNTY (COUNTY FIPS CODE)	ZIP CONG DIST.	OPERABLE UNIT NUMBER	ACTION CODE, ACTION ABBREV	ACT SEQ	ACTUAL START DATE	ACTUAL COMPLETE DATE	ACTION QUALIFIER	CURRENT PERFORMING ACTION LEAD ABBREV
			00	DS DISCVRY	1	11/10/1999	11/10/1999		EPA Perf
			00	PA PA	1		03/12/2000	N	EPA Perf
			00	VS ARCH SITE	1		09/29/2002		EPA Perf In-Hse
PRSFN0204246 0204246	SCORPIO RECYCLING CO. ESPINOSA WARD ROUTE NO 2 DORADO, PR		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	11/10/1999	11/10/1999		EPA Perf
			00	PA PA	1		03/12/2000	N	EPA Perf
			00	VS ARCH SITE	1		09/29/2002		EPA Perf In-Hse
PRSFN0204249 0204249	RECOVERY & RECYCLING EXPORT CO. CERTENEJAS STATE RD#172,7034-SECTOR CERTENEJAS 11 CIDRA, PR		NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information FEDERAL FACILITY DOCKET IND: N						
			00	DS DISCVRY	1	11/10/1999	11/10/1999		EPA Perf
			00	PA PA	1	12/06/1999	02/27/2000	H	EPA Perf
			00	SI SI	1	03/14/2000	05/29/2001	N	EPA Perf
			00	VS ARCH SITE	1		06/12/2001		EPA Perf In-Hse
VI0001164946 0204021	WICO-WEST INDIAN COMPANY LTD HAVENSIGHT-LIVERPOOL ESTATE MAIN OFFICE ST THOMAS, VI ST. THOMAS (78030)	00801	NPL STATUS: N FEDERAL FACILITY: N NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed) FEDERAL FACILITY DOCKET IND: N						
			00	RV RMVL	1	10/13/1995	05/11/1997	C	EPA Perf

# Cleanups and Grants Listing Page

Use this page to get a listing of cleanups or grant areas in the geographic area you define.

## Step 1 - Define your geographic area of interest.

Complete the boxes below from left to right, choosing options and entering names or numbers.

City

## Step 2 - Choose your search type.

Choose a Basic or Advanced search for Cleanups, or the search option for Brownfields Grant Jurisdictions. You can click on each option to see what additional choices each search type provides.

- Basic Filters
  Advanced Filters
  Grants Filters
  RE-Powering Filters

## Step 3 - Choose programs and/or other specific filters within your search type, and then click the "Apply" button.

Basic Filters
Apply

---

All Cleanups

**Brownfields Properties**

- Assessment Grants
- Assessment Pilots
- Cleanup Grants
- RLF Grants
- RLF Pilots
- Multi-Purpose Grants
- Area-Wide Grants
- State and Tribal 128(a) Grants
- State and Tribal 128(a) Pilots
- Showcase Community
- Targeted Brownfields Assessments

**Acronyms**

RLF: Revolving Loan Fund  
NPL: National Priority List  
CWA: Clean Water Act  
OPA: Oil Pollution Act  
RCRA: Resource Conservation & Recovery Act  
BRAC: Base Realignment & Closure  
CERCLA: Comprehensive Environmental Response, Compensation, & Liability Act

**RCRA Hazardous Waste - Corrective Actions**

- Current Corrective Action
- Remedy Selected
- Construction Complete
- Remedy Action Complete
- Remedy Not Yet Selected

**Federal Agency Hazardous Waste Compliance Docket**

- NPL Superfund
- BRAC
- RCRA
- Other Docket Facilities

**Superfund NPL Sites**

- Proposed
- Final
- Deleted
- Superfund Sites Targeted for Immediate, Intense Action

**Federal Facilities**

- BRAC
- Superfund
- RCRA

**Recovery Act (2009)**

- Brownfields Properties
- Superfund

**Responses**

**Response Type**

- Emergency
- Non-Time-Critical
- Pre-Deployment
- PRP Oversight
- Time-Critical
- No Category

**Response Authority**

- CERCLA
- CERCLA/OPA
- CWA
- OPA
- Stafford Act
- No Category

**Status**

- Active
- Complete

**Incident Category**

- Removal Action
- Removal Assessment
- No Category

- Click on the column header to sort in ascending or descending order.
- To directly view any profiles and reports available for a cleanup, click on the associated report(s) found in columns designated as "...Link"
- To see a map of a cleanup, click on the "Map It" link found in the "Map Site" column.
- To export/download the list of cleanups, click Actions (located below), then click Download and choose the report format.
- To add additional columns, click Actions, click Select Columns, then choose the column(s) from the left "Do Not Display" box and move them to the "Display in Report" box. Columns can be re-ordered by moving them up or down in the "Display in Report" box but return to the default order when opening a new session.

FRS Link	Cleanup Name	Location Address	City Name	State Code	Postal Code	County Name	EPA ID	Brownfields Link	RCRA Link	Superfund Link	ECHO Link	Response Link	RE-Powering Link	Map Site
110067349293	PAPELERA PUERTORRIQUENA, INC.	RD 111 KM 1.8, VIVI ABAJO WARD	UTUADO	PR	00641	UTUADO MUNICIPIO	PRD090290685			0205848			RE-Powering Site Profile	Map It
	LAGOS DOS BOCAS OIL SPILL II		UTUADO	PR	00641	Utuaado						8075		Map It
	LAGOS DOS BOCAS OIL SPILL		UTUADO	PR	00641	Utuaado						8058		Map It

1 - 3 of 3

1 - 3 of 3

378270 55 GAL WASTE OIL DRUMS/DRUMS LEAKING MATERIAL INTO A RIVER

1276521 CALLER STATED AN UNKNOWN CHEMICAL WAS DUMPED ON THE GROUND OUTSIDE OF THEIR PRIVATE RESIDENCE. CALLER STATED THEY ARE HAVING PROBLEMS BREATHING BECAUSE OF THE UNKNOWN CHEMICAL.

145769 COMPANY IS DUMPING CHEMICALS INTO THE RIO VIVI

238332 SERVICE STATION 406/STORAGE TANK/PIN HOLE IN TANK

1200267 THE CALLER IS REPORTING A DIESEL DISCHARGE INTO A LAKE WHILE FUELING 2 PUMPS. THE PUMPS ARE IN PLACE DUE TO HURRICANE MARIA.

1207479 CALLER STATED 150 GALLONS OF LUBE OIL RELEASED FROM A MACHINE AT THE HYDRO ELECTRIC PLANT DUE TO AN EQUIPMENT MALFUNCTION.

	RD 111 KM 3.1		UTUADO
	ARENAS SECTOR ELGUALNO	#26	UTUADO
	AVENIDA ESTAVAS		UTUADO
	RTE 10	KM 53.3	UTUADO
	ROAD 111 KM 65		UTUADO
DOS BOCAS HYDRO ELECTRIC PLANT			UTUADO

*Phase I Environmental Site Assessment Report  
Former Mechanical Shop  
PR-10 (Utado - Adjuntas)  
Project – AC-100069  
Guaónico Ward  
Utado, Puerto Rico  
CES Project No. 20-0008*

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**APPENDIX 7  
PHASE II REPORT**

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**LIMITED PHASE II DETECTION LEVEL  
ENVIRONMENTAL SITE ASSESSMENT REPORT  
FORMER MECHANICAL SHOP  
PR-10 (UTUADO-ADJUNTAS)  
PROJECT - AC-100069  
GUAÓNICO WARD  
UTUADO, PUERTO RICO**

**PREPARED FOR:**

**PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY  
SAN JUAN, PUERTO RICO**

**PREPARED BY:**

**CARIBE ENVIRONMENTAL SERVICES  
CAGUAS, PUERTO RICO**

**PROJECT NO. 20-0008**

**AUGUST 2020**



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**FIGURES**

Figure 1	Site Vicinity Map
Figure 2	Site Sketch
Figure 3	Approximate Sample Locations

**APPENDICES**

Appendix A	Work and Sampling Plan (WSP)
Appendix B	Soil Boring Logs
Appendix C	Photographs
Appendix D	Chain of Custodies
Appendix E	Laboratory Results



## PRIVILEGED AND CONFIDENTIAL

### 1.0 INTRODUCTION

#### 1.1 Background Information

A Phase I Environmental Assessment Report (Phase I) is being conducted by Caribe Environmental Services (CES) for a parcel of land acquired by the Puerto Rico Highway and Transportation Authority (PRHTA) as part of the proposed PR-10 Utua-do-Adjuntas highway extension project. The parcel of land is located within the Guaónico Ward of the Utua-do Municipality in Puerto Rico and covers an area of approximately 45,514 square meters (m<sup>2</sup>) (11.58 “cuerdas”). The parcel of land was improved with a one-story residential property and a one-story mechanical shop. At the time of the Phase I, the property was vacant, in deteriorated conditions, and covered with thick vegetation.

A Site Vicinity Map is provided as *Figure 1*. A Site Aerial Photograph, showing the Site’s features, general settings, and surroundings is provided as *Figure 2*. The project site boundaries included in *Figure 2* are approximate based upon the information provided to CES. The approximate coordinates of the center portion of Subject Site are: 18°13'53.76"N; 66°43'19.54"W.

Initially, the Phase I investigation identified, the following findings that may represent Recognized Environmental Condition (REC) associated with the Subject Property:

- **Historic Vehicle Mechanical activities, Areas of Stained Floor, Suspect PVC Pipe, and Septic Tank System**

The available historical data indicate that the subject site was used for heavy mechanical activities for a very long time. Based upon our professional experience, it is common that these types of facilities generate used oil and other petroleum products wastes and also could generated hazardous wastes as a result of their operations. In addition, during our site reconnaissance, suspect stained areas and a suspect PVC pipe discharging into the ground were observed at the ground surface.

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It is uncertain how the management of these wastes was conducted at the Subject Site, including if these were discharged into the septic tank or into the ground surface. In addition, based upon our experience it is typical that these facilities do not implement adequate housekeeping procedures and poor management of petroleum products and potential hazardous substances such as solvents is typically inadequate. Therefore, the historical use of the site for heavy mechanical activities, was identified as a REC, which required further site investigation.

The PRHTA requested to conduct a limited Phase II detection level assessment to address the identified potential RECs. The assessment was limited to the sampling of the soils underlying the areas of concerns and sampling of the septic tank contents. The purpose of this limited Phase II was to assess the presence of Chemical Constituents of Concern (CCOC) at the areas of concern.

This report documents the limited Phase II detection level activities conducted which included:

- Assessment of the existing subsoil conditions at the areas of concern to determine the potential presence of soils impacted with petroleum products and/or hazardous substances.
- Assessment of the septic tank system subsoils to determine the potential presence of soils impacted with petroleum products and/or hazardous substances
- Provide PRHTA with recommendations for additional investigation or remedial actions, if necessary.

### **1.2 Site History**

The historical records available to CES indicate that the Subject Site was initially developed before 1958. Based upon the information obtained during the Phase I report preparation, the Subject Property was used for as heavy vehicle mechanical work shop and residential purposes for many years.

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### **1.3 Purpose and Objective**

The purpose of this report is to document the field, sampling, and assessment activities conducted during the Limited Phase II investigation. In addition, this report documents the laboratory results obtained as part of the implementation of the Limited Phase II assessment and the quality assurance/quality control (QA/QC) measures implemented.

Prior to implementing the field and sampling activities, a WSP describing the procedures that CES would follow during the execution of the Limited Phase II assessment activities was prepared by CES. The WSP provided a QA/QC mechanism for the execution of the proposed assessment activities. Sampling procedures were conducted in accordance with applicable CES Standard Operating Procedures. A copy of the WSP is included as *Appendix A*. This limited Phase II assessment was prepared in conformance with the scope and limitations of the ASTM E1903-19 standard (Standard Practice for Environmental Site Assessments: Limited Phase II Environmental Site Assessment Process).

The objectives of this investigation included:

- Collection of samples for laboratory analyses to determine the underlying soils CCOC concentrations.
- Collection of samples for laboratory analyses to determine the septic tank subsoils CCOC concentrations.

Following is a summary of the Limited Phase II assessment activities conducted to address the above-mentioned objectives:

- Drilling of 6 soil borings at the most apparent visually impacted stained areas and where it was more likely to have been impacted by the former site's operations.

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- Drilling of 1 background soil at an area which will appear unlikely to have been impacted by the mechanical shop activities.
- Collection of 7 soil samples (1 sample from each soil boring) for laboratory analysis.
- Collection of 1 soil sample from septic tank bottom. No liquid or sludge was encountered during the sampling activities.
- The soil borings were drilled to a depth of approximately 4 ft below ground surface (bgs).
- Collection of QA/QC samples.
- Report Preparation documenting field activities conducted and results obtained.

### **1.4 Chemical Constituents of Concern (CCOC)**

As established in the WSP, the following parameters were considered as the chemical constituents of concern (CCOC) for this investigation:

- Total Petroleum Hydrocarbons (TPH) Gasoline Range Organics (GRO)
- Total Petroleum Hydrocarbons (TPH) Diesel Range Organics (DRO)
- Total Petroleum Hydrocarbons (TPH) Oil Range Organics (ORO)
- Target Compound List (TCL) Volatiles Organic Compounds (VOCs)
- TCL Semi- Volatiles Organic Compounds (SVOCs)
- Priority Pollutants Metals

### **1.5 Areas of Concerns (AOC)**

The investigation activities were designed to generate adequate data to assess whether the soils underlying the Subject Site may have been impacted with CCOC. The investigation sampling locations were based upon the observed stained area and site conditions. The areas of concern (AOC) investigated during the Limited Phase II assessment, associated with the historical use of the site, and the rationale for selecting each AOC are presented below:

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<b>Area of Concern</b>	<b>Rationale</b>
Stained Areas	Determine the potential presence of CCOC at the soils underlying the former mechanical shop stained areas.
Suspect PVC Pipe	Determine the potential presence of CCOC at the soils underlying the PVC pipe discharge point.
Deteriorated Concrete	Determine the potential presence of CCOC at the soils underlying an area of deteriorated concrete identified during the site reconnaissance.
Septic Tank	Determine the potential presence of CCOC at the septic tank subsoils. Site observations suggest that this septic tank served both the residential house and the shop facility. According to the DNER UIC Regulations septic tanks located in commercial facilities are regulated as UIC units.

**1.6 Limitations & Deviations**

We note that Subject Site conditions and regulatory requirements may change in the future. Therefore, the information included in this report, our findings, or recommendations presented are based upon information readily available and obtained during the execution of these activities. We note that a finding of no impacts at the areas of investigation is not a warranty or guarantee that the property remains free from contamination. No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the Property. Performance of this assessment is intended to reduce, but not to eliminate uncertainty regarding the potential for recognized environmental conditions or the extent of such condition, in connection with the Property.

Furthermore, any sample, either surface or subsurface, taken for chemical analysis may or may not be representative of a larger population. Professional judgment and interpretation are inherent in the process and uncertainty is inevitable. Even when Phase II work is executed with an appropriate site-specific standard of care, certain conditions present especially difficult detection problems.

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Such conditions may include, but not limited to, complex geological settings, the fate and transport characteristics of certain hazardous substances and petroleum products, the distribution of existing contamination, physical limitations imposed by the location of utilities and other man-made objects and the limitations of assessment technologies. Measurements and sampling data only represent the site conditions at the time of data collection. Therefore, the usability of data collected as part of a Limited Phase II ESA may have a finite lifetime depending on the application and use being made of the data.

We note that the property limits shown in this report are based upon the information provided by the PRHTA and the information and measurements obtained during the Limited Phase II activities. Therefore, any property boundary, feature location, or measurements included in this report are approximate, for illustrations purposes only, and other than for the ease of use of this report, these shall not be used. Any property boundary, feature location, or measurement included in this report must not be assumed to be or interpreted as a certified building covering area, a survey foot-print area, or a certified property limit.

This assessment has been undertaken and performed in a professional manner, in accordance with generally accepted practices, using the degree of skill and care ordinarily exercised by reputable environmental consultants under similar circumstances. No other warranty, expressed or implied is made.

We understand that this investigation was conducted by the Puerto Rico Highway and Transportation Authority (PRHTA) as a voluntary action. We also understand that the proposed investigation is not intended to be consulted nor submitted to the Department of Natural and Environmental Resources of Puerto Rico (DNER) and/or the United States Environmental Protection Agency (EPA).

*Limited Phase II Detection Level  
Environmental Site Assessment Report  
Former Mechanical Shop  
PR-10 (Utado-Adjuntas)  
Project - AC-100069  
Guaónico Ward  
Utado, Puerto Rico  
CES Project No. 20-0008*

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Other than collecting a soil sample from the bottom of the septic tank, since no sludge or liquids were found, no deviations from the WSP occurred during the execution of the Limited Phase II activities. This deviation does not affect the objectives nor the results of the Phase II.

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### 2.0 SUMMARY OF FIELD SAMPLING & INVESTIGATION ACTIVITIES

Field activities were conducted by CES personnel on July 6 and July 15, 2020, under the direction of engineer Raúl Colón, CES Principal. CES personnel included Engineers Raul Colon Vicenty and Luis Raúl Colón Morales, and environmental technician Jose Rivera. In addition, support personnel included Mr. Orlando García digger operator. Sampling activities were conducted by CES personnel following applicable CES Standard Operation Procedures (SOPs). Procedures and protocols applicable to the sampling activities included:

- Decontamination procedures of non-disposable sampling equipment were conducted following CES SOP 1000 and as described in *Section 2.2.1* of the WSP.
- Samples packaging and shipping was conducted following CES SOP 1100 and as described in *Section 3.1.5* of the WSP.
- Field activities were documented in a field notebook following CES SOP 1200.
- Samples identification and Chain of Custody procedures were conducted in accordance with CES SOP 1300 and as described in *Section 3.1.5* of the WSP.
- Soil sampling was conducted following the procedures of CES SOP 2000 and as described in *Section 2.0* of the WSP.
- Samples preservation was conducted following CES SOP 3000 and as described in *Section 3.1.5* of the WSP.

The field drilling, soil samples collection and vapor/visual soil screening were conducted following the procedures described in *Section 2.2* of the WSP. The proposed assessment activities were designed to determine the following:

- Detection of potential impacts with petroleum hydrocarbons and/or hazardous substances at the soils underlying the area of concern.
- Detection of potential impacts with petroleum hydrocarbons and/or hazardous substances at the soils underlying the septic tank.



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The subsoil investigation locations were placed at the most apparent visually impacted stained areas and/or where deteriorated floor surfaces, cracks or crevices were observed that could have permitted contaminant migration into the subsoils.

### 2.1 Soil Drilling and Soil Sampling Activities

On July 6 and July 15, 2020 CES conducted the soil drilling and sampling activities at the areas of concern. The following seven soil borings were drilled at the Subject Site: SB-1, SB-2, SB-3, SB-4, SB-5, SB-6, and SB-7 (BKG). All of the soil borings were drilled to depths of approximately 4 feet-bgs, except SB-6 which was limited to approximately 3 feet bgs due refusal caused by a rock outcrop located at this area. All of these soil borings were drilled at areas where no underground utilities were expected. Drilling was conducted using a combination of hand auger and a shipping hammer connected to a direct push drilling equipment.

The approximate locations of the soil borings drilled are presented in *Figure 3*. One soil sample per boring was collected and sent for laboratory analysis. Soil samples were identified as:

- S-1 collected from 0.2 to 1.5 ft bgs.
- S-2 collected from 0.2 to 1.5 ft bgs.
- S-3 collected from 0.2 to 1.5 ft bgs.
- S-4 collected from 0.8 to 2 ft bgs.
- S-5 collected from 1.5 to 2.7 ft bgs.
- S-6 collected from 0 to 1 ft bgs.
- S-7 (BKG) collected from 0.3 to 2.3 ft bgs.

The collected soil samples were screened in the field using a Photo-Ionization Detector (PID) at approximately one-foot intervals and visually inspected. Prior to conducting the sampling activities, the PID was calibrated using standard calibration gases of 0.0 and 100 ppm concentrations.

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The soil samples lithological description, PID readings, samples depth and samples selected for laboratory analyses are presented in the soil borings logs included in *Appendix B*. As shown in this appendix, all of the PID readings for the soil samples collected at these soil borings showed either non-detect concentrations or very low values and did not show visual signs of suspect discoloration or suspect hydrocarbon odors were perceived, except shallow soils at SB-6 which visually appear to be slightly impacted.

All of the collected samples were properly identified, labeled and placed in an ice chest, with ice, for preservation. After soil sampling activities were completed the soil borings were grouted using a cement grout mix. *Photographs 1 to 12*, included in *Appendix C*, show representative views of the drilling and sampling activities conducted.

### 2.2 Septic Tank Sampling Activities

On July 6 and July 15, 2020 CES inspected the septic tank and did not find any sludge or liquids inside. CES proceeded to collect a soil sample from the septic tank bottom located at approximately 8.5 feet bgs. This soil sample was collected using a hand auger.

The approximate locations of the soil sample collected at the septic tank is presented in *Figure 3*. One soil sample was collected and sent for laboratory analysis. The soil sample was identified as:

- UIC collected at the septic tank bottom at a depth of 8.5 feet bgs

### 2.3 Quality Assurance/Quality Control (QA/QC) Sampling

The field QA/QC program for this project consisted of obtaining trip blanks, field blanks, equipment blanks and samples duplicates.

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During the field sampling activities, one soil duplicate sample was collected to verify sampling and analytical reproducibility. During this project the following soil duplicate sample was collected:

- Dup-1 from S-1

During the execution of this project, the macro core shoe cutter, steel spoon, and hand auger were the only reusable equipment used. Decontamination of these equipment were conducted on a daily basis and as needed prior to begin with the soil boring drilling activities following CES SOP 1000. This process was used to confirm that the decontamination process was effective for decontamination of the reusable equipment. During this project *1* equipment blank was collected from the reusable equipment. This blank was identified as:

- EB-1

The trip blanks (prepared by the laboratory) were used to evaluate the potential for cross contamination of the samples during shipment to the laboratory. The trip blanks were analyzed for the volatile organic fraction and TPH-GRO of the media being sampled. For this project, *2* trip blanks (one per each cooler) were collected and identified as:

- TB-1
- TB-2

Field blanks will be collected by obtaining laboratory containers with type II reagent grade water, deionized, or distilled water as provided by the laboratory. These containers were opened in the field and left open during sampling activities. Upon completion of sampling activities, the sample jars were capped, and placed in the cooler for preservation, and subsequent laboratory analyzes. The field sample were analyzed for the volatile organic fraction and TPH-GRO of the media being sampled. For this project, *2* field blanks were collected and identified as:

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- FB-1 collected at the former mechanical shop area
- FB-2 collected at the UIC area

### **2.4 Laboratory Analyses**

The samples collected during this investigation were delivered to the Pace Analytical Laboratory (PACE) in Guaynabo, under a chain-of-custody protocol. Copies of all duly completed chain of custodies are included in *Appendix D*.

The soil and aqueous samples collected during this investigation were analyzed for the following parameters:

- TPH-DRO following EPA Method 8015
- TPH-ORO following EPA Method 8015
- TPH-GRO following EPA Method 8015
- TCL VOCs following EPA Method 8260
- TCL SVOCs following EPA Method 8270
- Priority Pollutant Metals EPA Method 6010/7470

The background soil sample collected during this investigation was analyzed for the following parameters:

- Priority Pollutant Metals EPA Method 6010/7470

### **2.5 Health and Safety Procedures**

During the site investigation and sampling activities, health and safety procedures were implemented following the CES Health and Safety Plan included as part of the WSP. Health and Safety procedures that were considered by CES for this project included items such as:

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- Personal protective equipment;
- Potential chemical and physical hazards;
- Emergency procedures;
- Work procedures;
- Site and personnel monitoring.

Health and Safety Procedures for this project were prepared as a guideline for conducting the assessment activities. All personnel who entered the area, including workers, inspectors, and approved visitors were briefed on the contents and adhere to all the minimum requirements of this plan. A mandatory health and safety meeting, was held at the beginning of each work day.

Engineer Luis Raúl Colón Morales, as the Field Safety Coordinator, performed site inspection at the beginning of the project and confirmed on a daily basis that conditions as described in the Health and Safety Plan were accurate. The primary purpose of this reconnaissance was to finalize all planning and logistics for site work. In addition, during all the drilling and excavation, the air within the working areas was regularly monitored with a PID instrument. No PID readings were detected during the monitoring of the ambient air.

During the Limited Phase II activities, no emergency procedures or accidents/injuries occurred.

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### **3.0 SITE TOPOGRPAHY, GEOLOGY AND HYDROGEOLOGY**

#### **3.1 Topography**

According to the *Topographic Map of the Adjuntas Quadrangle*, the elevation at the Subject Site ranges from approximately 1,025 meters above mean sea level (MSL) at the southeastern portion to about to 780 m MSL at the northwestern portion of the property. The closest surface water body to the Subject Site is the Rio Grande de Arecibo located approximately 50 meters to the north of the Subject Site.

#### **3.2 Regional Geology and Hydrogeology**

According to the Geologic Map of the Adjuntas Quadrangle, the Site shallow geology consists of Plutonic Rocks (TKg) grayish-white medium-grained quartz diorite and granodiorite, containing 1 to 3 mm laths of plagioclase that form generally intergranular texture with interstitial anhedral hornblende, biote, quartz, and potassium feldspar.

According to the Soil Survey of the Arecibo Area, Puerto Rico Northern Part, the Site soils are described as Pellejas clay loam, 40 to 60 percent slopes (PeF). This component is on ridges on mountain ranges, mountain slopes. The parent material consists of coarse textured residuum. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. Non-irrigated land capability classification is 7e. This soil does not meet hydric criteria.

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According to the Atlas of Ground-Water Resources in Puerto Rico and the US Virgin Islands, regional groundwater flow is generally from the interior of the island to the sea in the Arecibo-Manati region. Flow in the water-table aquifer is influenced by coastal wetlands, drainage canals, and the two major rivers that are deeply incised into the limestone. Ground water moves from the limestone units northward into the coastal plain alluvium, discharging from the alluvium into the rivers. Ground water also discharges as springs issuing from the limestone walls of the valleys or from the contact between limestone and alluvium on the valley floors. In the lower reach of the Rio Grande de Arecibo, the river losses water to the alluvial aquifer, and that water may discharge at springs in the Cano Tiburones.

According to "Principal aquifers of Puerto Rico and the U.S. Virgin Islands" by Robert A. Renken, January 11, 1998, U.S. Geological Survey, the Subject Site is not located overlying a productive aquifer system.

The depth and gradient of the water table likely varies seasonally with changes in precipitation and may change significantly over time in response to development, including impervious surfaces, storm water controls, and pumping wells (domestic, industrial or irrigation). Based upon our experience during other groundwater investigations conducted at similar areas in Puerto Rico, it is not uncommon to encountered perched or local groundwater conditions in which the groundwater flow direction may be different from the expect and regional groundwater flow direction. Based up the site topographic conditions the groundwater level at the site is expected to be deeper than 100 ft-bgs.

### **3.3 Site Geology and Hydrogeology**

Soil lithological description at each soil boring drilled during this investigation is included in *Appendix B*. Based upon the data presented in the soil boring logs the shallow geologic material

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encountered underlying the Subject Site consistently showed a layer of light brown silty sand material. Based upon the data presented in the soil boring logs included in **Appendix B** the geologic material encountered at the Subject Site is, in general, consistent with the regional system described by the USGS.

The groundwater table was not encountered during this assessment up to a depth of 8 ft-bgs. As previously mentioned, it is expected that the groundwater level at the site is expected to be deeper than 100 ft-bgs.



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### 4.0 SOIL SAMPLES LABORATORY ANALYSES RESULTS

#### 4.1 Soil Samples Analysis

A summary of the soil samples laboratory analytical results for TCL-VOCs, TCL-SVOCs, and Priority Pollutant Metals obtained during this investigation are included in *Table 1*. A summary of the soil samples laboratory analytical results for TPH-GRO/DRO/ORO obtained during this investigation is included in *Table 2*. The laboratory reports, certified by a PR Registered Chemist, are included in *Appendix E*.

The results presented in *Table 1* indicate the following:

#### TCL-VOCs

- Other than traces of Acetone detected in sample S-5, S-6, and Dup-1, *no* VOCs constituents were detected in any of the soil samples collected.

#### TCL-SVOCs

- Other than traces of bis(2-Ethylhexyl)phthalate detected in sample UIC, *no* SVOCs constituents were detected in any of the soil samples collected.

#### Priority Pollutants Metals

- All Priority Pollutants Metals constituents were detected in at least one of the soil samples collected, except for Antimony and Selenium which were *not* detect at any of the samples collected.
- Arsenic was detected only in soil samples S-4, S-5, S-6 and UIC with concentrations varying from 1.5 mg/kg to 3.1 mg/kg.
- Beryllium was detected only in soil sample S-4 with a concentration of 0.44 mg/kg
- Cadmium was detected only in soil samples S-4, S-5, and S-6 with concentrations varying from 0.36 mg/kg to 2.9 mg/kg.
- Chromium was detected only in soil samples S-2, S-4, S-5, S-6, and UIC with concentrations varying from 0.92 mg/kg to 6.2 mg/kg.

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- Cooper was detected in all soil samples collected with concentrations varying from 25.4 mg/kg to 288 mg/kg.
- Lead was detected in all soil samples collected with concentrations varying from 1.0 mg/kg to 16.3 mg/kg.
- Nickel was detected only in soil samples S-6 and UIC with concentrations varying from 2.6 mg/kg to 4.3 mg/kg.
- Silver was detected only in soil sample S-4 with a concentration of 0.98 mg/kg
- Thallium was detected only in soil samples S-4, S-5, and S-7 (BKG) with concentrations varying from 0.32 mg/kg to 1.2 mg/kg.
- Zinc was detected in all soil samples collected with concentrations varying from 32.4 mg/kg to 639 mg/kg.
- Mercury was detected only in soil samples S-3, S-4, S-5, S-6, S-7 (BKG), and UIC with concentrations varying from 0.075 mg/kg to 0.28 mg/kg.

The results presented in **Table 2** indicate the following:

### **TPH-DRO**

- UIC sample show a concentration of 16.0 mg/kg.
- *No* other samples collected show concentrations of TPH-DRO constituents.

### **TPH-ORO**

- *No* TPH-ORO constituents were detected in any of the soil samples collected.

### **TPH-GRO**

- *No* TPH-GRO constituents were detected in any of the soil samples collected.

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### 4.2 Quality Assurance/Quality Control (QA/QC) Samples

The field QA/QC program for this project consisted in obtaining 1 equipment decontamination blanks, 2 trip blanks, 2 field blanks, and 1 soil sample duplicate. The duplicates and equipment decontamination blanks were collected and analyzed for the same parameters as the sample being analyzed. The field and trip blanks were analyzed only for the TCL-VOCs parameters and TPH-GRO.

Summaries of the results for the QA/QC (trip blanks, field blanks, and equipment blanks) samples collected for the project are included in *Table 3*. The laboratory report is presented in *Appendix E*. As shown in *Table 3* all the chemical constituents for which the QA/QC samples were analyzed, were reported as non-detected or below the detection limit by the laboratory, except for trace concentrations of Acetone, Ethylbenzene, Toluene, m&p-Xylene, and TPH-GRO. However, none of these constituents were detected in the soil samples collected, except for acetone.

Acetone was detected in trace concentrations in all QA/QC. We also note that Acetone was detected in very low concentrations in soil samples S-5, S-6, and Dup-1. Based upon our experience, it is *likely* that these trace concentrations of Acetone may be associated with the laboratory process since Acetone is a known common laboratory artifact.

The QA/QC blanks show one or more of the following constituents: Ethylbenzene, Toluene, m&p-Xylene, and TPH-GRO, which suggest that these chemicals may be associated to ambient conditions during the sampling process. During the drilling process gasoline power generators were used to power shipping hammers. It appears that the detected concentrations of these constituents, may be associated to ambient air conditions during the sampling process and not related to site conditions.

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A summary of the results for the QA/QC duplicate sample collected for the project are included in **Table 1**. As shown in this table, the duplicate soil sample results are similar and within the same order of magnitude as those of the original samples. The duplicate sample laboratory report is presented in **Appendix E**.

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### **5.0 EVALUATION OF LABORATORY ANALYTICAL RESULTS**

To assess the significance of the soil quality data collected at the Subject Site, the laboratory results were compared to following published guidance documents, as applicable:

- United States Environmental Protection Agency (EPA) Mid-Atlantic Risk Assessment Regional Screening Table (TR=1x10<sup>-6</sup>, HQ = 0.1) May 2020. This is the most recent version available in the EPA database at the time of the Limited Phase II report preparation.

The EPA Regional Screening Levels guidance is intended to provide a simple approach to standardize and expedite the evaluation of contaminated CERCLA sites. It supports the identification of those portions of a site containing areas that are contaminated at levels that warrant a full evaluation of potential risk to support selection of a remedial option, as well as those portions containing areas that do not present risks warranting further analysis (i.e., those that can be "screened out"). The Regional Screening table does not typically represent clean-up levels.

According to EPA (<https://www.epa.gov/risk/regional-screening-levels-frequent-questions#FQ49>), hydrocarbon-impacted soils at sites contaminated by releases of petroleum fuels have been managed based on their TPH content. TPH is a term intended to refer to the total mass of hydrocarbons present without identifying individual compounds. In practice, TPH is defined by the analytical method that is used to measure the hydrocarbon content in contaminated media. The method used by the laboratory to analyze TPH during this project was EPA 8015B, which is the accepted EPA and the Department of Natural and Environmental Resources of Puerto Rico (DNER) for this analysis.

In 2009, the Superfund Health Risk Technical Support Center (NCEA-Cincinnati) published a document that provides the data, methods, assumptions for deriving Provisional Peer-Reviewed Toxicity Values (PPRTVs) for each of six fractions of petroleum hydrocarbons. The carbon ranges and representative compounds are listed in the table below. The six TPH fractions were assigned

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representative compounds for determination of toxicity values and chemical-specific parameters to calculate RSLs.

Based upon our experience in other projects with the DNER, the agency is using the comparison ranges provided in the EPA RSL tables listed below, in lieu of the DNER Land Pollution Program (LPP) criteria of 100 mg/Kg for total TPH previously used, to requiring corrective action:

<b>Fractions</b>	<b>Number of Carbons</b>	<b>Analyte</b>
Low aliphatic	C5-C8	TPH-GRO
Low aromatic	C6-C8	
Medium aromatic	C9-C16	TPH-DRO
Medium aliphatic	C9-C18	
High aromatic	C17-C32	TPH-DRO/ORO
High aliphatic	C19-C32	TPH-ORO

Since, the CCOC for this investigation activities included TPH-GRO/DRO/ORO, laboratory results were compared to Low Aliphatic, Low Aromatic, Medium Aromatic, Medium Aliphatic, High Aromatic, and High Aliphatic fractions, respectively, as shown in the above table.

The benchmarks (comparison criteria) included in this section of the report are presented for comparative purposes and to document the potential condition of the Subject Site’s subsoils at the time that the site assessment was conducted. The analysis included herein is not presented to suggest that remediation of soils is necessary if detected constituents exceed the benchmarks. Instead, further site assessment or risk evaluations may be a possible course of action.

It is our understanding that the Subject Property was acquired by the PRHTA as part of an expropriation process prior to constructing the highway extension. Since the Subject Property is presently located at a mostly undeveloped area surrounded by undeveloped lands, *as a*

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*conservative approach*, the comparison criteria were assumed for residential use. The benchmarks used for comparison of the soil samples are included in *Tables 1* and *2*.

### 5.1 Evaluation of Soil Sample Analytical Results

The laboratory results included in *Tables 1* and *2* indicate that none of the analyzed constituents exceed any of the comparison criteria, except for Arsenic, Thallium, and TPH-DRO.

- The detected Arsenic concentrations in soil samples S4, S-5, S-6, and UIC, exceeded the EPA RSL Residential comparison criteria of 0.68 mg/kg.

To further assess arsenic concentrations in soil on the Island, we evaluated the report entitled “Arsenic in the Native Soils of Puerto Rico”, prepared by BBL Inc. in September 2004 (BBL Report). The objective of the BBL report was to compile naturally occurring (i.e. natural background) soil arsenic concentrations in the vicinity of various National Priority List (NPL) sites in Puerto Rico. The study included evaluation of available soils arsenic concentrations data for 12 CERCLA sites and adjacent soils covering several areas of the Island.

The BBL report indicates that as reported for many sites, Arsenic is naturally present in soils in Puerto Rico at concentrations up to and in some cases exceeding 22 mg/Kg. Therefore, the report indicates that it is reasonable to conclude that arsenic is present in the native soils in Puerto Rico and can occur naturally in soils at concentrations higher than 22 mg/Kg.

In addition, soil background metals data for soils in the United States (US) and sediments in Puerto Rico were included by the Agency for Toxic Substances and Disease Registry (ATSDR) in a report prepared as part of a Soil Path Evaluation Study prepared for the Isla de Vieques Bombing Range (ATSDR Report, February 2003). According to the ATSDR report the US arsenic background concentrations range from 0.1 to 97.0 mg/Kg. Sediments in Puerto Rico show arsenic concentrations ranging from 1 to 22.0 mg/Kg.

In addition, according to the EPA’s Arsenic Occurrence in Public Drinking Water Supplies, EPA-815-R-00-023 December 2000, Arsenic occurs in the environment in rocks, soil, water, air, and in biota. This report indicates that Arsenic Concentrations in Environmental Media including Igneous, Metamorphic, and Sedimentary Rocks vary from 0.3 to 113 mg/kg, 0.0 to 143 mg/kg, and from 0.1 to 490 mg/kg, respectively.

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Based upon the data included in the BBL, ATSDR, and EPA-815-R-00-023 reports, the detected arsenic background obtained at the Subject Site, are within the expected arsenic background concentrations of soils in PR and naturally occurring soils.

- The detected Thallium concentrations in soil samples S4, S-5, exceeded the EPA RSL Residential comparison criteria of 0.078 mg/kg. According to the Toxicological Review of Thallium and Compound (EPA/635/R-08/001F, [https://cfpub.epa.gov/ncea/iris/iris\\_documents/documents/toxreviews/1012tr.pdf](https://cfpub.epa.gov/ncea/iris/iris_documents/documents/toxreviews/1012tr.pdf)), Thallium occurs naturally in the earth's crust, with a crustal abundance of approximately 1 mg/kg. In soil, thallium concentrations are on the order of 0.1 to 1 mg/kg; higher concentrations occur in the vicinity of metallic ore deposits. Measurable concentrations of thallium are also found in marine water, freshwater, and air. Thallium is taken up by vegetation, with the extent of uptake determined by soil acidity and plant species (Kazantzis, 2007).

When compared with the background concentrations obtained during this assessment at S-7 (BKG), the concentrations obtained are observed to be similar in magnitude and appear to be associated to natural background conditions.

- The detected TPH-DRO concentrations in soil sample UIC, exceeded the EPA RSL Residential comparison criteria of 9.7 mg/kg (\*Aromatic Medium) and 9.6 mg/kg (Aliphatic Medium).

TPH-DRO concentrations exceeding the comparison criteria were detected in the soil sample collected at the septic tank bottom. The detected TPH concentration at this location appears to have a very limited extent. The other samples collected did not showed TPH-DRO concentrations.

### 5.2 Evaluation of Potential Groundwater Impacts and Vapor Migration

The available data suggest that elevated concentrations of Arsenic and Thallium at the site are likely associated to natural concentrations of these metals in soil media. In addition, it is expected that the groundwater underlying the site may be located deeper than 100 feet-bgs. Therefore, it would be *unlikely* that TPH-DRO may have impacted the groundwater underlying the Subject Site. The data collected during this investigation suggest that no groundwater impacts are expected to be associated to the CCOC related to the areas of concern assessed during this investigation.



*Limited Phase II Detection Level  
Environmental Site Assessment Report  
Former Mechanical Shop  
PR-10 (Utado-Adjuntas)  
Project - AC-100069  
Guaónico Ward  
Utado, Puerto Rico  
CES Project No. 20-0008*

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Other than Acetone, detected only in trace concentrations apparently associated to laboratory artifacts, no VOCs were detected in any of the soil samples analyzed. Therefore, we understand the vapor migration should not be a concern for the Subject Site.

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### **6.0 CONCLUSIONS AND RECOMENDATIONS**

#### **6.1 Conclusions**

Caribe Environmental Services was retained by BHA to conduct Limited Phase II Assessment Activities for a parcel of land acquired by the Puerto Rico Highway and Transportation Authority (PRHTA) as part of the proposed PR-10 Utua-do-Adjuntas highway extension project. The parcel of land is located within the Guaónico Ward of the Utua-do Municipality in Puerto Rico and covers an area of approximately 45,514 square meters (m<sup>2</sup>) (11.58 “cuerdas”). The parcel of land was improved with a one-story residential property and a one-story mechanical shop. At the time of the Phase I, the property was vacant, in deteriorated conditions, and covered with thick vegetation.

The PRHTA requested to conduct a limited Phase II detection level assessment to address the potential RECs identified in the Phase I. The Limited Phase II field activities were conducted on July 6 and July 15, 2020.

This report documents the limited Phase II detection level activities conducted which included:

- Assessment of the existing subsoil conditions at the areas of concern to determine the potential presence of soils impacted with petroleum products and/or hazardous substances.
- Assessment of the septic tank system subsoils to determine the potential presence of soils impacted with petroleum products and/or hazardous substances

Based upon the findings obtained during this assessment, following are our conclusions:

#### **Geology/Hydrogeology**

- The shallow geologic material encountered underlying the Subject Site consistently showed a layer of light brown silty sand material. The geologic material encountered at the Subject Site is, in general, consistent with the regional system described by the USGS.

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- The groundwater table was not encountered during this assessment up to a depth of 8 ft-bgs. It is expected that the groundwater level at the site is expected to be deeper than 100 ft-bgs.

### Soil Analytical Results

- Other than traces of Acetone detected in sample S-5, S-6, and Dup-1, **no** VOCs constituents were detected in any of the soil samples collected. The detected concentrations did **not** exceed the comparison criteria.
- Other than traces of bis(2-Ethylhexyl)phthalate detected in sample UIC, **no** SVOCs constituents were detected in any of the soil samples collected. The detected concentrations did **not** exceed the comparison criteria.
- All Priority Pollutants Metals constituents were detected in at least one of the soil samples collected, except for Antimony and Selenium which were not detected at any of the samples collected. The detected concentrations did **not** exceed the comparison criteria, except for Arsenic in soil samples S4, S-5, S-6, and UIC, which exceeded the EPA RSL Residential comparison criteria of 0.68 mg/kg and Thallium in soil samples S4, S-5, which exceeded the EPA RSL Residential comparison criteria of 0.078 mg/kg.
- To further assess arsenic concentrations in soil on the Island, we evaluated the report entitled “Arsenic in the Native Soils of Puerto Rico”, prepared by BBL Inc. in September 2004 (BBL Report). The objective of the BBL report was to compile naturally occurring (i.e. natural background) soil arsenic concentrations in the vicinity of various National Priority List (NPL) sites in Puerto Rico. The study included evaluation of available soils arsenic concentrations data for 12 CERCLA sites and adjacent soils covering several areas of the Island.

The BBL report indicates that as reported for many sites, Arsenic is naturally present in soils in Puerto Rico at concentrations up to and in some cases exceeding 22 mg/Kg. Therefore, the report indicates that it is reasonable to conclude that arsenic is present in the native soils in Puerto Rico and can occur naturally in soils at concentrations higher than 22 mg/Kg.

In addition, soil background metals data for soils in the United States (US) and sediments in Puerto Rico were included by the Agency for Toxic Substances and Disease Registry (ATSDR) in a report prepared as part of a Soil Path Evaluation Study prepared for the Isla de Vieques Bombing Range (ATSDR Report, February 2003). According to the ATSDR

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report the US arsenic background concentrations range from 0.1 to 97.0 mg/Kg. Sediments in Puerto Rico show arsenic concentrations ranging from 1 to 22.0 mg/Kg.

In addition, according to the EPA's Arsenic Occurrence in Public Drinking Water Supplies, EPA-815-R-00-023 December 2000, Arsenic occurs in the environment in rocks, soil, water, air, and in biota. This report indicates that Arsenic Concentrations in Environmental Media including Igneous, Metamorphic, and Sedimentary Rocks vary from 0.3 to 113 mg/kg, 0.0 to 143 mg/kg, and from 0.1 to 490 mg/kg, respectively.

Based upon the data included in the BBL, ATSDR, and EPA-815-R-00-023 reports, the detected arsenic background obtained at the Subject Site, are within the expected arsenic background concentrations of soils in PR and naturally occurring soils.

Therefore, the detected Arsenic concentrations *should not* represent a concern for the Subject Site.

- According to the Toxicological Review of Thallium and Compound (EPA/635/R-08/001F, [https://cfpub.epa.gov/ncea/iris/iris\\_documents/documents/toxreviews/1012tr.pdf](https://cfpub.epa.gov/ncea/iris/iris_documents/documents/toxreviews/1012tr.pdf)), Thallium occurs naturally in the earth's crust, with a crustal abundance of approximately 1 mg/kg. In soil, thallium concentrations are on the order of 0.1 to 1 mg/kg; higher concentrations occur in the vicinity of metallic ore deposits. Measurable concentrations of thallium are also found in marine water, freshwater, and air. Thallium is taken up by vegetation, with the extent of uptake determined by soil acidity and plant species (Kazantzis, 2007).

When compared with the background concentrations obtained during this assessment at S-7 (BKG), the concentrations obtained are observed to be similar in magnitude and appear to be associated to natural background conditions.

Therefore, the detected Thallium concentrations *should not* represent a concern for the Subject Site.

- *No* TPH-ORO constituents were detected in any of the soil samples collected.
- *No* TPH-GRO constituents were detected in any of the soil samples collected.
- No soil samples collected show concentrations of TPH-DRO constituents, except for the soil sample collected at UIC, which show a concentration of 16.0 mg/kg.

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The detected TPH-DRO concentrations in soil sample UIC, exceeded the EPA RSL Residential comparison criteria of 9.7 mg/kg (Aromatic Medium) and 9.6 mg/kg (Aliphatic Medium). This sample was collected at the septic tank bottom. The detected TPH concentration at this location appears to have a very limited extent. The other samples collected did not show TPH-DRO concentrations.

The potential soils impacted with TPH-DRO underlying the septic tanks bottom should be further assessed, as part of the septic tank closure process.

### Evaluation of Potential Groundwater Impacts and Vapor Migration

- The available data suggest that elevated concentrations of Arsenic and Thallium at the site are likely associated to natural concentrations of these metals in the soil media. In addition, it is expected that the groundwater underlying the site may be located deeper than 100 feet-bgs. Therefore, it would be *unlikely* that TPH-DRO may have impacted the groundwater underlying the Subject Site. The data collected during this investigation suggest that ***no groundwater impacts are expected*** to be associated to the CCOC related to the areas of concern assessed during this investigation.
- Other than Acetone, detected only in trace concentrations apparently associated to laboratory artifacts, no VOCs were detected. Therefore, we understand the vapor migration ***should not be a concern*** for the Subject Site.

### QA/QC Samples Results

- **Field, Equipment Rinsate, and the Trip blanks:** The field QA/QC program for this project consisted in obtaining 1 equipment decontamination blanks, 2 trip blanks, 2 field blanks, and 1 soil sample duplicate. The duplicates and equipment decontamination blanks were collected and analyzed for the same parameters as the sample being analyzed. The field and trip blanks were analyzed only for the TCL-VOCs parameters and TPH-GRO.

All the chemical constituents for which the QA/QC samples were analyzed, were reported as non-detected or below the detection limit by the laboratory, except for trace concentrations of Acetone, Ethylbenzene, Toluene, m&p-Xylene, and TPH-GRO. However, none of these constituents were detected in the soil samples collected, except for acetone.

Acetone was detected in trace concentrations in all QA/QC. We also note that Acetone was detected in very low concentrations in soil samples S-5, S-6, and Dup-1. Based upon our

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experience, it is *likely* that these trace concentrations of Acetone may be associated with the laboratory process since Acetone is a known common laboratory artifact.

The QA/QC blanks show one or more of the following constituents: Ethylbenzene, Toluene, m&p-Xylene, and TPH-GRO, which suggest that these chemicals may be associated to ambient conditions during the sampling process. During the drilling process gasoline power generators were used to power shipping hammers. It appears that the detected concentrations of these constituents, may be associated to ambient air conditions during the sampling process and not related to site conditions.

The analytical results for the field, equipment and the trip blanks validate the adequacy of the sampling and sample handling procedures implemented during these sampling activities.

- **Duplicate Sample:** The duplicate samples results are indicative that the sampling and analytical protocols implemented for this project are reliable. The duplicate soil samples results are similar and within the same order of magnitude as those of the original sample.

### Health and Safety Procedures

- During the sampling activities, health and safety procedures were implemented following the CES Health and Safety Plan included as part of the WSP. During the Limited Phase II activities, no emergency procedures or accidents/injuries occurred.

In summary, the potential presence of soils impacted with TCL-VOCs, TCL-SVOCs, TPH-GRO/DRO/ORO and Priority Pollutant Metals constituents either did not exceed the comparison criteria or appeared to be associated with natural metals concentrations. Therefore, these CCOC *should not* represent an environmental concern for the Subject Site.

However, what appears to be a limited impacted area with TPH-DRO was identified at the soils underlying the septic tank system. To determine if this should be considered as a “*de minimis*” condition, further assessment should be conducted as part of the septic tank closure process.

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**6.2 Recommendations**

Based upon the results of this investigation, it is our opinion that other than properly closing the existing septic tank system, no additional site investigation or remedial activities are warranted for the Subject Site.

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### **7.0 REFERENCES**

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*Google Earth Pro 7.3.2.5776 (64-bit), Build Date Tuesday, March 5, 2019 12:43:51 AM UTC*

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*August 2020 Phase I ESA conducted by CES*



*Limited Phase II Detection Level  
Environmental Site Assessment Report  
Former Mechanical Shop  
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Guaónico Ward  
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CES Project No. 20-0008*

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**TABLES**

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**TABLE 1**  
**VOCs, SVOCs, and Priority Pollutant Metals Summary of Soil Samples Laboratory Results**

CCOC	Sample Identification (Depth feet-bgs)									Comparison Criteria Residential
	S-1 (0.2-1.5)	S-2 (0.2-1.5)	S-3 (0.2-1.5)	S-4 (0.8-2)	S-5 (1.5-2.75)	S-6 (0-1)	S-7 (BKG) (0.3 – 2.3)	UIC (8.5)	Dup-1 (S-1)	EPA RSL+ (mg/kg)
<b>TCL-VOCs EPA Method 8260B (ug/Kg)</b>										
Acetone	ND	ND	ND	ND	0.0804	0.0365	NT	ND	0.0127	6,100
Other VOCs	ND	ND	ND	ND	ND	ND	NT	ND	ND	Various
<b>TCL-SVOCs EPA Method 8270C (mg/Kg)</b>										
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	NT	0.678	ND	39.0
Other SVOCs	ND	ND	ND	ND	ND	ND	NT	ND	ND	Various
<b>P.P. Metals EPA Method 6010/7470 (mg/Kg)</b>										
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1
Arsenic	ND	ND	ND	3.1	2.0	2.3	ND	1.5	ND	0.68
Beryllium	ND	ND	ND	0.44	ND	ND	ND	ND	ND	16.0
Cadmium	ND	ND	ND	2.9	1.0	0.36	ND	ND	ND	7.1
Chromium	ND	0.92	ND	2.3	3.0	6.0	ND	6.2	ND	180,000+++
Copper	80.9	135	37.3	51.1	25.4	88.6	288	50.9	87.7	310
Lead	1.0	1.5	1.2	6.9	1.9	10.1	1.6	16.3	1.3	400
Nickel	ND	ND	ND	ND	ND	2.6	ND	4.3	ND	150
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.0
Silver	ND	ND	ND	0.98	ND	ND	ND	ND	ND	39.0
Thallium	ND	ND	ND	1.2	0.74	ND	0.32	ND	ND	0.078
Zinc	47.6	32.4	33.9	639	198	458	53.1	228	59.0	2,300
Mercury	ND	ND	0.098	0.11	0.075	0.091	0.097	0.28	ND	1.1

**Legend:**

ND = Not Detected    mg/Kg = milligrams per Kilogram    RSL = EPA Regional Screening Levels    SB-1=Soil Sample Identification    NL = No limit established  
**Bold Red Font** = Exceeds comparison criteria values    ++ = DNER UST Closure Guidelines, July 2018    TCL = Target Compound List    -- = Not Tested  
 += Dated May 2020, Refer to EPA Mid-Atlantic Risk Assessment Regional Screening Table, TR= 1E-06, HQ = 0.1    N/A= Not Applicable  
 +++ = Chromium (Total) Total Protection of groundwater    NT= Not tested

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**TABLE 2**  
**Full TPH Summary of Soil Samples Laboratory Results**

CCOC	Sample Identification (Depth feet-bgs)									Comparison Criteria Residential					
	S-1 (0.2-1.5)	S-2 (0.2-1.5)	S-3 (0.2-1.5)	S-4 (0.8-2)	S-5 (1.5-2.75)	S-6 (0-1)	S-7 (BKG) (0.3 – 2.3)	UIC (8.5)	Dup-1 (S-1)	EPA RSL+ (mg/Kg)					
<b>TPH (DRO, ORO) EPA Method 8015B (mg/Kg)</b>										AL	ARL	ARM	AM	ARH	AH
TPH-DRO	ND	ND	ND	ND	ND	ND	NT	<b>16.0</b>	ND	N/A	N/A	9.7	9.6	240	N/A
TPH-ORO	ND	ND	ND	ND	ND	ND	NT	ND	ND	N/A	N/A	N/A	N/A	240	23,000
<b>TPH (GRO) EPA Method 8021 (mg/Kg)</b>										AL	ARL	ARM	AM	ARH	AH
TPH-GRO	ND	ND	ND	ND	ND	ND	ND	ND	ND	52	8.2	N/A	N/A	N/A	N/A

**Legend:**

ND = Not Detected mg/Kg = milligrams per Kilogram RSL = EPA Regional Screening Levels SB-1=Soil Sample Identification NL = No limit established  
**Bold Red Font** = Exceeds comparison criteria values TCL = Target Compound List -- = Not Tested N/A= Not Applicable  
 += Dated May 2020, Refer to EPA Mid-Atlantic Risk Assessment Regional Screening Table, TR= 1E-06, HQ = 0.1  
 AL= Total Petroleum Hydrocarbons (Aliphatic Low) ARL= Total Petroleum Hydrocarbons (Aromatic Low)  
 ARM = Total Petroleum Hydrocarbons (Aromatic Medium) AM= Total Petroleum Hydrocarbons (Aliphatic Medium)  
 ARH = Total Petroleum Hydrocarbons (Aromatic High) AH = Total Petroleum Hydrocarbons (Aliphatic High) NT = Not tested

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**TABLE 3**  
**Summary of QA/QC Blank Samples Laboratory Results**

CCOC	Sample Identification				
	EB-1	TB-1	TB-2	FB-1	FB-2
<b>TCL-VOCs EPA Method 8260B (ug/L)</b>					
Acetone	18.5	12.8	18.0	16.4	9.9
Ethylbenzene	0.57	ND	0.70	0.63	0.63
Toluene	6.5	ND	7.5	7.0	6.8
m&p-Xylene	ND	ND	2.0	ND	ND
Other VOCs	ND	ND	ND	ND	ND
<b>TCL-SVOCs EPA Method 8270C (ug/L)</b>					
SVOCs	ND	NT	NT	NT	NT
<b>P.P. Metals EPA Method 6010/7470 (mg/L)</b>					
Antimony	ND	NT	NT	NT	NT
Arsenic	ND	NT	NT	NT	NT
Beryllium	ND	NT	NT	NT	NT
Cadmium	ND	NT	NT	NT	NT
Chromium	ND	NT	NT	NT	NT
Copper	ND	NT	NT	NT	NT
Lead	ND	NT	NT	NT	NT
Nickel	ND	NT	NT	NT	NT
Selenium	ND	NT	NT	NT	NT
Silver	ND	NT	NT	NT	NT
Thallium	ND	NT	NT	NT	NT
Zinc	ND	NT	NT	NT	NT
Mercury	ND	NT	NT	NT	NT
<b>TPH (DRO, ORO) EPA Method 8015B (mg/L)</b>					
TPH-DRO	ND	NT	NT	NT	NT
TPH-ORO	ND	NT	NT	NT	NT
<b>TPH (GRO) EPA Method 8021 (ug/L)</b>					
TPH-GRO	52.9	ND	51.4	55.8	55.1

**Legend:**

EB = Equipment Blank  
 ND = Non-Detected

TB = Trip Blank  
 mg/L = milligrams per Liter

FB = Field Blank  
 ug/L = micrograms per Kilogram

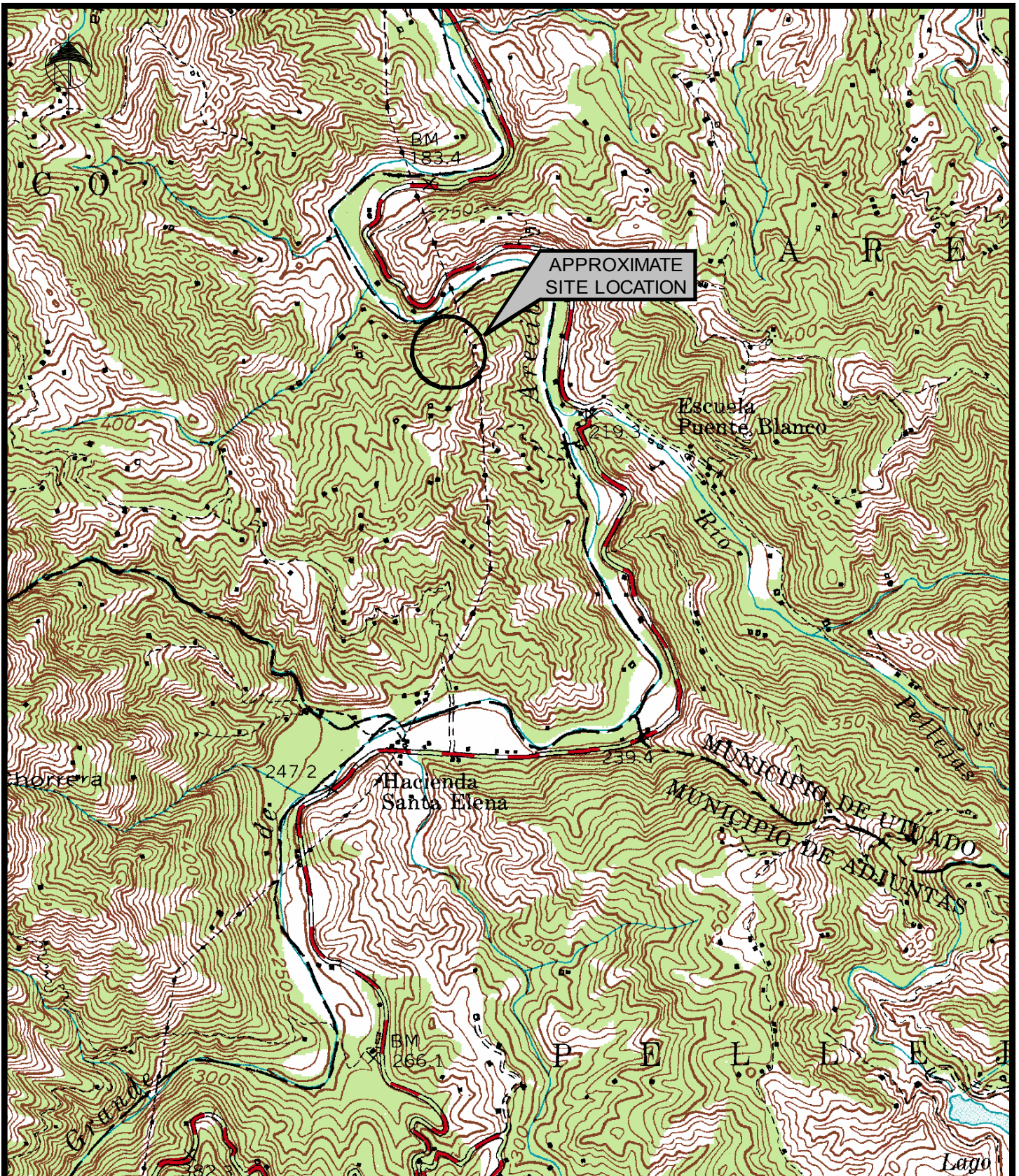
NT = Not Tested  
 BDL = Below Detection Limit

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**FIGURES**





SOURCE: USGS 7.5 MIN. TOPOGRAPHIC MAP OF ADJUNTAS  
 QUADRANGLE 1977 (PHOTOREVISED 1982)

SCALE: 1:20,000



LIMITED PHASE II DETECTION LEVEL  
 ENVIRONMENTAL SITE ASSESSMENT REPORT  
 FORMER MECHANICAL SHOP  
 PR-10 (UTUADO ADJUNTAS)  
 PROJECT - AC - 10069  
 GUADNICO WARD  
 UTUADO, PUERTO RICO







SITE VICINITY MAP

PROJECT  
 NO. 20-0008

FIGURE 1



**LEGEND:**

-  APPROXIMATE PROPERTY LIMITS INCLUDED IN PHASE I ESA
-  FORMER RESIDENTIAL STRUCTURE
-  FORMER MECHANICAL SHOP AREA
-  SEPTIC TANK SYSTEM
-  STAINED AREA
-  PVC PIPE DISCHARGING INTO GROUND



SOURCE: GOOGLE AERIAL PHOTOGRAPH DATED OCTOBER 11, 2019, AND SITE VISIT CONDUCTED BY CES PERSONNEL ON JULY 6 AND JULY 15, 2020

ALL LOCATIONS ARE APPROXIMATE AND ARE ACCOMMODATED TO FIT THIS FIGURE



LIMITED PHASE II DETECTION LEVEL  
ENVIRONMENTAL SITE ASSESSMENT REPORT  
FORMER MECHANICAL SHOP  
PR-10 (UTUADO-ADJUNTAS)  
PROJECT - AC-100069  
GUAÓNICO WARD  
UTUADO, PUERTO RICO

SITE SKETCH

PROJECT NO. 20-0008

FIGURE 2

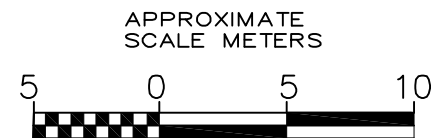
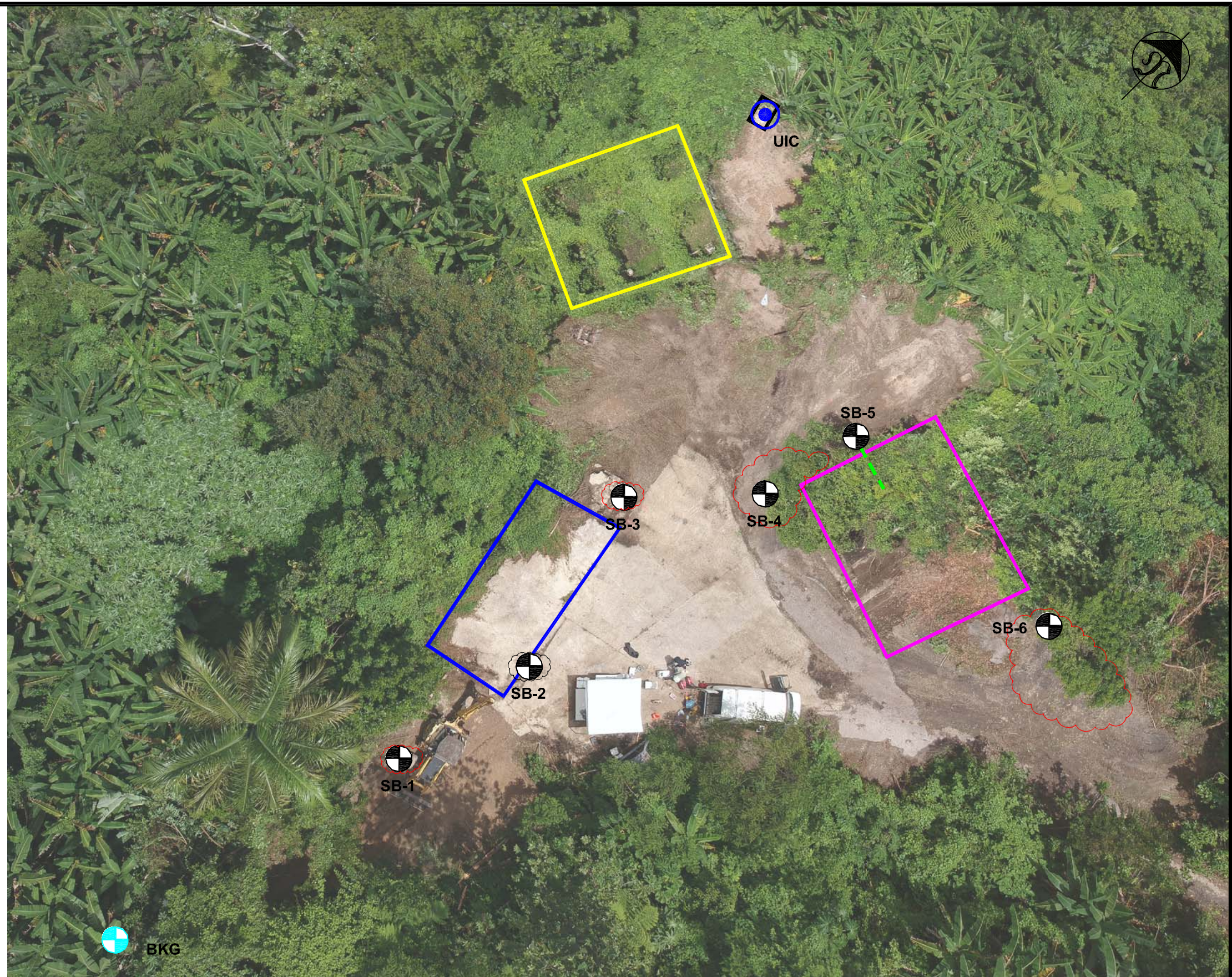


LEGEND:

- MECHANICAL SHOP BUILDING
- MECHANICAL SHOP SUPPORT BUILDING
- RESIDENTIAL BUILDING

AREAS OF CONCERN

- STAINED AREA
- PVC DISCHARGING PIPE
- DETERIORATE CONCRETE
- SEPTIC TANK
- APPROXIMATE SOIL SAMPLE LOCATION
- SB-1
- APPROXIMATE UIC SOIL SAMPLE LOCATION
- UIC
- APPROXIMATE BACKGROUND SOIL SAMPLE
- BKG



SOURCE: AERIAL PHOTOGRAPH DATED JULY 6, 2020.



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LIMITED PHASE II DETECTION LEVEL  
ENVIRONMENTAL SITE ASSESSMENT REPORT  
FORMER MECHANICAL SHOP  
PR-10 (UTUADO-ADJUNTAS)  
PROJECT - AC-100069  
GUAÓNICO WARD  
UTUADO, PUERTO RICO

APPROXIMATE SAMPLE LOCATIONS

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20-0008

FIGURE 3



*Limited Phase II Detection Level  
Environmental Site Assessment Report  
Former Mechanical Shop  
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**APPENDICES**

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**APPENDIX A**

**WORK AND SAMPLING PLAN (WSP)**

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**WORK AND SAMPLING PLAN  
LIMITED PHASE II DETECTION LEVEL ASSESSMENT ACTIVITIES  
FORMER MECHANICAL SHOP  
PR-10 (UTUADO ADJUNTAS)  
PROJECT - AC-100069  
GUAÓNICO WARD  
UTUADO, PUERTO RICO**

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**PROJECT NO. 20-0008**

**JUNE 2020**



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Figure 3	Proposed Soil Borings and Sample Locations
Figure 4	Route to Nearest Hospital

**APPENDICES**

Appendix 1	CES SOP 1000 – Decontamination
Appendix 2	CES SOP 1200 – Field Log Book
Appendix 3	CES SOP 1300 – Sample Identification and Chain of Custody
Appendix 4	CES SOP 2000 – Soil Sample Collection
Appendix 5	CES SOP 2100 - Liquid and Sludge sampling
Appendix 6	CES SOP 3000 – Sample Preservation
Appendix 7	CES SOP 1100 – Sample Shipping

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### 1.1 INTRODUCTION

#### 1.2 Background Information

A Phase I Environmental Assessment Report (Phase I) is being conducted by Caribe Environmental Services (CES) for a parcel of land acquired by the Puerto Rico Highway and Transportation Authority (PRHTA) as part of the proposed PR-10 Utuaado-Adjuntas highway extension project. The parcel of land is located within the Guaónico Ward of the Utuaado Municipality in Puerto Rico and covers an area of approximately 45,514 square meters (m<sup>2</sup>) (11.58 “cuerdas”). The parcel of land was improved with a one-story residential property and a one-story mechanical shop. At the time of the Phase I, the property was vacant, in deteriorated conditions, and covered with thick vegetation.

A Site Vicinity Map is provided as **Figure 1**. A Site Aerial Photograph, showing the Site’s features, general settings, and surroundings is provided as **Figure 2**. The project site boundaries included in **Figure 2** are approximate based upon the information provided to CES. The approximate coordinates of the center portion of Subject Site are: 18°13'53.76"N; 66°43'19.54"W.

The Phase I investigation identified, the following Recognized Environmental Condition (REC) associated with the Subject Property:

- **Historic vehicle mechanical activities.**

The available historical data indicate that the subject site was used for heavy mechanical activities for a very long time. Based upon our professional experience, it is common that these types of facilities generate used oil and other petroleum products wastes and also could generated hazardous wastes as a result of their operations. It is uncertain how the management of these wastes was conducted at the Subject Site, including if these were discharged into the septic tank or into the ground surface. In addition, based upon our experience it is typical that these facilities do not implement adequate housekeeping procedures and poor management of petroleum products and potential hazardous substances such as solvents is typically inadequate. Therefore, the historical use of the site for heavy mechanical activities, *should represent a REC*.

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In compliance with §312.31 (b) of the AAI final rule and §12.6.1 of the ASTM E1527-13, additional appropriate investigation is necessary to confirm the presence of petroleum products and/or hazardous substances associated with the abovementioned REC.

The proposed scope of work included in this Work and Sampling Plan (WSP) will be limited to the sampling of the soils underlying the areas of concern and sampling of the septic tank contents (if found) to detect the presence of Chemical Constituents of Concern (CCOC). We note that if any of the CCOC are detected in concentrations exceeding the comparison criteria, and/or additional environmental concern are evident during the visual assessment, additional investigation may be needed to define the magnitude and extent of the impacted areas. Such investigation is beyond the scope of the limited Phase II investigation described in this WSP.

We understand that this investigation is being conducted by the Puerto Rico Highway and Transportation Authority (PRHTA) as a voluntary action. We also understand that the proposed investigation is not intended to be consulted nor submitted to the Department of Natural and Environmental Resources of Puerto Rico (DNER) and/or the United States Environmental Protection Agency (EPA). At this time no groundwater sampling is proposed since we understand that the groundwater level at the site may be located deeper than 100 ft-bgs. Once the results of this investigation are received, the need for collecting deeper soil samples can be evaluated, if necessary.

This WSP addresses the environmental concern mentioned above and includes the following activities:

- Assessment of the existing subsoil conditions at the areas of concern to determine the potential presence of soils impacted with petroleum products and/or hazardous substances.
- Assessment of the septic tanks liquids and sludge contents to determine the potential presence of liquids impacted with petroleum products and/or hazardous substances.

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- Provide PRHTA with recommendations for additional investigation or remedial actions, if necessary.

### **1.3 Purpose**

The purpose of this limited Phase II would be to assess the potential presence of hazardous substances and/or petroleum products constituents in the soils underlying the mechanical shop area and further assessing the potential septic tank liquid contents. However, if hazardous substances or petroleum products are detected in the soils and/or septic tank contents, additional investigation may be needed, to define the magnitude and extent of the impacted areas. Such investigation is beyond the scope of the investigation proposed herein.

The purpose of this WSP is to present the procedures that CES will follow during the execution of the Limited Phase II Detection Level Assessment field activities that will be conducted at the Subject Site's area of concern. The objective of this investigation is to obtain samples for laboratory analyses to assess the potential presence of CCOC in the soils underlying the areas of concern and in the septic tank contents

### **1.4 Initial Conceptual Site Model**

The initial Conceptual Site Model (CSM) can be used to support evaluations of the adequacy of the available site-specific information, to guide the proposed investigations, and to support data selection for risk-based screening. The CSM can also provide useful information for supporting prompt development of a strategy for early/interim response actions.

An initial CSM was developed for the Subject Site using the existing limited information derived from the on-going Phase I investigation, preliminary information on the site physical characteristics, and relevant background information obtained. The initial CSM integrates the existing information into a model of potential contaminant distribution and migration and

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establishes a framework for evaluating data, identifying data gaps, and developing the technical approach for the field investigation. The initial CSM should be updated as additional information on physical site characteristics, contaminant sources, migration pathways, and receptors is collected during the course of the proposed investigation.

For purposes of this plan we assume that the Subject Site is planned to be developed as part of the PR-10 highway extension and that residential or other sensitive uses (such as daycare, schools, elderly care facility, hospital , etc.) will be unlikely.

The initial CSM includes the following:

- Areas of Concerns and Rationale
- Chemical Constituents of Concern
- Potential release mechanisms for contaminants
- Evaluation of migration pathways

**1.4.1 Areas of Concerns and Rationale**

The proposed investigation will be concentrated on the area of concerns associated to the identified REC. The areas of concern selected for investigation and its rationale is presented next:

<b>Area of Concern</b>	<b>Rationale</b>
Mechanical Shop Area	Determine the potential presence of CCOC at the soils underlying the mechanical shop.
Septic Tank	Determine the potential presence of CCOC at the sept.

**1.4.2 Chemical Constituents of Concern (CCOC)**

Based upon identified REC, the following chemical constituents should be considered of concern for the underlying soils and septic tank contents:



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- Total Petroleum Hydrocarbons (TPH) Gasoline Range Organics (GRO)
- Total Petroleum Hydrocarbons (TPH) Diesel Range Organics (DRO)
- Total Petroleum Hydrocarbons (TPH) Oil Range Organics (ORO)
- Target Compound List (TCL) Volatiles Organic Compounds (VOCs)
- TCL Semi- Volatiles Organic Compounds (SVOCs)
- Priority Pollutants Metals

### **1.4.3 Potential Release Mechanisms for Contaminants**

It would be expected that contaminant releases would have occur directly to the ground surface from the storage of containers such as drums, pails and others typically located inside this type of facilities, leaking discarded vehicle parts, poor housekeeping, staged leaking vehicles, improper handling of materials, etc. In addition, contaminants could have been discharged into a septic tank system through a dedicated pipe or in combination with the sanitary sewer system.

### **1.4.4 Evaluation of migration pathways**

It would be expected that soils directly below the asphalt/concrete pavements could have been impacted by contaminants that migrated downward through cracks and/or crevices or that unpaved ground surface may have also be directly impacted. In addition, soils could have been impacted by contaminants that migrate from the septic tank system effluents or crack/crevices located inside the septic tank system.

However, no productive aquifer is located underlying the Subject Site and groundwater it expected to be located more than 100 feet below ground surface. Therefore, migration into an aquifer system is expected to be unlikely.

## **1.5 Scope of Work**

This plan presents a detailed description of sampling activities, sampling methods, sampling and

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analytical procedures, QA/QC protocols, and investigation procedures to be implemented during the execution of the sampling and investigation activities. Sampling procedures have been developed in accordance with applicable Caribe Environmental Services Standard Operating Procedures (SOPs).

The scope of work presented herein includes the recommended Limited Phase II Detection Level Assessment activities. Following is a summary of the sampling activities proposed:

### **Soil Drilling and Sampling Activities**

- Drilling of 6 soil borings at the most apparent visually impacted stained areas. If no stained areas are observed, the soil boring will be located at the areas within the mechanical shop where we understand are more likely to have been impacted by the site's operations. For purposes of this WSP, we assume that the borings depth will be approximately 4 ft below ground surface (bgs). If during the drilling activities impacted soils are detected at the 4 feet, we will continue drilling to a maximum depth of 8 feet or until refusal. No drilling of soil borings deeper than 8 feet is expected during the proposed work.
- Drilling of 1 background soil at an area which will appear unlikely to have been impacted by the mechanical shop activities. The soil boring will be drilled to a depth of approximately 4 ft below ground surface (bgs) or until refusal.
- Collection of one soil sample from the each of the deep soil borings for laboratory analysis.
- Collection of 1 liquid samples (septic tank).
- Collection of 1 sludge samples (septic tank).

### **Quality Assurance/Quality Control (QA/QC)**

- Collection of 1 duplicate sample per 10 matrix samples collected (1 soil duplicate)
- Collection of 2 field blanks
- Collection of 2 trip blanks
- Collection of 1 equipment blank

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**Report Preparation**

- Written report to document the objectives of the assessment, describing the work performed, explaining the rationale followed, and documenting the information and data acquired.

A detailed description of the scope of work to be implemented is presented in *Section 2.2* of this plan.

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### 2.0 FIELD SAMPLING PROGRAM

This section of the WSP presents a detailed description of the proposed field and analytical work. Field sampling activities will be conducted following applicable CES Standard Operation Procedures (SOPs). We note that CES SOPs are considered proprietary information and must not be used, reproduced or distributed without the written consent of CES.

Sampling activities will be conducted by qualified personnel. *Section 6.0* of this plan presents CES sampling personnel qualifications. Procedures and protocols applicable to the sampling activities include:

- Decontamination procedures of non-disposable sampling equipment will be conducted following CES SOP 1000 (*Appendix 1*).
- Field activities will be documented in a field notebook following CES SOP 1200 (*Appendix 2*).
- Samples identification and Chain of Custody procedures will be conducted in accordance with CES SOP 1300 (*Appendix 3*) described in *Section 3.1.1* of this Plan.
- Soil sampling will be conducted following the procedures of CES SOP 2000 (*Appendix 4*).
- Liquid and Sludge sampling will be conducted following the procedures of CES SOP 2100 (please refer to *Appendix 5*).
- Samples preservation will be conducted following CES SOP 3000 (*Appendix 6*) described in *Section 3.1.5* of this Plan.
- Samples packaging and shipping will be conducted following CES SOP 1100 (*Appendix 7*) described in *Section 3.1.5* of this Plan.
- QA/QC samples; Non-disposable equipment decontamination blanks, and duplicates will be collected and analyzed for the same parameter as the sample being analyzed as described in *Sections 3.1.1* and *3.1.2* of this plan.

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- QA/QC samples; Field and trip blanks will only be analyzed for the volatile fraction and gasoline range organics (GRO) of the media being analyzed as described in *Sections 3.1.3* and *3.1.4* of this WSP.

### 2.1 Field Assessment Activities

The proposed assessment activities are designed to determine the following:

- Detection of potential impacts with petroleum hydrocarbons and/or hazardous substances at the soils underlying the area of concern.
- Detection of potential impacts with petroleum hydrocarbons and/or hazardous substances at the liquid and/or sludge inside the septic tank.

### 2.2 Soil Drilling and Sampling Activities

As part of the proposed assessment activities, 7 soil borings will be drilled at the Subject Site.

Six of the soil borings will be located at the most apparent visually impacted stained areas and/or where deteriorated floor surfaces, cracks or crevices are observed that could have permitted contaminant migration into the subsoils. If no stained areas or areas where deteriorated floor surfaces, cracks or crevices are observed, the soil boring will be located at the areas within the mechanical shop where we understand are more likely to have been impacted. One of the soil borings will be located at a background location which is not expected to have been impacted by the mechanical activities.

The approximate locations of the proposed soil borings are presented in *Figure 3*. We note that the locations included in this figure are approximate and subject to modification based upon site observations and due to site conditions encountered. *Table 1* presents a summary of the proposed number of borings, the soil samples to be collected per boring, the depth of soil borings, and the laboratory analytical method.

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As shown in *Table 1*, the soil borings will be drilled to approximate depths of 4 feet- bgs or to refusal, whichever is encountered first. However, final depths of the soil boring could be increase based upon field observations, but is expected not to be deeper than 8 feet-bgs. Soil samples will be collected at continuous one-foot intervals to the determined depth or less as determined by the field professional.

### **2.2.1 Soil Sampling Activities**

As part of the proposed assessment activities, **8** soil samples will be collected (including 1 background sample and 1 duplicate sample).

Collected soil samples will be screened in the field using a Photo-Ionization Detector (PID). One soil sample per boring will be selected for laboratory analyses. The soil sample showing the highest PID result (unless visual observations suggest that a different soil sample may be more impacted) will be selected for analysis. In case that no significant differences between soil samples collected at a specific soil boring are identified visually or by the PID readings, then the shallowest sample underlying the concrete or asphalt pavement or the topsoil will be selected for analysis. However, it is noted that the soil sample selection will be contingent upon the field personnel's professional judgment.

For this project the groundwater is not expected to be intercepted. However, if groundwater is encountered during the drilling activities, the bottom soil samples will be collected at the depth on top of the groundwater level. Any soil sample collected below the groundwater level will only be used for lithological description. The borings observations will be documented to assist in the determination of the potential vertical extent of impacts, during the data evaluation process.

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The following procedure will be used during the collection of the soil samples:

- If suspect utilities are indicated to us, the first three feet of drilling will be conducted using a hand auger.
- Prior to starting drilling activities and after each borehole, the reusable drilling equipment will be decontaminated using one of the procedures described in CES SOP 1000.
- The shallow soil borings will be advanced by using direct push drilling technology (DPT) such as an electric hammer drill; an EarthProbe® 200 drilling equipment, or motorized auger drilling equipment. However, if necessary manual hand auger could be used.

Once soil sampling activities are completed the soil borings will be grouted using a cement grout mix.

- If refusal is encountered, drilling will be discontinued and a new location will be selected. The selected drilling technique will be based upon accessibility and soil conditions. The cutting of concrete and/or asphalt will be conducted by using a concrete core cutter, chipping hammer or similar equipment.
- Soil samples will be obtained at continuous 4-foot intervals (if sufficient soil retrieval is obtained) at each shallow soil boring location to the determined depth or to refusal. Alternately, hand augers or steel split spoon samplers may be used. Samples will be collected using Macro Core (MC) sampler, equipped with disposable liners. The soil samples will be extruded and logged in field by the field professional.
- PID screening will be conducted along the retrieved disposable liner without the need to placing the sample in a zip-lock bag for screening. However, alternatively a portion of each soil sample could be placed in a zip-lock bag for visual evaluation and field screening using a PID. The rest of the sample will be placed in laboratory provided jars and placed in an ice chest for preservation.
- The soil samples selected and associated QA/QC samples for laboratory analysis samples will be transported to the Pace Analytical Laboratory (PACE) in Guaynabo, Puerto Rico under the chain of custody protocol, for laboratory analysis.
- The health and safety procedures that will be followed during field activities, as required by OSHA 29 CFR 1910.120, will be implemented as described in *Section 5.0* of this plan.

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**2.3 Investigation Derived Wastes**

No investigation derive wastes are anticipated to be generated. Residues of the soil sample cores will be placed in the same soil boring from which it was extracted from. Soil borings will be cement grouted after soil samples are collected. However, if any assessment derived wastes are generated, they will be placed in DOT approved containers and left on site for PRHTA disposal.

**2.4 Laboratory Analyses**

The soil, liquid, and sludge samples collected during this investigation will be analyzed for the following parameters, as previously defined:

- TPH-DRO EPA Method 8015
- TPH-ORO EPA Method 8015
- TPH-GRO EPA Method 8015
- TCL VOCs EPA Method 8260
- TCL SVOCs EPA Method 8270
- Priority Pollutants EPA Method 6010/7470

The background soil sample collected during this investigation will be analyzed for the following parameters, as previously defined:

- Priority Pollutants EPA Method 6010/7470

The laboratory analyses to be performed for this project have been determined based upon our experience with similar scenarios and the information obtained during the development of this WSP. The analysis parameters and the analytical method to be used are summarized in **Table 2**. The laboratory methods will conform to the SW-846 requirements.



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Descriptions of the sample containers, preservative and holding time requirements for each analytical parameter listed above are included in **Table 3**. The laboratory will provide clean containers for placing the soil and liquid samples. Containers with the corresponding preservative, if needed, will also be provided by the laboratory. Laboratory reports will be reviewed and certified by a chemist licensed in Puerto Rico. The analytical procedures to be used for this assessment are described in *Section 7.0* of this plan.

The laboratory analyses for this project will be conducted by Pace Analytical Laboratory (PACE) in Guaynabo, Puerto Rico.

## **2.5 Report Preparation**

A report will be prepared documenting sampling and assessment activities conducted and laboratory results obtained. The report will include a summary of the field activities, laboratory reports, conclusions, and recommendations, if necessary.

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### **3.1 FIELD AND LABORATORY QA/QC PROCEDURES**

Improper sample handling may alter the analytical results of the sample. Consequently, the samples to be collected will be obtained by using disposable latex or nitrile gloves. At each sampling point, new pairs of gloves will be worn by the sampling personnel. Samples will be carefully transferred in the field from the sampling equipment directly into the laboratory containers that will be specifically prepared by the laboratory for the parameter or analysis to be performed.

#### **3.2 Field Quality Assurance and Quality Control Program**

The field QA/QC program for this project will consist of obtaining trip blanks, field blanks, equipment blanks and samples duplicates.

##### **3.2.1 Duplicate Samples**

Reliability and validity of laboratory analysis will be increased by using standard and duplicate samples. Results from a standard sample and duplicate samples will be used as a measure of the laboratory performance or as an indicator of potential sources of cross-contamination. For this project, we estimate that one duplicate sample per 10 samples of each media will be collected. We estimate that *1* duplicate soil sample will be collected. The duplicate sample will be analyzed for the same parameters as the original sample.

##### **3.2.2 Equipment Decontamination Blanks**

To verify that the sampling equipment has been effectively cleaned (before its use) the decontaminated reusable sampling equipment will be rinsed with deionized water type I or distilled water as provided by the laboratory, then this water will be transferred into the sample containers

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provided by the laboratory and analyzed for the same parameters as the matrix sampled. Equipment blanks will be obtained for this project at a rate of one equipment blank sample per reusable equipment utilized. Equipment decontamination blank samples will *not* be obtained for disposable sampling equipment such as the acetate liners or disposable polyethylene bailers.

For this project, we estimate that *I* equipment blanks will be collected from the macro core cutter and steel spoons (if used). The equipment decontamination blank will be analyzed for the same parameters of the sampled media.

### **3.2.3 Trip Blanks**

The trip blanks (prepared by the laboratory) are used to evaluate the potential for cross contamination of the samples during shipment to the laboratory. Trip blanks will be provided by the laboratory on the laboratory supplied coolers.

This sample will be transported to the site, handled like a sample, and returned to the laboratory for analysis. Trip blanks are not to be opened during sampling or transportation. The trip blank will be analyzed for the volatile organic fraction and TPH-GRO of the media being sampled. A trip blank will accompany selected representative sample shipments to the laboratory. For this project, we are assuming that no more than 2 trip blanks will be necessary.

### **3.2.4 Field Blanks**

Field blanks will be collected by obtaining laboratory containers with type II reagent grade water, deionized, or distilled water as provided by the laboratory. These containers will be opened in the field and left open during sampling activities. Upon completion of sampling activities, the sample jars will be capped, and placed in the cooler for preservation, and subsequent laboratory analyzes. Field blanks will be collected for this project within representative areas of concern on a daily basis. We estimate that **2** field blanks (one per day) will be collected during this investigation. The

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field sample will be analyzed for the volatile organic fraction and TPH-GRO of the media being sampled.

**3.2.5 Samples Handling, Preservation, Identification, Shipping and Chain of Custody Control**

Once the samples have been collected, applicable CES SOP's will be followed to ensure proper samples handling, preservation, identification, shipping and chain of custody. To provide adequate samples traceability between the moment the sample is taken and its eventual analysis, CES SOP 1300 will be followed. Sample containers will be pre-labeled before sample collection. The pre-labeled information will include sample identification number, name of collector, date and time of collection, place of collection and parameter (s) requested. The date and time of sample collection will be immediately placed in the container label, after the sample is collected. The samples will be placed on ice immediately after collection for preservation in accordance with CES SOP 3000.

Chain of custody procedures as described in CES SOP 1300 will be followed. Chain of custody forms, to be provided by the laboratory, will be completed by sampling personnel and others handling samples between the time the sample is taken and the time it is delivered to the laboratory for analysis. The chain of custody form will include necessary information for traceability of the samples.

The procedures to be followed for sample packaging and shipping are presented in CES SOP 1100.

**3.3 Laboratory Quality Assurance and Quality Control**

The laboratory analyses for this project will be conducted by the Pace Analytical Laboratory in Guaynabo, Puerto Rico, Puerto Rico. Laboratory reports provided by PACE Analytical will be reviewed and certified by a chemist licensed in Puerto Rico.

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**4.0 MAINTENANCE AND CALIBRATION  
PROCEDURES AND FREQUENCY**

Maintaining the electronic equipment in operating conditions will assure that the data obtained from that equipment will be reliable. To accomplish this, the equipment has to be well maintained and calibrated. The electronic equipment proposed to be used during sampling activities includes the PID meter. The maintenance and calibration procedures to be followed will be those included in the manufacturer's manuals. The calibration of the equipment will be verified in the field prior to initiating the field activities.

The field equipment will be calibrated prior to commencement field activities and on a daily basis, as applicable, using calibration standards to be provided by the equipment supplier. Field equipment will be considered calibrated if instrument readings are within 10% of the calibration standard values.

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### **5.1 HEALTH AND SAFETY PROCEDURES**

During all phases of the project, health and safety procedures will be implemented following the CES Health and Safety Corporate Policy. All CES personnel involved in the sampling and field activities will comply with the OSHA training requirements included in 29 CFR 1910.120.

Health and Safety procedures to be considered by CES for this project will include items such as:

- Personal protective equipment;
- Potential chemical and physical hazards;
- Emergency procedures;
- Work procedures;
- Site and personnel monitoring.

Health and Safety (H&S) Procedures for this project have been prepared as a guideline for conducting the assessment activities at the subject facility. The following sections address emergency procedures to be followed during the execution of the assessment activities.

The provisions of this H&S Plan are mandatory for all on-site activities undertaken by CES (and contractors) personnel for the project during sampling activities. All personnel who enter the area, including workers, inspectors, subcontractors and approved visitors must be briefed on the contents and adhere to all the minimum requirements of this plan.

By CES voluntarily sharing this information with any subcontractors and visitors, they are not relieved of the responsibility to provide their personnel with adequate and proper supervision, safety information, instructions and equipment. CES assumes no responsibility for the safety of any personnel, other than CES employees.

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Prior to begin operations at the site, the Field Safety Coordinator (FSC), will perform a site inspection to verify that conditions as described in the Health and Safety Plan are accurate. The primary purpose of this reconnaissance is to finalize all planning and logistics for site work.

### **5.2 Required Personnel Protective Equipment (PPE)**

The selection of the PPE is based on potential contaminant levels, the work to be performed, and the work location within the site. Levels of personal protection are briefly outlined as follows:

#### **Level D**

- Coveralls
- Chemical resistant safety boots/shoes
- Chemical resistant gloves
- Safety glasses or chemical splash goggles
- Hard hat (optional)

#### **Level C**

- Half-face respirator, air-purifying respirator fitted with a HEPA/Organic Vapor/combination cartridge (NIOSH approved)
- Chemical resistant clothing (long sleeved overalls, one or two-piece chemical resistant splash suit; disposable chemical resistant one-piece suit)
- Inner and outer chemical-resistant gloves
- Safety boots/shoes
- Hard-hat (optional)

#### **Level B**

- Positive pressure, full-face SCBA or positive pressure airline egress system with escape bottle (NIOSH Approved)
- Chemical-resistant clothing (long-sleeved coveralls, hooded chemical splash suit; disposable chemical-resistant one-piece suit)
- Inner and outer chemical-resistant gloves
- Chemical-resistant safety boots/shoes
- Hard-hat (optional)

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The site activities for this project will be conducted outside buildings in open spaces where ventilation is adequate. Based upon the aforementioned, the information available for the site potential contaminants at the areas to be assessed and the media to be sampled, the minimum basic safety personnel equipment at the open spaces area may consist of hard hat, safety glasses or goggles, boots and latex/nitrile gloves. However, as described in *Section 5.3*, periodically monitoring of the ambient air will be conducted during the site activities with a PID for presence of volatile organic compounds. If determine to be necessary, a half-face respirator, air-purifying respirator fitted with a HEPA/Organic Vapor/ combination cartridge (NIOSH approved) will be required as part of the safety personnel equipment.

Soil and liquid samples will be collected using protective latex/nitrile gloves. Gloves will be changed prior to each sample collection. Each member of the sampling team must use the basic personnel protection equipment as prescribed herein before executing sampling activities.

### **5.3 Site Hazard Evaluation**

Based upon the activities proposed to be performed the assessment as described in *Section 2.0* of this plan, the primary hazards associated with the sampling activities are possible organic vapors that may be present in the soils underlying the subject site and the presence of underground utilities. If underground utilities maps or information regarding where underground utilities might be located is provided by PRHTA representatives, this will be taken into consideration before conducting any drilling.

We understand that no information may be available regarding underground utilities at the site. However, given the site uses and location it would be unlikely that underground utilities may be encountered during drilling. However, based upon site conditions, CES may advance the soil boring using manual hand auger in order to minimize the possibility of impacting any underground utility.



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Routes of potential exposure are by inhalation, and ingestion. In addition, possible skin contact with the materials could be possible. Potential hazards associated with drilling activities include the ingestion or skin contact with soils potentially affected with volatile organic compounds.

**5.4 Site Personnel Monitoring Procedures**

This section describes the methods and equipment that may be used to monitor the ambient air within the working zone (i.e., breathing zone of personnel) for airborne concentrations of hazardous substances, using direct-reading (real-time) air monitoring. The breathing air zone will be monitored periodically and with every change in task or location.

Personnel monitoring will be performed using a photo-ionization detector (PID) for presence of volatile organic compounds. The following action guidelines will be used at the site:

<u>PID Readings</u>	<u>Action Guideline for PPE Level of Protection</u>
0 -25 ppm	Level D
25 ppm – 100 ppm	Level C
>100 ppm	Evacuate Area (HSO will determine how to proceed)

Workers will continually be observed (through the buddy system and by on-site managers) for signs of adverse health effects. Sufficient equipment will be maintained on-site for immediate equipment upgrade.

**5.5 Heat Stress**

Signs of heat stress include heat rash, heat cramps (muscle spasms), and heat exhaustion (pale, cool, moist skin, heavy sweating, dizziness, nausea, and fainting). Extreme heat stress can result in heat stroke, as temperature regulation fails and the body temperature rises to critical levels. Symptoms of heat stroke include red, hot, usually dry skin; lack of or reduced perspiration; nausea, dizziness, and confusion; strong, rapid pulse and coma.

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If symptoms of heat stress are exhibited by the workers or the temperature increases significantly, the pulse rate and body temperature will be monitored during all tasks (as deemed necessary or appropriate by the HSO or PM). The action guidelines are as follows:

### Pulse Rate

- Determine normal resting pulse rate.
- Monitor pulse rate as soon as possible at beginning of rest period.
- If the rate is greater than 40 beats per minute (BPM) above the normal rate, shorten the next work period by one-third (1/3) without changing the rest period.
- If the pulse rate is greater than 40 BPM above normal at beginning of next rest period, shorten the following work cycle again by 1/3.
- Repeat.

### Body Temperature

- Determine body temperature at the end of the work cycle and before drinking.
- If the temperature is greater than 99.6°F (37.6°C), shorten the next work cycle by 1/3 without changing the rest cycle.
- Repeat.

**Do not** allow a worker to wear semi permeable or impermeable clothing when his/her body temperature exceeds 100.6°F (38.1°C).

The Heat Index is a measure of how hot it really feels when relative humidity is factored in with the actual air temperature. To find the Heat Index temperature, look at the Heat Index Chart below. As an example, if the air temperature is 96°F and the relative humidity is 65%, the heat index (how hot it feels) would be 121°F. The air temperature and humidity should be obtained by the HSO prior to field activities and as work progress. Weather information can be obtained from the National Weather Service in Utuađo webpage (<http://www.weather.gov/sju/>). The red area without numbers indicates extreme danger.

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**NOAA's National Weather Service**

**Heat Index  
 Temperature (°F)**

	<b>80</b>	<b>82</b>	<b>84</b>	<b>86</b>	<b>88</b>	<b>90</b>	<b>92</b>	<b>94</b>	<b>96</b>	<b>98</b>	<b>100</b>	<b>102</b>	<b>104</b>	<b>106</b>	<b>108</b>	<b>110</b>
<b>40</b>	80	81	83	85	88	91	94	97	101	105	109	114	119	124	130	136
<b>45</b>	80	82	84	87	89	93	96	100	104	109	114	119	124	130	137	
<b>50</b>	81	83	85	88	91	95	99	103	108	113	118	124	131	137		
<b>55</b>	81	84	86	89	93	97	101	106	112	117	124	130	137			
<b>60</b>	82	84	88	91	95	100	105	110	116	123	129	137				
<b>65</b>	82	85	89	93	98	103	108	114	121	128	136					
<b>70</b>	83	86	90	95	100	105	112	119	126	134						
<b>75</b>	84	88	92	97	103	109	116	124	132							
<b>80</b>	84	89	94	100	106	113	121	129								
<b>85</b>	85	90	96	102	110	117	126	135								
<b>90</b>	86	91	98	105	113	122	131									
<b>95</b>	86	93	100	108	117	127										
<b>100</b>	87	95	103	112	121	132										

**Likelihood of Heat Disorders with Prolonged Exposure or Strenuous Activity**

Caution
  Extreme Caution
  Danger
  Extreme Danger

To minimize the possibility of heat stress, field personnel will have access to water and electrolyte replacement fluids, and will maintain scheduled rest periods as necessary. The field personnel will be monitored as the temperature increases using working condition intervals included in the following table as guidance:

Temperature (of)*	Normal Work Time (Min)	PPE Conditions Time (Min)
90 +	45	15
87 +	60	30
82+	90	60
77+	120	90
72+	150	120

\* Adjusted temperature = air temperature + 13x % sunshine Source: OSHA Manual for Hazardous Waste Site Activities

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**5.6 Work Procedures**

CES personnel will follow CES Standard Operating Procedure during samples collection. Soil gas and oil-liquid samples will be collected using disposable sampling equipment, if available. In case that non-disposable sampling equipment is used, decontamination of the equipment, prior to sampling, will be conducted using the CES decontamination SOP. Samples identification, handling, preservation, chain of custody protocol and shipping will also be conducted following CES SOPs. Contingent upon the ambient air monitoring results described in *Section 5.3*, sampling activities will be conducted using either Level D or C PPE.

**5.6.1 Emergency Equipment**

The following emergency equipment may be required on site during field operations:

- Fire Extinguishers
- First Aid Kits
- Communication Equipment

All equipment will be maintained on site for immediate use in case of an emergency.

Whenever there is a potential threat of fire at hazardous waste site, fire extinguishers will be readily available and on hand throughout the site work. All fire extinguishers will be 20-pound Class ABC. The fire extinguishers will be kept with the field crew during work.

Emergency telephone numbers are included in the following table. A copy of this plan will be available at the site for use as needed. A mobile phone will be kept at the site for emergency use.

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<b>Contact:</b>	<b>Position</b>	<b>Telephone</b>
Luis R. Colón Morales	Site Manager PM/FSC	(787) 671-5717 (787) 469-2714
Eng. Valentin Felix	Alternate (PM/FSC)	(787) 671-5717 (787) 632-9571
Eng. Raúl Colón	Project Principal/Engineer	(787) 671-5717 (787) 559-2002
Natalie Quiles Llane	PRHTA	(787) 787-721-8787 x 1557
Eng. Herminio Alamo	Barrett Hale Alamo, LLC	(787) 982-7050
Eng. Yomar Otero Pérez	Barrett Hale Alamo, LLC	(787) 982-7050

**5.6.2 Work Precautions and Emergency Procedures**

The following work procedures will be implemented at the site:

- When applicable the "buddy system" shall be enforced for field activities involving the potential overexposure to hazardous or toxic materials. Each person should observe their partner for symptoms of chemical over exposures, heat stress, and provide assistance when warranted.
- No eating, drinking, using tobacco products or putting hands in mouth while on the site.
- Wash all exposed skin areas with soap and water before departing from the site.
- Remove and change any non-impervious clothing that becomes contaminated during site activities.
- Do not go anywhere on the site other than where directed by the field professional.
- Confined spaces (if any) shall not be entered without prior consent of the Health and Safety Officer and Principal.
- Safety belts with lifelines shall be worn whenever there is a potential for falling into, out of, or off of a vessel, elevated work platform, etc.

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The following emergency procedures would be implemented if needed:

- **Skin Contact** Remove any contaminated equipment and clothing. Thoroughly wash area with soap and water.
- **Inhalation** Move to fresh air, remove any respiratory protection equipment.
- **Eye Contact** Flush with water or eye wash solution for at least 15 minutes. Seek medical help if necessary.
- **Ingestion** Seek medical help if necessary.
- **Personnel Injury** A first aid kit would be readily available in the case of an injury. Administer first aid and/or seek medical help, if necessary. Medical emergencies take precedence over decontamination procedures. Know route to nearest telephone and medical facility.
- **Potential or Actual** If it is safe to do so, on-site personnel may use available Firefighting Fire/Explosion equipment to control or extinguish the fire, and remove or isolate materials which may contribute to the fire. Contact the fire department, project manager and/or client company officials as appropriate.
- **Spill or Release of Hazardous Material** Clean up, isolate or contain spill as appropriate. Contact emergency response personnel, project manager, and/or client company officials as appropriate.
- **Evacuation Procedures** In the event of an emergency that requires an evacuation of the verbal instruction will be given by the FSC or field professional to evacuate the area. The FSC or field professional will account for all personnel, and will advise personnel of further instructions if necessary. The FSC or field professional will also advise responding off-site emergency personnel if necessary. Personnel shall not re-enter the site until the emergency conditions have been corrected, and the Field Safety Coordinator has authorized re-entry.
- **Route to nearest Medical Facility** Hospital Metropolitano de la Montaña emergency room located at Calle Isaac González Martínez Esquina Ledesma, Utuado, 00641, PR. *Figure 4* shows the route to this hospital

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**Emergency Numbers**

The following is a list of emergency numbers within the site:

<u>Name</u>	<u>Telephone No.</u>
Hospital Metropolitano de la Montaña	(787) 933-1100
Utua Municipal Police	(787) 894-1322
State Police	(787) 343-2020
Fire Department	(787) 725-3444
DNER	(787) 766-2823
(Emergency Line)	(787) 274-8037
	(787) 274-0124
Environmental Protection Agency (National Response Center, Emergency Line)	1-800-424-8802
Environmental Protection Agency (Puerto Rico)	1-800-424-9346 1-800-424-8802
Poison Control Center (New Jersey)	1-800-962-1253
Caribe Environmental Services	(787) 529-5119

**5.5 COVID19 Emergency**

According to the OSHA guidelines, CES’s consulting work is considered to have a low exposure risk (caution). CES jobs do not require contact with people known to be, or suspected of being, infected with SARS-CoV-2 nor frequent close contact with (i.e., within 6 feet of) the general public. CES’s workers in this category have minimal occupational contact with the public and other coworkers. CES’s office and field work can be accomplished meeting the social distancing requirements as set forth by OSHA and PROSHA.

A summary of the procedures that will be followed by CES personnel during the field activities:

- All employees must wear the necessary PPE
- All personnel must maintain the social distancing strategy (minimum if 6 feet between personnel). If for any reason this distance cannot be maintained during a specific period of time, each employee must be fitted with the necessary PPE to avoid exposure.
- No-touch trash cans, hand soap, alcohol-based hand rubs containing at least 60 percent alcohol, disinfectants, disposable towels for workers to clean their work surfaces and alcohol.
- Gloves, goggles or face shields, and face masks will be provided by CES to its employees.

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- Personnel must stay home, if feeling sick, or have any of the symptoms associated with the COVID-19.
- Employees are required to maintain respiratory etiquette, including covering coughs and sneezes.
- Employees must not use other employee's phones, desks, offices, or other work tools and equipment, unless these are properly disinfected.
- To minimize contact among workers and clients, face-to-face meetings will be replaced, as much as possible, with virtual communications and by implementing telework if feasible

### **5.7 Field Safety Coordinator Responsibilities**

The FSC is responsible for formulating and enforcing health and safety requirements. His responsibilities include:

- Ensuring that all site team members have received the required health and safety training,
- Ensuring that all team members have been successfully fit-tested for respirators,
- Ensuring that all equipment used on site is suitable and adequate,
- Addressing any unusual problems or conditions that may be encountered,
- Ensuring that site standard operating procedures are followed at all times.

The FSC will have direct responsibility for reviewing, approving and administering the Health and Safety Procedures relative to all site activities.



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### **6.0 ORGANIZATION AND RESPONSIBILITY**

CES will assign qualified and experienced personnel for the execution of the activities presented in *Section 2.0* of this Plan.

Mr. Raúl Colón will be the Project Principal Engineer. Mr. Colón has more than 40 years of experience in environmental engineering and has successfully implemented and directed several remediation and site assessment projects in Puerto Rico. As the Project Principal Engineer, Mr. Colón will be responsible for the technical integrity, execution and direction of the project. Mr. Colón will be responsible for providing technical guidance to field personnel and for the final preparation and certification of the project report.

The field project manager will be Mr. Luis R. Colón Morales. Mr. Colón Morales is a professional engineer with more than 13 years of environmental experience. Mr. Colón Morales will be responsible of executing and supervision of the field activities.

Mr. Valentin Felix will act as the alternate field project manager and FSC. Mr. Felix is a chemical engineer with more than 35 years of environmental experience. Mr. Felix will replace Mr. Colon Morales in case that he cannot be present at the site. Mr. Felix will be responsible of executing and supervision of the field activities.

Other experienced and qualified CES personnel may be assigned by Eng. Colón to the project, as needed. We note that based upon the office work load at the time the proposed investigation is executed, CES reserves the right to assign other qualified professionals to act as the Project Manager and/or FSC for this work.

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### **7.0 ANALYTICAL PROCEDURES**

The laboratory analyses to be performed for this project have been determined based upon our understanding of the field conditions observed and the information obtained from the Phase I. The number and type of samples to be collected are summarized in *Table 1*.

*Table 2* shows the list of parameters with the corresponding analytical methods. The laboratory methods will conform to the SW-846 requirements. The soil samples, duplicates, and the blank samples will be analyzed for those parameters listed in *Table 2*.

Descriptions of the sample containers, preservative and holding time requirements for each analytical parameter listed above are included in *Table 3*.

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**8.0 PROPOSED TIME SCHEDULE**

The following is an estimated time schedule of the proposed activities:

<b><u>Task Description</u></b>	<b><u>Estimated Duration (Working Days)</u></b>
Project start-up	7 working days*
Field Activities	2-3 working days**
Laboratory Analyses	20 working days
Report Preparation	30 working days+

*Notes: \*after authorization  
\*\* after project set-up and site access is provided  
+ after receipt of the laboratory analytical results*

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**TABLES**

Work and Sampling Plan  
 Limited Phase II Detection Level Assessment Activities  
 Former Mechanical Shop  
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**TABLE 1**

**SUMMARY OF SOIL BORINGS AND LABORATORY ANALYSIS**

Area of Concern	Number of SB	Approx. Soil Boring Depth	No. Samples	Laboratory Analysis
Former Mechanical Shop	SB = 6	4	6 (one soil sample per boring)	TCL-VOCs TCL-SVOCs Full TPH Priority Pollutant Metals
Septic Tank	N/A	N/A	1 Liquid 1 Sludge	
Background Soil Sample	SB = 1	4	1 (one soil sample per boring)	Priority Pollutant Metals
Total	SB=7		7 soil samples 1 Liquid 1 Sludge	
QA/QC Sampling				
Sample	No. Samples			Laboratory Analysis
Trip Blank	2			TCL-VOCs TPH-GRO
Field Blank	2			
Equipment Blank	1			TCL-VOCs TCL-SVOCs Full TPH Priority Pollutant Metals
Duplicate	1			

Notes:  
 SB = Soil Boring

*Work and Sampling Plan  
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**TABLE 2**

**PARAMETERS AND ANALYTICAL METHODS**

<b>Parameter</b>	<b>Analytical Method</b>	<b>Sample Matrix</b>
TCL-VOCs	EPA Method 8260	Soil/Liquid
TCL-SVOCs	EPA Method 8270	Soil/Liquid
Full TPH	EPA Method 8015	Soil/Liquid
Priority Pollutant Metals	EPA Method 6010/7470	Soil/Liquid

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**TABLE 3**

**PARAMETERS COLLECTION REQUIREMENTS**

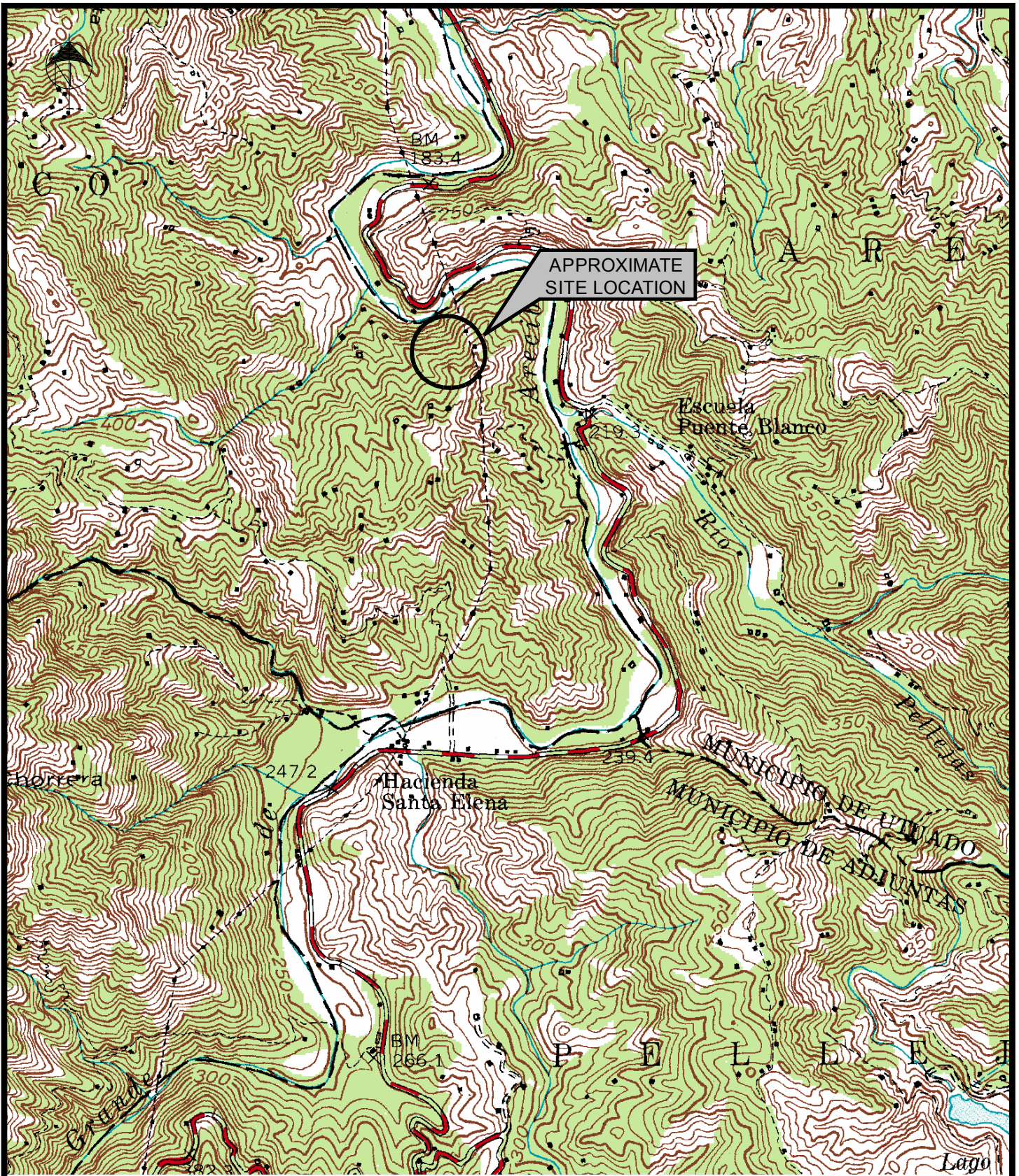
<b>Parameter</b>	<b>Container Liquid</b>	<b>Container Soil</b>	<b>Preservation Liquid</b>	<b>Preservation Soil</b>	<b>Holding Time Liquid (Days)</b>	<b>Holding Time Soil (Days)</b>
TCL-VOCs	3-40 ml vials	4 oz jar	Cool, HCl	Cool	14 days	14 days
TCL-SVOCs	2- 250 ml amber glass	4 oz jar	Cool	Cool	7 days	14 days
TPH DRO/ORO	2- 250 ml amber glass	4 oz jar	Cool	Cool	7 days	14 days
TPH-GRO	3-40 ml vials	4 oz jar	Cool, HCl	Cool	14 days	14 days
Priority Pollutant Metals	250 ml plastic	4 oz jar	HNO <sub>3</sub>	Cool	6 months 28 days Hg	6 months 28 days Hg

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**FIGURES**





SOURCE: USGS 7.5 MIN. TOPOGRAPHIC MAP OF ADJUNTAS  
 QUADRANGLE 1977 (PHOTOREVISED 1982)

SCALE: 1:20,000



WORK AND SAMPLING PLAN  
 LIMITED PHASE II DETECTION LEVEL  
 ASSESSMENT ACTIVITIES  
 FORMER MECHANICAL SHOP  
 PR-10 (UTUADO ADJUNTAS)  
 PROJECT - AC - 10069  
 GUADNICO WARD  
 UTUADO, PUERTO RICO

SITE VICINITY MAP

PROJECT  
 NO. 20-0008

FIGURE 1



LEGEND:

----- ESTIMATED MECHANICAL SHOP AND SURROUNDING AREAS



APPROXIMATE  
SCALE METERS



SOURCE: GOOGLE AERIAL PHOTOGRAPH DATED JUNE 28, 2009.

ALL LOCATIONS ARE APPROXIMATE AND ARE ACCOMMODATED TO FIT THIS FIGURE



WORK AND SAMPLING PLAN  
LIMITED PHASE II DETECTION LEVEL ASSESSMENT ACTIVITIES  
FORMER MECHANICAL SHOP  
PR-10 (UTUADO ADJUNTAS)  
PROJECT - AC-10069  
GUAÓNICO WARD





UTUADO, PUERTO RICO

2009 AERIAL PHOTOGRAPH AND  
FORMER MECHANICAL SHOP

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FIGURE 2

LEGEND:

-  ESTIMATED MECHANICAL SHOP AND SURROUNDING AREAS
-  PROPOSED SOIL SAMPLE APPROXIMATE LOCATION  
SB-1
-  PROPOSED LIQUID/SLUDGE SAMPLE APPROXIMATE LOCATION  
LIQ-1  
SLD-1
-  PROPOSED BACKGROUND SOIL SAMPLE APPROXIMATE LOCATION  
BKG



APPROXIMATE  
SCALE METERS



SOURCE: GOOGLE AERIAL PHOTOGRAPH DATED JUNE 28, 2009.

ALL LOCATIONS ARE APPROXIMATE AND ARE ACCOMMODATED TO FIT THIS FIGURE



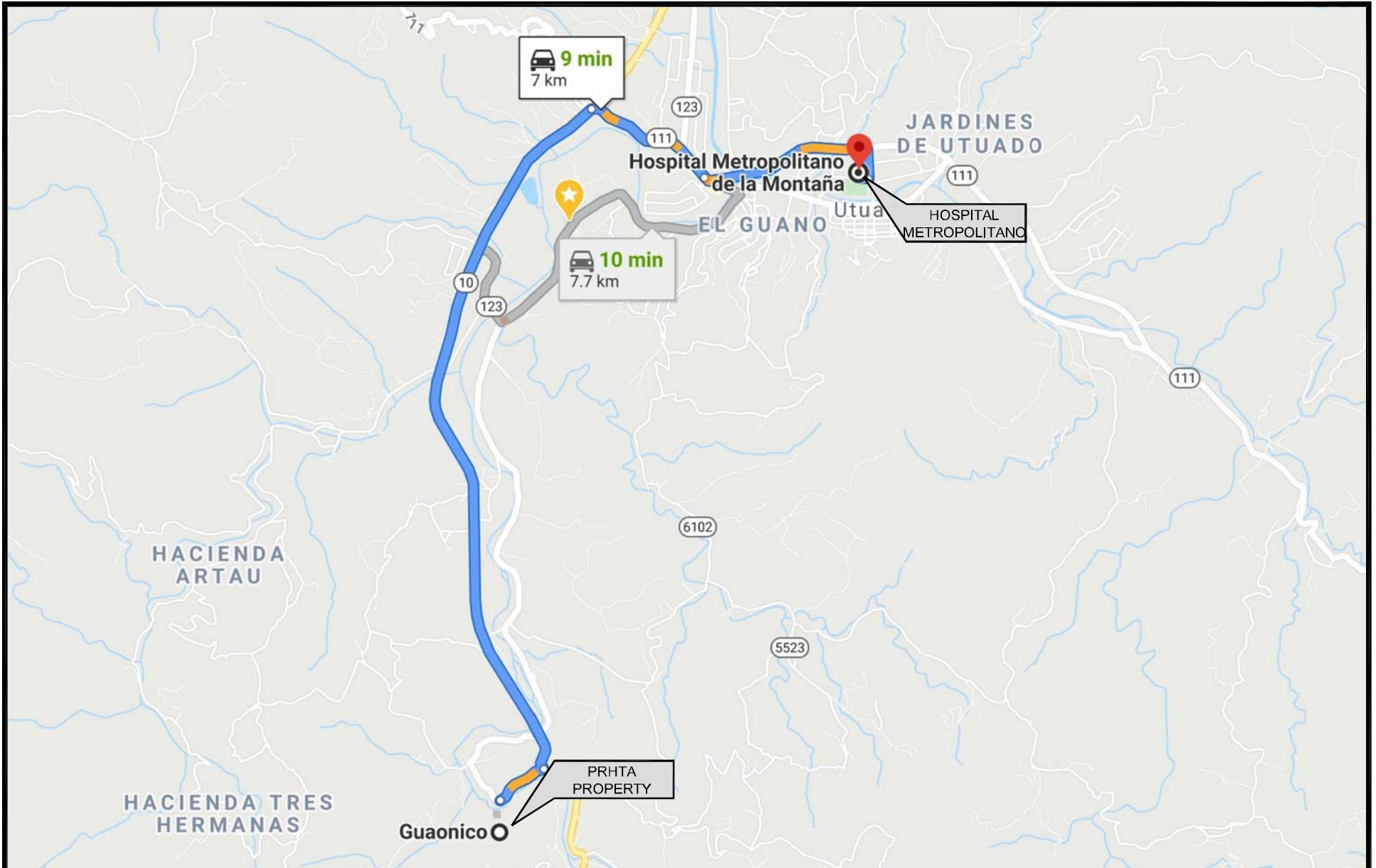
WORK AND SAMPLING PLAN  
LIMITED PHASE II DETECTION LEVEL ASSESSMENT ACTIVITIES  
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### PROPOSED SAMPLE LOCATIONS

PROJECT NO. 20-0008

FIGURE 3



SOURCE: GOOGLE AERIAL PHOTOGRAPH DATED JUNE 28, 2009.

ALL LOCATIONS ARE APPROXIMATE AND ARE ACCOMMODATED TO FIT THIS FIGURE



WORK AND SAMPLING PLAN  
 LIMITED PHASE II DETECTION LEVEL ASSESSMENT ACTIVITIES  
 FORMER MECHANICAL SHOP  
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 UTUADO, PUERTO RICO

ROUTE TO NEAREST HOSPITAL FACILITY

PROJECT NO. 20-0008

FIGURE 4

*Work and Sampling Plan  
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**APPENDICES**



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**APPENDIX 1**

**CES SOP 1000 - DECONTAMINATION**

## **SOP 1000**

### **DECONTAMINATION**

#### **I PURPOSE AND APPLICABILITY**

This SOP describes the methodology to be used for the decontamination of items which may become contaminated during field operations. Decontamination is performed as a quality assurance measure and as a safety precaution. It minimizes the possibility of cross contamination between samples and also helps maintaining a clean working area. Equipment that require decontamination may include hand tools, drilling tools, sampling equipment, monitoring and testing equipment, personal protective equipment, or heavy equipment (eg., loaders, backhoes, drill rigs, geo-probes, etc.).

Decontamination is achieved mainly by rinsing liquids which may include: soap, and/or detergent solutions, tap water, distilled water, organic solvent (i.e. isopropanol, methanol, hexane) and acids (i.e. nitric acid). Other rinsing liquids may be used depending upon the type of material being decontaminated and the availability of decontamination liquids. Equipment may be allowed to air dry after cleaning or may be wiped dry with paper towels or chemical-free cloths.

Sampling equipment will be decontaminated prior to use and between samples collection. Waste products derived by the decontamination procedures such as rinse liquids, solids, rags, gloves, etc. will be collected and disposed of properly based on their nature of contamination and site protocols. Reusable materials and/or equipment should be decontaminated or properly protected before being taken off site.

Specific project requirements as described in approved documents such as Work Plan, Sampling Plan, Quality Assurance Project Plan or Health & Safety Plan will take precedence over the procedures described in this SOP.

#### **II RESPONSIBILITIES**

It is the responsibility of the field sampling coordinator to ensure that proper decontamination procedures are followed by CES' sampling personnel and that waste materials produced by decontamination are properly managed and left on site under the client's custody. It is the responsibility of any subcontractors (e.g., drilling or sampling contractors) to follow the designated decontamination procedures stated in their contracts or outlined in the project H&S Plan.

#### **III SUPPORTING MATERIAL**

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The following materials may be on hand in sufficient quantity to ensure that proper decontamination methods and procedures may be followed:

- Cleaning liquids as necessary and dispensers (soap and/or detergent solutions, tap water, distilled water, methanol, or isopropyl, nitric acid - 10% solution, etc.)
- Personal safety gear, as defined in the project H&S Plan
- Paper towels or chemical-free cloths
- Waste storage containers (e.g., drums, boxes, plastic bags)
- Drum labels if necessary
- Cleaning Containers (e.g., plastic and/or stainless steel bowls or buckets)
- Cleaning brushes
- Plastic sheeting

#### **IV METHODOLOGY**

The extent of visual contamination will determine the degree of decontamination required. If the content of contamination cannot be readily determined, cleaning should be done according to the assumption that the tools are highly contaminated.

The standard procedure presented below describes the sequence of a complete field decontamination protocol. The following process may be varied as described in the project plans and/or as required for the type of contaminant that should be removed. If different technical procedures are required for a specific project, they should be described in the project plans. Such variations in decontamination may include all or an expanded scope of the decontamination procedure included in this SOP.

- Remove gross contamination from the tools equipment by scrubbing and brushing, followed by rinsing with tap water.
- Wash with a phosphate free detergent or soap solution (e.g., Alconox and tap water).
- Rinse with tap water.
- Rinse with a 10% nitric acid solution (if regulated metals are concerned).
- Rinse with distilled water.
- Rinse with isopropyl alcohol or methanol.
- Rinse with distilled water.
- If necessary, repeat entire procedure or any parts of the procedure to ensure proper decontamination process.
- After decontamination procedure is completed, place tools/equipment over protected surface (i.e. over: aluminum foil velostat bag, chemical free cloth) to avoid re-contamination.
- Allow to air dry or wipe off with paper towel or chemical free cloth.

Bore hole drilling equipment such as augers, split spoons and Shelby tubes may be decontaminated with pressurized hot water or steam or by scrubbing and brushing with a detergent, followed by a



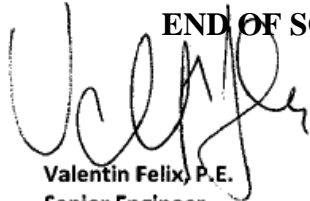
fresh water rinse. No additional decontamination will be required if the equipment appears visually clean. If evident contamination is observed after hot water/steam cleaning, the equipment will be decontaminated by scrubbing or brushing with a detergent.

## **V QA/QC PROCEDURES**

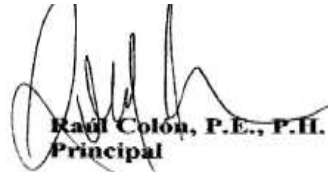
To assess the adequacy of decontamination procedures, rinsate blanks should be collected and analyzed for the same parameters as the field samples. The specific number of blanks will be defined in the project sampling or work plans.

## **VI DOCUMENTATION**

Field notes describing the procedures used to decontaminate tools and equipment, personnel conducting the decontamination and description of blank samples taken will be documented by on-site personnel in a dedicated field log or notebook. Field notes will be kept in the project files.

**END OF SOP 1000**  
  
**Valentin Felix, P.E.**  
**Senior Engineer**

Prepared by:

  
**Raúl Colón, P.E., P.H.**  
**Principal**

Revised and approved by:

*Work and Sampling Plan  
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**APPENDIX 2**

**CES SOP 1200 – FIELD LOG BOOK**

## **SOP 1200**

### **FIELD LOGBOOK**

#### **I PURPOSE AND APPLICABILITY**

This SOP describes the methodology to be used for keeping a field logbook. A field logbook or any other similar field record will be kept for every project that requires the execution of field activities.

Specific project requirements as described in approved documents such as Work Plan, Sampling Plan, Quality Assurance Project Plan or Health & Safety Plan will take precedence over the procedures described in this SOP.

#### **II RESPONSIBILITIES**

The field logbook is issued by the Project Professional (or his designee) to the Site Coordinator for the duration of the project. The Site Coordinator may release the field logbook to his designer responsible for the direction of on-site activities. It is the responsibility of the site Coordinator (or his designee) to keep the field logbook current while in his possession and return it to the Project Professional upon completion of field activities. The field logbook will be kept in a secure place during the field activities. A field logbook should not be kept in a personal file, desk, automobile, or other location except during actual use. Following the completion of fieldwork, the field logbook will be returned to the Project Professional for inclusion in the job file.

#### **III SUPPORTING MATERIAL**

The following materials should be available prior to initiating field activities:

- Bound notebook with sewn up pages or similar field record
- Ballpoint pen and/or water resistant pen

#### **IV METHODOLOGY**

##### **IV.1 General**

The cover of each project logbook will contain the following information:

- Project name
- Project number
- Project Principal, Project Professional and Site Coordinators names, if different and phone numbers
- Sequential book number, if more than one log book is required
- Start date of field activities

- Completion date of field activities

Daily entries into the logbook may contain different types of information. However, the following information must be recorded for each field working day.

- Date
- Arrival time
- Weather conditions, if appropriate
- All field personnel present
- Any visitors present
- Departure time

During the day a summary of site activities should be recorded in the logbook. The level of personal protection used should be included in the logbook and if any changes to the protection is made during the course of the field activities it should also be documented in the logbook. At a minimum, the following activities/events will be recorded in the site logbook:

- Arrival/departure of site visitors
- Arrival/departure of equipment
- Sample pickup data
- Sampling activities summary
- Start or completion of borehole/trench/monitoring well installation or sampling activities
- Health and Safety issues, if appropriate

If measurements are made at any location, the measurements and equipment used must be recorded in the field logbook or reference must be made to the logbook and page number(s) on which they are recorded.

All entries will be recorded in non-erasable ink (if available waterproof). No erasures or “white outs” should be entered in the book. If incorrect information is entered, this information will be crossed out with strike marks, initialed, and dated by the person making the correction. As necessary, entries should be dated and timed of entry recorded. The field notes portion of the logbook should be completed in a sequential order. No blank pages should be found within the daily notes section of the logbook. At the end of each day of activity, or entry of a particular event if appropriate, the field individual responsible for the logbook should draw a diagonal line at the conclusion of the entry and sign at the end of the page indicating the conclusion of the entry or the days activities.

All entries in the field logbook shall be dated, be legible and contain accurate and inclusive documentation of an individual's project activities. Since field records are the basis for later written report, language should be objective, factual and free of personal feeling or other terminology which might prove inappropriate.

## **IV.2 Sampling**

When field activities includes sampling, sample collection and handling as well as visual observations shall be documented in the field logbook. Sample collection equipment (where appropriate), field analytical equipment, and equipment to make physical measurements shall be identified in the field logbook. Calculations, results, and calibration data for field sampling field analytical, and field physical-measurement equipment shall also be recorded in the field logbook. All field analyses and measurements must be traceable to the specific piece of field equipment used and to the field team personal collecting the sample, making the measurement or analyses.

For sampling activities, specific details for each sample must be recorded on designated sampling form or the field logbook. In addition to the items listed above, the following information may need to be included as appropriate in the logbook:

- Type and number of samples collected
- Sample location and identification number
- Sample collection date and time
- Laboratory analysis required per sample
- Sampling methodology and tools equipment used
- Deviations from the work plan or the SOP, if appropriate
- Chain of custody data
- Sampling, handling and packaging labeling and shipping information, including destination

## **IV.3 Photographs**

The record of photographs taken at a site for the purpose of project documentation must be included in the field logbook or any other suitable record for further identification of the photographs. The information that should be recorded may include photographer name, date, time, site locations, site description and orientation of the photograph. The photographer is not required to record the aperture settings and shutter speeds for photographs taken. The use of special lenses, films, filters and other image enhancement techniques other than the ones that are normally part of the equipment used, should be avoided. If any additional special device is used, it should be described in the logbook with an explanation of the reasoning of using such device. Adequate logbook notations and receipts should be used to account for routine file processing. Once processed, the slides or photograph should be described and identified and the information placed on the back of each photograph or in the photograph documentation form.

If a digital camera is used photographs should be download into the CES central computer, on a frequent basis or at the end of the field activities, at a folder created for the project. Digital photographs should not be managed or altered except for the printout of the photograph at a suitable scale. Copies of the photographs should be printed and a description of each photograph or group of photographs should be included and kept on the project file.

## **V REFERENCES**

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Environmental Protection Agency, 1987, REM III Program Guidelines, Field Technical Guideline 13.03, Region. II

Environment. Protection Agency 1987, A Compliance of. Superfund Field Operation Methods EPA-540001.

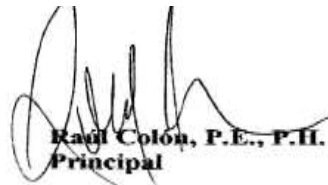
**END OF SOP 1200**

Prepared by:



**Valentin Felix, P.E.**  
**Senior Engineer**

Revised and approved by:



**Raúl Colón, P.E., P.H.**  
**Principal**

*Work and Sampling Plan  
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### **APPENDIX 3**

**CES SOP 1300 – SAMPLE IDENTIFICATION AND CHAIN OF CUSTODY**

## **SOP 1300**

### **SAMPLE IDENTIFICATION AND CHAIN OF CUSTODY**

#### **I PURPOSE AND APPLICABILITY**

This SOP describes the methodology to be used during field sampling activities for sample identification, sample control chain-of-custody and document control.

A sample is defined as physical evidence collected from a facility, site, or the environment. For the purposes of this section, the term "physical evidence" also includes photographs, records, or any other tangible article collected from the environment, facility, or site.

All sample identification, field records, and chain-of-custody records shall be recorded in ink and if available waterproof non-erasable ink. If errors are made in any of these documents, responsible personnel will make corrections by simply crossing lines through the error and entering the correct information. All corrections shall be initialed and dated by the author of the correction.

Specific project requirements as described in approved documents such as Work Plan, Sampling Plan, Quality Assurance Project Plan or Health & Safety Plan will take precedence over the procedures described in this SOP.

#### **II RESPONSIBILITIES**

It is the responsibility of the field sampling coordinator to ensure that proper sample identification and chain of custody procedures are followed.

#### **III SUPPORTING MATERIAL**

The following materials may be on hand in sufficient quantity to ensure that proper methods and procedures are followed:

- Sample containers and labels
- Chain of custody forms
- Waterproof indelible pens or ink pens



## **IV METHODOLOGY**

### **IV.1 Sample and Evidence Identification**

#### **IV.1.1 General**

The method of sample identification utilized depends on the type of sample collected. Samples collected for in-situ field analyses are those collected for specific field analyses or measurements where the data are recorded directly in bound field logbooks or recorded directly on the Chain-of-Custody Record, with identifying information, while in the custody of the sampling team. Examples of such in-situ field measurements and analyses include, but are not limited to, pH, temperature, and conductivity. Also included in this category are those field measurements or analyses such as flow measurements, geophysical measurements, surveying measurements, etc. that are made with field instruments or analyzers, where no sample is actually collected.

#### **IV.1.2 Sample Identification**

Samples, other than those collected for in-situ field measurements or analyses, are identified by using a standard sample label which is attached to the sample container. In some cases, particularly with biological samples, the sample label may have to be included with or wrapped around the sample. The sample labels are sequentially numbered and are accountable documents after they are completed and attached to a sample or other physical evidence. The following information may be included on the sample label:

- Project name
- Sample identification number
- Date and time of sample collection
- Designation of the sample as a grab or composite
- Type of sample (water, wastewater, leachate, soil, sediment, etc.) and sample source
- Name or initials of the sampler(s) or of the designated sampling team leader (a team leader is a field investigator assigned by the project leader to be present during the collection of a specific sample and to be responsible and knowledgeable of all activities directly related to the collection of that sample)
- Sample preservative
- Analyses to be conducted
- Any relevant comments (such as readily detectable or identifiable odor, color, or known toxic properties)

Other information may be added or some of the information listed above may be omitted based upon site conditions encountered, without affecting the traceability of the sample collection process.

The sample identification number is assigned by the project professional or field coordinator. This number is ordinarily an alpha-numeric identification or any other unique identification designed for a

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particular inspection or investigation. For example, if a sample is collected from a monitoring well installed during a site screening investigation conducted at the ABC Company, the alpha-numeric sample identification number could be ABC-MW-1. A surface soil sample from this facility might be identified as ABC-S-1. Each separate monitoring location should have a different numerical designation. Frequently, water and sediment samples are collected from the same sampling station and could have the same numerical designation. For example, water and sediment samples collected from the same location in the Plata River at Station 001 could be identified as PR-W-1 and PR-S-1, respectively. The project professional or field coordinator shall exercise due caution to insure that sample identification numbers are not duplicated during studies. The exact description of all sampling stations associated with the sample identification numbers shall be documented in the bound field logbooks.

If a sample is split with a facility, state regulatory agency, or other party representative, sample labels with identical information should be attached to each of the sample containers by the party receiving the split sample. Also, all labels for blank or duplicate samples will be marked "blank" or "duplicate," respectively. This requirement does not apply to "blind" spiked or blank samples which are to be submitted for laboratory quality control purposes. "Blind" spiked or blank samples shall not be identified as such. The identifying information and correlation to split, duplicate and blind samples, shall be recorded in the bound field logbooks. This information shall also be recorded on the Chain-of Custody Record, except for blind samples.

#### **IV.1.3 Identification of Physical Evidence**

Physical evidence, other than samples, shall be identified by utilizing a sample tag or recording the necessary information on the evidence. When samples are collected from vessels or containers which can be moved (barrels for example), the field coordinator shall mark the vessel or container with a pre-assigned container identification number or sample identification number for future identification, if necessary. The vessel or container shall be marked by utilizing a sharp instrument, spray paint or similar system. The vessel or container need not be marked if it already has a unique marking or serial number; however, these numbers shall be recorded on the sample tag and in the bound field logbooks. In addition, photographs may be collected of any physical evidence (markings, etc.) and the necessary information recorded in the field logbook.

Occasionally, it is necessary to obtain recorder and/or instrument charts from facility owned analytical equipment, flow recorders, etc., during field investigations and inspections. Field investigators should mark the charts and write the following information on these charts while they are still in the instrument or recorder (along with the field coordinator initials):

- If possible, starting and ending time(s) and date(s) for the chart
- If possible, the field coordinator shall take an instantaneous measurement of the media being measured by the recorder. The instantaneous measurement shall be entered at the

appropriate location on the chart. The field coordinator shall enter the date and time of the measurement and then enter his/her initials

- A description of the location being monitored and any other information required to interpret the data such as type of flow device, chart units, factors, etc.

After the chart has been removed, the field coordinator shall indicate on the chart who collected the chart (or copy of the chart) who received it and enter the date and time, as well as the field coordinator initials.

Documents such as technical reports, laboratory reports, etc., should be marked with the field coordinator's signature, the date, the number of pages, and from whom they were received.

## **IV.2 Chain-of-Custody Procedures**

### **IV.2.1 General**

The possession of samples or other physical evidence shall be traceable from the time they are obtained until the project is completed.

### **IV.2.2 Sample Custody**

A sample or other physical evidence is in custody if:

- It is in the field coordinator's or the transferee's actual possession; or
- It is in the field coordinator's or the transferee's view, after being in his/her physical possession; or
- It was in the field coordinator's or the transferee's physical possession and then he/she secured it to prevent tampering; or
- It is placed in a designated secure area

### **IV.2.3 Chain-of-Custody Record**

The field Chain-Of-Custody Record, provided by the laboratory designated to perform required the analysis, will be used to record the custody of all samples or other physical evidence collected and maintained by field personnel. The Chain-Of-Custody Record also serves as a sample logging mechanism for the sample custodian.

Usually the following information is supplied to complete the field Chain-Of-Custody Record.

- Project number
- The project name

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- All samplers and /or sampling coordinator must sign in the designated signature block
- The sample identification number for each sample and any needed remarks are to be supplied in the indicated column
- The sample identification number, date, and time of sample collection, grab or composite sample designation, and a brief description of the type of sample and the sampling location must be included on each line (each line shall contain only those samples collected at a specific location)
- The sampling coordinator's name should be recorded in the right or left margin of the Chain-Of-Custody Record when samples collected by more than one sampling team are included on the same form. The sampling coordinator is an individual designated by the project professional or project principal to be responsible for all activities related to the collection of samples by a specific team of sampling personnel
- The total number of sample containers must be listed in the indicated space for each sample. The total number of individual containers must also be listed for each type of analysis under the indicated media or miscellaneous columns. Note that it is impossible to have more than one media type per sample
- The field coordinator and subsequent transferee(s) must document the transfer of the samples listed on the Record in the spaces provided at the bottom of the Record. One of the samplers documented under the sampler(s) section must be the person that originally relinquished the samples or evidence or a designated field sample custodian who receives secured samples from sampling teams and maintains these samples under secure conditions. Both the person relinquishing the samples and the person receiving them must sign the form; the date and time that this occurred must be documented in the proper space on the Record. Usually, the last person receiving the samples or evidence should be a laboratory sample custodian or other evidence clerk
- The remarks column at the bottom of the Record is used to record air bill numbers, registered or certified mail serial numbers or other pertinent information (i.e., specific instructions to be laboratory)

The above listed information may vary depending on the chain-of custody form provided by the laboratory. The Chain-Of-Custody Record is a serialized document. Once the Record is completed, it becomes an accountable document and must be maintained in the project file. The suitability of any other form for chain-of-custody should be evaluated based upon its inclusion of all of the above information in a legible format.

#### **IV.2.4 Field Custody Procedures**

- To simplify the Chain-Of-Custody Record and eliminate potential litigation problems, as few people as possible should handle the sample or physical evidence during the investigation or inspection
- The field coordinator is responsible for the proper handling and custody of the samples collected until they are properly and formally transferred to another person or facility
- Sample labels shall be completed for each sample, using ink pens or waterproof non-erasable ink pens.
- All samples shall be sealed immediately upon collection. If appropriate custody seals should be put on each sample container. The field coordinator may write the date and his/her signature on the seal. This requirement shall be waived if the field coordinator keeps the samples in his/her continuous custody from the time of collection until they are delivered to the laboratory analyzing the samples.
- All samples must be documented in bound field logbooks or similar recording form.
- A Chain-Of-Custody Record will be completed for all samples or physical evidence collected. A separate Chain-Of-Custody Record will be utilized for each final destination or laboratory utilized during the investigation
- In general, project personnel shall not accept samples from other sources unless the sample collection procedures used are known to be acceptable, can be documented, and the sample chain-of-custody can be established. If such samples are accepted by the project principal, a standard sample label containing all relevant information and the Chain-Of-Custody Record, shall be completed for each set of samples

#### **IV.2.5 Transfer of Custody and Shipment**

- All physical evidence or sample sets shall be accompanied by a Chain-Of-Custody Record. When transferring the possession of samples, the individual receiving the samples shall sign, date, and note the time that he/she received the samples on the Chain-Of-Custody Record. This Chain-Of-Custody Record documents transfer of custody of samples from the field coordinator to another person, to the selected laboratory, or other organizational elements.
- Samples shall be properly packaged for shipment and delivered or shipped to the designated laboratory for analysis. If samples are to be shipped, shipping containers may be secured, as necessary, by using nylon strapping tape and custody seals. The custody seals shall be placed on the container so that it cannot be opened without breaking the seals. The seal shall be signed and dated by the field coordinator
- When samples are split with a facility, state regulatory agency, or other government agency, a facility, state regulatory agency, or other government agency representative receiving the samples should sign the Chain-Of-Custody Record.

- All samples shall be accompanied by the Chain-Of-Custody Record. The original and one copy of the Record will be placed in a plastic bag inside the secured shipping container if samples are shipped. One copy of the Record will be retained by the field coordinator or project professional. The original Record will be transmitted to the field coordinator or project professional after samples are accepted by the laboratory. This copy will become a part of the project file.
- If sent by mail, the package shall be registered with return receipt requested. If sent by common carrier an Air Bill should be used. Receipts from post offices, and copies of Air Bills shall be retained as part of the documentation of the chain-of-custody. The Air Bill number, or registered mail serial number shall be recorded in the remarks section of the Chain-Of-Custody Record or in the field logbook.

## **V QA/QC PROCEDURES**

Any required QA/QC procedure applicable to the sample identification and chain of custody activities, if applicable, should be defined in the project sampling or work plans.

## **VI DOCUMENTATION**

Field notes describing the procedures used and data obtained during sample identification and chain of custody activities will be documented by on-site personnel on a dedicated field log or notebook. We note that information included in the sampling and chain of custody forms may not need to be repeated in the field logbook. Field notes will be kept in the project files.

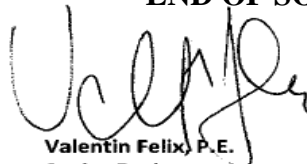
## **VII REFERENCES**

Environmental Protection Agency, 1987, REM III Program Guidelines Field Technical Guidelines, Region II

Environmental Protection Agency, 1987, A Compendium of Superfund Field Operations Method, EPA 540-001

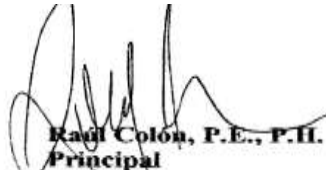
**END OF SOP 1300**

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*Work and Sampling Plan  
Limited Phase II Detection Level Assessment Activities  
Former Mechanical Shop  
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CES Project No. 20-0008*

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**APPENDIX 4**

**CES SOP 2000- SOIL SAMPLE COLLECTION**



## **SOP 2000**

### **SOIL SAMPLE COLLECTION**

#### **I PURPOSE AND APPLICABILITY**

This SOP describes the methods used in obtaining soil samples for physical testing, lithological description and chemical analysis. Soil samples are obtained in conjunction with surface sampling, test pit excavation, soil borings, monitoring well installation and underground injection facilities sampling. The procedures included herein provide direct information as to the physical makeup of the surface and subsurface environment as well as to estimate the extent of the potential presence of chemical constituents of concern (CCOC) at selected project site areas, if present. This SOP will discuss sampling of the surface material with hand tools and sampling of the subsurface material by using augers and split spoons, direct push equipment and within test pits using backhoes and hand tools.

Specific project requirements as described in approved documents such as Work Plan, Sampling Plan, Quality Assurance Project Plan, or Health & Safety Plan will take precedence over the procedures described in this SOP.

#### **II RESPONSIBILITIES**

The project professional will be responsible for the proper use and maintenance of the types of equipment used for obtaining soil samples. The project professional will determine the location, total depth, and overall size of each surface sample collection point and test pit, and the location and depth of all subsurface borings based on the project specific sampling and/or work plans. CES will make every effort possible to prevent affecting underground utilities during sample collection. However, CES will not be responsible for underground utilities not properly shown by the client on accurate drawings or marked on the field. Prior to initiating sample collection activities, the location of overhead utilities and potential obstructions relative to the sampling locations will be assessed by the project professional.

It shall be the responsibility of the project professional to observe all activities pertaining to soil sampling and subsurface investigations to ensure that the standard procedures are followed properly, and to record all pertinent data on a field log or field book. The collection, handling, and storage of all samples will be the responsibility of the project professional.

It is the responsibility of the contractors, if any is used, or the project professional to provide the necessary equipment for obtaining subsurface samples in borings and for the decontamination of the equipment, test pit construction, split-spoon sampling, and subsurface augering. In addition, the contractor, if used, or the project professional will be responsible for containment of drill cuttings and decontamination wash waters, if required.

### **III SUPPORTING MATERIALS**

In addition to materials provided by the contractor or by CES, the following materials may be available at the sampling location:

- Sample bottles/containers and labels
- Boring or test pit logs
- Field notebook
- Chain of custody forms
- Depth-measurement device
- Stakes and/or fluorescent flagging tape
- Decontamination solutions and/or equipment
- Digital Camera
- Sampling equipment (e.g., knives, spoons, shovels, hand auger, aluminum foil, and plastic garbage bags)

### **IV METHODOLOGY**

Sampling equipment and methodology will be dictated by the characteristics of the soil to be sampled, the type of soil samples required and by the analytical procedures to be employed. Soil samples obtained at the surface may be collected using a shovel, stainless steel spoon, hand auger or any other suitable device. A hand auger can be used to extract shallow soil samples up to 10 feet below the surface. Sampling to obtain uniform coverage within a specified area may require the use of an area grid. If this type of sampling is required, it will be conducted following project specific requirements as described in the project sampling and/or work plans.

There are two types of samples that may be required by the project sampling plan: grab or composite. A grab sample is collected from a specific location or depth and placed in the appropriate sample container. A composite sample consists of several discrete locations (or depths) mixed to provide a homogeneous, representative sample. To ensure that the sample is representative, the soil volume and collection method from each discrete location should be as identical as possible. We note that samples analyzed for volatile organic compounds cannot be composited to minimize the loss of volatile components due to exposure of the soil to the atmosphere prior to transfer into the sample container.

The sampling depth interval in borings is typically one sample for every four feet with additional samples taken at the discretion of the project professional when significant color, textural, or odor changes are encountered. Alternatively, soil samples can be obtained continuously using power augers and split spoons or direct push technology. Typically, the soil sample method is described in the project specific plans. If not, the project professional can select the method that best fit the project conditions.

Prior to commencing subsurface exploration, CES will work with the client or his representative to locate any subsurface utilities or structures. However, CES will not be responsible for damages to underground utilities not properly identified by the client or his representative. Overhead lines must also be kept in consideration when a drilling rig is used. As a rule of thumb, the rig and derrick should be at least 25 feet away from overhead lines unless special shielding and grounding are provided.

#### **IV.1 General**

General locations should be mapped by the field professional using a stationary reference point. Specific locations for test pits and sampling locations will be documented by surveys or by using topographic maps and/or plans. A preliminary log of the test pit, or boring shall be prepared in the field by the field professional. A sketch of the test pit may be necessary to depict the strata encountered. Before measuring the depth to groundwater, if encountered, the field professional will allow sufficient time for stabilization of the water table in the excavation or boring. All information shall be recorded on the field log or the field book.

#### **IV.2 Surface Sampling**

Prior to surface sampling, remove all surface materials that are not to be included in the sample such as rocks, debris, and leaves. For sample collection within the upper two to three feet use a shovel, spoon, trowel, hand auger or similar device. When using the hand auger, auger the hole to the required depth, then slowly remove the auger and collect the soil sample from the auger flight or auger bucket at the point corresponding to the required depth. A tube sampler can be attached to the auger rods after angering to the desired depth, inserted into the open borehole, and then advanced into the soil at the base of the boring. If sampling is in sandy or noncohesive soil, a shovel may be necessary to collect samples. Sample logging as described in Section IV.5. Alternatively, shallow soil samples can be collected using direct push technology.

Photographs of specific geologic features or sample location may be required for documentation purposes. A scale or device providing a size perspective may be placed in each photograph, if necessary. The frame number and picture location should also be documented in the field book or any other sample identification to reference to the picture. Equipment used shall be decontaminated following CES SOP 1000 between sample locations unless otherwise specified in the project specific sampling and/or work plans.

#### **IV.3 Test Pit Excavation and Sampling**

The test pits shall be excavated in compliance with applicable safety regulations. Walls should be cut as near vertical as possible to facilitate stratigraphic logging. Field personnel will not enter an open test pit deeper than four feet without shoring or benching present. Samples shall be collected from the backhoe bucket with a spoon or similar device from the side of the test pit wall or bottom (depending upon the depth of the test pit and the safety precautions in place). The size, depth, and orientation of the test pit shall be recorded on a test pit log of field book. Sample logging is

described in Section IV.5.

Photographs of specific geologic features or sample location may be required for documentation purposes. A scale or device providing a size perspective may be placed in each photo, if necessary. The frame number and picture location shall also be documented in the field book or any other appropriate location for further photo referencing.

The test pit shall be inspected and the test pit log reviewed to ensure that all the appropriate and/or required data and samples have been collected. Test pits will be backfilled to original grade and compacted. Equipment used shall be decontaminated following CES SOP 1000 between sample locations unless otherwise specified in the project specific sampling and/or work plans.

#### **IV.4 Subsurface Sampling**

Borings are typically advanced by two methods: augering or direct push techniques. The hollow stem augers shall be of the flush-joint or flush-couple type and of sufficient size to allow for soil sampling, coring, and/or well installation. All casing sections shall be straight and free of any obstructions. Hollow-stem augers or solid-flight augers with casing may be used according to specific project requirements. Direct push requires macro-cores of a selected diameter that is pushed into the ground by a Geo-Probe or similar drilling equipment.

Generally subsurface soil samples shall be obtained using a split type sampler (split spoon) or disposal plastic liners, however, other devices (Shelby tubes, core, etc.) may be used as specified in the project specific sampling and/or work plans. If augering methods are used samples shall be obtained using the standard penetration test (SPT), which allows for qualitative determination of mechanical properties and aids in identification of material type. The number of hammer blows shall be recorded on the boring log for each 6-inch drive distance.

The split spoon shall be opened immediately upon removal from the casing. If the recovery is inadequate (i.e. sampling material is not retained in the sampler), a note will be included on the boring log stating that “no recovery” was obtained at that particular depth. In the event that gravel, rocks or other material prevent penetration by the split spoon, samples may be collected from the auger flights. Slowly remove the auger and collect the sample at the point corresponding to the required depth. Samples collected in this manner must be documented on the boring log. Sample logging is described in Section IV.5.

Disposable plastic liners used in the direct push macro-core shall be either cut immediately upon removal from the core or capped at both ends for later cutting. If the recovery is inadequate (i.e. sampling material is not retained in the sampler), a note will be included on the boring log stating that “no recovery” was obtained at that particular depth. Sample logging is described in Section IV.5. If volatile organic compounds or semi-volatile organic compounds are of concern, as soon as the plastic liner is opened, organic vapors will be measured using a Photo Ionization Device (PID) or similar field screening device/equipment.

To obtain the most representative monitor reading, use a dedicated wooden “tongue depressor” stick or decontaminated stainless-steel spoon, knife or other appropriately constructed device and make a longitudinal score deep enough to expose a porous surface the length of the core. Or optionally, make very small divots at six-inch intervals to expose a porous surface. Simultaneously, place the probe of the PID immediately above the opened area being careful not to touch the sample, and move the probe slowly above the lateral scoring and note any peaks. Record results of peaks in 6-inch intervals to determine sample location. Instrument readings will be biased low and not representative of in-situ conditions if the soil core is not scored or inner core not exposed for proper field screening. If, instead of a dedicated wooden stick a reusable steel spoon or similar non-dedicated equipment is used to make the small cutting on the retrieve soils, this equipment will be properly decontaminated before cutting the soils.

Photographs of specific geologic features or sample location may be required for documentation purposes. A scale or device providing a size perspective may be placed in each photograph, if necessary. The frame number and picture location shall also be documented in the field book or other appropriate place for further photograph referencing. Equipment used will be decontaminated following CES SOP 1000 between sample locations and sample depths unless otherwise specified in the project specific sampling and/or work plans.

Upon completion of the boring, backfill may be required. The backfill may consist of native material, hydrated bentonite chips/pellets, Portland cement/bentonite grout, or other low permeability material as specified in the project specific sampling and/or work plans.

#### **IV.5 Sample Logging**

As applicable, the following information should be included in the field logs to ensure that a description of soil or rock material is reliable and representative of field conditions encountered:

- Soil or rock type
- Depth ranges
- Grain size
- Moisture
- Organic Vapor Equipment reading
- Visual presence of chemical compounds
- Remarks

Examples of soil would be gravel, sand, silt, and clay. The soil types should be based on the Unified Soil Classification System (USCS). We note that soil classifications made in the field may be subject to change based upon laboratory test or further sample evaluation by qualified professionals. Grain size and other physical characteristics should be included on the log if they are visibly discernible. In addition to composition, blow counts (if collected) and the length of the sample recovered should also be recorded on the Sampling log. The degree of sample moisture should be described as wet, dry and moist.

The color(s) or range of color(s) of the soil or rock type should be defined. If a Munsell color chart is used, the number designation of the color will also be recorded in the description. The degree of visual presence of potential chemical compounds in the sample should also be noted in the sample log. The potential presence of contamination should be noted as high (greater than 40 %), medium (15-40 %), low (1-15 %), or none. If the potential chemical compound could be assessed a note regarding the type of chemical compound should be noted in the sample log.

Remarks may include anything pertinent to the sample description or sample collection that is not described above. Other information that can be placed on the logs as appropriate is:

- Appearance of potential contamination (consistency)
- Degree of fracturing or weathering in the rock
- Drilling equipment used (rod size, bit type, pump type, rig manufacturer and model, direct push equipment, etc.)
- Special problems and their solution (hole caving, recurring problems at a particular depth, sudden tool drops, excessive grout take, drilling fluid losses, lost casing, etc.)
- Dates for start and completion of boring
- Depth of first encountered free water and
- Definitions of special abbreviations used on log

#### **IV.6 Sample Handling**

Procedures regarding to the handling and shipment of samples shall be in accordance with CES SOP 1100. A clean pair of gloves and decontaminated sampling tools will be used when handling the sample during collection to minimize the possibility of cross contamination. A representative sample will be placed in the sampling container. Sample containers (jars or bags) should have at least the following information on the label:

- Client or project name, or unique identifier, if needed
- Unique sample description (i.e., test pit, boring, or sampling point number and horizontal/vertical location)
- Sample collection date and time
- Sampler's name or initials and
- Analyses to be performed

These data shall also be recorded on the field logs and/or field book. Larger, bulk samples shall be placed in cloth bags with plastic liners or plastic 5-gallon buckets. Sample bags shall be marked with at least the information listed above.

## **V QA/QC PROCEDURES**

QA/QC requirements include but are not limited to field duplicates, trip blanks, rinse blanks and field blanks. In general, field duplicates will be collected on a frequency of one QA/QC sample per 20 field samples, trip blanks one per samples shipment, field blanks one per day of sampling and rinse blanks one per reusable equipment used. However, the collection of the QA/QC samples are typically described in the project specific sampling and/or work plans.

## **VI DOCUMENTATION**

Documentation may consist of all or part of the following:

- Test pit or boring log
- Sample log forms
- Chain-of custody forms
- Shipping receipts

All documentation shall be placed in the project files and retained following completion of the project.

## **VII REFERENCES**

Procedures Manual for Groundwater Monitoring at Solid Waste Disposal Facilities, United States Environmental Protection Agency, Office of Water and Waste Management, SW-611, 1977.

Water Quality Monitoring at Solid Waste Disposal Sites in Minnesota, Minnesota Pollution Control Agency, Solid Waste Division, 1979.

Manual of Ground-Water Sampling Procedures, United States Environmental Protection Agency, Robert S. Kerr Environmental Research Laboratory, 1981; and Waste Management, SW-611, December 1980.

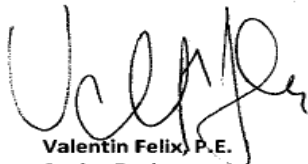
Handbook of Suggested Practices for the Design and Installation of Ground-Water Monitoring Wells, EPA 600/4-89/034, published by National Water Well Association. 1989.

RCRA Ground Water Monitoring Technical Enforcement Guidance Document, published by National Water Well Association, 1986.

Field Sampling Procedures Manual, New Jersey Department of Environmental Protection August 2005

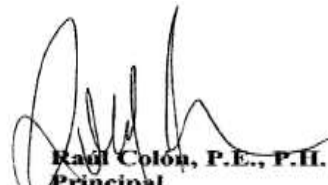
**END OF SOP 2000**

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Revised and approved by:



**Raul Colon, P.E., P.H.**  
**Principal**



*Work and Sampling Plan  
Limited Phase II Detection Level Assessment Activities  
Former Mechanical Shop  
PR-10 (Utado Adjuntas) Project - AC-10069  
Guaónico Ward  
Utado, Puerto Rico  
CES Project No. 20-0008*

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**APPENDIX 5**

**CES SOP 2100 - LIQUID AND SLUDGE SAMPLING**

## **SOP 2100**

### **SURFACE WATER AND SEDIMENT (SLUDGE) SAMPLING**

#### **I PURPOSE AND APPLICABILITY**

This SOP describes the collection of valid and representative samples from surface waters, septic tanks or other similar devices. Specific project requirements as described in approved documents such as Work Plan Sampling Plan, Quality Assurance Project Plan, or Health & Safety Plan will take precedence over the procedures described in this SOP.

#### **II RESPONSIBILITY**

The field sampling coordinator will have the responsibility to oversee and ensure that all sampling activities are performed in accordance with the project specific sampling program and this SOP. In addition, the field sampling coordinator must ensure that all field workers are familiar with the procedures included herein.

#### **III SUPPORTING MATERIALS**

The following material should be available prior to initiating sampling activities. The list below identifies the types of equipment which may be used for a range of water sampling applications. From this list project specific equipment will be selected based upon project objectives and site conditions. Other sampling equipment not listed below may be used, as appropriate.

The types of sampling equipment are as follows:

- Sample jars
- Bailers and bailer cord
- Coliwasa
- Mechanical pumps
- Coolers and ice
- Paper towels or chemical-free cloth
- Sediment sampler

#### **IV METHODOLOGY**

Any equipment or sampling techniques used to collect a sample are acceptable as long as they do not cause the integrity of the sample to be compromised and which provide a sample which is representative of the stream device being sampled.

##### **IV.1 Water Sampling Equipment/Techniques**

The physical location of the field sampling coordinator when collecting a sample may dictate the equipment to be used. If surface water samples are required, direct dipping of the sample container into the stream is desirable. When sampling a septic tank or similar device a bailer may be the most appropriate sampling technique. Wading of the sampling water may cause bottom deposits to rise and bias the sample. Wading is acceptable if the stream has a noticeable current (is not impounded), and the samples are collected directly into the bottle while pointed upstream. If the stream is too deep to wade or if the sample must be collected from more than one water depth or from a bridge, etc., supplemental sampling equipment must be used.

Teflon® or any other suitable bailer may be used for surface water sampling, if the data requirements do not necessitate a sample from a strictly discrete interval of the water column. A closed top bailer with a bottom check-valve is sufficient for many studies. As the bailer is lowered through the water column, water is continually displaced through the bailer until the desired depth is reached, at which point the bailer is retrieved. This technique may not be successful where strong currents are found, or where a discrete sample at a specific depth is required.

If discrete samples are desired at a specific depth, and the parameters to be measured do not require a Teflon® coated sampler, a standard Kemmerer or Van Dorn sampler may be used. The Kemmerer sampler is a brass cylinder with rubber stoppers that leave the ends of the sampler open while being lowered in a vertical position to allow free passage of water through the cylinder. The Van Dorn sampler is plastic and is lowered in a horizontal position. In each case, a messenger is sent down a rope when the sampler is at the designated depth, to cause the stoppers to close the cylinder, which is then raised. Water is removed through a valve to fill respective sample bottles. With a rubber tube attached to the valve, DO sample bottles can be properly filled by allowing an overflow. With multiple depth samples, care should be taken not to stir up the bottom sediment and thus bias the sample.

A plastic bucket can be used to collect samples if the parameters to be analyzed do not preclude it. However, the bucket should be properly decontaminated following SOP 1000 prior to collection of the sample.

## **IV.2 Sediment Sampling Equipment/Techniques**

To collect a sediment sample from a stream bed or septic tank, a variety of methods can be used. Dredging (Peterson, Eckman, Ponar), coring, and scooping (BMH-60) are available. Regardless of the method used, precautions shall be taken to insure that the sample collected is representative of the sampled device. These methods are discussed in the following paragraphs.

### **IV.2.1 Dredging**

For routine analyses, the Peterson dredge or similar device can be used when the bottom is rocky, in very deep water, or when the stream velocity is high. The dredge should be lowered very slowly as it approaches bottom, because it can displace and miss lighter materials if allowed to drop freely.

The Eckman dredge or similar device could be used where bottom material is soft, as when covered with organic sludge or light mud. It is unsuitable, however, for sandy, rocky, and hard bottoms and is too light for use in streams with high velocities. It should not be used from a bridge more than a few feet above the water, because the spring mechanism which activates the sampler can be damaged by the messenger if dropped from too great a height.

The Ponar dredge is a modification of the Peterson dredge and is similar in size and weight. It has been modified by the addition of side plates and a screen on the top of the sample compartment. The screen over the sample compartment permits water to pass through the sampler as it descends thus reducing the "shock wave." The Ponar dredge is easily operated by one person in the same fashion as the Peterson dredge. The Ponar dredge is one of the most effective samplers for general use on all types of substrates.

The use of sediment sampling equipment will be determined based upon the sampling devices to be sampled. The project engineer may decide the type of equipment to be used based upon the field conditions encountered. A note will be placed in the field note book regarding the type of equipment use and the reasoning behind its selection.

### **IV.2.2 Corers**

Core samplers are used to sample vertical columns of sediment. They are particularly useful when a historical approach to sediment deposition is desired for they preserve the sequential layering of the deposit. Many types of coring devices have been developed depending on the depth of water from which the sample is to be obtained, the nature of the bottom material, and the length of core to be collected. They vary from hand push tubes to weight or gravity driven devices.

Coring devices are particularly useful in pollutant monitoring because the "shock wave" created by descent is minimal, thus the fines of the sediment-water interface are only minimally disturbed; the sample is withdrawn intact permitting the removal of only those layers of interest; core liners manufactured of glass or Teflon® can be purchased, thus reducing possible sample contamination; and the samples are easily delivered to the lab for analysis in the tube in which they were collected.

The disadvantage of coring devices is that a relatively small surface area and sample size is obtained often necessitating repetitive sampling in order to obtain the required amount for analysis. Because it is felt that this disadvantage is offset by the advantages, coring devices are recommended in sampling sediments for trace organic compounds or metals analyses.

In shallow, wadeable waters, the direct use of a core liner or tube manufactured of Teflon® or glass

is recommended for the collection of sediment samples. Their use can also be extended to deep waters when SCUBA equipment is available. Teflon® is preferred to avoid glass breakage and possible sample loss. Stainless steel push tubes are also acceptable and provide a better cutting edge and higher strength than Teflon®. The use of the glass or Teflon® tube by itself eliminates any possible metal contamination from core barrels, cutting heads, and retainers. The tube should be approximately 12 inches if only recently deposited sediments (8 inches or less) are to be sampled. Longer tubes should be used when the depth of the substrate exceeds eight inches. Soft or semi consolidated sediments such as mud and clays have a greater adherence to the inside of the tube and thus can be sampled with larger diameter tubes. Because coarse or unconsolidated sediments such as sands and gravel tend to fall out of the tube, a small diameter is required for them. A tube about two inches in diameter is usually the best size. The wall thickness of the tube should be about 1/3 inch for either Teflon® or glass. The inside wall may be filed down at the bottom of the tube to facilitate entry of the liner into the substrate.

Caution should be exercised not to disturb the area to be sampled when the sample is obtained by wading in shallow water. The core tube is pushed into the substrate until only four inches or less of the tube is above the sediment-water interface. When sampling hard or coarse substrates, a gentle rotation of the tube while it is pushed will facilitate greater penetration and cut down on core compaction. The tube is then capped with a Teflon® plug or a sheet of Teflon® held in place by a rubber stopper or cork. After capping, the tube is slowly extracted, the negative pressure and adherence of the sediment keeping the sample in the tube. Before pulling the bottom part of the core above the water surface, it too is capped.

### **IV.2.3 Scooping**

If the water is wadeable, the easiest way to collect a sediment sample is to scoop the sediment using a stainless steel spoon or scoop. This reduces the potential for cross-contamination. This can be accomplished by wading into the stream, and while facing upstream (into the current), scooping the sample along the stream bottom in the upstream direction. If the stream is too deep to wade but less than eight feet deep, a stainless steel scoop attached to a piece of conduit can be used either from the banks if the stream is narrow or from a boat.

If the stream has a significant flow and is too deep to wade, a BMH-60 sampler may be used. It is not particularly efficient in mud or other soft substrates because its weight will cause penetration to deeper sediments, which are not desired when sampling for priority pollutants. It is also difficult to release secured samples in an undisturbed fashion that would readily permit sub-sampling. The BMH-60 may be used for priority pollutant sampling provided that caution is exercised by only taking sub-samples that have not been in contact with the metal walls of the sampler.

#### **IV.2.4 Mixing**

Regardless of the method of collection, sediment samples collected for chemical analysis should be thoroughly mixed (except for purgeable or volatile organic compounds analysis) before being placed in the appropriate sample containers.

#### **IV.3 Special Sample Collection Techniques**

Trace Organic Compounds and Metals -- Since trace organic compounds and metals are usually found in extremely low concentrations in ambient waters, the possibility of contamination is greater than with sediment or fish. Precautions must be taken with sampling equipment and preservatives to ensure that contamination does not occur.

Direct dipping of the sample containers is the preferred method of collecting surface water sample for trace levels pollutants analyses. If samples are to be split for enforcement or quality control purposes, and duplicate samples will not suffice, a sufficient volume for all sample containers should be collected in a large glass compositing container and then, with mixing, be alternately siphoned or poured into the respective sample bottles. This technique is not to be used for samples collected for purgeable or volatile organic compounds analysis.

Many contaminants are partitioned more strongly to sediments than water; thus, if these contaminants have been deposited recently and are not quickly degraded or desorbed, they are evident in the sediment analysis. Ideally, only Teflon®, stainless steel, or glass should be used in sediment sampling for trace level contaminant analyses. However, polyethylene sampling devices may also be used. The method using glass or Teflon® coring tubes, was discussed previously, is the preferred technique. In many situations when the water is deep, divers are not available, or the only sampling location is from a bridge, a dredge may be used. In these cases, a high grade stainless steel Ponar dredge (properly cleaned) shall be used to collect the sediment samples. Direct scooping of the streambed sediment as described earlier is acceptable.

### **V QA/QC PROCEDURES**

QA/QC requirements include, but are not limited to field duplicates, rinsate blanks, and field blanks. These samples will be collected on a frequency of one QA/QC sample per 10 field samples or as specified in the project specific sampling and/or work plans.

### **VI DOCUMENTATION**

A number of different documents will be completed and maintained as a part of surface water and sediment sample collection. The documents will provide a summary of the sample collection procedures and conditions, shipment method, the analytes requested, and the custody history. The documents may include:

- Field book

- Sampling forms
- Sample labels
- Chain of custody
- Shipping receipts

All documentation will be kept in the project files.

## **VII REFERENCES**

NPDES Compliance Inspection Manual, United States Environmental Protection Agency, Enforcement Division, Office of Water Enforcement and Permits, EN-338, 1988.

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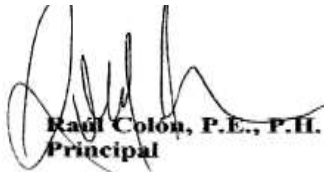
### **END OF SOP 2100**

Prepared by:



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*Work and Sampling Plan  
Limited Phase II Detection Level Assessment Activities  
Former Mechanical Shop  
PR-10 (Utado Adjuntas) Project - AC-10069  
Guaónico Ward  
Utado, Puerto Rico  
CES Project No. 20-0008*

**PRIVILEGED AND CONFIDENTIAL**

**APPENDIX 6**

**CES SOP 3000 – SAMPLE PRESERVATION**



## **SOP 3000**

### **SAMPLE PRESERVATION**

#### **I PURPOSE AND APPLICABILITY**

This SOP describes the containers to be used for samples depending on the analyses to be performed, and the steps necessary to preserve the samples when shipped off-site for chemical analysis. Different types of chemicals react differently with sample containers made of various materials. It is very important to properly select the correct container to maintain the quality of the sample prior to analysis.

Many water and soil samples are unstable, and therefore require preservation when the time interval between field collection and lab analysis is long enough to produce changes in the concentration or the physical condition of the constituent(s) requiring analysis. We note that prevention of the complete and irreversible degradation of samples is not possible, preservation does retard the chemical and biological changes that take place after the samples is collected.

Preservation techniques are usually limited to pH control, chemicals addition and refrigerating. The sample preservation objective is to:

- Retard biological activity
- Retard hydrolysis of chemical compounds
- Reduce constituent volatility
- Reduce absorption effects

Specific project requirements as described in approved documents such as Work Plan, Sampling Plan, Quality Assurance Project Plan or Health & Safety Plan will take precedence over the procedures described in this SOP.

#### **II RESPONSIBILITIES**

It is the responsibility of the field sampling coordinator to ensure that proper storage and preservation of samples is achieved. During the actual collection of sample, the sampling technician(s) will be directly responsible for the bottling, preservation, labeling, and custody of the samples collected until released to another party for storage or transport to the analytical laboratory. Chemical addition to the sample containers should be minimized by obtaining the containers from the laboratory with the appropriate preservative on them. However, if preservation of samples other than refrigeration is needed in the field, the procedures to be followed will be presented in the project specific sampling and/or work plans.

### **III SUPPORTING MATERIAL**

The following materials may be on hand in sufficient quantity to ensure that proper sampling activities are followed:

- Sample containers with labels and preservatives on them.
- Distilled water dispenser bottle
- Methanol or isopropyl dispenser bottle
- Decontamination equipment
- Personal protective equipment as specified in the Project Health and Safety Plan
- Field data sheets and field book
- Buckets and drums
- Coolers and ice
- Paper towels or chemical-free cloths.
- Sample preservation chemicals, if needed. Typically, chemical preservatives are included by the laboratory in the sample containers.

### **IV METHODOLOGY**

#### **IV.1 Sample Containers**

In general, if the analyte(s) to be determined is organic in nature, the container should be made of glass and if the analyte(s) is (are) metal(s), then the container should be plastic. Since container specifications will depend on the analyte and sample matrix types, separate samples should be taken when both organic and inorganic analyses are required. Containers should be kept in dark (to minimize the possibility of biological or photo oxidation/photolysis breakdown of constituents) until they reach the analytical laboratory. The sample container should allow approximately 5-10% of air space to allow for expansion/vaporization if the sample is heated during transport.

Volatile Analysis (VOAs), Chemical Oxygen Demand (COD), and Biological Oxygen Demand (BOD), are among those analyses that do not allow head space.

The laboratory performing the analyses should provide containers that have been cleaned according to U.S. EPA procedures. Sufficient lead time should be allowed. Shipping containers for samples consisting of sturdy ice chests are to be provided by the laboratory.

Once opened, a container must be used immediately for the storage of a particular sample. Unused, but open containers are to be considered contaminated and must be discarded due to the possibility for introducing a contaminant, they cannot be re-closed and saved for later use. Likewise, any unused container which appear contaminated upon receipt, or which is found to have loose caps or missing Teflon liners (if required for that container) should be discarded.

When sample containers are stored on-site, the containers should be kept sealed and as far as possible from solvents also being stored. Ideally, solvents should be kept in separate areas from the containers and blank water.

General sample container and sample volume requirement will be included in the project specific sampling and/or work plans. The type of containers and preservatives must be provided by the analytical laboratories conducting the analyses.

## **IV.2 Preservation Techniques**

As previously indicated, preservation techniques other than refrigeration should not be conducted in the field unless specified in the project specific sampling and/or work plan. As much as possible preservation chemicals must be added by the laboratory into the sample containers.

Reagents for sample preservation will be added to the sample containers by the laboratory prior to their shipment to the field or added in the field, if required. In general, aqueous sample of low-concentration organics (or soil samples of low or medium concentration organics) are cooled to 4 degrees C. Medium concentration aqueous samples and high hazard organics samples are not preserved, but can be preserved in ice if desired. Low concentration aqueous samples for metals are acidified with HNO<sub>3</sub>, while medium-concentration and high-hazard aqueous metal samples are not preserved. Low or medium concentration soil sample for metals are cooler to 4.C while high-hazard samples are not preserved, but can be preserved in ice if desired.

The following subsections describe the procedures for preparing and adding chemical preservatives, in case that these may need to be added in the field.

### **IV.2.1 Addition of Acid or Base**

Addition of the following acids or bases may be specified for sample preservation:

<b>Acid Base</b>	<b>Concentration</b>	<b>Normality</b>	<b>Amount for acidification</b>
HCL	1:1 dilution of conc. HCL	6N	5-10 ml*
H <sub>2</sub> SO <sub>4</sub>	1:1 dilution of conc. H <sub>2</sub> SO <sub>4</sub>	18N	2-5 ml*
HNO <sub>3</sub>	Undiluted conc. of HNO <sub>3</sub>	16N	2-5 ml*
NaOH	400g Solid NaOH in 870 ml water	10N	2 ml**

\*Amount of acid and add (at the specified Strength) per liter of water to reduce the sample pH to less than 2, assuming that the water is initially at pH 7, and is poorly buffered and does not contain particulate matter.

\*\* To raise pH of 1 liter of water to 12

These reagents should be analytical reagents (AR) grade and should be diluted to the required

concentration with deionized water in the laboratory performing the analyses or by field personnel if necessary. This procedure should be followed prior to conducting any field sampling.

The approximate volumes needed to acidity one liter of neutral to a pH of less than 2 (or raise the pH to 12) are shown in the last column of the above table. These volumes are only approximate, if the water is more alkaline, contains inorganic buffers, or contains suspended particles, more acid may be required. The final pH must be checked using narrow-range pH paper.

Sample acid or base additions should proceed as follows:

- Check initial pH of sample with wide range (0-14) pH paper
- Fill sample bottle to within 5-10 ml of final desired volume and add about 2 of estimated acid or base required, stir gently and check pH with medium range pH paper (pH 0-6 or pH 7.5-14, respectively)
- Add acid or base a few drops at a time while stirring gently. Check for final pH using narrow range (0-2.5 or 11-13, respectively) pH paper; when desired pH is reached, cap sample bottle and seal
- Never dip pH paper into sample; apply a drop of sample to the pH paper using the stirring rod or disposal pipette.

#### **IV.2.2 Cyanide Preservation**

Pre- sample preservation is required to prevent oxidizing agents such as chlorine from decomposing cyanides. To test for oxidizing agents, place a drop of the sample on potassium iodide-starch test paper. A blue color indicates the need for treatment. Add ascorbic acid to the sample, slowly, until a drop of sample produces no color in the test paper. Add an additional 0.6 g of ascorbic acid for each liter of sample volume. Add NaOH to raise pH to greater than 12 as describe above.

Sulfide will adversely affect cyanide analyses. To test for sulfide, place a drop of the sample on lead acetate test paper previously moistened with acetic acid buffer solution (pH 4). Darkening of the paper indicates the presence of sulfide. If sulfide is present, add cadmium nitrate powder until the lead acetate test gives negative results. Filter the sample to remove precipitate and add NaOH to raise pH.

#### **IV.2.3 Sulfide Preservation**

Samples for sulfide analysis must be preserved by addition of 4 drops (0.2 ml) of 2N zinc acetate solution per 100 ml sample. The sample pH is then raised to 9 using NaOH 50Iudon (1-2 drops). The 2N zinc acetate solution is made by dissolving 220g of zinc acetate in 870 ml of distilled water to make 1 liter of solution.

#### **IV.2.4 Preservation of Organic Samples Containing Residual Chlorine**

Some organic samples containing residual chlorine must be treated to remove this chlorine upon collection. Test the samples for residual chlorine using EPA methods. If residual chlorine is present, add 0.008% sodium thiosulphate (80 mg per liter of sample).

#### **IV.2.5 Field Filtration**

When the objective is to determine concentrations of dissolved inorganics constituents in a water system, the sample must be filtered through a non-metallic 0.45-micron membrane filter immediately after collection. Filters must be pre-rinsed with deionized water. A filtration system consisting of three to six filtration towers attached to a manifold and vacuum pump may be used if much filtration is required in the field. Discard the first 20 to 50 ml of filtrate from each sample used to rinse the filters and filtration apparatus. This technique minimizes the risk of altering the composition of the samples by the filtering operation. For analysis of dissolved metals, the filtrate is collected in a suitable bottle and is immediately acidified to pH 2.0 or less with analytical reagent grade nitric acid. Filtration equipment must be cleaned between samples in a manner similar to sampling equipment decontamination procedures.

Samples used for determining temperature, dissolved oxygen and pH should not be filtered. Do not use vacuum filtering prior to determining carbonate and bicarbonate concentrations because it removes dissolved carbon dioxide and exposes the sample to the atmosphere. Pressure filtration can be done using water pressure from the well. If gas pressure is required, use an inert gas such as argon or nitrogen.

Do not filter samples for analysis of volatile organic compounds. If samples are to be filtered for analyzing other dissolved organic constituents, use a glass-filter or metal-membrane filter and collect that samples in a suitable container.

### **V QA/QC PROCEDURES**

Any required QA/QC procedure applicable to sample preservation activities, if applicable, will be defined in the project sampling or work plans.

### **VI DOCUMENTATION**

Field notes describing the sample preservation procedures used will be documented by on-site personnel on a dedicated field log or notebook. Field notes will be kept in the project files.

### **VII REFERENCES**

Freed, J. R., P. R. Abell, D. A. Dixon, R. E. Huddleston, M. W. Slimak, and J. Pawlow, "Sampling Protocols for Analysis of Toxic Pollutants in Ambient Water, Bed Sediment, and Fish," Interim Final Report, 3 February 1980, for Office of Water Planning and Standards, United States Environmental Protection Agency, 1980.

"RCRA Ground-Water Monitoring Enforcement Guidance: RCRA Ground-Water Monitoring Compliance Order Guidance (Final) and RCRA Ground-Water Monitoring Technical Enforcement Guidance Document (Draft)," US-EPA, Office of Waste Programs Enforcement and Office of Solid Waste and Emergency Response, August 1985.

Sampling for Organic Chemicals and Microorganisms in the Subsurface, United States Environmental Protection Agency, EPA-600/2-77-176, 1977.

Environmental Protection Agency, 1984 "Guidelines Establishing Test Procedures for the Analysis of Pollutants under the Clean Water Act". Federal register, Vol 49 (209), Oct. 26, 1984

Environmental Protection Agency, 1979. Methods for Chemical Analysis of Water and Wastes EPA.600/4-79-020.

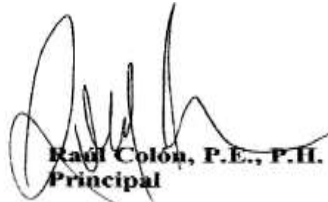
**END OF SOP 3000**

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Revised and approved by:



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**Principal**

*Work and Sampling Plan  
Limited Phase II Detection Level Assessment Activities  
Former Mechanical Shop  
PR-10 (Utado Adjuntas) Project - AC-10069  
Guaónico Ward  
Utado, Puerto Rico  
CES Project No. 20-0008*

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**APPENDIX 7**

**CES SOP 1100 - SAMPLE SHIPPING**

## **SOP 1100**

### **SAMPLE SHIPPING**

#### **I PURPOSE AND APPLICABILITY**

This SOP describes the methodology to be used for shipment of samples collected during field investigations, prior to shipping by air or by land transportation, either as environmental or hazardous materials samples. In general, environmental samples include drinking water, groundwater and surficial water, soil, sediment, treated and untreated municipal, industrial wastewater, biological specimens, or any samples not expected to be contaminated with high levels of hazardous materials. The guidance for complying with US-DOT regulations in shipping environmental laboratory samples is given in the "National Guidance Package for Compliance with Department of Transportation Regulations in the Shipment of Environmental Laboratory Samples" (1). Additional guidance is given in a letter to M. D. Lair, P.E., from Thomas J. Charlton, P.E., Chief Standards Division, Office of Hazardous Materials Regulation, Materials Transportation Bureau, US-DOT (2).

Samples collected from process wastewater streams, container drums, bulk storage tanks, soil, sediment, or water samples from areas suspected of being highly contaminated may require shipment as dangerous goods. Regulations for packing, marking, labeling, and shipping of dangerous goods by air transport are promulgated by the United Nations International Civil Aviation (DATA), which is equivalent to UN/ICAO (3).

Specific project requirements as described in approved documents such as Work Plan, Sampling Plan, Quality Assurance Project Plan or Health & Safety Plan will take precedence over the procedures described in this SOP.

#### **II RESPONSIBILITIES**

It is the responsibility of the field sampling coordinator to ensure that proper sample shipment procedures are followed.

#### **III SUPPORTING MATERIAL**

The following materials may be on hand to ensure that proper methods and procedures may be followed:

- Shipment containers such as coolers, boxes, etc
- Sample container crushing material
- Labels and shipping forms and documents
  
- Chain of custody forms



- Ice
- Tape

## IV METHODOLOGY

### IV.1 Shipment of Dangerous Goods

The field coordinator is responsible for determining if samples collected during a specific field investigation meet the definitions for dangerous goods. If a sample is collected of a material that is listed in the Dangerous Goods List, then that sample must be identified, packaged, marked, labeled, and shipped according to the instructions given for that material. If the composition of the collected sample(s) is unknown, and the project coordinator knows or suspects that it is a regulated material (dangerous goods), the sample may not be offered for air transport. If the composition and properties of the waste sample or highly contaminated soil, sediment, or water sample are unknown, or only partially known, the sample may not be offered for air transport. Regulations concerning the air transport of dangerous goods are currently in flux. ***Dangerous goods must not be offered for air transport without verifying applicable regulations and obtaining approval from the project principal.***

### IV.2 Shipment of Environmental Samples

Samples collected during the field investigation designated by the field coordinator or project professional as environmental samples shall be shipped using the method described below.

Environmental samples shall be packed prior to shipment by air using the following procedures:

- Select a sturdy cooler in good physical conditions. Secure and tape the drain plug with fiber or duct tape. Line the cooler with a large heavy duty plastic bag. Remove any labels on the cooler.
- Allow sufficient outage (ullage) in all sample containers (except VOA's) to compensate for any pressure and temperature changes (approximately 10 percent of the volume of the container).
- Be sure the lids on all sample jars are securely tight (will not leak).
- Place all sample jars in separate and appropriately sized polyethylene bags and seal the bags with tape (preferably duct tape). Up to three VOA bottles may be packed in one Whirl-Pak<sup>7</sup> container.
- Optionally, place three to six VOA vials in a quart metal can and then fill the can with vermiculite or similar material.
- Place two to four inches of vermiculite or similar material at the bottom of the cooler and then place the sample jars and cans in the cooler, leaving sufficient space to place additional protective cushioning material the sample jars and cans.
- Place "blue ice" (or properly sealed heavy duty polyethylene ice bags) on top of or between

- the samples. Fill all remaining space in the cooler with vermiculite or similar material. Securely fasten the top of the large garbage bag with tape (preferably duct tape).
- Place the completed Chain-of-Custody Form and the CLP Traffic Report Form (if applicable) into a plastic bag, tape the bag to the inner side of the cooler lid, and then close the cooler and secure with tape (preferably with duct tape) the top of the cooler shut. Chain-of-custody seals should be affixed at the interface between the (lid) and lower part of the cooler so that the cooler cannot be opened without breaking the seal.
  - The shipping containers must be marked "THIS END UP", and arrow labels which indicate the proper upward position of the container should be affixed to the container. A label containing the name and address of the shipper shall be placed on the outside of the container. Labels used in the shipment of hazardous materials (such as Cargo Only Air Craft, Flammable Solids, etc.) are not permitted to be on the outside of the container used to transport environmental samples and shall not be used.

Environmental samples shall be packed prior to shipment by land transportation using the following procedures:

- Select a sturdy cooler in good physical conditions. If necessary, secure and tape the drain plug with fiber or duct tape. Remove any labels on the cooler.
- Allow sufficient outage (ullage) in all sample containers (except VOA's) to compensate for any pressure and temperature changes (approximately 10 percent of the volume of the container).
- Be sure the lids on all sample jars are securely tight (will not leak).
- Place all sample jars in separate and appropriately sized polyethylene bags, or similar system and seal the bags with tape (preferably duct tape).
- Place two to four inches of vermiculite, ice or similar material at the bottom of the cooler and then place the sample jars and cans in the cooler, leaving sufficient space to place additional protective cushioning material the sample jars and cans.
- Place "blue ice" (or properly sealed heavy duty polyethylene ice bags or un-bagged ice) on top of or between the samples. Fill all remaining space in the cooler with vermiculite, ice or similar material.
- Place the completed Chain-of-Custody Form and the CLP Traffic Report Form (if applicable) into a plastic bag, tape the bag to the inner side of the cooler lid, and then close the cooler and secure with tape (preferably with duct tape) the top of the cooler shut, if necessary. If needed, chain-of-custody seals may be affixed at the interface between the (lid) and lower part of the cooler so that the cooler cannot be opened without breaking the seal. This may not be necessary if the field professional or the laboratory has continuous custody of the samples during transportation.
- The shipping containers should be marked "THIS END UP", and arrow labels which indicate the proper upward position of the container should be affixed to the container. A label containing the name and address of the shipper may be placed on the outside of the container, if needed.

## **V QA/QC PROCEDURES**

Any required QA/QC procedure applicable to shipment of samples shipping activities, if applicable, will be defined in the project sampling or work plans.

## **VI DOCUMENTATION**

Field notes describing the procedures used and data obtained during sample shipment will be documented by on-site personnel in a dedicated field log or notebook. We note that information included in the sampling and chain of custody forms may not need to be repeated in the field logbook. Field notes will be kept in the project files.

## **VII REFERENCES**

"Final Regulation Package for Compliance with DOT Regulations in the Shipment of Environmental Laboratory Samples," Memo from David Weitzman, Work Group Chairman, Office of Occupational Health and Safety (PM-273), US-EPA, April 13, 1981.

Letter from Thomas J. Charlton, P.E., Chief, Standards Division, Office of Hazardous Materials Regulation, Materials Transportation Bureau, US-DOT to Myron D. Lair, P.E., Chief, Hazardous Waste Section, ESB, ESD, Region IV, US-EPA, March 22, 1985.

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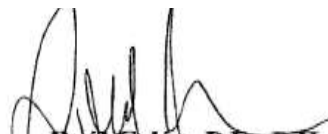
### **END OF SOP 1100**

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Revised and approved by:



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*Limited Phase II Detection Level  
Environmental Site Assessment Report  
Former Mechanical Shop  
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Project - AC-100069  
Guaónico Ward  
Utado, Puerto Rico  
CES Project No. 20-0008*

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**APPENDIX B**  
**DRILLING LOGS**

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<b>SB-1</b>		
<b>Depth (feet)</b>	<b>Description</b>	<b>PID (ppm)</b>
0 – 0.2	Dark brown silty top soil * No suspect odor or evident visual indications of impacted soils * Dry	0.0
0.2 – 1.5	Light brown silty sand with some rock fragments * No suspect odor or evident visual indications of impacted soils * Dry	0.0
1.5 - 3	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0
3-3.5	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0
3.5-4	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0

<b>SB-2</b>		
<b>Depth (feet)</b>	<b>Description</b>	<b>PID (ppm)</b>
0 – 0.2	Concrete floor	N/A
0.2 – 1.5	Light brown silty sand with some rock fragments * No suspect odor or evident visual indications of impacted soils * Dry	0.0
1.5 - 3	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0
3-3.5	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0
3.5-4	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0

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<b>SB-3</b>		
<b>Depth (feet)</b>	<b>Description</b>	<b>PID (ppm)</b>
0 – 0.2	Dark brown silty top soil * No suspect odor or evident visual indications of impacted soils * Dry	0.0
0.2 – 1.5	Light brown silty sand with some rock fragments * No suspect odor or evident visual indications of impacted soils * Dry	2.7
1.5 - 3	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.6
3-3.5	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0
3.5-4	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0

<b>SB-4</b>		
<b>Depth (feet)</b>	<b>Description</b>	<b>PID (ppm)</b>
0 – 0.2	Dark brown silty top soil * No suspect odor or evident visual indications of impacted soils * Dry	0.0
0.2 – 0.8	Light brown silty sand with some rock fragments * No suspect odor or evident visual indications of impacted soils * Dry	0.0
0.8 – 2.0	Light brown silty sand with some rock fragments * No suspect odor or evident visual indications of impacted soils * Dry	0.9
2.0 - 3	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.7
3-3.5	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0
3.5-4	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0

**PRIVILEGED AND CONFIDENTIAL**

<b>SB-5</b>		
<b>Depth (feet)</b>	<b>Description</b>	<b>PID (ppm)</b>
0 – 0.2	Dark brown silty top soil * No suspect odor or evident visual indications of impacted soils * Dry	0.0
0.2 – 1.5	Light brown silty sand with some rock fragments * No suspect odor or evident visual indications of impacted soils * Dry	0.0
1.5 – 2.7	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.2
2.73-3.5	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0
3.5-4	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0

<b>SB-6</b>		
<b>Depth (feet)</b>	<b>Description</b>	<b>PID (ppm)</b>
0 – 1	Dark brown silty clay * No suspect odor. * Apparent visual indications of impacted soils * Dry	0.0
1 – 2	Light brown silty sand with some rock fragments * No suspect odor or evident visual indications of impacted soils * Dry	0.0
2 – 3	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0
Refusal at 3 ft bgs due to rock outcrop		

**PRIVILEGED AND CONFIDENTIAL**

<b>SB-7 (BKG)</b>		
<b>Depth (feet)</b>	<b>Description</b>	<b>PID (ppm)</b>
0 – 0.2	Dark brown silty top soil * No suspect odor or evident visual indications of impacted soils * Dry	0.0
0.2 – 1.0	Light brown silty sand with some rock fragments * No suspect odor or evident visual indications of impacted soils * Dry	0.0
1.0 – 2.0	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0
2.0-3.0	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0
3.0-4	Light brown silty sand. * No suspect odor or evident visual indications of impacted soils * Dry	0.0



*Limited Phase II Detection Level  
Environmental Site Assessment Report  
Former Mechanical Shop  
PR-10 (Utado-Adjuntas)  
Project - AC-100069  
Guaónico Ward  
Utado, Puerto Rico  
CES Project No. 20-0008*

**PRIVILEGED AND CONFIDENTIAL**

**APPENDIX C**  
**PHOTOGRAPHS**

**PRIVILEGED AND CONFIDENTIAL**



Photograph 1: Soil boring drilling at SB-1.



Photograph 2: Soil boring drilling at SB-2.



**PRIVILEGED AND CONFIDENTIAL**



Photograph 3: Soil boring drilling at SB-6.



Photograph 4: Soil borehole at SB-5.



**PRIVILEGED AND CONFIDENTIAL**



Photograph 5: Soil boring drilling at SB-7 (BKG).



Photograph 6: Hand auger drilling at UIC.



**PRIVILEGED AND CONFIDENTIAL**



Photograph 7: Extracted soil core at SB-1.



Photograph 8: Extracted soil core at SB-2.

**PRIVILEGED AND CONFIDENTIAL**



Photograph 9: Extracted soil core at SB-4.



Photograph 10: Extracted soil core at SB-5.



**PRIVILEGED AND CONFIDENTIAL**



Photograph 11: Extracted soil core at SB-6.



Photograph 12: Extracted soil core at SB-7 (BKG).

*Limited Phase II Detection Level  
Environmental Site Assessment Report  
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**PRIVILEGED AND CONFIDENTIAL**

**APPENDIX D**

**CHAIN OF CUSTODIES**





# CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

**ALL SHADED AREAS are for LAB USE ONLY**

Company: **LES** Billing Information: **LES Luis Colon**

Address: **PO Box 51891** Email To:

Report To: **Luis Colon** Site Collection Info/Address:

Copy To:

Customer Project Name/Number: **20-0008** State: **PR** County/City: **UTUADO** Time Zone Collected: **[ ] PT [ ] MT [ ] CT [X] ET**

Phone: Site/Facility ID #: Compliance Monitoring?  Yes  No

Email:

Collected By (print): **Luis Colon** Purchase Order #: DW PWS ID #: Quote #: DW Location Code:

Collected By (Signature): *[Signature]* Turnaround Date Required: **NORMAL** Immediately Packed on Ice:  Yes  No

Sample Disposal:  Dispose as appropriate  Return  Archive:  Hold: Rush:  Same Day  Next Day  2 Day  3 Day  4 Day  5 Day (Expedite Charges Apply) Field Filtered (if applicable):  Yes  No Analysis:

Container Preservative Type \*\* Lab Project Manager:

\*\* Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:  
Lab Sample # / Comments:

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	TCL-VOC	TPH-CIRO	TCL-SVOC	TPH-DRO/ORG	Remaining Pollytents Metals
			Date	Time	Date	Time							
FB-1	W	G	2/15	9:02				4	X	X			
FB-2	W	G	2/15	9:06				4	X	X			
EB-1	W	G	2/15	7:10				9	X	X	X	X	X
TB-1	W	G	2/15	6:30				4	X	X			
TB-2	W	G	2/15	6:31				4	X	X			
S-1	SL	G	2/15	7:32				3	X	X	X	X	X
DUP-1	SL	G	2/15	7:32				3	X	X	X	X	X
S-2	SL	G	2/15	7:47				3	X	X	X	X	X
S-3	SL	G	2/15	7:59				3	X	X	X	X	X
S-4	SL	G	2/15	8:11				3	X	X	X	X	X

Customer Remarks / Special Conditions / Possible Hazards: *[Handwritten notes]*

Type of Ice Used: Wet Blue Dry None SHORT HOLDS PRESENT (<72 hours): Y N N/A

Packing Material Used: Lab Tracking #: **2373137**

Radchem sample(s) screened (<500 cpm): Y N NA Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA  
Therm ID#: \_\_\_\_\_  
Cooler 1 Temp Upon Receipt: \_\_\_\_\_ oC  
Cooler 1 Therm Corr. Factor: \_\_\_\_\_ oC  
Cooler 1 Corrected Temp: \_\_\_\_\_ oC  
Comments:

Relinquished by/Company: (Signature) <i>[Signature]</i>	Date/Time: <i>2/15/20</i>	Received by/Company: (Signature) <i>[Signature]</i>	Date/Time: <i>2/15/20</i>	MTJL LAB USE ONLY Table #: Acctnum: Template: Prelogin: PM: PB:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	

Trip Blank Received: Y N NA  
HCL MeOH TSP Other

Non Conformance(s): YES / NO Page: \_\_\_\_\_ of: \_\_\_\_\_



*Limited Phase II Detection Level  
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Guaónico Ward  
Utado, Puerto Rico  
CES Project No. 20-0008*

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**APPENDIX E**

**LABORATORY RESULTS**



July 31, 2020

Luis Colon  
Caribe Environmental Svcs  
PO BOX 5189  
Caguas, PR 00726

RE: Project: 20-0008  
Pace Project No.: 20162810

Dear Luis Colon:

Enclosed are the analytical results for sample(s) received by the laboratory on July 15, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - New Orleans

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Juan Redondo", is written over a light blue horizontal line.

Juan Redondo  
juan.redondo@pacelabs.com  
(787)720-0319  
Project Manager

Enclosures

cc: Valentin Felix



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 20-0008  
Pace Project No.: 20162810

---

### **Pace Analytical Services New Orleans**

California Env. Lab Accreditation Program Branch:  
11277CA  
Florida Department of Health (NELAC): E87595  
Illinois Environmental Protection Agency: 0025721  
Kansas Department of Health and Environment (NELAC):  
E-10266

Louisiana Dept. of Environmental Quality (NELAC/LELAP):  
02006  
Texas Commission on Env. Quality (NELAC):  
T104704405-09-TX  
U.S. Dept. of Agriculture Foreign Soil Import: P330-10-  
00119

## **REPORT OF LABORATORY ANALYSIS**

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### SAMPLE SUMMARY

Project: 20-0008  
Pace Project No.: 20162810

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20162810001	FB-1	Water	07/15/20 09:02	07/15/20 10:30
20162810002	FB-2	Water	07/15/20 09:06	07/15/20 10:30
20162810003	EB-1	Water	07/15/20 07:10	07/15/20 10:30
20162810004	TB-1	Water	07/15/20 06:30	07/15/20 10:30
20162810005	TB-2	Water	07/15/20 06:31	07/15/20 10:30
20162810006	S-1	Solid	07/15/20 07:32	07/15/20 10:30
20162810007	DUP-1	Solid	07/15/20 07:32	07/15/20 10:30
20162810008	S-2	Solid	07/15/20 07:47	07/15/20 10:30
20162810009	S-3	Solid	07/15/20 07:59	07/15/20 10:30
20162810010	S-4	Solid	07/15/20 08:11	07/15/20 10:30
20162810011	S-5	Solid	07/15/20 08:27	07/15/20 10:30
20162810012	S-6	Solid	07/15/20 08:41	07/15/20 10:30
20162810013	BKG	Solid	07/15/20 08:59	07/15/20 10:30
20162810014	UIC	Solid	07/15/20 09:05	07/15/20 10:30

### REPORT OF LABORATORY ANALYSIS

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**SAMPLE ANALYTE COUNT**

Project: 20-0008  
Pace Project No.: 20162810

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
20162810001	FB-1	EPA 8015/8021	GEM	2	PASI-N
		EPA 5030B/8260	GEM	45	PASI-N
20162810002	FB-2	EPA 8015/8021	GEM	2	PASI-N
		EPA 5030B/8260	GEM	45	PASI-N
20162810003	EB-1	EPA 8015B Modified	ACD	4	PASI-N
		EPA 8015/8021	GEM	2	PASI-N
		EPA 6010	AJS	12	PASI-N
		EPA 7470	FC1	1	PASI-N
		EPA 8270	RAD	71	PASI-N
20162810004	TB-1	EPA 5030B/8260	GEM	45	PASI-N
		EPA 8015/8021	GEM	2	PASI-N
20162810005	TB-2	EPA 5030B/8260	GEM	45	PASI-N
		EPA 8015/8021	GEM	2	PASI-N
20162810006	S-1	EPA 8015/8021	GEM	45	PASI-N
		EPA 8015B Modified	ACD	4	PASI-N
		EPA 8015/8021	GEM	2	PASI-N
		EPA 6010	AJS	12	PASI-N
		EPA 7471	FC1	1	PASI-N
20162810007	DUP-1	EPA 8270	RAD	72	PASI-N
		EPA 8260	JRP	45	PASI-N
		EPA 8015B Modified	ACD	4	PASI-N
		EPA 8015/8021	GEM	2	PASI-N
		EPA 6010	AJS	12	PASI-N
20162810008	S-2	EPA 7471	FC1	1	PASI-N
		EPA 8270	RAD	72	PASI-N
		EPA 8260	JRP	45	PASI-N
		EPA 8015B Modified	ACD	4	PASI-N
		EPA 8015/8021	GEM	2	PASI-N
20162810009	S-3	EPA 6010	AJS	12	PASI-N
		EPA 7471	FC1	1	PASI-N
		EPA 8270	RAD	72	PASI-N
		EPA 8260	JRP	45	PASI-N
		EPA 8015B Modified	ACD	4	PASI-N

**REPORT OF LABORATORY ANALYSIS**

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**SAMPLE ANALYTE COUNT**

Project: 20-0008  
Pace Project No.: 20162810

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
20162810010	S-4	EPA 8260	JRP	45	PASI-N
		EPA 8015B Modified	ACD	4	PASI-N
		EPA 8015/8021	GEM	2	PASI-N
		EPA 6010	AJS	12	PASI-N
		EPA 7471	FC1	1	PASI-N
20162810011	S-5	EPA 8270	RAD	72	PASI-N
		EPA 8260	JRP	45	PASI-N
		EPA 8015B Modified	ACD	4	PASI-N
		EPA 8015/8021	GEM	2	PASI-N
		EPA 6010	AJS	12	PASI-N
20162810012	S-6	EPA 7471	FC1	1	PASI-N
		EPA 8270	RAD	72	PASI-N
		EPA 8260	JRP	45	PASI-N
		EPA 8015B Modified	ACD	4	PASI-N
		EPA 8015/8021	GEM	2	PASI-N
20162810013	BKG	EPA 6010	AJS	12	PASI-N
		EPA 7471	FC1	1	PASI-N
		EPA 8260	JRP	45	PASI-N
20162810014	UIC	EPA 6010	AJS	12	PASI-N
		EPA 7471	FC1	1	PASI-N
		EPA 8015B Modified	ACD	4	PASI-N
		EPA 8015/8021	GEM	2	PASI-N
		EPA 6010	AJS	12	PASI-N
		EPA 7471	FC1	1	PASI-N
		EPA 8270	RAD	72	PASI-N
		EPA 8260	JRP	45	PASI-N

PASI-N = Pace Analytical Services - New Orleans

**REPORT OF LABORATORY ANALYSIS**

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

---

**Method:** EPA 8015B Modified  
**Description:** 8015M DRO/ORO Organics  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

### General Information:

9 samples were analyzed for EPA 8015B Modified by Pace Analytical Services New Orleans. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

### Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

The samples were prepared in accordance with EPA 3535 with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 193022

S5: Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

- UIC (Lab ID: 20162810014)
- n-Pentacosane (S)

### Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 193022

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 20162810006

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 893332)
- Oil Range Organics (>C28-C40)

R1: RPD value was outside control limits.

- MSD (Lab ID: 893333)
- Diesel Range Organic (C10-C28)

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

---

**Method:** EPA 8015B Modified  
**Description:** 8015M DRO/ORO Organics  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

QC Batch: 193028

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

---

**Method:** EPA 8015/8021  
**Description:** 8021 GCV BTEX, MTBE, GRO Med L  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

**General Information:**

8 samples were analyzed for EPA 8015/8021 by Pace Analytical Services New Orleans. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Sample Preparation:**

The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Surrogates:**

All surrogates were within QC limits with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

---

**Method:** EPA 8015/8021  
**Description:** 8021 GCV BTEX, MTBE, GRO  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

**General Information:**

5 samples were analyzed for EPA 8015/8021 by Pace Analytical Services New Orleans. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Surrogates:**

All surrogates were within QC limits with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 193012

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

---

**Method:** EPA 6010  
**Description:** 6010 Metals, Total  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

### General Information:

10 samples were analyzed for EPA 6010 by Pace Analytical Services New Orleans. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

### Sample Preparation:

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.  
The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

### Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 193406

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 20163372001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 895185)
  - Antimony
  - Thallium
  - Zinc
- MSD (Lab ID: 895186)
  - Antimony

R1: RPD value was outside control limits.

- MSD (Lab ID: 895186)
  - Antimony
  - Arsenic
  - Beryllium
  - Cadmium
  - Selenium
  - Silver

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

---

**Method:** EPA 6010  
**Description:** 6010 Metals, Total  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

QC Batch: 193406

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 20163372001

R1: RPD value was outside control limits.

- Thallium

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

---

**Method:** EPA 7470  
**Description:** 7470 Mercury  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

**General Information:**

1 sample was analyzed for EPA 7470 by Pace Analytical Services New Orleans. All samples were received in acceptable condition with any exceptions noted below or on the chain-of-custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Sample Preparation:**

The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

---

**Method:** EPA 7471  
**Description:** 7471 Mercury  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

**General Information:**

9 samples were analyzed for EPA 7471 by Pace Analytical Services New Orleans. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Sample Preparation:**

The samples were prepared in accordance with EPA 7471 with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

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**Method:** EPA 8270  
**Description:** 8270 MSSV Semivolatiles  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

### General Information:

8 samples were analyzed for EPA 8270 by Pace Analytical Services New Orleans. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

### Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

### Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

### Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 193023

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 20162762043

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 893521)
  - 2,4-Dinitrophenol
  - Benzoic acid
- MSD (Lab ID: 893522)
  - 2,4-Dinitrophenol

### Additional Comments:

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

---

**Method:** EPA 8270  
**Description:** 8270 MSSV Sep Funnel Single pH  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

**General Information:**

1 sample was analyzed for EPA 8270 by Pace Analytical Services New Orleans. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Sample Preparation:**

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Internal Standards:**

All internal standards were within QC limits with any exceptions noted below.

**Surrogates:**

All surrogates were within QC limits with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 193034

L2: Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

- LCS (Lab ID: 893391)
- Benzoic acid

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 193034

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

---

**Method:** EPA 8260  
**Description:** 8260 MSV 5035 Low Level  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

### General Information:

8 samples were analyzed for EPA 8260 by Pace Analytical Services New Orleans. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

### Sample Preparation:

The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

### Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

### Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 193129

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 20162810014

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 893847)
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane
  - 1,2-Dibromo-3-chloropropane
  - 1,2-Dibromoethane (EDB)
  - 1,2-Dichloroethane
  - 1,2-Dichloropropane
  - 2-Hexanone
  - 4-Methyl-2-pentanone (MIBK)

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

---

**Method:** EPA 8260  
**Description:** 8260 MSV 5035 Low Level  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

QC Batch: 193129

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 20162810014

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- Bromodichloromethane
- Bromoform
- Chlorobenzene
- Chloroform
- Dibromochloromethane
- Ethylbenzene
- Isopropylbenzene (Cumene)
- Methyl acetate
- Styrene
- cis-1,3-Dichloropropene
- trans-1,3-Dichloropropene
- MSD (Lab ID: 893848)
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane
  - 1,2-Dibromo-3-chloropropane
  - 1,2-Dibromoethane (EDB)
  - 1,2-Dichloroethane
  - 1,2-Dichloropropane
  - 2-Hexanone
  - 4-Methyl-2-pentanone (MIBK)
  - Bromodichloromethane
  - Bromoform
  - Chlorobenzene
  - Dibromochloromethane
  - Ethylbenzene
  - Isopropylbenzene (Cumene)
  - Styrene
  - cis-1,3-Dichloropropene
  - trans-1,3-Dichloropropene

R1: RPD value was outside control limits.

- MSD (Lab ID: 893848)
  - 1,2-Dibromo-3-chloropropane
  - 4-Methyl-2-pentanone (MIBK)
  - Styrene

QC Batch: 193774

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 20162810008

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 897264)
  - 1,2-Dibromoethane (EDB)
- MSD (Lab ID: 897265)
  - 1,2-Dibromoethane (EDB)

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

---

**Method:** EPA 8260  
**Description:** 8260 MSV 5035 Low Level  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 20-0008  
Pace Project No.: 20162810

---

**Method:** EPA 5030B/8260  
**Description:** 8260 MSV Low Level  
**Client:** Caribe Environmental Svcs  
**Date:** July 31, 2020

### General Information:

5 samples were analyzed for EPA 5030B/8260 by Pace Analytical Services New Orleans. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

### Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

### Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

### Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS



Project: 20-0008  
Pace Project No.: 20162810

Sample: FB-1      Lab ID: 20162810001      Collected: 07/15/20 09:02      Received: 07/15/20 09:39      Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8021 GCV BTEX, MTBE, GRO</b>		Analytical Method: EPA 8015/8021 Pace Analytical Services - New Orleans						
Gasoline Range Organics	55.8	ug/L	50.0	1		07/17/20 00:12		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	99	%	63-132	1		07/17/20 00:12	460-00-4	
<b>8260 MSV Low Level</b>		Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans						
Acetone	16.4	ug/L	4.0	1		07/20/20 18:13	67-64-1	
Benzene	ND	ug/L	0.50	1		07/20/20 18:13	71-43-2	
Bromodichloromethane	ND	ug/L	0.50	1		07/20/20 18:13	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/20/20 18:13	75-25-2	
Bromomethane	ND	ug/L	0.50	1		07/20/20 18:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	2.0	1		07/20/20 18:13	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		07/20/20 18:13	75-15-0	
Carbon tetrachloride	ND	ug/L	0.50	1		07/20/20 18:13	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		07/20/20 18:13	108-90-7	
Chloroethane	ND	ug/L	0.50	1		07/20/20 18:13	75-00-3	
Chloroform	ND	ug/L	0.50	1		07/20/20 18:13	67-66-3	
Chloromethane	ND	ug/L	0.50	1		07/20/20 18:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	0.20	1		07/20/20 18:13	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		07/20/20 18:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/20/20 18:13	106-93-4	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/20/20 18:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		07/20/20 18:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		07/20/20 18:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		07/20/20 18:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/20/20 18:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/20/20 18:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		07/20/20 18:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/20/20 18:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/20/20 18:13	10061-02-6	
Ethylbenzene	0.63	ug/L	0.50	1		07/20/20 18:13	100-41-4	
2-Hexanone	ND	ug/L	1.0	1		07/20/20 18:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		07/20/20 18:13	98-82-8	
Methyl acetate	ND	ug/L	2.0	1		07/20/20 18:13	79-20-9	
Methylene Chloride	ND	ug/L	0.50	1		07/20/20 18:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1.0	1		07/20/20 18:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/20/20 18:13	1634-04-4	
Styrene	ND	ug/L	1.0	1		07/20/20 18:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/20/20 18:13	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		07/20/20 18:13	127-18-4	
Toluene	7.0	ug/L	0.50	1		07/20/20 18:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/20/20 18:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/20/20 18:13	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		07/20/20 18:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/20/20 18:13	75-69-4	
Vinyl chloride	ND	ug/L	0.50	1		07/20/20 18:13	75-01-4	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS



Project: 20-0008  
Pace Project No.: 20162810

Sample: FB-1		Lab ID: 20162810001	Collected: 07/15/20 09:02	Received: 07/15/20 09:02	Matrix: Water	Prepared:	Analyzed:	CAS No.	Qual
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>8260 MSV Low Level</b>		Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans							
m&p-Xylene	ND	ug/L	2.0	1		07/20/20 18:13	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		07/20/20 18:13	95-47-6		
<b>Surrogates</b>									
Dibromofluoromethane (S)	112	%	72-126	1		07/20/20 18:13	1868-53-7		
4-Bromofluorobenzene (S)	105	%	68-124	1		07/20/20 18:13	460-00-4		
Toluene-d8 (S)	100	%	79-119	1		07/20/20 18:13	2037-26-5		

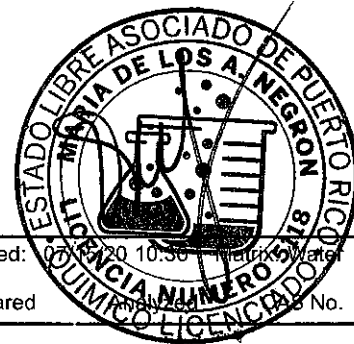
Sample: FB-2		Lab ID: 20162810002	Collected: 07/15/20 09:06	Received: 07/15/20 10:30	Matrix: Water	Prepared:	Analyzed:	CAS No.	Qual
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>8021 GCV BTEX, MTBE, GRO</b>		Analytical Method: EPA 8015/8021 Pace Analytical Services - New Orleans							
Gasoline Range Organics	55.1	ug/L	50.0	1		07/17/20 00:38			
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	63-132	1		07/17/20 00:38	460-00-4		
<b>8260 MSV Low Level</b>		Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans							
Acetone	9.9	ug/L	4.0	1		07/20/20 18:32	67-64-1		
Benzene	ND	ug/L	0.50	1		07/20/20 18:32	71-43-2		
Bromodichloromethane	ND	ug/L	0.50	1		07/20/20 18:32	75-27-4		
Bromoform	ND	ug/L	1.0	1		07/20/20 18:32	75-25-2		
Bromomethane	ND	ug/L	0.50	1		07/20/20 18:32	74-83-9		
2-Butanone (MEK)	ND	ug/L	2.0	1		07/20/20 18:32	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		07/20/20 18:32	75-15-0		
Carbon tetrachloride	ND	ug/L	0.50	1		07/20/20 18:32	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/20/20 18:32	108-90-7		
Chloroethane	ND	ug/L	0.50	1		07/20/20 18:32	75-00-3		
Chloroform	ND	ug/L	0.50	1		07/20/20 18:32	67-66-3		
Chloromethane	ND	ug/L	0.50	1		07/20/20 18:32	74-87-3		
1,2-Dibromo-3-chloropropane	ND	ug/L	0.20	1		07/20/20 18:32	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/20/20 18:32	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/20/20 18:32	106-93-4		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/20/20 18:32	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/20/20 18:32	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/20/20 18:32	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/20/20 18:32	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/20/20 18:32	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/20/20 18:32	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		07/20/20 18:32	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/20/20 18:32	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/20/20 18:32	10061-02-6		
Ethylbenzene	0.63	ug/L	0.50	1		07/20/20 18:32	100-41-4		
2-Hexanone	ND	ug/L	1.0	1		07/20/20 18:32	591-78-6		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS



Project: 20-0008  
Pace Project No.: 20162810

Sample:	Lab ID:	Collected:	Received:	Matrix:			
FB-2	20162810002	07/15/20 09:06	07/20/20 10:30	Water			
Parameters	Results	Units	Report Limit	DF	Prepared	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans					
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1	07/20/20 18:32	98-82-8	
Methyl acetate	ND	ug/L	2.0	1	07/20/20 18:32	79-20-9	
Methylene Chloride	ND	ug/L	0.50	1	07/20/20 18:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1.0	1	07/20/20 18:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1	07/20/20 18:32	1634-04-4	
Styrene	ND	ug/L	1.0	1	07/20/20 18:32	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1	07/20/20 18:32	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1	07/20/20 18:32	127-18-4	
Toluene	6.8	ug/L	0.50	1	07/20/20 18:32	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	0.50	1	07/20/20 18:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1	07/20/20 18:32	79-00-5	
Trichloroethene	ND	ug/L	0.50	1	07/20/20 18:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1	07/20/20 18:32	75-69-4	
Vinyl chloride	ND	ug/L	0.50	1	07/20/20 18:32	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1	07/20/20 18:32	179601-23-1	
o-Xylene	ND	ug/L	1.0	1	07/20/20 18:32	95-47-6	
<b>Surrogates</b>							
Dibromofluoromethane (S)	112	%.	72-126	1	07/20/20 18:32	1868-53-7	
4-Bromofluorobenzene (S)	102	%.	68-124	1	07/20/20 18:32	460-00-4	
Toluene-d8 (S)	100	%.	79-119	1	07/20/20 18:32	2037-26-5	

Sample:	Lab ID:	Collected:	Received:	Matrix:				
EB-1	20162810003	07/15/20 07:10	07/15/20 10:30	Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015M DRO/ORO Organics</b>		Analytical Method: EPA 8015B Modified Preparation Method: EPA 3535 Pace Analytical Services - New Orleans						
Diesel Range Organic (C10-C28)	ND	mg/L	0.50	1	07/17/20 06:44	07/20/20 12:32		
Oil Range Organics (>C28-C40)	ND	mg/L	1.0	1	07/17/20 06:44	07/20/20 12:32		
<b>Surrogates</b>								
n-Pentacosane (S)	59	%.	16-137	1	07/17/20 06:44	07/20/20 12:32	629-99-2	
o-Terphenyl (S)	57	%.	10-121	1	07/17/20 06:44	07/20/20 12:32	84-15-1	
<b>8021 GCV BTEX, MTBE, GRO</b>		Analytical Method: EPA 8015/8021 Pace Analytical Services - New Orleans						
Gasoline Range Organics	52.9	ug/L	50.0	1	07/17/20 01:05			
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	99	%.	63-132	1	07/17/20 01:05			460-00-4
<b>6010 Metals, Total</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - New Orleans						
Antimony	ND	ug/L	60.0	1	07/21/20 09:09	07/21/20 16:04	7440-36-0	
Arsenic	ND	ug/L	10.0	1	07/21/20 09:09	07/21/20 16:04	7440-38-2	
Beryllium	ND	ug/L	5.0	1	07/21/20 09:09	07/21/20 16:04	7440-41-7	
Cadmium	ND	ug/L	5.0	1	07/21/20 09:09	07/21/20 16:04	7440-43-9	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS



Project: 20-0008  
Pace Project No.: 20162810

Sample: EB-1 Lab ID: 20162810003 Collected: 07/15/20 07:10 Received: 07/21/20 10:36

Parameters	Results	Units	Report Limit	DF	Prepared	No.	Qual
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**6010 Metals, Total**

Analytical Method: EPA 6010 Preparation Method: EPA 3010  
Pace Analytical Services - New Orleans

Chromium	ND	ug/L	10.0	1	07/21/20 09:09	07/21/20 16:04	7440-47-3
Copper	ND	ug/L	10.0	1	07/21/20 09:09	07/21/20 16:04	7440-50-8
Lead	ND	ug/L	5.0	1	07/21/20 09:09	07/21/20 16:04	7439-92-1
Nickel	ND	ug/L	40.0	1	07/21/20 09:09	07/21/20 16:04	7440-02-0
Selenium	ND	ug/L	20.0	1	07/21/20 09:09	07/21/20 16:04	7782-49-2
Silver	ND	ug/L	10.0	1	07/21/20 09:09	07/21/20 16:04	7440-22-4
Thallium	ND	ug/L	10.0	1	07/21/20 09:09	07/21/20 16:04	7440-28-0
Zinc	ND	ug/L	20.0	1	07/21/20 09:09	07/21/20 16:04	7440-66-6

**7470 Mercury**

Analytical Method: EPA 7470 Preparation Method: EPA 7470  
Pace Analytical Services - New Orleans

Mercury	ND	ug/L	0.20	1	07/17/20 08:05	07/17/20 16:21	7439-97-6
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**8270 MSSV Sep Funnel Single pH**

Analytical Method: EPA 8270 Preparation Method: EPA 3510  
Pace Analytical Services - New Orleans

Acenaphthene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	83-32-9
Acenaphthylene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	208-96-8
Anthracene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	120-12-7
Benzo(a)anthracene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	56-55-3
Benzo(a)pyrene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	50-32-8
Benzo(b)fluoranthene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	205-99-2
Benzo(g,h,i)perylene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	191-24-2
Benzo(k)fluoranthene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	207-08-9
Benzoic acid	ND	ug/L	48.8	1	07/17/20 07:00	07/17/20 19:38	65-85-0
Benzyl alcohol	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	100-51-6
4-Bromophenylphenyl ether	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	101-55-3
Butylbenzylphthalate	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	85-68-7
Carbazole	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	86-74-8
4-Chloro-3-methylphenol	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	59-50-7
bis(2-Chloroethoxy)methane	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	111-91-1
bis(2-Chloroethyl) ether	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	111-44-4
2-Chloronaphthalene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	91-58-7
2-Chlorophenol	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	95-57-8
4-Chlorophenylphenyl ether	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	7005-72-3
Chrysene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	218-01-9
Dibenz(a,h)anthracene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	53-70-3
Dibenzofuran	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	132-64-9
1,2-Dichlorobenzene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	95-50-1
1,3-Dichlorobenzene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	541-73-1
1,4-Dichlorobenzene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	106-46-7
3,3'-Dichlorobenzidine	ND	ug/L	19.5	1	07/17/20 07:00	07/17/20 19:38	91-94-1
2,4-Dichlorophenol	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	120-83-2
Diethylphthalate	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	84-66-2
2,4-Dimethylphenol	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	105-67-9
Dimethylphthalate	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	131-11-3

### REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**



Project: 20-0008  
Pace Project No.: 20162810

**Sample: EB-1** Lab ID: **20162810003** Collected: 07/15/20 07:10 Received: 07/17/20 07:00 Analyzed: 07/17/20 19:38

Parameters	Results	Units	Report Limit	DF	Prepared	Qual
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**8270 MSSV Sep Funnel Single pH** Analytical Method: EPA 8270 Preparation Method: EPA 3510  
Pace Analytical Services - New Orleans

Di-n-butylphthalate	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	84-74-2
4,6-Dinitro-2-methylphenol	ND	ug/L	24.4	1	07/17/20 07:00	07/17/20 19:38	534-52-1
2,4-Dinitrophenol	ND	ug/L	48.8	1	07/17/20 07:00	07/17/20 19:38	51-28-5
2,4-Dinitrotoluene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	121-14-2
2,6-Dinitrotoluene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	606-20-2
Di-n-octylphthalate	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	117-84-0
bis(2-Ethylhexyl)phthalate	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	117-81-7
Fluoranthene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	206-44-0
Fluorene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	86-73-7
Hexachloro-1,3-butadiene	ND	ug/L	19.5	1	07/17/20 07:00	07/17/20 19:38	87-68-3
Hexachlorobenzene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	118-74-1
Hexachlorocyclopentadiene	ND	ug/L	39.1	1	07/17/20 07:00	07/17/20 19:38	77-47-4
Hexachloroethane	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	67-72-1
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	193-39-5
Isophorone	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	78-59-1
2-Methylnaphthalene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	91-57-6
2-Methylphenol(o-Cresol)	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	95-48-7
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	
Naphthalene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	91-20-3
2-Nitroaniline	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	88-74-4
3-Nitroaniline	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	99-09-2
4-Nitroaniline	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	100-01-6
Nitrobenzene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	98-95-3
2-Nitrophenol	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	88-75-5
4-Nitrophenol	ND	ug/L	39.1	1	07/17/20 07:00	07/17/20 19:38	100-02-7
N-Nitroso-di-n-propylamine	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	621-64-7
N-Nitrosodiphenylamine	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	86-30-6
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	108-60-1
Pentachlorophenol	ND	ug/L	39.1	1	07/17/20 07:00	07/17/20 19:38	87-86-5
Phenanthrene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	85-01-8
Phenol	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	108-95-2
Pyrene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	129-00-0
1,2,4-Trichlorobenzene	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	120-82-1
2,4,5-Trichlorophenol	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	95-95-4
2,4,6-Trichlorophenol	ND	ug/L	9.8	1	07/17/20 07:00	07/17/20 19:38	88-06-2
<b>Surrogates</b>							
2-Fluorobiphenyl (S)	60	%	10-146	1	07/17/20 07:00	07/17/20 19:38	321-60-8
Terphenyl-d14 (S)	41	%	10-174	1	07/17/20 07:00	07/17/20 19:38	1718-51-0
2,4,6-Tribromophenol (S)	63	%	10-173	1	07/17/20 07:00	07/17/20 19:38	118-79-6
2-Fluorophenol (S)	36	%	10-110	1	07/17/20 07:00	07/17/20 19:38	367-12-4
Phenol-d6 (S)	23	%	10-100	1	07/17/20 07:00	07/17/20 19:38	13127-88-3
Nitrobenzene-d5 (S)	62	%	10-161	1	07/17/20 07:00	07/17/20 19:38	4165-60-0

**8260 MSV Low Level** Analytical Method: EPA 5030B/8260  
Pace Analytical Services - New Orleans

Acetone	18.5	ug/L	4.0	1	07/20/20 18:50	67-64-1
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**REPORT OF LABORATORY ANALYSIS**

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**ANALYTICAL RESULTS**



Project: 20-0008  
Pace Project No.: 20162810

Sample: EB-1 Lab ID: 20162810003 Collected: 07/15/20 07:10 Received: 07/20/20 10:51

Parameters	Results	Units	Report Limit	DF	Prepared	Reference No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans					
Benzene	ND	ug/L	0.50	1	07/20/20 18:50	71-43-2	
Bromodichloromethane	ND	ug/L	0.50	1	07/20/20 18:50	75-27-4	
Bromoform	ND	ug/L	1.0	1	07/20/20 18:50	75-25-2	
Bromomethane	ND	ug/L	0.50	1	07/20/20 18:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	2.0	1	07/20/20 18:50	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1	07/20/20 18:50	75-15-0	
Carbon tetrachloride	ND	ug/L	0.50	1	07/20/20 18:50	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1	07/20/20 18:50	108-90-7	
Chloroethane	ND	ug/L	0.50	1	07/20/20 18:50	75-00-3	
Chloroform	ND	ug/L	0.50	1	07/20/20 18:50	67-66-3	
Chloromethane	ND	ug/L	0.50	1	07/20/20 18:50	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	0.20	1	07/20/20 18:50	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1	07/20/20 18:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1	07/20/20 18:50	106-93-4	
Dichlorodifluoromethane	ND	ug/L	1.0	1	07/20/20 18:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1	07/20/20 18:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1	07/20/20 18:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1	07/20/20 18:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1	07/20/20 18:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1	07/20/20 18:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1	07/20/20 18:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1	07/20/20 18:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1	07/20/20 18:50	10061-02-6	
Ethylbenzene	0.57	ug/L	0.50	1	07/20/20 18:50	100-41-4	
2-Hexanone	ND	ug/L	1.0	1	07/20/20 18:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1	07/20/20 18:50	98-82-8	
Methyl acetate	ND	ug/L	2.0	1	07/20/20 18:50	79-20-9	
Methylene Chloride	ND	ug/L	0.50	1	07/20/20 18:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1.0	1	07/20/20 18:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1	07/20/20 18:50	1634-04-4	
Styrene	ND	ug/L	1.0	1	07/20/20 18:50	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1	07/20/20 18:50	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1	07/20/20 18:50	127-18-4	
Toluene	6.5	ug/L	0.50	1	07/20/20 18:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	0.50	1	07/20/20 18:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1	07/20/20 18:50	79-00-5	
Trichloroethene	ND	ug/L	0.50	1	07/20/20 18:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1	07/20/20 18:50	75-69-4	
Vinyl chloride	ND	ug/L	0.50	1	07/20/20 18:50	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1	07/20/20 18:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	1	07/20/20 18:50	95-47-6	
<b>Surrogates</b>							
Dibromofluoromethane (S)	113	%	72-126	1	07/20/20 18:50	1868-53-7	
4-Bromofluorobenzene (S)	104	%	68-124	1	07/20/20 18:50	460-00-4	
Toluene-d8 (S)	99	%	79-119	1	07/20/20 18:50	2037-26-5	

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### ANALYTICAL RESULTS

Project: 20-0008  
Pace Project No.: 20162810



Sample: TB-1 Lab ID: 20162810004 Collected: 07/15/20 06:30 Received: 07/17/20 01:31  
Parameters Results Units Report Limit DF Prepared Analyzed CAS No. Qual

**8021 GCV BTEX, MTBE, GRO**

Analytical Method: EPA 8015/8021  
Pace Analytical Services - New Orleans

Gasoline Range Organics	ND	ug/L	50.0	1	07/17/20 01:31		
<b>Surrogates</b>							
4-Bromofluorobenzene (S)	100	%	63-132	1	07/17/20 01:31	460-00-4	

**8260 MSV Low Level**

Analytical Method: EPA 5030B/8260  
Pace Analytical Services - New Orleans

Acetone	12.8	ug/L	4.0	1	07/20/20 19:08	67-64-1	
Benzene	ND	ug/L	0.50	1	07/20/20 19:08	71-43-2	
Bromodichloromethane	ND	ug/L	0.50	1	07/20/20 19:08	75-27-4	
Bromoform	ND	ug/L	1.0	1	07/20/20 19:08	75-25-2	
Bromomethane	ND	ug/L	0.50	1	07/20/20 19:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	2.0	1	07/20/20 19:08	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1	07/20/20 19:08	75-15-0	
Carbon tetrachloride	ND	ug/L	0.50	1	07/20/20 19:08	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1	07/20/20 19:08	108-90-7	
Chloroethane	ND	ug/L	0.50	1	07/20/20 19:08	75-00-3	
Chloroform	ND	ug/L	0.50	1	07/20/20 19:08	67-66-3	
Chloromethane	ND	ug/L	0.50	1	07/20/20 19:08	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	0.20	1	07/20/20 19:08	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1	07/20/20 19:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1	07/20/20 19:08	106-93-4	
Dichlorodifluoromethane	ND	ug/L	1.0	1	07/20/20 19:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1	07/20/20 19:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1	07/20/20 19:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1	07/20/20 19:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1	07/20/20 19:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1	07/20/20 19:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1	07/20/20 19:08	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1	07/20/20 19:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1	07/20/20 19:08	10061-02-6	
Ethylbenzene	ND	ug/L	0.50	1	07/20/20 19:08	100-41-4	
2-Hexanone	ND	ug/L	1.0	1	07/20/20 19:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1	07/20/20 19:08	98-82-8	
Methyl acetate	ND	ug/L	2.0	1	07/20/20 19:08	79-20-9	
Methylene Chloride	ND	ug/L	0.50	1	07/20/20 19:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1.0	1	07/20/20 19:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1	07/20/20 19:08	1634-04-4	
Styrene	ND	ug/L	1.0	1	07/20/20 19:08	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1	07/20/20 19:08	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1	07/20/20 19:08	127-18-4	
Toluene	ND	ug/L	0.50	1	07/20/20 19:08	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	0.50	1	07/20/20 19:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1	07/20/20 19:08	79-00-5	
Trichloroethene	ND	ug/L	0.50	1	07/20/20 19:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1	07/20/20 19:08	75-69-4	
Vinyl chloride	ND	ug/L	0.50	1	07/20/20 19:08	75-01-4	

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**ANALYTICAL RESULTS**



Project: 20-0008  
Pace Project No.: 20162810

Sample: TB-1		Lab ID: 20162810004		Collected: 07/15/20 06:30		Received: 07/20/20 19:08		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>8260 MSV Low Level</b>		Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans							
m&p-Xylene	ND	ug/L	2.0	1	07/20/20 19:08	179601-23-1			
o-Xylene	ND	ug/L	1.0	1	07/20/20 19:08	95-47-6			
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	72-126	1	07/20/20 19:08	1868-53-7			
4-Bromofluorobenzene (S)	105	%	68-124	1	07/20/20 19:08	460-00-4			
Toluene-d8 (S)	100	%	79-119	1	07/20/20 19:08	2037-26-5			

Sample: TB-2		Lab ID: 20162810005		Collected: 07/15/20 06:31		Received: 07/15/20 10:30		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>8021 GCV BTEX, MTBE, GRO</b>		Analytical Method: EPA 8015/8021 Pace Analytical Services - New Orleans							
Gasoline Range Organics	51.4	ug/L	50.0	1	07/17/20 01:58				
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	63-132	1	07/17/20 01:58	460-00-4			
<b>8260 MSV Low Level</b>		Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans							
Acetone	18.0	ug/L	4.0	1	07/20/20 19:27	67-64-1			
Benzene	ND	ug/L	0.50	1	07/20/20 19:27	71-43-2			
Bromodichloromethane	ND	ug/L	0.50	1	07/20/20 19:27	75-27-4			
Bromoform	ND	ug/L	1.0	1	07/20/20 19:27	75-25-2			
Bromomethane	ND	ug/L	0.50	1	07/20/20 19:27	74-83-9			
2-Butanone (MEK)	ND	ug/L	2.0	1	07/20/20 19:27	78-93-3			
Carbon disulfide	ND	ug/L	1.0	1	07/20/20 19:27	75-15-0			
Carbon tetrachloride	ND	ug/L	0.50	1	07/20/20 19:27	56-23-5			
Chlorobenzene	ND	ug/L	0.50	1	07/20/20 19:27	108-90-7			
Chloroethane	ND	ug/L	0.50	1	07/20/20 19:27	75-00-3			
Chloroform	ND	ug/L	0.50	1	07/20/20 19:27	67-66-3			
Chloromethane	ND	ug/L	0.50	1	07/20/20 19:27	74-87-3			
1,2-Dibromo-3-chloropropane	ND	ug/L	0.20	1	07/20/20 19:27	96-12-8			
Dibromochloromethane	ND	ug/L	0.50	1	07/20/20 19:27	124-48-1			
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1	07/20/20 19:27	106-93-4			
Dichlorodifluoromethane	ND	ug/L	1.0	1	07/20/20 19:27	75-71-8			
1,1-Dichloroethane	ND	ug/L	0.50	1	07/20/20 19:27	75-34-3			
1,2-Dichloroethane	ND	ug/L	0.50	1	07/20/20 19:27	107-06-2			
1,1-Dichloroethene	ND	ug/L	0.50	1	07/20/20 19:27	75-35-4			
cis-1,2-Dichloroethene	ND	ug/L	1.0	1	07/20/20 19:27	156-59-2			
trans-1,2-Dichloroethene	ND	ug/L	0.50	1	07/20/20 19:27	156-60-5			
1,2-Dichloropropane	ND	ug/L	0.50	1	07/20/20 19:27	78-87-5			
cis-1,3-Dichloropropene	ND	ug/L	0.50	1	07/20/20 19:27	10061-01-5			
trans-1,3-Dichloropropene	ND	ug/L	0.50	1	07/20/20 19:27	10061-02-6			
Ethylbenzene	0.70	ug/L	0.50	1	07/20/20 19:27	100-41-4			
2-Hexanone	ND	ug/L	1.0	1	07/20/20 19:27	591-78-6			

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### ANALYTICAL RESULTS



Project: 20-0008  
Pace Project No.: 20162810

Sample:	Lab ID:	Collected:	Received:	Matrix:					
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>Sample: TB-2</b>	<b>Lab ID: 20162810005</b>	<b>Collected: 07/15/20 06:31</b>	<b>Received: 07/15/20 06:30</b>	<b>Matrix: Solid</b>					
<b>8260 MSV Low Level</b>									
Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans									
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1	07/20/20 19:27	07/20/20 19:27	98-82-8		
Methyl acetate	ND	ug/L	2.0	1	07/20/20 19:27	07/20/20 19:27	79-20-9		
Methylene Chloride	ND	ug/L	0.50	1	07/20/20 19:27	07/20/20 19:27	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1.0	1	07/20/20 19:27	07/20/20 19:27	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1	07/20/20 19:27	07/20/20 19:27	1634-04-4		
Styrene	ND	ug/L	1.0	1	07/20/20 19:27	07/20/20 19:27	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1	07/20/20 19:27	07/20/20 19:27	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1	07/20/20 19:27	07/20/20 19:27	127-18-4		
Toluene	7.5	ug/L	0.50	1	07/20/20 19:27	07/20/20 19:27	108-88-3		
1,1,1-Trichloroethane	ND	ug/L	0.50	1	07/20/20 19:27	07/20/20 19:27	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1	07/20/20 19:27	07/20/20 19:27	79-00-5		
Trichloroethene	ND	ug/L	0.50	1	07/20/20 19:27	07/20/20 19:27	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1	07/20/20 19:27	07/20/20 19:27	75-69-4		
Vinyl chloride	ND	ug/L	0.50	1	07/20/20 19:27	07/20/20 19:27	75-01-4		
m&p-Xylene	2.0	ug/L	2.0	1	07/20/20 19:27	07/20/20 19:27	179601-23-1		
o-Xylene	ND	ug/L	1.0	1	07/20/20 19:27	07/20/20 19:27	95-47-6		
<b>Surrogates</b>									
Dibromofluoromethane (S)	113	%	72-126	1	07/20/20 19:27	07/20/20 19:27	1868-53-7		
4-Bromofluorobenzene (S)	101	%	68-124	1	07/20/20 19:27	07/20/20 19:27	460-00-4		
Toluene-d8 (S)	99	%	79-119	1	07/20/20 19:27	07/20/20 19:27	2037-26-5		

Sample:	Lab ID:	Collected:	Received:	Matrix:					
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>Sample: S-1</b>	<b>Lab ID: 20162810006</b>	<b>Collected: 07/15/20 07:32</b>	<b>Received: 07/15/20 10:30</b>	<b>Matrix: Solid</b>					
<b>Results reported on a "wet-weight" basis</b>									
<b>8015M DRO/ORO Organics</b>									
Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546 Pace Analytical Services - New Orleans									
Diesel Range Organic (C10-C28)	ND	mg/kg	9.8	1	07/17/20 10:32	07/17/20 14:29		R1	
Oil Range Organics (>C28-C40)	ND	mg/kg	49.1	1	07/17/20 10:32	07/17/20 14:29		M1	
<b>Surrogates</b>									
o-Terphenyl (S)	57	%	16-127	1	07/17/20 10:32	07/17/20 14:29	84-15-1		
n-Pentacosane (S)	57	%	16-147	1	07/17/20 10:32	07/17/20 14:29	629-99-2		
<b>8021 GCV BTEX, MTBE, GRO Med L</b>									
Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B Pace Analytical Services - New Orleans									
Gasoline Range Organics	ND	ug/kg	2570	1	07/16/20 16:20	07/16/20 17:31			
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	63-132	1	07/16/20 16:20	07/16/20 17:31	460-00-4		
<b>6010 Metals, Total</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans									
Antimony	ND	mg/kg	2.5	1	07/21/20 08:42	07/22/20 10:28	7440-36-0		
Arsenic	ND	mg/kg	0.85	1	07/21/20 08:42	07/22/20 10:28	7440-38-2		
Beryllium	ND	mg/kg	0.42	1	07/21/20 08:42	07/22/20 10:28	7440-41-7		

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### ANALYTICAL RESULTS

Project: 20-0008  
Pace Project No.: 20162810



**Sample: S-1** Lab ID: 20162810006 Collected: 07/15/20 07:32 Received: 07/15/20  
**Results reported on a "wet-weight" basis**

Parameters	Results	Units	Report Limit	DF	Prepared	Analyst	Qual
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**6010 Metals, Total**

Analytical Method: EPA 6010 Preparation Method: EPA 3050  
Pace Analytical Services - New Orleans

Cadmium	ND	mg/kg	0.42	1	07/21/20 08:42	07/22/20 10:28	7440-43-9
Chromium	ND	mg/kg	0.85	1	07/21/20 08:42	07/22/20 10:28	7440-47-3
Copper	80.9	mg/kg	0.85	1	07/21/20 08:42	07/22/20 10:28	7440-50-8
Lead	1.0	mg/kg	0.42	1	07/21/20 08:42	07/22/20 10:28	7439-92-1
Nickel	ND	mg/kg	3.4	1	07/21/20 08:42	07/22/20 10:28	7440-02-0
Selenium	ND	mg/kg	1.7	1	07/21/20 08:42	07/22/20 10:28	7782-49-2
Silver	ND	mg/kg	0.85	1	07/21/20 08:42	07/22/20 10:28	7440-22-4
Thallium	ND	mg/kg	0.42	1	07/21/20 08:42	07/22/20 10:28	7440-28-0
Zinc	47.6	mg/kg	4.2	1	07/21/20 08:42	07/22/20 10:28	7440-66-6

**7471 Mercury**

Analytical Method: EPA 7471 Preparation Method: EPA 7471  
Pace Analytical Services - New Orleans

Mercury	ND	mg/kg	0.017	1	07/22/20 13:54	07/23/20 13:05	7439-97-6
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**8270 MSSV Semivolatiles**

Analytical Method: EPA 8270 Preparation Method: EPA 3546  
Pace Analytical Services - New Orleans

Acenaphthene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	83-32-9
Acenaphthylene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	208-96-8
Anthracene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	120-12-7
Benzo(a)anthracene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	56-55-3
Benzo(a)pyrene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	50-32-8
Benzo(b)fluoranthene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	205-99-2
Benzo(g,h,i)perylene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	191-24-2
Benzo(k)fluoranthene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	207-08-9
Benzoic acid	ND	ug/kg	822	1	07/17/20 09:24	07/20/20 15:39	65-85-0
Benzyl alcohol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	100-51-6
4-Bromophenylphenyl ether	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	101-55-3
Butylbenzylphthalate	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	85-68-7
Carbazole	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	86-74-8
4-Chloro-3-methylphenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	59-50-7
3&4-Chloroaniline	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	
bis(2-Chloroethoxy)methane	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	111-91-1
bis(2-Chloroethyl) ether	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	111-44-4
2-Chloronaphthalene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	91-58-7
2-Chlorophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	95-57-8
4-Chlorophenylphenyl ether	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	7005-72-3
Chrysene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	218-01-9
Dibenz(a,h)anthracene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	53-70-3
Dibenzofuran	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	132-64-9
1,2-Dichlorobenzene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	106-46-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	1	07/17/20 09:24	07/20/20 15:39	91-94-1
2,4-Dichlorophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	120-83-2
Diethylphthalate	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	84-66-2

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### ANALYTICAL RESULTS

Project: 20-0008  
Pace Project No.: 20162810

Sample: S-1 Lab ID: 20162810006 Collected: 07/15/20 07:32 Received: 07/20/20 10:30

Results reported on a "wet-weight" basis



Parameters	Results	Units	Report Limit	DF	Prepared	Analysis Date	CAS No.	Qual
<b>8270 MSSV Semivolatiles</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
Pace Analytical Services - New Orleans								
2,4-Dimethylphenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	105-67-9	
Dimethylphthalate	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	822	1	07/17/20 09:24	07/20/20 15:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	117-81-7	
Fluoranthene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	206-44-0	
Fluorene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	87-68-3	
Hexachlorobenzene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	77-47-4	
Hexachloroethane	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	193-39-5	
Isophorone	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	78-59-1	
2-Methylnaphthalene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39		
Naphthalene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	91-20-3	
2-Nitroaniline	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	88-74-4	
3-Nitroaniline	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	99-09-2	
4-Nitroaniline	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	100-01-6	
Nitrobenzene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	98-95-3	
2-Nitrophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	88-75-5	
4-Nitrophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	108-60-1	
Pentachlorophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	87-86-5	
Phenanthrene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	85-01-8	
Phenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	108-95-2	
Pyrene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 15:39	88-06-2	
<b>Surrogates</b>								
Terphenyl-d14 (S)	84	%	10-145	1	07/17/20 09:24	07/20/20 15:39	1718-51-0	
2,4,6-Tribromophenol (S)	48	%	10-138	1	07/17/20 09:24	07/20/20 15:39	118-79-6	
2-Fluorophenol (S)	53	%	10-129	1	07/17/20 09:24	07/20/20 15:39	367-12-4	
Phenol-d6 (S)	56	%	10-128	1	07/17/20 09:24	07/20/20 15:39	13127-88-3	
Nitrobenzene-d5 (S)	73	%	10-144	1	07/17/20 09:24	07/20/20 15:39	4165-60-0	
2-Fluorobiphenyl (S)	73	%	10-129	1	07/17/20 09:24	07/20/20 15:39	321-60-8	

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### ANALYTICAL RESULTS

Project: 20-0008  
Pace Project No.: 20162810



Sample: S-1 Lab ID: 20162810006 Collected: 07/15/20 07:32 Received: 07/17/20 12:45 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Matrix No.	Qual
<b>8260 MSV 5035 Low Level</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans					
Acetone	ND	ug/kg	10.8	1	07/17/20 12:45	07/17/20 17:14	67-64-1
Benzene	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	71-43-2
Bromodichloromethane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	75-27-4
Bromoform	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	75-25-2
Bromomethane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	74-83-9
2-Butanone (MEK)	ND	ug/kg	10.8	1	07/17/20 12:45	07/17/20 17:14	78-93-3
Carbon disulfide	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	75-15-0
Carbon tetrachloride	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	56-23-5
Chlorobenzene	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	108-90-7
Chloroethane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	75-00-3
Chloroform	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	67-66-3
Chloromethane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	74-87-3
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	96-12-8
Dibromochloromethane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	106-93-4
Dichlorodifluoromethane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	75-35-4
cis-1,2-Dichloroethene	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	156-59-2
trans-1,2-Dichloroethene	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	156-60-5
1,2-Dichloropropane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	78-87-5
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	10061-01-5
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	10061-02-6
Ethylbenzene	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	100-41-4
2-Hexanone	ND	ug/kg	10.8	1	07/17/20 12:45	07/17/20 17:14	591-78-6
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	98-82-8
Methyl acetate	ND	ug/kg	10.8	1	07/17/20 12:45	07/17/20 17:14	79-20-9
Methylene Chloride	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	75-09-2
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.8	1	07/17/20 12:45	07/17/20 17:14	108-10-1
Methyl-tert-butyl ether	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	1634-04-4
Styrene	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	100-42-5
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	79-34-5
Tetrachloroethene	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	127-18-4
Toluene	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	108-88-3
1,1,1-Trichloroethane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	71-55-6
1,1,2-Trichloroethane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	79-00-5
Trichloroethene	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	79-01-6
Trichlorofluoromethane	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	75-69-4
Vinyl chloride	ND	ug/kg	2.2	1	07/17/20 12:45	07/17/20 17:14	75-01-4
m&p-Xylene	ND	ug/kg	10.8	1	07/17/20 12:45	07/17/20 17:14	179601-23-1
o-Xylene	ND	ug/kg	5.4	1	07/17/20 12:45	07/17/20 17:14	95-47-6
<b>Surrogates</b>							
Toluene-d8 (S)	98	%	75-125	1	07/17/20 12:45	07/17/20 17:14	2037-26-5
4-Bromofluorobenzene (S)	101	%	64-139	1	07/17/20 12:45	07/17/20 17:14	460-00-4

### REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**



Project: 20-0008  
Pace Project No.: 20162810

**Sample: S-1**      **Lab ID: 20162810006**      Collected: 07/15/20 07:32      Received: 07/15/20 07:32      Matrix: Solid

*Results reported on a "wet-weight" basis*

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Low Level</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans						
<b>Surrogates</b>								
Dibromofluoromethane (S)	94	%.	66-143	1	07/17/20 12:45	07/17/20 17:14	1868-53-7	

**Sample: DUP-1**      **Lab ID: 20162810007**      Collected: 07/15/20 07:32      Received: 07/15/20 10:30      Matrix: Solid

*Results reported on a "wet-weight" basis*

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015M DRO/ORO Organics</b>		Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546 Pace Analytical Services - New Orleans						
Diesel Range Organic (C10-C28)	ND	mg/kg	9.7	1	07/17/20 10:32	07/17/20 15:39		
Oil Range Organics (>C28-C40)	ND	mg/kg	48.3	1	07/17/20 10:32	07/17/20 15:39		
<b>Surrogates</b>								
o-Terphenyl (S)	61	%.	16-127	1	07/17/20 10:32	07/17/20 15:39	84-15-1	
n-Pentacosane (S)	62	%.	16-147	1	07/17/20 10:32	07/17/20 15:39	629-99-2	

**8021 GCV BTEX, MTBE, GRO Med L**      Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B  
Pace Analytical Services - New Orleans

Gasoline Range Organics	ND	ug/kg	2540	1	07/16/20 16:20	07/16/20 18:52		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	91	%.	63-132	1	07/16/20 16:20	07/16/20 18:52	460-00-4	

**6010 Metals, Total**      Analytical Method: EPA 6010 Preparation Method: EPA 3050  
Pace Analytical Services - New Orleans

Antimony	ND	mg/kg	2.6	1	07/21/20 08:42	07/22/20 10:32	7440-36-0	
Arsenic	ND	mg/kg	0.88	1	07/21/20 08:42	07/22/20 10:32	7440-38-2	
Beryllium	ND	mg/kg	0.44	1	07/21/20 08:42	07/22/20 10:32	7440-41-7	
Cadmium	ND	mg/kg	0.44	1	07/21/20 08:42	07/22/20 10:32	7440-43-9	
Chromium	ND	mg/kg	0.88	1	07/21/20 08:42	07/22/20 10:32	7440-47-3	
Copper	87.7	mg/kg	0.88	1	07/21/20 08:42	07/22/20 10:32	7440-50-8	
Lead	1.3	mg/kg	0.44	1	07/21/20 08:42	07/22/20 10:32	7439-92-1	
Nickel	ND	mg/kg	3.5	1	07/21/20 08:42	07/22/20 10:32	7440-02-0	
Selenium	ND	mg/kg	1.8	1	07/21/20 08:42	07/22/20 10:32	7782-49-2	
Silver	ND	mg/kg	0.88	1	07/21/20 08:42	07/22/20 10:32	7440-22-4	
Thallium	ND	mg/kg	0.44	1	07/21/20 08:42	07/22/20 10:32	7440-28-0	
Zinc	59.0	mg/kg	4.4	1	07/21/20 08:42	07/22/20 10:32	7440-66-6	

**7471 Mercury**      Analytical Method: EPA 7471 Preparation Method: EPA 7471  
Pace Analytical Services - New Orleans

Mercury	ND	mg/kg	0.015	1	07/22/20 13:54	07/23/20 13:12	7439-97-6	
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**8270 MSSV Semivolatiles**      Analytical Method: EPA 8270 Preparation Method: EPA 3546  
Pace Analytical Services - New Orleans

Acenaphthene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	83-32-9	
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**ANALYTICAL RESULTS**

Project: 20-0008  
Pace Project No.: 20162810



Sample: DUP-1 Lab ID: 20162810007 Collected: 07/15/20 07:32 Received: 07/17/20 09:30

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Semivolatiles</b>								
Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Pace Analytical Services - New Orleans								
Acenaphthylene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	208-96-8	
Anthracene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	120-12-7	
Benzo(a)anthracene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	56-55-3	
Benzo(a)pyrene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	207-08-9	
Benzoic acid	ND	ug/kg	823	1	07/17/20 09:24	07/20/20 16:06	65-85-0	
Benzyl alcohol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	101-55-3	
Butylbenzylphthalate	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	85-68-7	
Carbazole	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	59-50-7	
3&4-Chloroaniline	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06		
bis(2-Chloroethoxy)methane	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	111-44-4	
2-Chloronaphthalene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	91-58-7	
2-Chlorophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	7005-72-3	
Chrysene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	53-70-3	
Dibenzofuran	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	661	1	07/17/20 09:24	07/20/20 16:06	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	120-83-2	
Diethylphthalate	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	105-67-9	
Dimethylphthalate	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	131-11-3	
Di-n-butylphthalate	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	823	1	07/17/20 09:24	07/20/20 16:06	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	606-20-2	
Di-n-octylphthalate	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	117-81-7	
Fluoranthene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	206-44-0	
Fluorene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	87-68-3	
Hexachlorobenzene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	77-47-4	
Hexachloroethane	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	193-39-5	
Isophorone	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	78-59-1	

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### ANALYTICAL RESULTS



Project: 20-0008  
Pace Project No.: 20162810

**Sample: DUP-1**      **Lab ID: 20162810007**      Collected: 07/15/20 07:32      Received: 07/17/20 09:24      Solid

**Results reported on a "wet-weight" basis**

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Semivolatiles</b>								
Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Pace Analytical Services - New Orleans								
2-Methylnaphthalene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06		
Naphthalene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	91-20-3	
2-Nitroaniline	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	88-74-4	
3-Nitroaniline	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	99-09-2	
4-Nitroaniline	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	100-01-6	
Nitrobenzene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	98-95-3	
2-Nitrophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	88-75-5	
4-Nitrophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	108-60-1	
Pentachlorophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	87-86-5	
Phenanthrene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	85-01-8	
Phenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	108-95-2	
Pyrene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	327	1	07/17/20 09:24	07/20/20 16:06	88-06-2	
<b>Surrogates</b>								
Terphenyl-d14 (S)	77	%	10-145	1	07/17/20 09:24	07/20/20 16:06	1718-51-0	
2,4,6-Tribromophenol (S)	52	%	10-138	1	07/17/20 09:24	07/20/20 16:06	118-79-6	
2-Fluorophenol (S)	50	%	10-129	1	07/17/20 09:24	07/20/20 16:06	367-12-4	
Phenol-d6 (S)	54	%	10-128	1	07/17/20 09:24	07/20/20 16:06	13127-88-3	
Nitrobenzene-d5 (S)	65	%	10-144	1	07/17/20 09:24	07/20/20 16:06	4165-60-0	
2-Fluorobiphenyl (S)	66	%	10-129	1	07/17/20 09:24	07/20/20 16:06	321-60-8	
<b>8260 MSV 5035 Low Level</b>								
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Pace Analytical Services - New Orleans								
Acetone	12.7	ug/kg	10.2	1	07/17/20 12:45	07/17/20 17:33	67-64-1	
Benzene	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	71-43-2	
Bromodichloromethane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	75-27-4	
Bromoform	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	75-25-2	
Bromomethane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10.2	1	07/17/20 12:45	07/17/20 17:33	78-93-3	
Carbon disulfide	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	108-90-7	
Chloroethane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	75-00-3	
Chloroform	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	67-66-3	
Chloromethane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	96-12-8	
Dibromochloromethane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	106-93-4	

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**ANALYTICAL RESULTS**

Project: 20-0008  
Pace Project No.: 20162810



**Sample: DUP-1** Lab ID: 20162810007 Collected: 07/15/20 07:32 Received: 07/17/20 12:45 Matrix: Solid

*Results reported on a "wet-weight" basis*

Parameters	Results	Units	Report Limit	DF	Prepared	Analized	CAS No.	Qual
<b>8260 MSV 5035 Low Level</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans						
Dichlorodifluoromethane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	10061-02-6	
Ethylbenzene	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	100-41-4	
2-Hexanone	ND	ug/kg	10.2	1	07/17/20 12:45	07/17/20 17:33	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	98-82-8	
Methyl acetate	ND	ug/kg	10.2	1	07/17/20 12:45	07/17/20 17:33	79-20-9	
Methylene Chloride	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.2	1	07/17/20 12:45	07/17/20 17:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	1634-04-4	
Styrene	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	79-34-5	
Tetrachloroethene	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	127-18-4	
Toluene	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	79-00-5	
Trichloroethene	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	75-69-4	
Vinyl chloride	ND	ug/kg	2.0	1	07/17/20 12:45	07/17/20 17:33	75-01-4	
m&p-Xylene	ND	ug/kg	10.2	1	07/17/20 12:45	07/17/20 17:33	179601-23-1	
o-Xylene	ND	ug/kg	5.1	1	07/17/20 12:45	07/17/20 17:33	95-47-6	
<b>Surrogates</b>								
Toluene-d8 (S)	104	%	75-125	1	07/17/20 12:45	07/17/20 17:33	2037-26-5	
4-Bromofluorobenzene (S)	102	%	64-139	1	07/17/20 12:45	07/17/20 17:33	460-00-4	
Dibromofluoromethane (S)	93	%	66-143	1	07/17/20 12:45	07/17/20 17:33	1868-53-7	

**Sample: S-2** Lab ID: 20162810008 Collected: 07/15/20 07:47 Received: 07/15/20 10:30 Matrix: Solid

*Results reported on a "wet-weight" basis*

Parameters	Results	Units	Report Limit	DF	Prepared	Analized	CAS No.	Qual
<b>8015M DRO/ORO Organics</b>		Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546 Pace Analytical Services - New Orleans						
Diesel Range Organic (C10-C28)	ND	mg/kg	9.7	1	07/17/20 10:32	07/17/20 16:03		
Oil Range Organics (>C28-C40)	ND	mg/kg	48.6	1	07/17/20 10:32	07/17/20 16:03		
<b>Surrogates</b>								
o-Terphenyl (S)	52	%	16-127	1	07/17/20 10:32	07/17/20 16:03	84-15-1	
n-Pentacosane (S)	58	%	16-147	1	07/17/20 10:32	07/17/20 16:03	629-99-2	

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### ANALYTICAL RESULTS



Project: 20-0008  
Pace Project No.: 20162810

Sample: S-2 Lab ID: 20162810008 Collected: 07/15/20 07:47 Received: 07/15/20 10:40

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	Qual
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**8021 GCV BTEX, MTBE, GRO Med L** Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B  
Pace Analytical Services - New Orleans

Gasoline Range Organics	ND	ug/kg	2650	1	07/16/20 16:20	07/16/20 19:19	
<b>Surrogates</b>							
4-Bromofluorobenzene (S)	102	%	63-132	1	07/16/20 16:20	07/16/20 19:19	460-00-4

**6010 Metals, Total** Analytical Method: EPA 6010 Preparation Method: EPA 3050  
Pace Analytical Services - New Orleans

Antimony	ND	mg/kg	2.5	1	07/21/20 08:42	07/22/20 10:36	7440-36-0
Arsenic	ND	mg/kg	0.83	1	07/21/20 08:42	07/22/20 10:36	7440-38-2
Beryllium	ND	mg/kg	0.42	1	07/21/20 08:42	07/22/20 10:36	7440-41-7
Cadmium	ND	mg/kg	0.42	1	07/21/20 08:42	07/22/20 10:36	7440-43-9
Chromium	<b>0.92</b>	mg/kg	0.83	1	07/21/20 08:42	07/22/20 10:36	7440-47-3
Copper	<b>135</b>	mg/kg	0.83	1	07/21/20 08:42	07/22/20 10:36	7440-50-8
Lead	<b>1.5</b>	mg/kg	0.42	1	07/21/20 08:42	07/22/20 10:36	7439-92-1
Nickel	ND	mg/kg	3.3	1	07/21/20 08:42	07/22/20 10:36	7440-02-0
Selenium	ND	mg/kg	1.7	1	07/21/20 08:42	07/22/20 10:36	7782-49-2
Silver	ND	mg/kg	0.83	1	07/21/20 08:42	07/22/20 10:36	7440-22-4
Thallium	ND	mg/kg	0.42	1	07/21/20 08:42	07/22/20 10:36	7440-28-0
Zinc	<b>32.4</b>	mg/kg	4.2	1	07/21/20 08:42	07/22/20 10:36	7440-66-6

**7471 Mercury** Analytical Method: EPA 7471 Preparation Method: EPA 7471  
Pace Analytical Services - New Orleans

Mercury	ND	mg/kg	0.018	1	07/22/20 13:54	07/23/20 13:14	7439-97-6
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**8270 MSSV Semivolatiles** Analytical Method: EPA 8270 Preparation Method: EPA 3546  
Pace Analytical Services - New Orleans

Acenaphthene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	83-32-9
Acenaphthylene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	208-96-8
Anthracene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	120-12-7
Benzo(a)anthracene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	56-55-3
Benzo(a)pyrene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	50-32-8
Benzo(b)fluoranthene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	205-99-2
Benzo(g,h,i)perylene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	191-24-2
Benzo(k)fluoranthene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	207-08-9
Benzoic acid	ND	ug/kg	826	1	07/17/20 09:24	07/20/20 16:33	65-85-0
Benzyl alcohol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	100-51-6
4-Bromophenylphenyl ether	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	101-55-3
Butylbenzylphthalate	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	85-68-7
Carbazole	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	86-74-8
4-Chloro-3-methylphenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	59-50-7
3&4-Chloroaniline	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	
bis(2-Chloroethoxy)methane	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	111-91-1
bis(2-Chloroethyl) ether	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	111-44-4
2-Chloronaphthalene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	91-58-7
2-Chlorophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	95-57-8
4-Chlorophenylphenyl ether	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	7005-72-3

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### ANALYTICAL RESULTS

Project: 20-0008  
Pace Project No.: 20162810



Sample: S-2 Lab ID: 20162810008 Collected: 07/15/20 07:47 Received: 07/15/20 09:00

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	Lab No.	Qual
<b>8270 MSSV Semivolatiles</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans						
Chrysene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	53-70-3	
Dibenzofuran	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	664	1	07/17/20 09:24	07/20/20 16:33	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	120-83-2	
Diethylphthalate	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	105-67-9	
Dimethylphthalate	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	131-11-3	
Di-n-butylphthalate	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	826	1	07/17/20 09:24	07/20/20 16:33	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	606-20-2	
Di-n-octylphthalate	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	117-81-7	
Fluoranthene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	206-44-0	
Fluorene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	87-68-3	
Hexachlorobenzene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	77-47-4	
Hexachloroethane	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	193-39-5	
Isophorone	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	78-59-1	
2-Methylnaphthalene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33		
Naphthalene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	91-20-3	
2-Nitroaniline	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	88-74-4	
3-Nitroaniline	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	99-09-2	
4-Nitroaniline	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	100-01-6	
Nitrobenzene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	98-95-3	
2-Nitrophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	88-75-5	
4-Nitrophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	108-60-1	
Pentachlorophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	87-86-5	
Phenanthrene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	85-01-8	
Phenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	108-95-2	
Pyrene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	95-95-4	

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### ANALYTICAL RESULTS

Project: 20-0008  
Pace Project No.: 20162810



Sample: S-2 Lab ID: 20162810008 Collected: 07/15/20 07:47 Received: 07/15/20 09:23 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	CAS No.	Qual
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**8270 MSSV Semivolatiles**

Analytical Method: EPA 8270 Preparation Method: EPA 3546  
Pace Analytical Services - New Orleans

2,4,6-Trichlorophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 16:33	88-06-2
<b>Surrogates</b>							
Terphenyl-d14 (S)	88	%	10-145	1	07/17/20 09:24	07/20/20 16:33	1718-51-0
2,4,6-Tribromophenol (S)	61	%	10-138	1	07/17/20 09:24	07/20/20 16:33	118-79-6
2-Fluorophenol (S)	71	%	10-129	1	07/17/20 09:24	07/20/20 16:33	367-12-4
Phenol-d6 (S)	71	%	10-128	1	07/17/20 09:24	07/20/20 16:33	13127-88-3
Nitrobenzene-d5 (S)	74	%	10-144	1	07/17/20 09:24	07/20/20 16:33	4165-60-0
2-Fluorobiphenyl (S)	74	%	10-129	1	07/17/20 09:24	07/20/20 16:33	321-60-8

**8260 MSV 5035 Low Level**

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B  
Pace Analytical Services - New Orleans

Acetone	ND	ug/kg	10.1	1	07/23/20 10:00	07/23/20 13:34	67-64-1
Benzene	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	71-43-2
Bromodichloromethane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	75-27-4
Bromoform	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	75-25-2
Bromomethane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	74-83-9
2-Butanone (MEK)	ND	ug/kg	10.1	1	07/23/20 10:00	07/23/20 13:34	78-93-3
Carbon disulfide	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	75-15-0
Carbon tetrachloride	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	56-23-5
Chlorobenzene	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	108-90-7
Chloroethane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	75-00-3
Chloroform	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	67-66-3
Chloromethane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	74-87-3
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	96-12-8
Dibromochloromethane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	106-93-4
Dichlorodifluoromethane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	75-35-4
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	156-59-2
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	156-60-5
1,2-Dichloropropane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	78-87-5
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	10061-01-5
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	10061-02-6
Ethylbenzene	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	100-41-4
2-Hexanone	ND	ug/kg	10.1	1	07/23/20 10:00	07/23/20 13:34	591-78-6
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	98-82-8
Methyl acetate	ND	ug/kg	10.1	1	07/23/20 10:00	07/23/20 13:34	79-20-9
Methylene Chloride	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	75-09-2
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.1	1	07/23/20 10:00	07/23/20 13:34	108-10-1
Methyl-tert-butyl ether	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	1634-04-4
Styrene	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	100-42-5
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	79-34-5
Tetrachloroethene	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	127-18-4

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### ANALYTICAL RESULTS



Project: 20-0008  
Pace Project No.: 20162810

Sample: S-2 Lab ID: 20162810008 Collected: 07/15/20 07:47 Received: 07/23/20 10:30

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Low Level</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans						
Toluene	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	79-00-5	
Trichloroethene	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	75-69-4	
Vinyl chloride	ND	ug/kg	2.0	1	07/23/20 10:00	07/23/20 13:34	75-01-4	
m&p-Xylene	ND	ug/kg	10.1	1	07/23/20 10:00	07/23/20 13:34	179601-23-1	
o-Xylene	ND	ug/kg	5.1	1	07/23/20 10:00	07/23/20 13:34	95-47-6	
<b>Surrogates</b>								
Toluene-d8 (S)	104	%	75-125	1	07/23/20 10:00	07/23/20 13:34	2037-26-5	
4-Bromofluorobenzene (S)	104	%	64-139	1	07/23/20 10:00	07/23/20 13:34	460-00-4	
Dibromofluoromethane (S)	99	%	66-143	1	07/23/20 10:00	07/23/20 13:34	1868-53-7	

Sample: S-3 Lab ID: 20162810009 Collected: 07/15/20 07:59 Received: 07/15/20 10:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015M DRO/ORO Organics</b>		Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546 Pace Analytical Services - New Orleans						
Diesel Range Organic (C10-C28)	ND	mg/kg	9.8	1	07/17/20 10:32	07/17/20 16:26		
Oil Range Organics (>C28-C40)	ND	mg/kg	48.9	1	07/17/20 10:32	07/17/20 16:26		
<b>Surrogates</b>								
o-Terphenyl (S)	63	%	16-127	1	07/17/20 10:32	07/17/20 16:26	84-15-1	
n-Pentacosane (S)	61	%	16-147	1	07/17/20 10:32	07/17/20 16:26	629-99-2	
<b>8021 GCV BTEX, MTBE, GRO Med L</b>		Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B Pace Analytical Services - New Orleans						
Gasoline Range Organics	ND	ug/kg	2440	1	07/16/20 16:20	07/16/20 19:45		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	101	%	63-132	1	07/16/20 16:20	07/16/20 19:45	460-00-4	
<b>6010 Metals, Total</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans						
Antimony	ND	mg/kg	2.9	1	07/21/20 08:42	07/22/20 10:39	7440-36-0	
Arsenic	ND	mg/kg	0.98	1	07/21/20 08:42	07/22/20 10:39	7440-38-2	
Beryllium	ND	mg/kg	0.49	1	07/21/20 08:42	07/22/20 10:39	7440-41-7	
Cadmium	ND	mg/kg	0.49	1	07/21/20 08:42	07/22/20 10:39	7440-43-9	
Chromium	ND	mg/kg	0.98	1	07/21/20 08:42	07/22/20 10:39	7440-47-3	
Copper	37.3	mg/kg	0.98	1	07/21/20 08:42	07/22/20 10:39	7440-50-8	
Lead	1.2	mg/kg	0.49	1	07/21/20 08:42	07/22/20 10:39	7439-92-1	
Nickel	ND	mg/kg	3.9	1	07/21/20 08:42	07/22/20 10:39	7440-02-0	
Selenium	ND	mg/kg	2.0	1	07/21/20 08:42	07/22/20 10:39	7782-49-2	
Silver	ND	mg/kg	0.98	1	07/21/20 08:42	07/22/20 10:39	7440-22-4	

### REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**

Project: 20-0008  
Pace Project No.: 20162810



Sample: S-3 Lab ID: 20162810009 Collected: 07/15/20 07:59 Received: 07/15/20 08:42 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	CAS No.	Qual
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**6010 Metals, Total**

Analytical Method: EPA 6010 Preparation Method: EPA 3050  
Pace Analytical Services - New Orleans

Thallium	ND	mg/kg	0.49	1	07/21/20 08:42	07/22/20 10:39	7440-28-0
Zinc	33.9	mg/kg	4.9	1	07/21/20 08:42	07/22/20 10:39	7440-66-6

**7471 Mercury**

Analytical Method: EPA 7471 Preparation Method: EPA 7471  
Pace Analytical Services - New Orleans

Mercury	0.098	mg/kg	0.015	1	07/22/20 13:54	07/23/20 13:17	7439-97-6
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**8270 MSSV Semivolatiles**

Analytical Method: EPA 8270 Preparation Method: EPA 3546  
Pace Analytical Services - New Orleans

Acenaphthene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	83-32-9
Acenaphthylene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	208-96-8
Anthracene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	120-12-7
Benzo(a)anthracene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	56-55-3
Benzo(a)pyrene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	50-32-8
Benzo(b)fluoranthene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	205-99-2
Benzo(g,h,i)perylene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	191-24-2
Benzo(k)fluoranthene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	207-08-9
Benzoic acid	ND	ug/kg	826	1	07/17/20 09:24	07/20/20 17:00	65-85-0
Benzyl alcohol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	100-51-6
4-Bromophenylphenyl ether	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	101-55-3
Butylbenzylphthalate	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	85-68-7
Carbazole	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	86-74-8
4-Chloro-3-methylphenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	59-50-7
3&4-Chloroaniline	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	
bis(2-Chloroethoxy)methane	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	111-91-1
bis(2-Chloroethyl) ether	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	111-44-4
2-Chloronaphthalene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	91-58-7
2-Chlorophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	95-57-8
4-Chlorophenylphenyl ether	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	7005-72-3
Chrysene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	218-01-9
Dibenz(a,h)anthracene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	53-70-3
Dibenzofuran	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	132-64-9
1,2-Dichlorobenzene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	106-46-7
3,3'-Dichlorobenzidine	ND	ug/kg	663	1	07/17/20 09:24	07/20/20 17:00	91-94-1
2,4-Dichlorophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	120-83-2
Diethylphthalate	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	84-66-2
2,4-Dimethylphenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	105-67-9
Dimethylphthalate	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	131-11-3
Di-n-butylphthalate	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	84-74-2
4,6-Dinitro-2-methylphenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	534-52-1
2,4-Dinitrophenol	ND	ug/kg	826	1	07/17/20 09:24	07/20/20 17:00	51-28-5
2,4-Dinitrotoluene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	121-14-2
2,6-Dinitrotoluene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	606-20-2

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### ANALYTICAL RESULTS

Project: 20-0008  
Pace Project No.: 20162810



Sample: S-3 Lab ID: 20162810009 Collected: 07/15/20 07:59 Received: 07/16/20 10:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analysis	CAS No.	Qual
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**8270 MSSV Semivolatiles**

Analytical Method: EPA 8270 Preparation Method: EPA 3546  
Pace Analytical Services - New Orleans

Di-n-octylphthalate	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	117-81-7	
Fluoranthene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	206-44-0	
Fluorene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	87-68-3	
Hexachlorobenzene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	77-47-4	
Hexachloroethane	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	193-39-5	
Isophorone	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	78-59-1	
2-Methylnaphthalene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00		
Naphthalene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	91-20-3	
2-Nitroaniline	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	88-74-4	
3-Nitroaniline	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	99-09-2	
4-Nitroaniline	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	100-01-6	
Nitrobenzene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	98-95-3	
2-Nitrophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	88-75-5	
4-Nitrophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	108-60-1	
Pentachlorophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	87-86-5	
Phenanthrene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	85-01-8	
Phenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	108-95-2	
Pyrene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	328	1	07/17/20 09:24	07/20/20 17:00	88-06-2	

**Surrogates**

Terphenyl-d14 (S)	77	%	10-145	1	07/17/20 09:24	07/20/20 17:00	1718-51-0	
2,4,6-Tribromophenol (S)	33	%	10-138	1	07/17/20 09:24	07/20/20 17:00	118-79-6	
2-Fluorophenol (S)	42	%	10-129	1	07/17/20 09:24	07/20/20 17:00	367-12-4	
Phenol-d6 (S)	45	%	10-128	1	07/17/20 09:24	07/20/20 17:00	13127-88-3	
Nitrobenzene-d5 (S)	67	%	10-144	1	07/17/20 09:24	07/20/20 17:00	4165-60-0	
2-Fluorobiphenyl (S)	67	%	10-129	1	07/17/20 09:24	07/20/20 17:00	321-60-8	

**8260 MSV 5035 Low Level**

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B  
Pace Analytical Services - New Orleans

Acetone	ND	ug/kg	9.9	1	07/20/20 12:00	07/20/20 14:21	67-64-1	
Benzene	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	71-43-2	
Bromodichloromethane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	75-27-4	
Bromoform	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	75-25-2	
Bromomethane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	74-83-9	

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### ANALYTICAL RESULTS



Project: 20-0008  
Pace Project No.: 20162810

Sample: S-3 Lab ID: 20162810009 Collected: 07/15/20 07:59 Received: 07/20/20 10:30

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	LC#	Qual
<b>8260 MSV 5035 Low Level</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans						
2-Butanone (MEK)	ND	ug/kg	9.9	1	07/20/20 12:00	07/20/20 14:21	78-93-3	
Carbon disulfide	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	108-90-7	
Chloroethane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	75-00-3	
Chloroform	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	67-66-3	
Chloromethane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	96-12-8	
Dibromochloromethane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	106-93-4	
Dichlorodifluoromethane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	100-41-4	
2-Hexanone	ND	ug/kg	9.9	1	07/20/20 12:00	07/20/20 14:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	98-82-8	
Methyl acetate	ND	ug/kg	9.9	1	07/20/20 12:00	07/20/20 14:21	79-20-9	
Methylene Chloride	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.9	1	07/20/20 12:00	07/20/20 14:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	1634-04-4	
Styrene	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	127-18-4	
Toluene	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	75-69-4	
Vinyl chloride	ND	ug/kg	2.0	1	07/20/20 12:00	07/20/20 14:21	75-01-4	
m&p-Xylene	ND	ug/kg	9.9	1	07/20/20 12:00	07/20/20 14:21	179601-23-1	
o-Xylene	ND	ug/kg	4.9	1	07/20/20 12:00	07/20/20 14:21	95-47-6	
<b>Surrogates</b>								
Toluene-d8 (S)	99	%	75-125	1	07/20/20 12:00	07/20/20 14:21	2037-26-5	
4-Bromofluorobenzene (S)	101	%	64-139	1	07/20/20 12:00	07/20/20 14:21	460-00-4	
Dibromofluoromethane (S)	104	%	66-143	1	07/20/20 12:00	07/20/20 14:21	1868-53-7	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS



Project: 20-0008  
Pace Project No.: 20162810

Sample: S-4 Lab ID: 20162810010 Collected: 07/15/20 08:11 Received: 07/15/20 10:30

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	Qual
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**8015M DRO/ORO Organics**

Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546  
Pace Analytical Services - New Orleans

Diesel Range Organic (C10-C28)	ND	mg/kg	9.9	1	07/17/20 10:32	07/17/20 16:49	
Oil Range Organics (>C28-C40)	ND	mg/kg	49.6	1	07/17/20 10:32	07/17/20 16:49	
<b>Surrogates</b>							
o-Terphenyl (S)	69	%.	16-127	1	07/17/20 10:32	07/17/20 16:49	84-15-1
n-Pentacosane (S)	73	%.	16-147	1	07/17/20 10:32	07/17/20 16:49	629-99-2

**8021 GCV BTEX, MTBE, GRO Med L**

Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B  
Pace Analytical Services - New Orleans

Gasoline Range Organics	ND	ug/kg	2530	1	07/16/20 16:20	07/16/20 20:12	
<b>Surrogates</b>							
4-Bromofluorobenzene (S)	98	%.	63-132	1	07/16/20 16:20	07/16/20 20:12	460-00-4

**6010 Metals, Total**

Analytical Method: EPA 6010 Preparation Method: EPA 3050  
Pace Analytical Services - New Orleans

Antimony	ND	mg/kg	2.1	1	07/21/20 08:42	07/22/20 10:52	7440-36-0
Arsenic	3.1	mg/kg	0.69	1	07/21/20 08:42	07/22/20 10:52	7440-38-2
Beryllium	0.44	mg/kg	0.35	1	07/21/20 08:42	07/22/20 10:52	7440-41-7
Cadmium	2.9	mg/kg	0.35	1	07/21/20 08:42	07/22/20 10:52	7440-43-9
Chromium	2.3	mg/kg	0.69	1	07/21/20 08:42	07/22/20 10:52	7440-47-3
Copper	51.1	mg/kg	0.69	1	07/21/20 08:42	07/22/20 10:52	7440-50-8
Lead	6.9	mg/kg	0.35	1	07/21/20 08:42	07/22/20 10:52	7439-92-1
Nickel	ND	mg/kg	2.8	1	07/21/20 08:42	07/22/20 10:52	7440-02-0
Selenium	ND	mg/kg	1.4	1	07/21/20 08:42	07/22/20 10:52	7782-49-2
Silver	0.98	mg/kg	0.69	1	07/21/20 08:42	07/22/20 10:52	7440-22-4
Thallium	1.2	mg/kg	0.35	1	07/21/20 08:42	07/22/20 10:52	7440-28-0
Zinc	639	mg/kg	3.5	1	07/21/20 08:42	07/22/20 10:52	7440-66-6

**7471 Mercury**

Analytical Method: EPA 7471 Preparation Method: EPA 7471  
Pace Analytical Services - New Orleans

Mercury	0.11	mg/kg	0.019	1	07/22/20 13:54	07/23/20 13:19	7439-97-6
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**8270 MSSV Semivolatiles**

Analytical Method: EPA 8270 Preparation Method: EPA 3546  
Pace Analytical Services - New Orleans

Acenaphthene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	83-32-9
Acenaphthylene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	208-96-8
Anthracene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	120-12-7
Benzo(a)anthracene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	56-55-3
Benzo(a)pyrene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	50-32-8
Benzo(b)fluoranthene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	205-99-2
Benzo(g,h,i)perylene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	191-24-2
Benzo(k)fluoranthene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	207-08-9
Benzoic acid	ND	ug/kg	829	1	07/17/20 09:24	07/20/20 22:55	65-85-0
Benzyl alcohol	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	100-51-6
4-Bromophenylphenyl ether	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	101-55-3
Butylbenzylphthalate	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	85-68-7

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### ANALYTICAL RESULTS

Project: 20-0008  
Pace Project No.: 20162810



Sample: S-4 Lab ID: 20162810010 Collected: 07/15/20 08:11 Received: 07/17/20 09:30

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	MS No.	Qual
<b>8270 MSSV Semivolatiles</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans						
Carbazole	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	59-50-7	
3&4-Chloroaniline	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55		
bis(2-Chloroethoxy)methane	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	111-44-4	
2-Chloronaphthalene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	91-58-7	
2-Chlorophenol	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	7005-72-3	
Chrysene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	53-70-3	
Dibenzofuran	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	667	1	07/17/20 09:24	07/20/20 22:55	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	120-83-2	
Diethylphthalate	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	105-67-9	
Dimethylphthalate	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	131-11-3	
Di-n-butylphthalate	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	829	1	07/17/20 09:24	07/20/20 22:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	606-20-2	
Di-n-octylphthalate	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	117-81-7	
Fluoranthene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	206-44-0	
Fluorene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	87-68-3	
Hexachlorobenzene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	77-47-4	
Hexachloroethane	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	193-39-5	
Isophorone	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	78-59-1	
2-Methylnaphthalene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55		
Naphthalene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	91-20-3	
2-Nitroaniline	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	88-74-4	
3-Nitroaniline	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	99-09-2	
4-Nitroaniline	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	100-01-6	
Nitrobenzene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	98-95-3	
2-Nitrophenol	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	88-75-5	
4-Nitrophenol	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	621-64-7	

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## ANALYTICAL RESULTS

Project: 20-0008  
Pace Project No.: 20162810



Sample: S-4 Lab ID: 20162810010 Collected: 07/15/20 08:11 Received: 07/22/20 10:30

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Semivolatiles</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans						
N-Nitrosodiphenylamine	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	108-60-1	
Pentachlorophenol	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	87-86-5	
Phenanthrene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	85-01-8	
Phenol	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	108-95-2	
Pyrene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	1	07/17/20 09:24	07/20/20 22:55	88-06-2	
<b>Surrogates</b>								
Terphenyl-d14 (S)	111	%	10-145	1	07/17/20 09:24	07/20/20 22:55	1718-51-0	
2,4,6-Tribromophenol (S)	68	%	10-138	1	07/17/20 09:24	07/20/20 22:55	118-79-6	
2-Fluorophenol (S)	70	%	10-129	1	07/17/20 09:24	07/20/20 22:55	367-12-4	
Phenol-d6 (S)	72	%	10-128	1	07/17/20 09:24	07/20/20 22:55	13127-88-3	
Nitrobenzene-d5 (S)	76	%	10-144	1	07/17/20 09:24	07/20/20 22:55	4165-60-0	
2-Fluorobiphenyl (S)	78	%	10-129	1	07/17/20 09:24	07/20/20 22:55	321-60-8	
<b>8260 MSV 5035 Low Level</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans						
Acetone	ND	ug/kg	9.2	1	07/17/20 12:45	07/17/20 18:30	67-64-1	
Benzene	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	71-43-2	
Bromodichloromethane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	75-27-4	
Bromoform	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	75-25-2	
Bromomethane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	74-83-9	
2-Butanone (MEK)	ND	ug/kg	9.2	1	07/17/20 12:45	07/17/20 18:30	78-93-3	
Carbon disulfide	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	108-90-7	
Chloroethane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	75-00-3	
Chloroform	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	67-66-3	
Chloromethane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	96-12-8	
Dibromochloromethane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	106-93-4	
Dichlorodifluoromethane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	100-41-4	
2-Hexanone	ND	ug/kg	9.2	1	07/17/20 12:45	07/17/20 18:30	591-78-6	

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### ANALYTICAL RESULTS



Project: 20-0008  
Pace Project No.: 20162810

Sample: S-4 Lab ID: 20162810010 Collected: 07/15/20 08:11 Received: 07/17/20 12:45

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Anal. No.	Qual
<b>8260 MSV 5035 Low Level</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans					
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	98-82-8
Methyl acetate	ND	ug/kg	9.2	1	07/17/20 12:45	07/17/20 18:30	79-20-9
Methylene Chloride	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	75-09-2
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.2	1	07/17/20 12:45	07/17/20 18:30	108-10-1
Methyl-tert-butyl ether	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	1634-04-4
Styrene	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	100-42-5
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	79-34-5
Tetrachloroethene	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	127-18-4
Toluene	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	108-88-3
1,1,1-Trichloroethane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	71-55-6
1,1,2-Trichloroethane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	79-00-5
Trichloroethene	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	79-01-6
Trichlorofluoromethane	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	75-69-4
Vinyl chloride	ND	ug/kg	1.8	1	07/17/20 12:45	07/17/20 18:30	75-01-4
m&p-Xylene	ND	ug/kg	9.2	1	07/17/20 12:45	07/17/20 18:30	179601-23-1
o-Xylene	ND	ug/kg	4.6	1	07/17/20 12:45	07/17/20 18:30	95-47-6
<b>Surrogates</b>							
Toluene-d8 (S)	100	%	75-125	1	07/17/20 12:45	07/17/20 18:30	2037-26-5
4-Bromofluorobenzene (S)	103	%	64-139	1	07/17/20 12:45	07/17/20 18:30	460-00-4
Dibromofluoromethane (S)	94	%	66-143	1	07/17/20 12:45	07/17/20 18:30	1868-53-7

Sample: S-5 Lab ID: 20162810011 Collected: 07/15/20 08:27 Received: 07/15/20 10:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015M DRO/ORO Organics</b>		Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546 Pace Analytical Services - New Orleans						
Diesel Range Organic (C10-C28)	ND	mg/kg	9.6	1	07/17/20 10:32	07/17/20 17:12		
Oil Range Organics (>C28-C40)	ND	mg/kg	47.8	1	07/17/20 10:32	07/17/20 17:12		
<b>Surrogates</b>								
o-Terphenyl (S)	67	%	16-127	1	07/17/20 10:32	07/17/20 17:12	84-15-1	
n-Pentacosane (S)	68	%	16-147	1	07/17/20 10:32	07/17/20 17:12	629-99-2	
<b>8021 GCV BTEX, MTBE, GRO Med L</b>		Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B Pace Analytical Services - New Orleans						
Gasoline Range Organics	ND	ug/kg	2480	1	07/16/20 16:20	07/16/20 20:38		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	102	%	63-132	1	07/16/20 16:20	07/16/20 20:38	460-00-4	
<b>6010 Metals, Total</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans						
Antimony	ND	mg/kg	2.9	1	07/21/20 08:42	07/22/20 10:56	7440-36-0	
Arsenic	2.0	mg/kg	0.96	1	07/21/20 08:42	07/22/20 10:56	7440-38-2	

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### ANALYTICAL RESULTS

Project: 20-0008  
Pace Project No.: 20162810



Sample: S-5 Lab ID: 20162810011 Collected: 07/15/20 08:27 Received: 07/22/20 10:56

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Received	Lab No.	Qual
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#### 6010 Metals, Total

Analytical Method: EPA 6010 Preparation Method: EPA 3050  
Pace Analytical Services - New Orleans

Beryllium	ND	mg/kg	0.48	1	07/21/20 08:42	07/22/20 10:56	7440-41-7	
Cadmium	1.0	mg/kg	0.48	1	07/21/20 08:42	07/22/20 10:56	7440-43-9	
Chromium	3.0	mg/kg	0.96	1	07/21/20 08:42	07/22/20 10:56	7440-47-3	
Copper	25.4	mg/kg	0.96	1	07/21/20 08:42	07/22/20 10:56	7440-50-8	
Lead	1.9	mg/kg	0.48	1	07/21/20 08:42	07/22/20 10:56	7439-92-1	
Nickel	ND	mg/kg	3.8	1	07/21/20 08:42	07/22/20 10:56	7440-02-0	
Selenium	ND	mg/kg	1.9	1	07/21/20 08:42	07/22/20 10:56	7782-49-2	
Silver	ND	mg/kg	0.96	1	07/21/20 08:42	07/22/20 10:56	7440-22-4	
Thallium	0.74	mg/kg	0.48	1	07/21/20 08:42	07/22/20 10:56	7440-28-0	
Zinc	198	mg/kg	4.8	1	07/21/20 08:42	07/22/20 10:56	7440-66-6	

#### 7471 Mercury

Analytical Method: EPA 7471 Preparation Method: EPA 7471  
Pace Analytical Services - New Orleans

Mercury	0.075	mg/kg	0.016	1	07/22/20 13:54	07/23/20 13:21	7439-97-6	
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#### 8270 MSSV Semivolatiles

Analytical Method: EPA 8270 Preparation Method: EPA 3546  
Pace Analytical Services - New Orleans

Acenaphthene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	83-32-9	
Acenaphthylene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	208-96-8	
Anthracene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	120-12-7	
Benzo(a)anthracene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	56-55-3	
Benzo(a)pyrene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	207-08-9	
Benzoic acid	ND	ug/kg	820	1	07/17/20 09:24	07/20/20 17:55	65-85-0	
Benzyl alcohol	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	101-55-3	
Butylbenzylphthalate	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	85-68-7	
Carbazole	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	59-50-7	
3&4-Chloroaniline	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55		
bis(2-Chloroethoxy)methane	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	111-44-4	
2-Chloronaphthalene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	91-58-7	
2-Chlorophenol	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	7005-72-3	
Chrysene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	53-70-3	
Dibenzofuran	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	659	1	07/17/20 09:24	07/20/20 17:55	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	120-83-2	

### REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**



Project: 20-0008  
Pace Project No.: 20162810

Sample: S-5 Lab ID: 20162810011 Collected: 07/15/20 08:27 Received: 07/17/20 10:58

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	City	State	Lab No.	Qual
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**8270 MSSV Semivolatiles**

Analytical Method: EPA 8270 Preparation Method: EPA 3546  
Pace Analytical Services - New Orleans

Diethylphthalate	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	105-67-9	
Dimethylphthalate	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	131-11-3	
Di-n-butylphthalate	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	820	1	07/17/20 09:24	07/20/20 17:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	606-20-2	
Di-n-octylphthalate	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	117-81-7	
Fluoranthene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	206-44-0	
Fluorene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	87-68-3	
Hexachlorobenzene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	77-47-4	
Hexachloroethane	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	193-39-5	
Isophorone	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	78-59-1	
2-Methylnaphthalene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55		
Naphthalene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	91-20-3	
2-Nitroaniline	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	88-74-4	
3-Nitroaniline	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	99-09-2	
4-Nitroaniline	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	100-01-6	
Nitrobenzene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	98-95-3	
2-Nitrophenol	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	88-75-5	
4-Nitrophenol	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	108-60-1	
Pentachlorophenol	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	87-86-5	
Phenanthrene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	85-01-8	
Phenol	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	108-95-2	
Pyrene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	326	1	07/17/20 09:24	07/20/20 17:55	88-06-2	
<b>Surrogates</b>								
Terphenyl-d14 (S)	75	%.	10-145	1	07/17/20 09:24	07/20/20 17:55	1718-51-0	
2,4,6-Tribromophenol (S)	49	%.	10-138	1	07/17/20 09:24	07/20/20 17:55	118-79-6	
2-Fluorophenol (S)	59	%.	10-129	1	07/17/20 09:24	07/20/20 17:55	367-12-4	
Phenol-d6 (S)	59	%.	10-128	1	07/17/20 09:24	07/20/20 17:55	13127-88-3	
Nitrobenzene-d5 (S)	64	%.	10-144	1	07/17/20 09:24	07/20/20 17:55	4165-60-0	
2-Fluorobiphenyl (S)	65	%.	10-129	1	07/17/20 09:24	07/20/20 17:55	321-60-8	

**REPORT OF LABORATORY ANALYSIS**

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### ANALYTICAL RESULTS

Project: 20-0008  
Pace Project No.: 20162810



Sample: S-5 Lab ID: 20162810011 Collected: 07/15/20 08:27 Received: 07/16/20 10:45

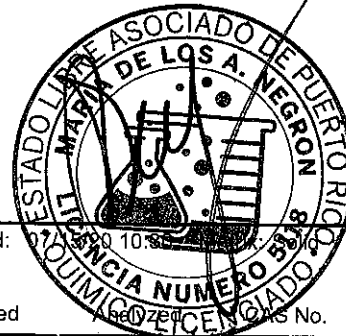
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Qual
<b>8260 MSV 5035 Low Level</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans				
Acetone	80.4	ug/kg	9.9	1	07/17/20 12:45 07/17/20 18:49	67-64-1
Benzene	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	71-43-2
Bromodichloromethane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	75-27-4
Bromoform	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	75-25-2
Bromomethane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	74-83-9
2-Butanone (MEK)	ND	ug/kg	9.9	1	07/17/20 12:45 07/17/20 18:49	78-93-3
Carbon disulfide	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	75-15-0
Carbon tetrachloride	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	56-23-5
Chlorobenzene	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	108-90-7
Chloroethane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	75-00-3
Chloroform	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	67-66-3
Chloromethane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	74-87-3
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	96-12-8
Dibromochloromethane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	106-93-4
Dichlorodifluoromethane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	75-35-4
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	156-59-2
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	156-60-5
1,2-Dichloropropane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	78-87-5
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	10061-01-5
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	10061-02-6
Ethylbenzene	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	100-41-4
2-Hexanone	ND	ug/kg	9.9	1	07/17/20 12:45 07/17/20 18:49	591-78-6
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	98-82-8
Methyl acetate	ND	ug/kg	9.9	1	07/17/20 12:45 07/17/20 18:49	79-20-9
Methylene Chloride	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	75-09-2
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.9	1	07/17/20 12:45 07/17/20 18:49	108-10-1
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	1634-04-4
Styrene	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	100-42-5
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	79-34-5
Tetrachloroethene	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	127-18-4
Toluene	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	108-88-3
1,1,1-Trichloroethane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	71-55-6
1,1,2-Trichloroethane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	79-00-5
Trichloroethene	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	79-01-6
Trichlorofluoromethane	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	75-69-4
Vinyl chloride	ND	ug/kg	2.0	1	07/17/20 12:45 07/17/20 18:49	75-01-4
m&p-Xylene	ND	ug/kg	9.9	1	07/17/20 12:45 07/17/20 18:49	179601-23-1
o-Xylene	ND	ug/kg	5.0	1	07/17/20 12:45 07/17/20 18:49	95-47-6
<b>Surrogates</b>						
Toluene-d8 (S)	99	%	75-125	1	07/17/20 12:45 07/17/20 18:49	2037-26-5
4-Bromofluorobenzene (S)	102	%	64-139	1	07/17/20 12:45 07/17/20 18:49	460-00-4

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS


 Project: 20-0008  
 Pace Project No.: 20162810

Sample: S-5 Lab ID: 20162810011 Collected: 07/15/20 08:27 Received: 07/17/20 10:30

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analized	CAS No.	Qual
<b>8260 MSV 5035 Low Level</b>								
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans								
<b>Surrogates</b>								
Dibromofluoromethane (S)	94	%.	66-143	1	07/17/20 12:45	07/17/20 18:49	1868-53-7	

Sample: S-6 Lab ID: 20162810012 Collected: 07/15/20 08:41 Received: 07/15/20 10:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analized	CAS No.	Qual
<b>8015M DRO/ORO Organics</b>								
Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546 Pace Analytical Services - New Orleans								
Diesel Range Organic (C10-C28)	ND	mg/kg	9.5	1	07/17/20 10:32	07/17/20 17:36		
Oil Range Organics (>C28-C40)	ND	mg/kg	47.5	1	07/17/20 10:32	07/17/20 17:36		
<b>Surrogates</b>								
o-Terphenyl (S)	66	%.	16-127	1	07/17/20 10:32	07/17/20 17:36	84-15-1	
n-Pentacosane (S)	69	%.	16-147	1	07/17/20 10:32	07/17/20 17:36	629-99-2	

 8021 GCV BTEX, MTBE, GRO Med L Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B  
 Pace Analytical Services - New Orleans

Gasoline Range Organics	ND	ug/kg	2740	1	07/16/20 16:20	07/16/20 21:05		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	95	%.	63-132	1	07/16/20 16:20	07/16/20 21:05	460-00-4	

 6010 Metals, Total Analytical Method: EPA 6010 Preparation Method: EPA 3050  
 Pace Analytical Services - New Orleans

Antimony	ND	mg/kg	1.7	1	07/21/20 08:42	07/22/20 11:00	7440-36-0	
Arsenic	2.3	mg/kg	0.57	1	07/21/20 08:42	07/22/20 11:00	7440-38-2	
Beryllium	ND	mg/kg	0.29	1	07/21/20 08:42	07/22/20 11:00	7440-41-7	
Cadmium	0.36	mg/kg	0.29	1	07/21/20 08:42	07/22/20 11:00	7440-43-9	
Chromium	6.0	mg/kg	0.57	1	07/21/20 08:42	07/22/20 11:00	7440-47-3	
Copper	88.6	mg/kg	0.57	1	07/21/20 08:42	07/22/20 11:00	7440-50-8	
Lead	10.1	mg/kg	0.29	1	07/21/20 08:42	07/22/20 11:00	7439-92-1	
Nickel	2.6	mg/kg	2.3	1	07/21/20 08:42	07/22/20 11:00	7440-02-0	
Selenium	ND	mg/kg	1.1	1	07/21/20 08:42	07/22/20 11:00	7782-49-2	
Silver	ND	mg/kg	0.57	1	07/21/20 08:42	07/22/20 11:00	7440-22-4	
Thallium	ND	mg/kg	0.29	1	07/21/20 08:42	07/22/20 11:00	7440-28-0	
Zinc	458	mg/kg	2.9	1	07/21/20 08:42	07/22/20 11:00	7440-66-6	

 7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471  
 Pace Analytical Services - New Orleans

Mercury	0.091	mg/kg	0.018	1	07/22/20 13:54	07/23/20 13:28	7439-97-6	
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 8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546  
 Pace Analytical Services - New Orleans

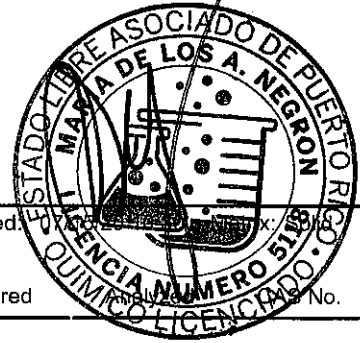
Acenaphthene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	83-32-9	
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## REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**

Project: 20-0008  
Pace Project No.: 20162810



Sample: S-6 Lab ID: 20162810012 Collected: 07/15/20 08:41 Received: 07/17/20 09:24

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	No.	Qual
<b>8270 MSSV Semivolatiles</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546					
		Pace Analytical Services - New Orleans					
Acenaphthylene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	208-96-8
Anthracene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	120-12-7
Benzo(a)anthracene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	56-55-3
Benzo(a)pyrene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	50-32-8
Benzo(b)fluoranthene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	205-99-2
Benzo(g,h,i)perylene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	191-24-2
Benzo(k)fluoranthene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	207-08-9
Benzoic acid	ND	ug/kg	817	1	07/17/20 09:24	07/20/20 23:22	65-85-0
Benzyl alcohol	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	100-51-6
4-Bromophenylphenyl ether,	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	101-55-3
Butylbenzylphthalate	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	85-68-7
Carbazole	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	86-74-8
4-Chloro-3-methylphenol	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	59-50-7
3&4-Chloroaniline	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	
bis(2-Chloroethoxy)methane	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	111-91-1
bis(2-Chloroethyl) ether	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	111-44-4
2-Chloronaphthalene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	91-58-7
2-Chlorophenol	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	95-57-8
4-Chlorophenylphenyl ether	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	7005-72-3
Chrysene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	218-01-9
Dibenz(a,h)anthracene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	53-70-3
Dibenzofuran	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	132-64-9
1,2-Dichlorobenzene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	106-46-7
3,3'-Dichlorobenzidine	ND	ug/kg	657	1	07/17/20 09:24	07/20/20 23:22	91-94-1
2,4-Dichlorophenol	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	120-83-2
Diethylphthalate	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	84-66-2
2,4-Dimethylphenol	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	105-67-9
Dimethylphthalate	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	131-11-3
Di-n-butylphthalate	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	84-74-2
4,6-Dinitro-2-methylphenol	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	534-52-1
2,4-Dinitrophenol	ND	ug/kg	817	1	07/17/20 09:24	07/20/20 23:22	51-28-5
2,4-Dinitrotoluene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	121-14-2
2,6-Dinitrotoluene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	606-20-2
Di-n-octylphthalate	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	117-84-0
bis(2-Ethylhexyl)phthalate	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	117-81-7
Fluoranthene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	206-44-0
Fluorene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	86-73-7
Hexachloro-1,3-butadiene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	87-68-3
Hexachlorobenzene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	118-74-1
Hexachlorocyclopentadiene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	77-47-4
Hexachloroethane	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	67-72-1
Indeno(1,2,3-cd)pyrene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	193-39-5
Isophorone	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	78-59-1

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**ANALYTICAL RESULTS**

Project: 20-0008  
Pace Project No.: 20162810



Sample: S-6 Lab ID: 20162810012 Collected: 07/15/20 08:41 Received: 07/20/20 19:55

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyst	CAS No.	Qual
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**8270 MSSV Semivolatiles**

Analytical Method: EPA 8270 Preparation Method: EPA 3546  
Pace Analytical Services - New Orleans

2-Methylnaphthalene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22		
Naphthalene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	91-20-3	
2-Nitroaniline	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	88-74-4	
3-Nitroaniline	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	99-09-2	
4-Nitroaniline	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	100-01-6	
Nitrobenzene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	98-95-3	
2-Nitrophenol	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	88-75-5	
4-Nitrophenol	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	108-60-1	
Pentachlorophenol	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	87-86-5	
Phenanthrene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	85-01-8	
Phenol	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	108-95-2	
Pyrene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	325	1	07/17/20 09:24	07/20/20 23:22	88-06-2	
<b>Surrogates</b>								
Terphenyl-d14 (S)	98	%	10-145	1	07/17/20 09:24	07/20/20 23:22	1718-51-0	
2,4,6-Tribromophenol (S)	53	%	10-138	1	07/17/20 09:24	07/20/20 23:22	118-79-6	
2-Fluorophenol (S)	54	%	10-129	1	07/17/20 09:24	07/20/20 23:22	367-12-4	
Phenol-d6 (S)	60	%	10-128	1	07/17/20 09:24	07/20/20 23:22	13127-88-3	
Nitrobenzene-d5 (S)	70	%	10-144	1	07/17/20 09:24	07/20/20 23:22	4165-60-0	
2-Fluorobiphenyl (S)	71	%	10-129	1	07/17/20 09:24	07/20/20 23:22	321-60-8	

**8260 MSV 5035 Low Level**

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B  
Pace Analytical Services - New Orleans

Acetone	36.5	ug/kg	9.3	1	07/17/20 12:45	07/17/20 19:08	67-64-1	
Benzene	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	71-43-2	
Bromodichloromethane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	75-27-4	
Bromoform	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	75-25-2	
Bromomethane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	74-83-9	
2-Butanone (MEK)	ND	ug/kg	9.3	1	07/17/20 12:45	07/17/20 19:08	78-93-3	
Carbon disulfide	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	108-90-7	
Chloroethane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	75-00-3	
Chloroform	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	67-66-3	
Chloromethane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	96-12-8	
Dibromochloromethane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	106-93-4	

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### ANALYTICAL RESULTS

Project: 20-0008  
Pace Project No.: 20162810



Sample: S-6 Lab ID: 20162810012 Collected: 07/15/20 08:41 Received: 07/17/20 10:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Low Level</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans						
Dichlorodifluoromethane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	100-41-4	
2-Hexanone	ND	ug/kg	9.3	1	07/17/20 12:45	07/17/20 19:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	98-82-8	
Methyl acetate	ND	ug/kg	9.3	1	07/17/20 12:45	07/17/20 19:08	79-20-9	
Methylene Chloride	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.3	1	07/17/20 12:45	07/17/20 19:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	1634-04-4	
Styrene	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	127-18-4	
Toluene	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	75-69-4	
Vinyl chloride	ND	ug/kg	1.9	1	07/17/20 12:45	07/17/20 19:08	75-01-4	
m&p-Xylene	ND	ug/kg	9.3	1	07/17/20 12:45	07/17/20 19:08	179601-23-1	
o-Xylene	ND	ug/kg	4.7	1	07/17/20 12:45	07/17/20 19:08	95-47-6	
<b>Surrogates</b>								
Toluene-d8 (S)	101	%	75-125	1	07/17/20 12:45	07/17/20 19:08	2037-26-5	
4-Bromofluorobenzene (S)	105	%	64-139	1	07/17/20 12:45	07/17/20 19:08	460-00-4	
Dibromofluoromethane (S)	95	%	66-143	1	07/17/20 12:45	07/17/20 19:08	1868-53-7	

Sample: BKG Lab ID: 20162810013 Collected: 07/15/20 08:59 Received: 07/15/20 10:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 Metals, Total</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans						
Antimony	ND	mg/kg	1.9	1	07/21/20 08:42	07/22/20 11:04	7440-36-0	
Arsenic	ND	mg/kg	0.62	1	07/21/20 08:42	07/22/20 11:04	7440-38-2	
Beryllium	ND	mg/kg	0.31	1	07/21/20 08:42	07/22/20 11:04	7440-41-7	
Cadmium	ND	mg/kg	0.31	1	07/21/20 08:42	07/22/20 11:04	7440-43-9	
Chromium	ND	mg/kg	0.62	1	07/21/20 08:42	07/22/20 11:04	7440-47-3	

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### ANALYTICAL RESULTS

Project: 20-0008  
Pace Project No.: 20162810



Sample: **BKG** Lab ID: **20162810013** Collected: 07/15/20 08:59 Received: 07/21/20 08:42 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 Metals, Total</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans						
Copper	288	mg/kg	0.62	1	07/21/20 08:42	07/22/20 11:04	7440-50-8	
Lead	1.6	mg/kg	0.31	1	07/21/20 08:42	07/22/20 11:04	7439-92-1	
Nickel	ND	mg/kg	2.5	1	07/21/20 08:42	07/22/20 11:04	7440-02-0	
Selenium	ND	mg/kg	1.2	1	07/21/20 08:42	07/22/20 11:04	7782-49-2	
Silver	ND	mg/kg	0.62	1	07/21/20 08:42	07/22/20 11:04	7440-22-4	
Thallium	0.32	mg/kg	0.31	1	07/21/20 08:42	07/22/20 11:04	7440-28-0	
Zinc	53.1	mg/kg	3.1	1	07/21/20 08:42	07/22/20 11:04	7440-66-6	

<b>7471 Mercury</b>		Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans						
Mercury	0.097	mg/kg	0.019	1	07/22/20 13:54	07/23/20 13:30	7439-97-6	

Sample: **UIC** Lab ID: **20162810014** Collected: 07/15/20 09:05 Received: 07/15/20 10:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015M DRO/ORO Organics</b>		Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546 Pace Analytical Services - New Orleans						
Diesel Range Organic (C10-C28)	16.0	mg/kg	10	1	07/17/20 10:32	07/17/20 17:59		
Oil Range Organics (>C28-C40)	ND	mg/kg	50.0	1	07/17/20 10:32	07/17/20 17:59		
<b>Surrogates</b>								
o-Terphenyl (S)	70	%	16-127	1	07/17/20 10:32	07/17/20 17:59	84-15-1	
n-Pentacosane (S)	191	%	16-147	1	07/17/20 10:32	07/17/20 17:59	629-99-2	S5

<b>8021 GCV BTEX, MTBE, GRO Med L</b>		Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B Pace Analytical Services - New Orleans						
Gasoline Range Organics	ND	ug/kg	2440	1	07/16/20 16:20	07/16/20 23:18		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	98	%	63-132	1	07/16/20 16:20	07/16/20 23:18	460-00-4	

<b>6010 Metals, Total</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans						
Antimony	ND	mg/kg	2.5	1	07/21/20 08:42	07/22/20 11:08	7440-36-0	
Arsenic	1.5	mg/kg	0.85	1	07/21/20 08:42	07/22/20 11:08	7440-38-2	
Beryllium	ND	mg/kg	0.42	1	07/21/20 08:42	07/22/20 11:08	7440-41-7	
Cadmium	ND	mg/kg	0.42	1	07/21/20 08:42	07/22/20 11:08	7440-43-9	
Chromium	6.2	mg/kg	0.85	1	07/21/20 08:42	07/22/20 11:08	7440-47-3	
Copper	50.9	mg/kg	0.85	1	07/21/20 08:42	07/22/20 11:08	7440-50-8	
Lead	16.3	mg/kg	0.42	1	07/21/20 08:42	07/22/20 11:08	7439-92-1	
Nickel	4.3	mg/kg	3.4	1	07/21/20 08:42	07/22/20 11:08	7440-02-0	
Selenium	ND	mg/kg	1.7	1	07/21/20 08:42	07/22/20 11:08	7782-49-2	
Silver	ND	mg/kg	0.85	1	07/21/20 08:42	07/22/20 11:08	7440-22-4	
Thallium	ND	mg/kg	0.42	1	07/21/20 08:42	07/22/20 11:08	7440-28-0	

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### ANALYTICAL RESULTS



Project: 20-0008  
Pace Project No.: 20162810

Sample: UIC Lab ID: 20162810014 Collected: 07/15/20 09:05 Received: 07/21/20 08:42

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	AS No.	Qual
<b>6010 Metals, Total</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans						
Zinc	228	mg/kg	4.2	1	07/21/20 08:42	07/22/20 11:08	7440-66-6	
<b>7471 Mercury</b>		Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans						
Mercury	0.28	mg/kg	0.017	1	07/22/20 13:54	07/23/20 13:32	7439-97-6	
<b>8270 MSSV Semivolatiles</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans						
Acenaphthene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	83-32-9	
Acenaphthylene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	208-96-8	
Anthracene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	207-08-9	
Benzoic acid	ND	ug/kg	815	1	07/17/20 09:24	07/20/20 23:49	65-85-0	
Benzyl alcohol	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	101-55-3	
Butylbenzylphthalate	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	85-68-7	
Carbazole	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	59-50-7	
3&4-Chloroaniline	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49		
bis(2-Chloroethoxy)methane	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	111-44-4	
2-Chloronaphthalene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	91-58-7	
2-Chlorophenol	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	7005-72-3	
Chrysene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	53-70-3	
Dibenzofuran	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	655	1	07/17/20 09:24	07/20/20 23:49	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	120-83-2	
Diethylphthalate	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	105-67-9	
Dimethylphthalate	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	131-11-3	
Di-n-butylphthalate	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	815	1	07/17/20 09:24	07/20/20 23:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	606-20-2	
Di-n-octylphthalate	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	117-84-0	

### REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**



Project: 20-0008  
Pace Project No.: 20162810

Sample: UIC Lab ID: 20162810014 Collected: 07/15/20 09:05 Received: 07/20/20 23:49

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	AS No.	Qual
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**8270 MSSV Semivolatiles**

Analytical Method: EPA 8270 Preparation Method: EPA 3546  
Pace Analytical Services - New Orleans

bis(2-Ethylhexyl)phthalate	678	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	117-81-7
Fluoranthene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	206-44-0
Fluorene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	86-73-7
Hexachloro-1,3-butadiene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	87-68-3
Hexachlorobenzene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	118-74-1
Hexachlorocyclopentadiene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	77-47-4
Hexachloroethane	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	67-72-1
Indeno(1,2,3-cd)pyrene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	193-39-5
Isophorone	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	78-59-1
2-Methylnaphthalene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	91-57-6
2-Methylphenol(o-Cresol)	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	95-48-7
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	
Naphthalene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	91-20-3
2-Nitroaniline	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	88-74-4
3-Nitroaniline	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	99-09-2
4-Nitroaniline	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	100-01-6
Nitrobenzene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	98-95-3
2-Nitrophenol	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	88-75-5
4-Nitrophenol	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	100-02-7
N-Nitroso-di-n-propylamine	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	621-64-7
N-Nitrosodiphenylamine	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	86-30-6
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	108-60-1
Pentachlorophenol	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	87-86-5
Phenanthrene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	85-01-8
Phenol	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	108-95-2
Pyrene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	129-00-0
1,2,4-Trichlorobenzene	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	120-82-1
2,4,5-Trichlorophenol	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	95-95-4
2,4,6-Trichlorophenol	ND	ug/kg	324	1	07/17/20 09:24	07/20/20 23:49	88-06-2

**Surrogates**

Terphenyl-d14 (S)	106	%	10-145	1	07/17/20 09:24	07/20/20 23:49	1718-51-0
2,4,6-Tribromophenol (S)	78	%	10-138	1	07/17/20 09:24	07/20/20 23:49	118-79-6
2-Fluorophenol (S)	81	%	10-129	1	07/17/20 09:24	07/20/20 23:49	367-12-4
Phenol-d6 (S)	80	%	10-128	1	07/17/20 09:24	07/20/20 23:49	13127-88-3
Nitrobenzene-d5 (S)	82	%	10-144	1	07/17/20 09:24	07/20/20 23:49	4165-60-0
2-Fluorobiphenyl (S)	76	%	10-129	1	07/17/20 09:24	07/20/20 23:49	321-60-8

**8260 MSV 5035 Low Level**

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B  
Pace Analytical Services - New Orleans

Acetone	ND	ug/kg	10.1	1	07/17/20 12:45	07/17/20 19:27	67-64-1	
Benzene	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	71-43-2	
Bromodichloromethane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	75-27-4	M1
Bromofarm	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	75-25-2	M1
Bromomethane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10.1	1	07/17/20 12:45	07/17/20 19:27	78-93-3	

**REPORT OF LABORATORY ANALYSIS**

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### ANALYTICAL RESULTS



Project: 20-0008  
Pace Project No.: 20162810

Sample: UIC Lab ID: 20162810014 Collected: 07/15/20 09:05 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Low Level</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans						
Carbon disulfide	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	108-90-7	M1
Chloroethane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	75-00-3	
Chloroform	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	67-66-3	M1
Chloromethane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	96-12-8	M1,R1
Dibromochloromethane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	124-48-1	M1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	106-93-4	M1
Dichlorodifluoromethane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	107-06-2	M1
1,1-Dichloroethene	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	78-87-5	M1
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	10061-01-5	M1
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	10061-02-6	M1
Ethylbenzene	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	100-41-4	M1
2-Hexanone	ND	ug/kg	10.1	1	07/17/20 12:45	07/17/20 19:27	591-78-6	M1
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	98-82-8	M1
Methyl acetate	ND	ug/kg	10.1	1	07/17/20 12:45	07/17/20 19:27	79-20-9	M1
Methylene Chloride	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.1	1	07/17/20 12:45	07/17/20 19:27	108-10-1	M1,R1
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	1634-04-4	
Styrene	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	100-42-5	M1,R1
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	79-34-5	M1
Tetrachloroethene	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	127-18-4	
Toluene	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	79-00-5	M1
Trichloroethene	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	75-69-4	
Vinyl chloride	ND	ug/kg	2.0	1	07/17/20 12:45	07/17/20 19:27	75-01-4	
m&p-Xylene	ND	ug/kg	10.1	1	07/17/20 12:45	07/17/20 19:27	179601-23-1	
o-Xylene	ND	ug/kg	5.0	1	07/17/20 12:45	07/17/20 19:27	95-47-6	
<b>Surrogates</b>								
Toluene-d8 (S)	101	%.	75-125	1	07/17/20 12:45	07/17/20 19:27	2037-26-5	
4-Bromofluorobenzene (S)	105	%.	64-139	1	07/17/20 12:45	07/17/20 19:27	460-00-4	
Dibromofluoromethane (S)	94	%.	66-143	1	07/17/20 12:45	07/17/20 19:27	1868-53-7	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

QC Batch: 192988 Analysis Method: EPA 8015/8021  
QC Batch Method: EPA 5035A/5030B Analysis Description: 8021 BTEX, MTBE, GRO Medium Level Soil  
Laboratory: Pace Analytical Services - New Orleans  
Associated Lab Samples: 20162810006, 20162810007, 20162810008, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

METHOD BLANK: 893110 Matrix: Solid  
Associated Lab Samples: 20162810006, 20162810007, 20162810008, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/kg	ND	2500	07/16/20 16:38	
4-Bromofluorobenzene (S)	%.	105	63-132	07/16/20 16:38	

LABORATORY CONTROL SAMPLE: 893111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/kg	25000	22300	89	71-120	
4-Bromofluorobenzene (S)	%.			100	63-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 893112 893113

Parameter	Units	20162810006 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Spike Conc.	MSD Spike Conc.	MS Result						
Gasoline Range Organics	ug/kg	ND	25200	25600	20000	20000	74	73	10-180	0	20	
4-Bromofluorobenzene (S)	%.						98	78	63-132			

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**QUALITY CONTROL DATA**

Project: 20-0008  
Pace Project No.: 20162810

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QC Batch: 193012	Analysis Method: EPA 8015/8021
QC Batch Method: EPA 8015/8021	Analysis Description: 8021 W GCV BTEX , MTBE, GRO
	Laboratory: Pace Analytical Services - New Orleans

Associated Lab Samples: 20162810001, 20162810002, 20162810003, 20162810004, 20162810005

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METHOD BLANK: 893200 Matrix: Water  
Associated Lab Samples: 20162810001, 20162810002, 20162810003, 20162810004, 20162810005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	ND	50.0	07/16/20 22:52	
4-Bromofluorobenzene (S)	%.	95	63-132	07/16/20 22:52	

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LABORATORY CONTROL SAMPLE: 893201

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	500	502	100	71-120	
4-Bromofluorobenzene (S)	%.			101	63-132	

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**QUALITY CONTROL DATA**

Project: 20-0008  
Pace Project No.: 20162810

QC Batch: 193032	Analysis Method: EPA 7470
QC Batch Method: EPA 7470	Analysis Description: 7470 Mercury
	Laboratory: Pace Analytical Services - New Orleans

Associated Lab Samples: 20162810003

METHOD BLANK: 893384 Matrix: Water  
Associated Lab Samples: 20162810003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	07/17/20 16:17	

LABORATORY CONTROL SAMPLE: 893385

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	1	1.1	114	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 893386 893387

Parameter	Units	20162810003 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
Mercury	ug/L	ND	1	1.1	1	1.0	103	94	75-125	9	20	

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**QUALITY CONTROL DATA**

Project: 20-0008  
Pace Project No.: 20162810

QC Batch: 193406 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Laboratory: Pace Analytical Services - New Orleans  
Associated Lab Samples: 20162810006, 20162810007, 20162810008, 20162810009, 20162810010, 20162810011, 20162810012, 20162810013, 20162810014

METHOD BLANK: 895183 Matrix: Solid  
Associated Lab Samples: 20162810006, 20162810007, 20162810008, 20162810009, 20162810010, 20162810011, 20162810012, 20162810013, 20162810014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	mg/kg	ND	3.0	07/22/20 10:04	
Arsenic	mg/kg	ND	1.0	07/22/20 10:04	
Beryllium	mg/kg	ND	0.50	07/22/20 10:04	
Cadmium	mg/kg	ND	0.50	07/22/20 10:04	
Chromium	mg/kg	ND	1.0	07/22/20 10:04	
Copper	mg/kg	ND	1.0	07/22/20 10:04	
Lead	mg/kg	ND	0.50	07/22/20 10:04	
Nickel	mg/kg	ND	4.0	07/22/20 10:04	
Selenium	mg/kg	ND	2.0	07/22/20 10:04	
Silver	mg/kg	ND	1.0	07/22/20 10:04	
Thallium	mg/kg	ND	0.50	07/22/20 10:04	
Zinc	mg/kg	ND	5.0	07/22/20 10:04	

LABORATORY CONTROL SAMPLE: 895184

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/kg	100	97.0	97	85-115	
Arsenic	mg/kg	100	95.9	96	84-115	
Beryllium	mg/kg	100	100	100	85-115	
Cadmium	mg/kg	100	97.8	98	85-115	
Chromium	mg/kg	100	100	100	85-115	
Copper	mg/kg	100	101	101	85-115	
Lead	mg/kg	100	99.0	99	85-115	
Nickel	mg/kg	100	99.5	99	85-115	
Selenium	mg/kg	100	90.9	91	77-115	
Silver	mg/kg	50	47.6	95	85-115	
Thallium	mg/kg	100	98.2	98	79-115	
Zinc	mg/kg	100	97.8	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 895185 895186

Parameter	Units	20163372001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits		
Antimony	mg/kg	ND	72.5	89.3	27.1	39.3	37	44	80-120	37	20 M1,R1
Arsenic	mg/kg	3.4	72.5	89.3	69.3	85.5	91	92	80-120	21	20 R1
Beryllium	mg/kg	ND	72.5	89.3	69.1	87.2	95	97	80-120	23	20 R1

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

		895185			895186							
Parameter	Units	20163372001	MS Spike	MSD Spike	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Conc.	Result	Result	% Rec	% Rec				
Cadmium	mg/kg	ND	72.5	89.3	60.9	77.0	84	86	80-120	23	20	R1
Chromium	mg/kg	17.2	72.5	89.3	89.2	102	99	95	80-120	13	20	
Copper	mg/kg	16.8	72.5	89.3	87.1	107	97	101	80-120	20	20	
Lead	mg/kg	12.7	72.5	89.3	74.6	88.7	85	85	80-120	17	20	
Nickel	mg/kg	23.3	72.5	89.3	83.4	101	83	86	80-120	19	20	
Selenium	mg/kg	ND	72.5	89.3	61.2	77.8	84	87	80-120	24	20	R1
Silver	mg/kg	ND	36.2	44.6	32.6	41.0	90	92	80-120	23	20	R1
Thallium	mg/kg	ND	72.5	89.3	56.9	72.3	78	81	80-120	24	20	M1,R1
Zinc	mg/kg	114	72.5	89.3	162	190	66	86	80-120	16	20	M1

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

QC Batch: 193416	Analysis Method: EPA 6010
QC Batch Method: EPA 3010	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - New Orleans

Associated Lab Samples: 20162810003

METHOD BLANK: 895259 Matrix: Water

Associated Lab Samples: 20162810003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	60.0	07/21/20 13:16	
Arsenic	ug/L	ND	10.0	07/21/20 13:16	
Beryllium	ug/L	ND	5.0	07/21/20 13:16	
Cadmium	ug/L	ND	5.0	07/21/20 13:16	
Chromium	ug/L	ND	10.0	07/21/20 13:16	
Copper	ug/L	ND	10.0	07/21/20 13:16	
Lead	ug/L	ND	5.0	07/21/20 13:16	
Nickel	ug/L	ND	40.0	07/21/20 13:16	
Selenium	ug/L	ND	20.0	07/21/20 13:16	
Silver	ug/L	ND	10.0	07/21/20 13:16	
Thallium	ug/L	ND	10.0	07/21/20 13:16	
Zinc	ug/L	ND	20.0	07/21/20 13:16	

LABORATORY CONTROL SAMPLE: 895260

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	1000	993	99	85-115	
Arsenic	ug/L	1000	978	98	85-115	
Beryllium	ug/L	1000	997	100	85-115	
Cadmium	ug/L	1000	990	99	85-115	
Chromium	ug/L	1000	1000	100	85-115	
Copper	ug/L	1000	1020	102	85-115	
Lead	ug/L	1000	1000	100	85-115	
Nickel	ug/L	1000	1010	101	85-115	
Selenium	ug/L	1000	956	96	85-115	
Silver	ug/L	500	486	97	85-115	
Thallium	ug/L	1000	1000	100	85-115	
Zinc	ug/L	1000	999	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 895261 895262

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		20163615001	Spike Conc.	Spike Conc.	MS Result							MSD Result
Antimony	ug/L	ND	1000	1000	988	957	99	95	80-120	3	20	
Arsenic	ug/L	ND	1000	1000	984	952	98	95	80-120	3	20	
Beryllium	ug/L	ND	1000	1000	1000	962	100	96	80-120	4	20	
Cadmium	ug/L	ND	1000	1000	971	937	97	94	80-120	4	20	

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### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 20-0008  
Pace Project No.: 20162810

Parameter	Units	895261		895262		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		20163615001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Chromium	ug/L	ND	1000	1000	988	953	99	95	80-120	4	20	
Copper	ug/L	ND	1000	1000	1000	967	100	96	80-120	3	20	
Lead	ug/L	ND	1000	1000	986	950	98	95	80-120	4	20	
Nickel	ug/L	ND	1000	1000	988	954	99	95	80-120	4	20	
Selenium	ug/L	ND	1000	1000	948	919	95	92	80-120	3	20	
Silver	ug/L	ND	500	500	478	466	96	93	80-120	3	20	
Thallium	ug/L	ND	1000	1000	978	946	98	95	80-120	3	20	
Zinc	ug/L	ND	1000	1000	986	952	98	94	80-120	4	20	

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**QUALITY CONTROL DATA**

Project: 20-0008  
Pace Project No.: 20162810

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QC Batch:	193129	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035/5030B	Analysis Description:	8260 MSV 5035 Low Level
		Laboratory:	Pace Analytical Services - New Orleans

Associated Lab Samples: 20162810006, 20162810007, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

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METHOD BLANK: 893845 Matrix: Solid  
Associated Lab Samples: 20162810006, 20162810007, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	07/17/20 16:36	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	07/17/20 16:36	
1,1,2-Trichloroethane	ug/kg	ND	5.0	07/17/20 16:36	
1,1-Dichloroethane	ug/kg	ND	5.0	07/17/20 16:36	
1,1-Dichloroethene	ug/kg	ND	5.0	07/17/20 16:36	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	07/17/20 16:36	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	07/17/20 16:36	
1,2-Dichloroethane	ug/kg	ND	5.0	07/17/20 16:36	
1,2-Dichloropropane	ug/kg	ND	5.0	07/17/20 16:36	
2-Butanone (MEK)	ug/kg	ND	10.0	07/17/20 16:36	
2-Hexanone	ug/kg	ND	10.0	07/17/20 16:36	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	07/17/20 16:36	
Acetone	ug/kg	ND	10.0	07/17/20 16:36	
Benzene	ug/kg	ND	5.0	07/17/20 16:36	
Bromodichloromethane	ug/kg	ND	5.0	07/17/20 16:36	
Bromoform	ug/kg	ND	5.0	07/17/20 16:36	
Bromomethane	ug/kg	ND	5.0	07/17/20 16:36	
Carbon disulfide	ug/kg	ND	5.0	07/17/20 16:36	
Carbon tetrachloride	ug/kg	ND	5.0	07/17/20 16:36	
Chlorobenzene	ug/kg	ND	5.0	07/17/20 16:36	
Chloroethane	ug/kg	ND	5.0	07/17/20 16:36	
Chloroform	ug/kg	ND	5.0	07/17/20 16:36	
Chloromethane	ug/kg	ND	5.0	07/17/20 16:36	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	07/17/20 16:36	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	07/17/20 16:36	
Dibromochloromethane	ug/kg	ND	5.0	07/17/20 16:36	
Dichlorodifluoromethane	ug/kg	ND	5.0	07/17/20 16:36	
Ethylbenzene	ug/kg	ND	5.0	07/17/20 16:36	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	07/17/20 16:36	
m&p-Xylene	ug/kg	ND	10.0	07/17/20 16:36	
Methyl acetate	ug/kg	ND	10.0	07/17/20 16:36	
Methyl-tert-butyl ether	ug/kg	ND	5.0	07/17/20 16:36	
Methylene Chloride	ug/kg	ND	5.0	07/17/20 16:36	
o-Xylene	ug/kg	ND	5.0	07/17/20 16:36	
Styrene	ug/kg	ND	5.0	07/17/20 16:36	
Tetrachloroethene	ug/kg	ND	5.0	07/17/20 16:36	
Toluene	ug/kg	ND	5.0	07/17/20 16:36	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	07/17/20 16:36	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	07/17/20 16:36	
Trichloroethene	ug/kg	ND	5.0	07/17/20 16:36	

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**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

METHOD BLANK: 893845 Matrix: Solid  
Associated Lab Samples: 20162810006, 20162810007, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/kg	ND	5.0	07/17/20 16:36	
Vinyl chloride	ug/kg	ND	2.0	07/17/20 16:36	
4-Bromofluorobenzene (S)	%	101	64-139	07/17/20 16:36	
Dibromofluoromethane (S)	%	95	66-143	07/17/20 16:36	
Toluene-d8 (S)	%	100	75-125	07/17/20 16:36	

METHOD BLANK: 893914 Matrix: Solid  
Associated Lab Samples: 20162810006, 20162810007, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	07/17/20 20:25	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	07/17/20 20:25	
1,1,2-Trichloroethane	ug/kg	ND	5.0	07/17/20 20:25	
1,1-Dichloroethane	ug/kg	ND	5.0	07/17/20 20:25	
1,1-Dichloroethene	ug/kg	ND	5.0	07/17/20 20:25	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	07/17/20 20:25	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	07/17/20 20:25	
1,2-Dichloroethane	ug/kg	ND	5.0	07/17/20 20:25	
1,2-Dichloropropane	ug/kg	ND	5.0	07/17/20 20:25	
2-Butanone (MEK)	ug/kg	ND	10.0	07/17/20 20:25	
2-Hexanone	ug/kg	ND	10.0	07/17/20 20:25	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	07/17/20 20:25	
Acetone	ug/kg	ND	10.0	07/17/20 20:25	
Benzene	ug/kg	ND	5.0	07/17/20 20:25	
Bromodichloromethane	ug/kg	ND	5.0	07/17/20 20:25	
Bromoform	ug/kg	ND	5.0	07/17/20 20:25	
Bromomethane	ug/kg	ND	5.0	07/17/20 20:25	
Carbon disulfide	ug/kg	ND	5.0	07/17/20 20:25	
Carbon tetrachloride	ug/kg	ND	5.0	07/17/20 20:25	
Chlorobenzene	ug/kg	ND	5.0	07/17/20 20:25	
Chloroethane	ug/kg	ND	5.0	07/17/20 20:25	
Chloroform	ug/kg	ND	5.0	07/17/20 20:25	
Chloromethane	ug/kg	ND	5.0	07/17/20 20:25	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	07/17/20 20:25	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	07/17/20 20:25	
Dibromochloromethane	ug/kg	ND	5.0	07/17/20 20:25	
Dichlorodifluoromethane	ug/kg	ND	5.0	07/17/20 20:25	
Ethylbenzene	ug/kg	ND	5.0	07/17/20 20:25	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	07/17/20 20:25	
m&p-Xylene	ug/kg	ND	10.0	07/17/20 20:25	
Methyl acetate	ug/kg	ND	10.0	07/17/20 20:25	
Methyl-tert-butyl ether	ug/kg	ND	5.0	07/17/20 20:25	
Methylene Chloride	ug/kg	ND	5.0	07/17/20 20:25	

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

METHOD BLANK: 893914 Matrix: Solid  
Associated Lab Samples: 20162810006, 20162810007, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
o-Xylene	ug/kg	ND	5.0	07/17/20 20:25	
Styrene	ug/kg	ND	5.0	07/17/20 20:25	
Tetrachloroethene	ug/kg	ND	5.0	07/17/20 20:25	
Toluene	ug/kg	ND	5.0	07/17/20 20:25	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	07/17/20 20:25	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	07/17/20 20:25	
Trichloroethene	ug/kg	ND	5.0	07/17/20 20:25	
Trichlorofluoromethane	ug/kg	ND	5.0	07/17/20 20:25	
Vinyl chloride	ug/kg	ND	2.0	07/17/20 20:25	
4-Bromofluorobenzene (S)	%	103	64-139	07/17/20 20:25	
Dibromofluoromethane (S)	%	94	66-143	07/17/20 20:25	
Toluene-d8 (S)	%	99	75-125	07/17/20 20:25	

METHOD BLANK: 895354 Matrix: Solid  
Associated Lab Samples: 20162810006, 20162810007, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	07/20/20 13:42	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	07/20/20 13:42	
1,1,2-Trichloroethane	ug/kg	ND	5.0	07/20/20 13:42	
1,1-Dichloroethane	ug/kg	ND	5.0	07/20/20 13:42	
1,1-Dichloroethene	ug/kg	ND	5.0	07/20/20 13:42	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	07/20/20 13:42	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	07/20/20 13:42	
1,2-Dichloroethane	ug/kg	ND	5.0	07/20/20 13:42	
1,2-Dichloropropane	ug/kg	ND	5.0	07/20/20 13:42	
2-Butanone (MEK)	ug/kg	ND	10.0	07/20/20 13:42	
2-Hexanone	ug/kg	ND	10.0	07/20/20 13:42	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	07/20/20 13:42	
Acetone	ug/kg	ND	10.0	07/20/20 13:42	
Benzene	ug/kg	ND	5.0	07/20/20 13:42	
Bromodichloromethane	ug/kg	ND	5.0	07/20/20 13:42	
Bromoform	ug/kg	ND	5.0	07/20/20 13:42	
Bromomethane	ug/kg	ND	5.0	07/20/20 13:42	
Carbon disulfide	ug/kg	ND	5.0	07/20/20 13:42	
Carbon tetrachloride	ug/kg	ND	5.0	07/20/20 13:42	
Chlorobenzene	ug/kg	ND	5.0	07/20/20 13:42	
Chloroethane	ug/kg	ND	5.0	07/20/20 13:42	
Chloroform	ug/kg	ND	5.0	07/20/20 13:42	
Chloromethane	ug/kg	ND	5.0	07/20/20 13:42	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	07/20/20 13:42	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	07/20/20 13:42	
Dibromochloromethane	ug/kg	ND	5.0	07/20/20 13:42	

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**QUALITY CONTROL DATA**

Project: 20-0008  
Pace Project No.: 20162810

METHOD BLANK: 895354 Matrix: Solid  
Associated Lab Samples: 20162810006, 20162810007, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/kg	ND	5.0	07/20/20 13:42	
Ethylbenzene	ug/kg	ND	5.0	07/20/20 13:42	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	07/20/20 13:42	
m&p-Xylene	ug/kg	ND	10.0	07/20/20 13:42	
Methyl acetate	ug/kg	ND	10.0	07/20/20 13:42	
Methyl-tert-butyl ether	ug/kg	ND	5.0	07/20/20 13:42	
Methylene Chloride	ug/kg	ND	5.0	07/20/20 13:42	
o-Xylene	ug/kg	ND	5.0	07/20/20 13:42	
Styrene	ug/kg	ND	5.0	07/20/20 13:42	
Tetrachloroethene	ug/kg	ND	5.0	07/20/20 13:42	
Toluene	ug/kg	ND	5.0	07/20/20 13:42	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	07/20/20 13:42	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	07/20/20 13:42	
Trichloroethene	ug/kg	ND	5.0	07/20/20 13:42	
Trichlorofluoromethane	ug/kg	ND	5.0	07/20/20 13:42	
Vinyl chloride	ug/kg	ND	2.0	07/20/20 13:42	
4-Bromofluorobenzene (S)	%.	102	64-139	07/20/20 13:42	
Dibromofluoromethane (S)	%.	102	66-143	07/20/20 13:42	
Toluene-d8 (S)	%.	99	75-125	07/20/20 13:42	

LABORATORY CONTROL SAMPLE: 893846

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	48.2	96	76-126	
1,1,2,2-Tetrachloroethane	ug/kg	50	46.6	93	65-129	
1,1,2-Trichloroethane	ug/kg	50	48.1	96	75-121	
1,1-Dichloroethane	ug/kg	50	44.8	90	71-127	
1,1-Dichloroethene	ug/kg	50	48.8	98	63-130	
1,2-Dibromo-3-chloropropane	ug/kg	50	47.4	95	59-131	
1,2-Dibromoethane (EDB)	ug/kg	50	49.1	98	75-125	
1,2-Dichloroethane	ug/kg	50	44.5	89	65-131	
1,2-Dichloropropane	ug/kg	50	48.9	98	72-125	
2-Butanone (MEK)	ug/kg	50	44.4	89	34-170	
2-Hexanone	ug/kg	50	45.4	91	52-147	
4-Methyl-2-pentanone (MIBK)	ug/kg	50	45.4	91	58-141	
Acetone	ug/kg	50	42.6	85	16-192	
Benzene	ug/kg	50	47.8	96	74-132	
Bromodichloromethane	ug/kg	50	49.6	99	73-117	
Bromoform	ug/kg	50	46.6	93	58-132	
Bromomethane	ug/kg	50	55.6	111	47-157	
Carbon disulfide	ug/kg	50	52.8	106	52-145	
Carbon tetrachloride	ug/kg	50	48.5	97	68-129	
Chlorobenzene	ug/kg	50	48.7	97	79-121	
Chloroethane	ug/kg	50	48.7	97	34-160	

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

LABORATORY CONTROL SAMPLE: 893846

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroform	ug/kg	50	46.4	93	70-120	
Chloromethane	ug/kg	50	46.4	93	44-142	
cis-1,2-Dichloroethene	ug/kg	50	45.7	91	71-124	
cis-1,3-Dichloropropene	ug/kg	50	47.5	95	77-121	
Dibromochloromethane	ug/kg	50	48.1	96	67-122	
Dichlorodifluoromethane	ug/kg	50	47.3	95	28-148	
Ethylbenzene	ug/kg	50	45.7	91	79-116	
Isopropylbenzene (Cumene)	ug/kg	50	48.2	96	77-126	
m&p-Xylene	ug/kg	100	93.6	94	78-119	
Methyl acetate	ug/kg	50	40.1	80	47-155	
Methyl-tert-butyl ether	ug/kg	50	39.6	79	58-135	
Methylene Chloride	ug/kg	50	43.8	88	49-145	
o-Xylene	ug/kg	50	48.0	96	77-121	
Styrene	ug/kg	50	48.3	97	81-123	
Tetrachloroethene	ug/kg	50	49.2	98	62-138	
Toluene	ug/kg	50	45.9	92	79-120	
trans-1,2-Dichloroethene	ug/kg	50	44.0	88	68-125	
trans-1,3-Dichloropropene	ug/kg	50	46.8	94	77-121	
Trichloroethene	ug/kg	50	49.5	99	77-117	
Trichlorofluoromethane	ug/kg	50	55.7	111	45-164	
Vinyl chloride	ug/kg	50	49.7	99	48-130	
4-Bromofluorobenzene (S)	%			101	64-139	
Dibromofluoromethane (S)	%			96	66-143	
Toluene-d8 (S)	%			98	75-125	

LABORATORY CONTROL SAMPLE: 895355

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	49.4	99	76-126	
1,1,2,2-Tetrachloroethane	ug/kg	50	45.7	91	65-129	
1,1,2-Trichloroethane	ug/kg	50	48.6	97	75-121	
1,1-Dichloroethane	ug/kg	50	48.7	97	71-127	
1,1-Dichloroethene	ug/kg	50	53.7	107	63-130	
1,2-Dibromo-3-chloropropane	ug/kg	50	45.5	91	59-131	
1,2-Dibromoethane (EDB)	ug/kg	50	48.7	97	75-125	
1,2-Dichloroethane	ug/kg	50	48.8	98	65-131	
1,2-Dichloropropane	ug/kg	50	49.9	100	72-125	
2-Butanone (MEK)	ug/kg	50	36.0	72	34-170	
2-Hexanone	ug/kg	50	36.4	73	52-147	
4-Methyl-2-pentanone (MIBK)	ug/kg	50	44.0	88	58-141	
Acetone	ug/kg	50	25.8	52	16-192	
Benzene	ug/kg	50	48.5	97	74-132	
Bromodichloromethane	ug/kg	50	50.9	102	73-117	
Bromoform	ug/kg	50	47.5	95	58-132	
Bromomethane	ug/kg	50	60.9	122	47-157	

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

LABORATORY CONTROL SAMPLE: 895355

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon disulfide	ug/kg	50	58.0	116	52-145	
Carbon tetrachloride	ug/kg	50	51.0	102	68-129	
Chlorobenzene	ug/kg	50	50.1	100	79-121	
Chloroethane	ug/kg	50	52.4	105	34-160	
Chloroform	ug/kg	50	50.7	101	70-120	
Chloromethane	ug/kg	50	48.8	98	44-142	
cis-1,2-Dichloroethene	ug/kg	50	50.6	101	71-124	
cis-1,3-Dichloropropene	ug/kg	50	48.3	97	77-121	
Dibromochloromethane	ug/kg	50	48.4	97	67-122	
Dichlorodifluoromethane	ug/kg	50	48.4	97	28-148	
Ethylbenzene	ug/kg	50	46.8	94	79-116	
Isopropylbenzene (Cumene)	ug/kg	50	48.4	97	77-126	
m&p-Xylene	ug/kg	100	96.2	96	78-119	
Methyl acetate	ug/kg	50	36.8	74	47-155	
Methyl-tert-butyl ether	ug/kg	50	41.3	83	58-135	
Methylene Chloride	ug/kg	50	48.9	98	49-145	
o-Xylene	ug/kg	50	49.4	99	77-121	
Styrene	ug/kg	50	49.3	99	81-123	
Tetrachloroethene	ug/kg	50	48.8	98	62-138	
Toluene	ug/kg	50	46.8	94	79-120	
trans-1,2-Dichloroethene	ug/kg	50	49.1	98	68-125	
trans-1,3-Dichloropropene	ug/kg	50	47.7	95	77-121	
Trichloroethene	ug/kg	50	51.8	104	77-117	
Trichlorofluoromethane	ug/kg	50	60.0	120	45-164	
Vinyl chloride	ug/kg	50	53.3	107	48-130	
4-Bromofluorobenzene (S)	%			99	64-139	
Dibromofluoromethane (S)	%			103	66-143	
Toluene-d8 (S)	%			97	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 893847 893848

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		20162810014	Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/kg	ND	46.6	53.6	36.1	40.6	78	76	73-141	12	20		
1,1,2,2-Tetrachloroethane	ug/kg	ND	46.6	53.6	14.7	17.5	32	33	48-148	17	20	M1	
1,1,2-Trichloroethane	ug/kg	ND	46.6	53.6	20.3	24.0	44	45	46-154	17	20	M1	
1,1-Dichloroethane	ug/kg	ND	46.6	53.6	30.2	35.0	65	65	63-145	15	20		
1,1-Dichloroethene	ug/kg	ND	46.6	53.6	40.0	45.1	86	84	28-176	12	20		
1,2-Dibromo-3-chloropropane	ug/kg	ND	46.6	53.6	11.0	14.2	24	26	40-152	25	20	M1,R1	
1,2-Dibromoethane (EDB)	ug/kg	ND	46.6	53.6	19.0	22.8	41	43	69-134	19	20	M1	
1,2-Dichloroethane	ug/kg	ND	46.6	53.6	22.4	26.4	48	49	51-147	17	20	M1	
1,2-Dichloropropane	ug/kg	ND	46.6	53.6	26.5	31.3	57	58	64-140	17	20	M1	
2-Butanone (MEK)	ug/kg	ND	46.6	53.6	11.2	13.7	24	25	10-200	20	20		
2-Hexanone	ug/kg	ND	46.6	53.6	5.2J	7.5J	11	14	40-157		20	M1	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		893847			893848							
Parameter	Units	20162810014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	46.6	53.6	14.6	18.9	31	35	36-165	26	20	M1, R1
Acetone	ug/kg	ND	46.6	53.6	11.0	13.1	24	24	10-200	17	20	
Benzene	ug/kg	ND	46.6	53.6	29.5	34.2	63	64	29-186	15	20	
Bromodichloromethane	ug/kg	ND	46.6	53.6	23.7	28.4	51	53	58-139	18	20	M1
Bromoform	ug/kg	ND	46.6	53.6	13.0	15.7	28	29	57-135	19	20	M1
Bromomethane	ug/kg	ND	46.6	53.6	37.7	44.7	81	83	42-168	17	20	
Carbon disulfide	ug/kg	ND	46.6	53.6	40.5	45.8	87	85	44-170	12	20	
Carbon tetrachloride	ug/kg	ND	46.6	53.6	37.1	41.5	80	77	45-162	11	20	
Chlorobenzene	ug/kg	ND	46.6	53.6	19.5	23.0	42	43	71-135	16	20	M1
Chloroethane	ug/kg	ND	46.6	53.6	39.4	46.2	85	86	32-175	16	20	
Chloroform	ug/kg	ND	46.6	53.6	28.1	33.4	60	62	61-136	17	20	M1
Chloromethane	ug/kg	ND	46.6	53.6	35.9	41.2	77	77	38-154	14	20	
cis-1,2-Dichloroethene	ug/kg	ND	46.6	53.6	27.5	32.5	59	61	44-160	17	20	
cis-1,3-Dichloropropene	ug/kg	ND	46.6	53.6	20.1	23.7	43	44	47-153	16	20	M1
Dibromochloromethane	ug/kg	ND	46.6	53.6	18.1	21.6	39	40	64-130	18	20	M1
Dichlorodifluoromethane	ug/kg	ND	46.6	53.6	42.4	49.5	91	92	22-160	15	20	
Ethylbenzene	ug/kg	ND	46.6	53.6	22.9	25.4	49	47	51-153	11	20	M1
Isopropylbenzene (Cumene)	ug/kg	ND	46.6	53.6	25.1	25.8	54	48	68-145	3	20	M1
m&p-Xylene	ug/kg	ND	93.1	107	44.0	48.8	47	45	30-173	10	20	
Methyl acetate	ug/kg	ND	46.6	53.6	7.8J	11.0	17	21	20-173		20	M1
Methyl-tert-butyl ether	ug/kg	ND	46.6	53.6	20.5	24.3	44	45	36-160	17	20	
Methylene Chloride	ug/kg	ND	46.6	53.6	27.5	31.3	59	58	56-140	13	20	
o-Xylene	ug/kg	ND	46.6	53.6	20.0	23.0	43	43	10-197	14	20	
Styrene	ug/kg	ND	46.6	53.6	7.0	9.3	15	17	37-163	29	20	M1, R1
Tetrachloroethene	ug/kg	ND	46.6	53.6	27.7	29.9	59	56	18-193	8	20	
Toluene	ug/kg	ND	46.6	53.6	26.0	29.7	56	55	33-175	13	20	
trans-1,2-Dichloroethene	ug/kg	ND	46.6	53.6	31.6	37.1	68	69	63-140	16	20	
trans-1,3-Dichloropropene	ug/kg	ND	46.6	53.6	18.0	21.4	39	40	47-153	17	20	M1
Trichloroethene	ug/kg	ND	46.6	53.6	30.9	35.5	66	66	24-181	14	20	
Trichlorofluoromethane	ug/kg	ND	46.6	53.6	47.4	56.6	102	105	37-182	18	20	
Vinyl chloride	ug/kg	ND	46.6	53.6	41.7	47.9	90	89	19-169	14	20	
4-Bromofluorobenzene (S)	%						105	103	64-139			
Dibromofluoromethane (S)	%						96	97	66-143			
Toluene-d8 (S)	%						99	99	75-125			

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

QC Batch: 193774	Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B	Analysis Description: 8260 MSV 5035 Low Level
	Laboratory: Pace Analytical Services - New Orleans

Associated Lab Samples: 20162810008

METHOD BLANK: 897262 Matrix: Solid  
Associated Lab Samples: 20162810008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	07/23/20 12:18	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	07/23/20 12:18	
1,1,2-Trichloroethane	ug/kg	ND	5.0	07/23/20 12:18	
1,1-Dichloroethane	ug/kg	ND	5.0	07/23/20 12:18	
1,1-Dichloroethene	ug/kg	ND	5.0	07/23/20 12:18	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	07/23/20 12:18	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	07/23/20 12:18	
1,2-Dichloroethane	ug/kg	ND	5.0	07/23/20 12:18	
1,2-Dichloropropane	ug/kg	ND	5.0	07/23/20 12:18	
2-Butanone (MEK)	ug/kg	ND	10.0	07/23/20 12:18	
2-Hexanone	ug/kg	ND	10.0	07/23/20 12:18	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	07/23/20 12:18	
Acetone	ug/kg	ND	10.0	07/23/20 12:18	
Benzene	ug/kg	ND	5.0	07/23/20 12:18	
Bromodichloromethane	ug/kg	ND	5.0	07/23/20 12:18	
Bromoform	ug/kg	ND	5.0	07/23/20 12:18	
Bromomethane	ug/kg	ND	5.0	07/23/20 12:18	
Carbon disulfide	ug/kg	ND	5.0	07/23/20 12:18	
Carbon tetrachloride	ug/kg	ND	5.0	07/23/20 12:18	
Chlorobenzene	ug/kg	ND	5.0	07/23/20 12:18	
Chloroethane	ug/kg	ND	5.0	07/23/20 12:18	
Chloroform	ug/kg	ND	5.0	07/23/20 12:18	
Chloromethane	ug/kg	ND	5.0	07/23/20 12:18	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	07/23/20 12:18	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	07/23/20 12:18	
Dibromochloromethane	ug/kg	ND	5.0	07/23/20 12:18	
Dichlorodifluoromethane	ug/kg	ND	5.0	07/23/20 12:18	
Ethylbenzene	ug/kg	ND	5.0	07/23/20 12:18	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	07/23/20 12:18	
m&p-Xylene	ug/kg	ND	10.0	07/23/20 12:18	
Methyl acetate	ug/kg	ND	10.0	07/23/20 12:18	
Methyl-tert-butyl ether	ug/kg	ND	5.0	07/23/20 12:18	
Methylene Chloride	ug/kg	ND	5.0	07/23/20 12:18	
o-Xylene	ug/kg	ND	5.0	07/23/20 12:18	
Styrene	ug/kg	ND	5.0	07/23/20 12:18	
Tetrachloroethene	ug/kg	ND	5.0	07/23/20 12:18	
Toluene	ug/kg	ND	5.0	07/23/20 12:18	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	07/23/20 12:18	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	07/23/20 12:18	
Trichloroethene	ug/kg	ND	5.0	07/23/20 12:18	

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

METHOD BLANK: 897262  
Associated Lab Samples: 20162810008

Matrix: Solid

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/kg	ND	5.0	07/23/20 12:18	
Vinyl chloride	ug/kg	ND	2.0	07/23/20 12:18	
4-Bromofluorobenzene (S)	%	102	64-139	07/23/20 12:18	
Dibromofluoromethane (S)	%	98	66-143	07/23/20 12:18	
Toluene-d8 (S)	%	104	75-125	07/23/20 12:18	

LABORATORY CONTROL SAMPLE: 897263

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	47.6	95	76-126	
1,1,2,2-Tetrachloroethane	ug/kg	50	56.2	112	65-129	
1,1,2-Trichloroethane	ug/kg	50	55.8	112	75-121	
1,1-Dichloroethane	ug/kg	50	50.3	101	71-127	
1,1-Dichloroethene	ug/kg	50	49.8	100	63-130	
1,2-Dibromo-3-chloropropane	ug/kg	50	51.5	103	59-131	
1,2-Dibromoethane (EDB)	ug/kg	50	56.6	113	75-125	
1,2-Dichloroethane	ug/kg	50	49.1	98	65-131	
1,2-Dichloropropane	ug/kg	50	51.0	102	72-125	
2-Butanone (MEK)	ug/kg	50	46.9	94	34-170	
2-Hexanone	ug/kg	50	46.8	94	52-147	
4-Methyl-2-pentanone (MIBK)	ug/kg	50	47.4	95	58-141	
Acetone	ug/kg	50	51.2	102	16-192	
Benzene	ug/kg	50	51.8	104	74-132	
Bromodichloromethane	ug/kg	50	52.1	104	73-117	
Bromoform	ug/kg	50	54.8	110	58-132	
Bromomethane	ug/kg	50	45.8	92	47-157	
Carbon disulfide	ug/kg	50	53.4	107	52-145	
Carbon tetrachloride	ug/kg	50	48.5	97	68-129	
Chlorobenzene	ug/kg	50	52.2	104	79-121	
Chloroethane	ug/kg	50	48.7	97	34-160	
Chloroform	ug/kg	50	51.4	103	70-120	
Chloromethane	ug/kg	50	43.3	87	44-142	
cis-1,2-Dichloroethene	ug/kg	50	52.5	105	71-124	
cis-1,3-Dichloropropene	ug/kg	50	55.0	110	77-121	
Dibromochloromethane	ug/kg	50	55.3	111	67-122	
Dichlorodifluoromethane	ug/kg	50	50.5	101	28-148	
Ethylbenzene	ug/kg	50	49.9	100	79-116	
Isopropylbenzene (Cumene)	ug/kg	50	52.5	105	77-126	
m&p-Xylene	ug/kg	100	101	101	78-119	
Methyl acetate	ug/kg	50	53.5	107	47-155	
Methyl-tert-butyl ether	ug/kg	50	53.1	106	58-135	
Methylene Chloride	ug/kg	50	52.8	106	49-145	
o-Xylene	ug/kg	50	51.4	103	77-121	
Styrene	ug/kg	50	50.8	102	81-123	

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

LABORATORY CONTROL SAMPLE: 897263

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/kg	50	52.8	106	62-138	
Toluene	ug/kg	50	51.4	103	79-120	
trans-1,2-Dichloroethene	ug/kg	50	50.8	102	68-125	
trans-1,3-Dichloropropene	ug/kg	50	55.2	110	77-121	
Trichloroethene	ug/kg	50	50.8	102	77-117	
Trichlorofluoromethane	ug/kg	50	45.0	90	45-164	
Vinyl chloride	ug/kg	50	44.3	89	48-130	
4-Bromofluorobenzene (S)	%			101	64-139	
Dibromofluoromethane (S)	%			103	66-143	
Toluene-d8 (S)	%			103	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 897264 897265

Parameter	Units	20162810008		MSD		MSD		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
1,1,1-Trichloroethane	ug/kg	ND	48.1	46.6	39.3	39.3	82	84	73-141	0	20		
1,1,2,2-Tetrachloroethane	ug/kg	ND	48.1	46.6	28.0	28.9	58	62	48-148	3	20		
1,1,2-Trichloroethane	ug/kg	ND	48.1	46.6	32.2	31.5	67	68	46-154	2	20		
1,1-Dichloroethane	ug/kg	ND	48.1	46.6	37.8	36.5	79	78	63-145	4	20		
1,1-Dichloroethene	ug/kg	ND	48.1	46.6	42.0	40.1	87	86	28-176	5	20		
1,2-Dibromo-3-chloropropane	ug/kg	ND	48.1	46.6	23.6	25.2	49	54	40-152	6	20		
1,2-Dibromoethane (EDB)	ug/kg	ND	48.1	46.6	30.5	30.4	63	65	69-134	0	20	M1	
1,2-Dichloroethane	ug/kg	ND	48.1	46.6	30.1	28.4	63	61	51-147	6	20		
1,2-Dichloropropane	ug/kg	ND	48.1	46.6	34.9	35.0	73	75	64-140	0	20		
2-Butanone (MEK)	ug/kg	ND	48.1	46.6	25.5	24.3	53	52	10-200	5	20		
2-Hexanone	ug/kg	ND	48.1	46.6	23.5	22.9	49	49	40-157	3	20		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	48.1	46.6	23.5	22.9	49	49	36-165	3	20		
Acetone	ug/kg	ND	48.1	46.6	31.0	27.4	65	59	10-200	12	20		
Benzene	ug/kg	ND	48.1	46.6	38.5	38.6	80	83	29-186	0	20		
Bromodichloromethane	ug/kg	ND	48.1	46.6	33.7	33.1	70	71	58-139	2	20		
Bromoform	ug/kg	ND	48.1	46.6	28.0	27.6	58	59	57-135	1	20		
Bromomethane	ug/kg	ND	48.1	46.6	36.3	35.6	75	76	42-168	2	20		
Carbon disulfide	ug/kg	ND	48.1	46.6	44.9	43.0	93	92	44-170	4	20		
Carbon tetrachloride	ug/kg	ND	48.1	46.6	41.2	41.2	86	88	45-162	0	20		
Chlorobenzene	ug/kg	ND	48.1	46.6	35.8	35.9	74	77	71-135	0	20		
Chloroethane	ug/kg	ND	48.1	46.6	40.5	39.2	84	84	32-175	3	20		
Chloroform	ug/kg	ND	48.1	46.6	36.6	35.6	76	76	61-136	3	20		
Chloromethane	ug/kg	ND	48.1	46.6	36.2	34.5	75	74	38-154	5	20		
cis-1,2-Dichloroethene	ug/kg	ND	48.1	46.6	37.7	36.5	78	78	44-160	3	20		
cis-1,3-Dichloropropene	ug/kg	ND	48.1	46.6	34.3	34.5	71	74	47-153	1	20		
Dibromochloromethane	ug/kg	ND	48.1	46.6	31.5	31.9	66	68	64-130	1	20		
Dichlorodifluoromethane	ug/kg	ND	48.1	46.6	46.0	45.2	96	97	22-160	2	20		
Ethylbenzene	ug/kg	ND	48.1	46.6	36.7	36.8	76	79	51-153	0	20		

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		897264		897265									
Parameter	Units	20162810008	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Isopropylbenzene (Cumene)	ug/kg	ND	48.1	46.6	39.0	41.1	81	88	68-145		5	20	
m&p-Xylene	ug/kg	ND	96.2	93.3	73.6	74.6	76	80	30-173		1	20	
Methyl acetate	ug/kg	ND	48.1	46.6	37.9	37.3	79	80	20-173		2	20	
Methyl-tert-butyl ether	ug/kg	ND	48.1	46.6	29.3	27.8	61	60	36-160		5	20	
Methylene Chloride	ug/kg	ND	48.1	46.6	35.5	34.9	72	73	56-140		2	20	
o-Xylene	ug/kg	ND	48.1	46.6	35.4	36.1	74	77	10-197		2	20	
Styrene	ug/kg	ND	48.1	46.6	33.0	32.7	69	70	37-163		1	20	
Tetrachloroethene	ug/kg	ND	48.1	46.6	44.3	44.9	92	96	18-193		1	20	
Toluene	ug/kg	ND	48.1	46.6	38.6	38.9	80	83	33-175		1	20	
trans-1,2-Dichloroethene	ug/kg	ND	48.1	46.6	40.2	39.1	84	84	63-140		3	20	
trans-1,3-Dichloropropene	ug/kg	ND	48.1	46.6	32.3	31.7	67	68	47-153		2	20	
Trichloroethene	ug/kg	ND	48.1	46.6	40.5	40.4	84	87	24-181		0	20	
Trichlorofluoromethane	ug/kg	ND	48.1	46.6	40.7	40.4	85	87	37-182		1	20	
Vinyl chloride	ug/kg	ND	48.1	46.6	38.2	37.0	79	79	19-169		3	20	
4-Bromofluorobenzene (S)	%						100	103	64-139				
Dibromofluoromethane (S)	%						102	99	66-143				
Toluene-d8 (S)	%						104	104	75-125				

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

QC Batch: 193309	Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260	Analysis Description: 8260 MSV Low Level
	Laboratory: Pace Analytical Services - New Orleans

Associated Lab Samples: 20162810001, 20162810002, 20162810003, 20162810004, 20162810005

METHOD BLANK: 894747 Matrix: Water  
Associated Lab Samples: 20162810001, 20162810002, 20162810003, 20162810004, 20162810005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	0.50	07/20/20 12:07	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	07/20/20 12:07	
1,1,2-Trichloroethane	ug/L	ND	0.50	07/20/20 12:07	
1,1-Dichloroethane	ug/L	ND	0.50	07/20/20 12:07	
1,1-Dichloroethene	ug/L	ND	0.50	07/20/20 12:07	
1,2-Dibromo-3-chloropropane	ug/L	ND	0.20	07/20/20 12:07	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	07/20/20 12:07	
1,2-Dichloroethane	ug/L	ND	0.50	07/20/20 12:07	
1,2-Dichloropropane	ug/L	ND	0.50	07/20/20 12:07	
2-Butanone (MEK)	ug/L	ND	2.0	07/20/20 12:07	
2-Hexanone	ug/L	ND	1.0	07/20/20 12:07	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	1.0	07/20/20 12:07	
Acetone	ug/L	ND	4.0	07/20/20 12:07	
Benzene	ug/L	ND	0.50	07/20/20 12:07	
Bromodichloromethane	ug/L	ND	0.50	07/20/20 12:07	
Bromoform	ug/L	ND	1.0	07/20/20 12:07	
Bromomethane	ug/L	ND	0.50	07/20/20 12:07	
Carbon disulfide	ug/L	ND	1.0	07/20/20 12:07	
Carbon tetrachloride	ug/L	ND	0.50	07/20/20 12:07	
Chlorobenzene	ug/L	ND	0.50	07/20/20 12:07	
Chloroethane	ug/L	ND	0.50	07/20/20 12:07	
Chloroform	ug/L	ND	0.50	07/20/20 12:07	
Chloromethane	ug/L	ND	0.50	07/20/20 12:07	
cis-1,2-Dichloroethene	ug/L	ND	1.0	07/20/20 12:07	
cis-1,3-Dichloropropene	ug/L	ND	0.50	07/20/20 12:07	
Dibromochloromethane	ug/L	ND	0.50	07/20/20 12:07	
Dichlorodifluoromethane	ug/L	ND	1.0	07/20/20 12:07	
Ethylbenzene	ug/L	ND	0.50	07/20/20 12:07	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	07/20/20 12:07	
m&p-Xylene	ug/L	ND	2.0	07/20/20 12:07	
Methyl acetate	ug/L	ND	2.0	07/20/20 12:07	
Methyl-tert-butyl ether	ug/L	ND	0.50	07/20/20 12:07	
Methylene Chloride	ug/L	ND	0.50	07/20/20 12:07	
o-Xylene	ug/L	ND	1.0	07/20/20 12:07	
Styrene	ug/L	ND	1.0	07/20/20 12:07	
Tetrachloroethene	ug/L	ND	0.50	07/20/20 12:07	
Toluene	ug/L	ND	0.50	07/20/20 12:07	
trans-1,2-Dichloroethene	ug/L	ND	0.50	07/20/20 12:07	
trans-1,3-Dichloropropene	ug/L	ND	0.50	07/20/20 12:07	
Trichloroethene	ug/L	ND	0.50	07/20/20 12:07	

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### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 20-0008  
Pace Project No.: 20162810

METHOD BLANK: 894747 Matrix: Water  
Associated Lab Samples: 20162810001, 20162810002, 20162810003, 20162810004, 20162810005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	ND	1.0	07/20/20 12:07	
Vinyl chloride	ug/L	ND	0.50	07/20/20 12:07	
4-Bromofluorobenzene (S)	%	110	68-124	07/20/20 12:07	
Dibromofluoromethane (S)	%	104	72-126	07/20/20 12:07	
Toluene-d8 (S)	%	98	79-119	07/20/20 12:07	

LABORATORY CONTROL SAMPLE: 894748

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.0	100	62-131	
1,1,2,2-Tetrachloroethane	ug/L	50	47.2	94	15-179	
1,1,2-Trichloroethane	ug/L	50	45.8	92	58-144	
1,1-Dichloroethane	ug/L	50	47.3	95	63-129	
1,1-Dichloroethene	ug/L	50	37.7	75	51-139	
1,2-Dibromo-3-chloropropane	ug/L	50	51.5	103	21-160	
1,2-Dibromoethane (EDB)	ug/L	50	51.1	102	52-161	
1,2-Dichloroethane	ug/L	50	47.4	95	57-148	
1,2-Dichloropropane	ug/L	50	46.9	94	66-128	
2-Butanone (MEK)	ug/L	50	53.7	107	32-183	
2-Hexanone	ug/L	50	49.8	100	36-170	
4-Methyl-2-pentanone (MIBK)	ug/L	50	52.5	105	26-171	
Acetone	ug/L	50	54.1	108	22-165	
Benzene	ug/L	50	47.4	95	62-131	
Bromodichloromethane	ug/L	50	49.6	99	69-132	
Bromoform	ug/L	50	54.2	108	35-166	
Bromomethane	ug/L	50	38.1	76	34-158	
Carbon disulfide	ug/L	50	38.0	76	31-128	
Carbon tetrachloride	ug/L	50	49.0	98	54-144	
Chlorobenzene	ug/L	50	49.7	99	70-127	
Chloroethane	ug/L	50	38.4	77	17-195	
Chloroform	ug/L	50	48.7	97	73-134	
Chloromethane	ug/L	50	51.5	103	17-153	
cis-1,2-Dichloroethene	ug/L	50	49.1	98	68-129	
cis-1,3-Dichloropropene	ug/L	50	51.5	103	72-138	
Dibromochloromethane	ug/L	50	51.5	103	49-146	
Dichlorodifluoromethane	ug/L	50	52.2	104	10-179	
Ethylbenzene	ug/L	50	50.0	100	66-126	
Isopropylbenzene (Cumene)	ug/L	50	51.8	104	51-138	
m&p-Xylene	ug/L	100	98.7	99	65-129	
Methyl acetate	ug/L	50	44.2	88	20-142	
Methyl-tert-butyl ether	ug/L	50	48.6	97	37-166	
Methylene Chloride	ug/L	50	38.9	78	46-168	
o-Xylene	ug/L	50	50.9	102	65-124	
Styrene	ug/L	50	50.8	102	72-133	

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

LABORATORY CONTROL SAMPLE: 894748

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	50	54.1	108	46-157	
Toluene	ug/L	50	46.1	92	69-126	
trans-1,2-Dichloroethene	ug/L	50	46.5	93	60-129	
trans-1,3-Dichloropropene	ug/L	50	51.8	104	59-149	
Trichloroethene	ug/L	50	50.6	101	67-132	
Trichlorofluoromethane	ug/L	50	41.3	83	39-171	
Vinyl chloride	ug/L	50	42.6	85	27-149	
4-Bromofluorobenzene (S)	%			101	68-124	
Dibromofluoromethane (S)	%			99	72-126	
Toluene-d8 (S)	%			97	79-119	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 894749 894750

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		20163290001 Result	Spike Conc.	Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/L	ND	50	50	56.6	59.7	113	119	54-137	5	20		
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	51.2	54.9	102	110	15-187	7	20		
1,1,2-Trichloroethane	ug/L	ND	50	50	49.8	55.2	100	110	59-148	10	20		
1,1-Dichloroethane	ug/L	ND	50	50	52.4	56.2	105	112	59-133	7	20		
1,1-Dichloroethene	ug/L	ND	50	50	43.9	46.0	88	92	44-146	5	20		
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	57.5	60.3	115	121	23-166	5	20		
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	54.7	58.4	109	117	55-166	6	20		
1,2-Dichloroethane	ug/L	ND	50	50	52.2	56.0	104	112	56-154	7	20		
1,2-Dichloropropane	ug/L	ND	50	50	50.2	53.4	100	107	62-135	6	20		
2-Butanone (MEK)	ug/L	ND	50	50	56.6	58.2	113	116	20-205	3	20		
2-Hexanone	ug/L	ND	50	50	51.4	53.9	103	108	25-189	5	20		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	50	50	55.8	60.7	112	121	23-184	8	20		
Acetone	ug/L	ND	50	50	55.1	58.2	107	113	11-217	5	20		
Benzene	ug/L	ND	50	50	52.4	55.4	105	111	52-141	5	20		
Bromodichloromethane	ug/L	ND	50	50	54.3	58.1	109	116	70-134	7	20		
Bromoform	ug/L	ND	50	50	60.4	67.0	121	134	37-171	10	20		
Bromomethane	ug/L	ND	50	50	38.7	39.4	77	79	34-155	2	20		
Carbon disulfide	ug/L	ND	50	50	48.1	46.8	96	93	28-130	3	20		
Carbon tetrachloride	ug/L	ND	50	50	56.3	59.6	113	119	48-146	6	20		
Chlorobenzene	ug/L	ND	50	50	55.2	59.0	110	118	67-129	7	20		
Chloroethane	ug/L	ND	50	50	42.9	45.5	86	91	12-192	6	20		
Chloroform	ug/L	ND	50	50	53.5	57.0	107	114	66-143	6	20		
Chloromethane	ug/L	ND	50	50	58.7	62.0	117	124	14-155	6	20		
cis-1,2-Dichloroethene	ug/L	ND	50	50	54.3	57.7	109	115	56-141	6	20		
cis-1,3-Dichloropropene	ug/L	ND	50	50	56.0	58.4	112	117	70-139	4	20		
Dibromochloromethane	ug/L	ND	50	50	58.4	62.5	117	125	50-150	7	20		
Dichlorodifluoromethane	ug/L	ND	50	50	60.4	62.6	121	125	10-173	4	20		
Ethylbenzene	ug/L	ND	50	50	54.5	59.2	109	118	57-135	8	20		

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**QUALITY CONTROL DATA**

Project: 20-0008  
Pace Project No.: 20162810

Parameter	Units	20163290001		894749		894750		% Rec	MSD	% Rec	MSD	% Rec	MSD	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec											
Isopropylbenzene (Cumene)	ug/L	ND	50	50	56.4	61.1	113	122	40-146	8	20							
m&p-Xylene	ug/L	ND	100	100	108	119	108	119	56-136	9	20							
Methyl acetate	ug/L	ND	50	50	47.0	47.5	94	95	10-142	1	20							
Methyl-tert-butyl ether	ug/L	ND	50	50	52.8	58.1	106	116	35-176	10	20							
Methylene Chloride	ug/L	ND	50	50	47.5	39.7	95	79	45-166	18	20							
o-Xylene	ug/L	ND	50	50	55.8	60.0	112	120	57-133	7	20							
Styrene	ug/L	ND	50	50	56.6	60.9	113	122	58-144	7	20							
Tetrachloroethene	ug/L	ND	50	50	61.7	67.0	123	134	48-143	8	20							
Toluene	ug/L	ND	50	50	51.0	53.8	102	108	59-136	5	20							
trans-1,2-Dichloroethene	ug/L	ND	50	50	54.3	56.9	109	114	57-132	5	20							
trans-1,3-Dichloropropene	ug/L	ND	50	50	56.9	60.4	114	121	59-154	6	20							
Trichloroethene	ug/L	ND	50	50	57.1	59.0	114	118	58-140	3	20							
Trichlorofluoromethane	ug/L	ND	50	50	47.8	50.0	96	100	24-175	5	20							
Vinyl chloride	ug/L	ND	50	50	48.3	49.4	97	99	21-150	2	20							
4-Bromofluorobenzene (S)	%.						103	103	68-124									
Dibromofluoromethane (S)	%.						100	100	72-126									
Toluene-d8 (S)	%.						96	96	79-119									

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

QC Batch: 193022      Analysis Method: EPA 8015B Modified  
QC Batch Method: EPA 3546      Analysis Description: EPA 8015 ORO  
Laboratory: Pace Analytical Services - New Orleans  
Associated Lab Samples: 20162810006, 20162810007, 20162810008, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

METHOD BLANK: 893330      Matrix: Solid  
Associated Lab Samples: 20162810006, 20162810007, 20162810008, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organic (C10-C28)	mg/kg	ND	10.0	07/17/20 13:43	
Oil Range Organics (>C28-C40)	mg/kg	ND	50.0	07/17/20 13:43	
n-Pentacosane (S)	%	70	16-147	07/17/20 13:43	
o-Terphenyl (S)	%	77	16-127	07/17/20 13:43	

LABORATORY CONTROL SAMPLE: 893331

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range Organic (C10-C28)	mg/kg	50	51.7	103	34-125	
Oil Range Organics (>C28-C40)	mg/kg	50	29.5J	59	40-120	
n-Pentacosane (S)	%			108	16-147	
o-Terphenyl (S)	%			84	16-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 893332      893333

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		20162810006 Result	Spike Conc.	Spike Conc.	MS Result						
Diesel Range Organic (C10-C28)	mg/kg	ND	48.4	49.4	35.9	46.3	67	86	10-163	25	20 R1
Oil Range Organics (>C28-C40)	mg/kg	ND	48.4	49.4	22J	30.5J	33	50	40-120		20 M1
n-Pentacosane (S)	%						92	111	16-147		
o-Terphenyl (S)	%						70	84	16-127		

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**QUALITY CONTROL DATA**

Project: 20-0008  
Pace Project No.: 20162810

QC Batch: 193028	Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 3535	Analysis Description: EPA 8015 ORO
	Laboratory: Pace Analytical Services - New Orleans

Associated Lab Samples: 20162810003

METHOD BLANK: 893368 Matrix: Water  
Associated Lab Samples: 20162810003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organic (C10-C28)	mg/L	ND	0.25	07/20/20 09:37	
Oil Range Organics (>C28-C40)	mg/L	ND	0.50	07/20/20 09:37	
n-Pentacosane (S)	%	53	16-137	07/20/20 09:37	
o-Terphenyl (S)	%	51	10-121	07/20/20 09:37	

LABORATORY CONTROL SAMPLE: 893369

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range Organic (C10-C28)	mg/L	0.5	0.33	66	10-115	
Oil Range Organics (>C28-C40)	mg/L	0.5	.21J	42	40-120	
n-Pentacosane (S)	%			76	16-137	
o-Terphenyl (S)	%			50	10-121	

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

QC Batch:	193023	Analysis Method:	EPA 8270
QC Batch Method:	EPA 3546	Analysis Description:	8270 Solid MSSV Microwave
		Laboratory:	Pace Analytical Services - New Orleans

Associated Lab Samples: 20162810006, 20162810007, 20162810008, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

METHOD BLANK: 893334 Matrix: Solid  
Associated Lab Samples: 20162810006, 20162810007, 20162810008, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	07/20/20 13:21	
1,2-Dichlorobenzene	ug/kg	ND	330	07/20/20 13:21	
1,3-Dichlorobenzene	ug/kg	ND	330	07/20/20 13:21	
1,4-Dichlorobenzene	ug/kg	ND	330	07/20/20 13:21	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	330	07/20/20 13:21	
2,4,5-Trichlorophenol	ug/kg	ND	330	07/20/20 13:21	
2,4,6-Trichlorophenol	ug/kg	ND	330	07/20/20 13:21	
2,4-Dichlorophenol	ug/kg	ND	330	07/20/20 13:21	
2,4-Dimethylphenol	ug/kg	ND	330	07/20/20 13:21	
2,4-Dinitrophenol	ug/kg	ND	830	07/20/20 13:21	
2,4-Dinitrotoluene	ug/kg	ND	330	07/20/20 13:21	
2,6-Dinitrotoluene	ug/kg	ND	330	07/20/20 13:21	
2-Chloronaphthalene	ug/kg	ND	330	07/20/20 13:21	
2-Chlorophenol	ug/kg	ND	330	07/20/20 13:21	
2-Methylnaphthalene	ug/kg	ND	330	07/20/20 13:21	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	07/20/20 13:21	
2-Nitroaniline	ug/kg	ND	330	07/20/20 13:21	
2-Nitrophenol	ug/kg	ND	330	07/20/20 13:21	
3&4-Chloroaniline	ug/kg	ND	330	07/20/20 13:21	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	07/20/20 13:21	
3,3'-Dichlorobenzidine	ug/kg	ND	667	07/20/20 13:21	
3-Nitroaniline	ug/kg	ND	330	07/20/20 13:21	
4,6-Dinitro-2-methylphenol	ug/kg	ND	330	07/20/20 13:21	
4-Bromophenylphenyl ether	ug/kg	ND	330	07/20/20 13:21	
4-Chloro-3-methylphenol	ug/kg	ND	330	07/20/20 13:21	
4-Chlorophenylphenyl ether	ug/kg	ND	330	07/20/20 13:21	
4-Nitroaniline	ug/kg	ND	330	07/20/20 13:21	
4-Nitrophenol	ug/kg	ND	330	07/20/20 13:21	
Acenaphthene	ug/kg	ND	330	07/20/20 13:21	
Acenaphthylene	ug/kg	ND	330	07/20/20 13:21	
Anthracene	ug/kg	ND	330	07/20/20 13:21	
Benzo(a)anthracene	ug/kg	ND	330	07/20/20 13:21	
Benzo(a)pyrene	ug/kg	ND	330	07/20/20 13:21	
Benzo(b)fluoranthene	ug/kg	ND	330	07/20/20 13:21	
Benzo(g,h,i)perylene	ug/kg	ND	330	07/20/20 13:21	
Benzo(k)fluoranthene	ug/kg	ND	330	07/20/20 13:21	
Benzoic acid	ug/kg	ND	830	07/20/20 13:21	
Benzyl alcohol	ug/kg	ND	330	07/20/20 13:21	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	07/20/20 13:21	

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

METHOD BLANK: 893334 Matrix: Solid  
Associated Lab Samples: 20162810006, 20162810007, 20162810008, 20162810009, 20162810010, 20162810011, 20162810012, 20162810014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroethyl) ether	ug/kg	ND	330	07/20/20 13:21	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	07/20/20 13:21	
Butylbenzylphthalate	ug/kg	ND	330	07/20/20 13:21	
Carbazole	ug/kg	ND	330	07/20/20 13:21	
Chrysene	ug/kg	ND	330	07/20/20 13:21	
Di-n-butylphthalate	ug/kg	ND	330	07/20/20 13:21	
Di-n-octylphthalate	ug/kg	ND	330	07/20/20 13:21	
Dibenz(a,h)anthracene	ug/kg	ND	330	07/20/20 13:21	
Dibenzofuran	ug/kg	ND	330	07/20/20 13:21	
Diethylphthalate	ug/kg	ND	330	07/20/20 13:21	
Dimethylphthalate	ug/kg	ND	330	07/20/20 13:21	
Fluoranthene	ug/kg	ND	330	07/20/20 13:21	
Fluorene	ug/kg	ND	330	07/20/20 13:21	
Hexachloro-1,3-butadiene	ug/kg	ND	330	07/20/20 13:21	
Hexachlorobenzene	ug/kg	ND	330	07/20/20 13:21	
Hexachlorocyclopentadiene	ug/kg	ND	330	07/20/20 13:21	
Hexachloroethane	ug/kg	ND	330	07/20/20 13:21	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	07/20/20 13:21	
Isophorone	ug/kg	ND	330	07/20/20 13:21	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	07/20/20 13:21	
N-Nitrosodiphenylamine	ug/kg	ND	330	07/20/20 13:21	
Naphthalene	ug/kg	ND	330	07/20/20 13:21	
Nitrobenzene	ug/kg	ND	330	07/20/20 13:21	
Pentachlorophenol	ug/kg	ND	330	07/20/20 13:21	
Phenanthrene	ug/kg	ND	330	07/20/20 13:21	
Phenol	ug/kg	ND	330	07/20/20 13:21	
Pyrene	ug/kg	ND	330	07/20/20 13:21	
2,4,6-Tribromophenol (S)	%	71	10-138	07/20/20 13:21	
2-Fluorobiphenyl (S)	%	75	10-129	07/20/20 13:21	
2-Fluorophenol (S)	%	78	10-129	07/20/20 13:21	
Nitrobenzene-d5 (S)	%	74	10-144	07/20/20 13:21	
Phenol-d6 (S)	%	75	10-128	07/20/20 13:21	
Terphenyl-d14 (S)	%	94	10-145	07/20/20 13:21	

LABORATORY CONTROL SAMPLE: 893335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1210	73	47-104	
1,2-Dichlorobenzene	ug/kg	1670	1220	73	47-102	
1,3-Dichlorobenzene	ug/kg	1670	1210	73	47-100	
1,4-Dichlorobenzene	ug/kg	1670	1210	73	47-100	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1220	73	30-114	
2,4,5-Trichlorophenol	ug/kg	1670	1300	78	41-106	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

LABORATORY CONTROL SAMPLE: 893335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,6-Trichlorophenol	ug/kg	1670	1280	77	44-110	
2,4-Dichlorophenol	ug/kg	1670	1250	75	45-106	
2,4-Dimethylphenol	ug/kg	1670	1190	71	24-107	
2,4-Dinitrophenol	ug/kg	1670	810J	49	10-112	
2,4-Dinitrotoluene	ug/kg	1670	1340	80	45-117	
2,6-Dinitrotoluene	ug/kg	1670	1300	78	47-113	
2-Chloronaphthalene	ug/kg	1670	1250	75	45-109	
2-Chlorophenol	ug/kg	1670	1230	74	46-102	
2-Methylnaphthalene	ug/kg	1670	1230	74	48-105	
2-Methylphenol(o-Cresol)	ug/kg	1670	1240	74	44-105	
2-Nitroaniline	ug/kg	1670	1260	76	35-122	
2-Nitrophenol	ug/kg	1670	1310	78	47-106	
3&4-Chloroaniline	ug/kg	1670	838	50	33-123	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1200	72	42-105	
3,3'-Dichlorobenzidine	ug/kg	1670	904	54	32-136	
3-Nitroaniline	ug/kg	1670	1030	62	36-122	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1170	70	31-118	
4-Bromophenylphenyl ether	ug/kg	1670	1300	78	46-111	
4-Chloro-3-methylphenol	ug/kg	1670	1240	75	44-109	
4-Chlorophenylphenyl ether	ug/kg	1670	1290	78	45-112	
4-Nitroaniline	ug/kg	1670	1270	76	32-132	
4-Nitrophenol	ug/kg	1670	1290	77	31-125	
Acenaphthene	ug/kg	1670	1240	74	43-113	
Acenaphthylene	ug/kg	1670	1230	74	45-108	
Anthracene	ug/kg	1670	1220	73	46-120	
Benzo(a)anthracene	ug/kg	1670	1230	74	46-110	
Benzo(a)pyrene	ug/kg	1670	1260	75	46-122	
Benzo(b)fluoranthene	ug/kg	1670	1260	76	15-147	
Benzo(g,h,i)perylene	ug/kg	1670	1450	87	38-126	
Benzo(k)fluoranthene	ug/kg	1670	1180	71	22-138	
Benzoic acid	ug/kg	1670	ND	34	10-134	
Benzyl alcohol	ug/kg	1670	1220	73	42-111	
bis(2-Chloroethoxy)methane	ug/kg	1670	1210	72	47-102	
bis(2-Chloroethyl) ether	ug/kg	1670	1310	79	43-104	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1250	75	42-114	
Butylbenzylphthalate	ug/kg	1670	1280	77	44-113	
Carbazole	ug/kg	1670	1310	79	44-124	
Chrysene	ug/kg	1670	1210	73	47-109	
Di-n-butylphthalate	ug/kg	1670	1270	76	45-108	
Di-n-octylphthalate	ug/kg	1670	1280	77	10-167	
Dibenz(a,h)anthracene	ug/kg	1670	1380	83	16-139	
Dibenzofuran	ug/kg	1670	1260	76	46-109	
Diethylphthalate	ug/kg	1670	1250	75	44-113	
Dimethylphthalate	ug/kg	1670	1270	76	43-112	
Fluoranthene	ug/kg	1670	1260	76	48-111	
Fluorene	ug/kg	1670	1200	72	47-110	
Hexachloro-1,3-butadiene	ug/kg	1670	1230	74	45-112	

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

LABORATORY CONTROL SAMPLE: 893335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorobenzene	ug/kg	1670	1290	77	46-111	
Hexachlorocyclopentadiene	ug/kg	1670	1450	87	10-107	
Hexachloroethane	ug/kg	1670	1200	72	47-105	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1390	83	34-130	
Isophorone	ug/kg	1670	1220	73	33-133	
N-Nitroso-di-n-propylamine	ug/kg	1670	1190	72	43-106	
N-Nitrosodiphenylamine	ug/kg	1670	1260	75	54-131	
Naphthalene	ug/kg	1670	1200	72	44-103	
Nitrobenzene	ug/kg	1670	1220	73	42-109	
Pentachlorophenol	ug/kg	1670	1050	63	22-115	
Phenanthrene	ug/kg	1670	1220	73	49-105	
Phenol	ug/kg	1670	1230	74	41-103	
Pyrene	ug/kg	1670	1230	74	44-110	
2,4,6-Tribromophenol (S)	%			92	10-138	
2-Fluorobiphenyl (S)	%			87	10-129	
2-Fluorophenol (S)	%			86	10-129	
Nitrobenzene-d5 (S)	%			85	10-144	
Phenol-d6 (S)	%			83	10-128	
Terphenyl-d14 (S)	%			98	10-145	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 893521 893522

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		20162762043 Result	Spike Conc.	Spike Conc.	MS Result								
1,2,4-Trichlorobenzene	ug/kg	ND	1640	1650	1220	1340	75	81	11-131	9	40		
1,2-Dichlorobenzene	ug/kg	ND	1640	1650	1230	1360	75	82	16-127	10	40		
1,3-Dichlorobenzene	ug/kg	ND	1640	1650	1240	1370	76	83	10-133	10	40		
1,4-Dichlorobenzene	ug/kg	ND	1640	1650	1230	1350	75	82	15-126	9	40		
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	1640	1650	1240	1340	76	81	10-128	8	40		
2,4,5-Trichlorophenol	ug/kg	ND	1640	1650	1290	1420	79	86	10-133	9	40		
2,4,6-Trichlorophenol	ug/kg	ND	1640	1650	1280	1430	78	87	10-139	11	40		
2,4-Dichlorophenol	ug/kg	ND	1640	1650	1260	1390	77	84	10-132	9	40		
2,4-Dimethylphenol	ug/kg	ND	1640	1650	1250	1370	76	83	10-136	9	40		
2,4-Dinitrophenol	ug/kg	ND	1640	1650	ND	ND	0	0	10-110		40	M1	
2,4-Dinitrotoluene	ug/kg	ND	1640	1650	1100	1030	67	62	10-189	6	40		
2,6-Dinitrotoluene	ug/kg	ND	1640	1650	1100	1050	67	64	10-145	5	40		
2-Chloronaphthalene	ug/kg	ND	1640	1650	1240	1370	76	83	10-136	10	40		
2-Chlorophenol	ug/kg	ND	1640	1650	1250	1370	76	83	11-126	9	40		
2-Methylnaphthalene	ug/kg	ND	1640	1650	1240	1350	75	82	10-221	9	40		
2-Methylphenol(o-Cresol)	ug/kg	ND	1640	1650	1250	1370	76	83	10-173	9	40		
2-Nitroaniline	ug/kg	ND	1640	1650	1160	1090	71	66	10-163	7	40		
2-Nitrophenol	ug/kg	ND	1640	1650	1010	962	61	58	10-190	5	40		
3&4-Chloroaniline	ug/kg	ND	1640	1650	816	814	50	49	10-143	0	40		
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1640	1650	1210	1320	74	80	10-174	9	40		

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		893521			893522						
Parameter	Units	20162762043	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
3,3'-Dichlorobenzidine	ug/kg	ND	1640	1650	993	1120	61	68	10-161	12	40
3-Nitroaniline	ug/kg	ND	1640	1650	899	801	55	48	10-162	12	40
4,6-Dinitro-2-methylphenol	ug/kg	ND	1640	1650	209J	170J	13	10	10-151		40
4-Bromophenylphenyl ether	ug/kg	ND	1640	1650	1280	1400	78	84	10-137	8	40
4-Chloro-3-methylphenol	ug/kg	ND	1640	1650	1250	1380	76	83	10-136	10	40
4-Chlorophenylphenyl ether	ug/kg	ND	1640	1650	1280	1400	78	85	10-134	9	40
4-Nitroaniline	ug/kg	ND	1640	1650	1140	1090	69	66	10-171	4	40
4-Nitrophenol	ug/kg	ND	1640	1650	1110	1030	67	63	10-156	7	40
Acenaphthene	ug/kg	ND	1640	1650	1250	1350	76	82	10-168	8	40
Acenaphthylene	ug/kg	ND	1640	1650	1220	1350	74	82	10-133	10	40
Anthracene	ug/kg	ND	1640	1650	1230	1320	75	80	10-185	7	40
Benzo(a)anthracene	ug/kg	ND	1640	1650	1210	1350	74	82	10-131	11	40
Benzo(a)pyrene	ug/kg	ND	1640	1650	1280	1410	78	85	10-169	10	40
Benzo(b)fluoranthene	ug/kg	ND	1640	1650	1280	1520	78	92	10-152	17	40
Benzo(g,h,i)perylene	ug/kg	ND	1640	1650	833	916	51	55	10-157	10	40
Benzo(k)fluoranthene	ug/kg	ND	1640	1650	1390	1450	85	88	10-177	4	40
Benzoic acid	ug/kg	ND	1640	1650	ND	ND	0	10	10-147		40 M1
Benzyl alcohol	ug/kg	ND	1640	1650	1230	1350	75	82	10-135	9	40
bis(2-Chloroethoxy)methane	ug/kg	ND	1640	1650	1220	1340	74	81	10-146	10	40
bis(2-Chloroethyl) ether	ug/kg	ND	1640	1650	1350	1490	82	90	10-168	10	40
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1640	1650	1250	1380	77	83	10-154	9	40
Butylbenzylphthalate	ug/kg	ND	1640	1650	1270	1400	77	85	10-142	10	40
Carbazole	ug/kg	ND	1640	1650	1290	1430	78	87	10-206	11	40
Chrysene	ug/kg	ND	1640	1650	1210	1340	74	81	10-130	10	40
Di-n-butylphthalate	ug/kg	ND	1640	1650	1280	1390	78	84	10-150	8	40
Di-n-octylphthalate	ug/kg	ND	1640	1650	1560	1750	95	106	10-199	11	40
Dibenz(a,h)anthracene	ug/kg	ND	1640	1650	902	1010	55	61	10-169	11	40
Dibenzofuran	ug/kg	ND	1640	1650	1230	1360	75	82	11-134	10	40
Diethylphthalate	ug/kg	ND	1640	1650	1250	1390	76	84	11-132	11	40
Dimethylphthalate	ug/kg	ND	1640	1650	1260	1390	77	84	14-133	10	40
Fluoranthene	ug/kg	ND	1640	1650	1250	1370	76	83	10-191	10	40
Fluorene	ug/kg	ND	1640	1650	1190	1300	73	79	10-169	8	40
Hexachloro-1,3-butadiene	ug/kg	ND	1640	1650	1260	1380	77	83	10-147	9	40
Hexachlorobenzene	ug/kg	ND	1640	1650	1280	1440	78	87	10-135	12	40
Hexachlorocyclopentadiene	ug/kg	ND	1640	1650	478	394	29	24	10-117	19	40
Hexachloroethane	ug/kg	ND	1640	1650	1110	1140	67	69	10-161	3	40
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1640	1650	911	1000	56	61	10-154	10	40
Isophorone	ug/kg	ND	1640	1650	1250	1350	76	82	10-155	8	40
N-Nitroso-di-n-propylamine	ug/kg	ND	1640	1650	1230	1320	75	80	10-139	7	40
N-Nitrosodiphenylamine	ug/kg	ND	1640	1650	1250	1380	76	83	10-183	10	40
Naphthalene	ug/kg	ND	1640	1650	1220	1330	74	81	10-263	9	40
Nitrobenzene	ug/kg	ND	1640	1650	1160	1140	71	69	10-159	1	40
Pentachlorophenol	ug/kg	ND	1640	1650	977	1200	60	73	10-146	20	40
Phenanthrene	ug/kg	ND	1640	1650	1230	1330	75	80	10-148	7	40
Phenol	ug/kg	ND	1640	1650	1220	1350	75	82	10-143	10	40

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**QUALITY CONTROL DATA**

Project: 20-0008  
Pace Project No.: 20162810

Parameter	Units	893521		893522		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
		20162762043 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Pyrene	ug/kg	ND	1640	1650	1230	1330	75	80	10-151	8	40		
2,4,6-Tribromophenol (S)	%.						81	91	10-138				
2-Fluorobiphenyl (S)	%.						75	84	10-129				
2-Fluorophenol (S)	%.						74	83	10-129				
Nitrobenzene-d5 (S)	%.						69	69	10-144				
Phenol-d6 (S)	%.						72	80	10-128				
Terphenyl-d14 (S)	%.						84	94	10-145				

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

QC Batch: 193034	Analysis Method: EPA 8270
QC Batch Method: EPA 3510	Analysis Description: 8270 Water MSSV
	Laboratory: Pace Analytical Services - New Orleans

Associated Lab Samples: 20162810003

METHOD BLANK: 893390 Matrix: Water

Associated Lab Samples: 20162810003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	07/17/20 15:00	
1,2-Dichlorobenzene	ug/L	ND	10.0	07/17/20 15:00	
1,3-Dichlorobenzene	ug/L	ND	10.0	07/17/20 15:00	
1,4-Dichlorobenzene	ug/L	ND	10.0	07/17/20 15:00	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	07/17/20 15:00	
2,4,5-Trichlorophenol	ug/L	ND	10.0	07/17/20 15:00	
2,4,6-Trichlorophenol	ug/L	ND	10.0	07/17/20 15:00	
2,4-Dichlorophenol	ug/L	ND	10.0	07/17/20 15:00	
2,4-Dimethylphenol	ug/L	ND	10.0	07/17/20 15:00	
2,4-Dinitrophenol	ug/L	ND	50.0	07/17/20 15:00	
2,4-Dinitrotoluene	ug/L	ND	10.0	07/17/20 15:00	
2,6-Dinitrotoluene	ug/L	ND	10.0	07/17/20 15:00	
2-Chloronaphthalene	ug/L	ND	10.0	07/17/20 15:00	
2-Chlorophenol	ug/L	ND	10.0	07/17/20 15:00	
2-Methylnaphthalene	ug/L	ND	10.0	07/17/20 15:00	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	07/17/20 15:00	
2-Nitroaniline	ug/L	ND	10.0	07/17/20 15:00	
2-Nitrophenol	ug/L	ND	10.0	07/17/20 15:00	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	07/17/20 15:00	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	07/17/20 15:00	
3-Nitroaniline	ug/L	ND	10.0	07/17/20 15:00	
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	07/17/20 15:00	
4-Bromophenylphenyl ether	ug/L	ND	10.0	07/17/20 15:00	
4-Chloro-3-methylphenol	ug/L	ND	10.0	07/17/20 15:00	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	07/17/20 15:00	
4-Nitroaniline	ug/L	ND	10.0	07/17/20 15:00	
4-Nitrophenol	ug/L	ND	40.0	07/17/20 15:00	
Acenaphthene	ug/L	ND	10.0	07/17/20 15:00	
Acenaphthylene	ug/L	ND	10.0	07/17/20 15:00	
Anthracene	ug/L	ND	10.0	07/17/20 15:00	
Benzo(a)anthracene	ug/L	ND	10.0	07/17/20 15:00	
Benzo(a)pyrene	ug/L	ND	10.0	07/17/20 15:00	
Benzo(b)fluoranthene	ug/L	ND	10.0	07/17/20 15:00	
Benzo(g,h,i)perylene	ug/L	ND	10.0	07/17/20 15:00	
Benzo(k)fluoranthene	ug/L	ND	10.0	07/17/20 15:00	
Benzoic acid	ug/L	ND	50.0	07/17/20 15:00	
Benzyl alcohol	ug/L	ND	10.0	07/17/20 15:00	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	07/17/20 15:00	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	07/17/20 15:00	
bis(2-Ethylhexyl)phthalate	ug/L	ND	10.0	07/17/20 15:00	

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

METHOD BLANK: 893390 Matrix: Water  
Associated Lab Samples: 20162810003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/L	ND	10.0	07/17/20 15:00	
Carbazole	ug/L	ND	10.0	07/17/20 15:00	
Chrysene	ug/L	ND	10.0	07/17/20 15:00	
Di-n-butylphthalate	ug/L	ND	10.0	07/17/20 15:00	
Di-n-octylphthalate	ug/L	ND	10.0	07/17/20 15:00	
Dibenz(a,h)anthracene	ug/L	ND	10.0	07/17/20 15:00	
Dibenzofuran	ug/L	ND	10.0	07/17/20 15:00	
Diethylphthalate	ug/L	ND	10.0	07/17/20 15:00	
Dimethylphthalate	ug/L	ND	10.0	07/17/20 15:00	
Fluoranthene	ug/L	ND	10.0	07/17/20 15:00	
Fluorene	ug/L	ND	10.0	07/17/20 15:00	
Hexachloro-1,3-butadiene	ug/L	ND	20.0	07/17/20 15:00	
Hexachlorobenzene	ug/L	ND	10.0	07/17/20 15:00	
Hexachlorocyclopentadiene	ug/L	ND	40.0	07/17/20 15:00	
Hexachloroethane	ug/L	ND	10.0	07/17/20 15:00	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	07/17/20 15:00	
Isophorone	ug/L	ND	10.0	07/17/20 15:00	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	07/17/20 15:00	
N-Nitrosodiphenylamine	ug/L	ND	10.0	07/17/20 15:00	
Naphthalene	ug/L	ND	10.0	07/17/20 15:00	
Nitrobenzene	ug/L	ND	10.0	07/17/20 15:00	
Pentachlorophenol	ug/L	ND	40.0	07/17/20 15:00	
Phenanthrene	ug/L	ND	10.0	07/17/20 15:00	
Phenol	ug/L	ND	10.0	07/17/20 15:00	
Pyrene	ug/L	ND	10.0	07/17/20 15:00	
2,4,6-Tribromophenol (S)	%	80	10-173	07/17/20 15:00	
2-Fluorobiphenyl (S)	%	75	10-146	07/17/20 15:00	
2-Fluorophenol (S)	%	48	10-110	07/17/20 15:00	
Nitrobenzene-d5 (S)	%	79	10-161	07/17/20 15:00	
Phenol-d6 (S)	%	30	10-100	07/17/20 15:00	
Terphenyl-d14 (S)	%	49	10-174	07/17/20 15:00	

LABORATORY CONTROL SAMPLE: 893391

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	100	54.6	55	33-110	
1,2-Dichlorobenzene	ug/L	100	54.3	54	34-110	
1,3-Dichlorobenzene	ug/L	100	52.5	53	32-109	
1,4-Dichlorobenzene	ug/L	100	53.2	53	32-108	
2,2'-Oxybis(1-chloropropane)	ug/L	100	70.5	70	30-123	
2,4,5-Trichlorophenol	ug/L	100	78.3	78	26-125	
2,4,6-Trichlorophenol	ug/L	100	78.1	78	22-134	
2,4-Dichlorophenol	ug/L	100	72.7	73	31-120	
2,4-Dimethylphenol	ug/L	100	69.9	70	30-116	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

LABORATORY CONTROL SAMPLE: 893391

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrophenol	ug/L	100	74.5	74	10-127	
2,4-Dinitrotoluene	ug/L	100	82.6	83	44-130	
2,6-Dinitrotoluene	ug/L	100	81.3	81	46-125	
2-Chloronaphthalene	ug/L	100	64.4	64	41-116	
2-Chlorophenol	ug/L	100	67.2	67	25-120	
2-Methylnaphthalene	ug/L	100	59.3	59	39-111	
2-Methylphenol(o-Cresol)	ug/L	100	58.9	59	33-111	
2-Nitroaniline	ug/L	100	75.1	75	37-130	
2-Nitrophenol	ug/L	100	78.5	79	27-128	
3&4-Methylphenol(m&p Cresol)	ug/L	100	53.2	53	29-108	
3,3'-Dichlorobenzidine	ug/L	100	68.3	68	23-148	
3-Nitroaniline	ug/L	100	24.8	25	10-134	
4,6-Dinitro-2-methylphenol	ug/L	100	92.8	93	13-143	
4-Bromophenylphenyl ether	ug/L	100	76.7	77	44-123	
4-Chloro-3-methylphenol	ug/L	100	70.9	71	37-118	
4-Chlorophenylphenyl ether	ug/L	100	74.8	75	43-122	
4-Nitroaniline	ug/L	100	64.3	64	30-132	
4-Nitrophenol	ug/L	100	31.3J	31	10-121	
Acenaphthene	ug/L	100	68.5	68	41-120	
Acenaphthylene	ug/L	100	68.8	69	39-120	
Anthracene	ug/L	100	75.4	75	44-130	
Benzo(a)anthracene	ug/L	100	77.7	78	46-121	
Benzo(a)pyrene	ug/L	100	78.5	79	44-135	
Benzo(b)fluoranthene	ug/L	100	75.1	75	42-131	
Benzo(g,h,i)perylene	ug/L	100	88.8	89	35-136	
Benzo(k)fluoranthene	ug/L	100	78.4	78	43-128	
Benzoic acid	ug/L	100	ND	8	10-125 L2	
Benzyl alcohol	ug/L	100	40.6	41	22-113	
bis(2-Chloroethoxy)methane	ug/L	100	72.4	72	44-113	
bis(2-Chloroethyl) ether	ug/L	100	58.8	59	41-112	
bis(2-Ethylhexyl)phthalate	ug/L	100	77.0	77	41-122	
Butylbenzylphthalate	ug/L	100	80.8	81	43-125	
Carbazole	ug/L	100	77.3	77	45-131	
Chrysene	ug/L	100	76.8	77	46-120	
Di-n-butylphthalate	ug/L	100	77.6	78	44-122	
Di-n-octylphthalate	ug/L	100	79.3	79	37-130	
Dibenz(a,h)anthracene	ug/L	100	83.4	83	10-168	
Dibenzofuran	ug/L	100	71.0	71	43-118	
Diethylphthalate	ug/L	100	77.6	78	44-123	
Dimethylphthalate	ug/L	100	78.2	78	42-123	
Fluoranthene	ug/L	100	77.1	77	46-124	
Fluorene	ug/L	100	69.4	69	44-121	
Hexachloro-1,3-butadiene	ug/L	100	51.4	51	29-116	
Hexachlorobenzene	ug/L	100	78.4	78	47-122	
Hexachlorocyclopentadiene	ug/L	100	58.6	59	10-91	
Hexachloroethane	ug/L	100	50.2	50	28-112	
Indeno(1,2,3-cd)pyrene	ug/L	100	83.9	84	37-136	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 20-0008  
Pace Project No.: 20162810

LABORATORY CONTROL SAMPLE: 893391

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isophorone	ug/L	100	74.9	75	32-127	
N-Nitroso-di-n-propylamine	ug/L	100	73.2	73	41-117	
N-Nitrosodiphenylamine	ug/L	100	75.8	76	52-144	
Naphthalene	ug/L	100	58.8	59	34-110	
Nitrobenzene	ug/L	100	72.6	73	42-117	
Pentachlorophenol	ug/L	100	76.5	77	10-133	
Phenanthrene	ug/L	100	74.4	74	46-118	
Phenol	ug/L	100	26.5	27	10-103	
Pyrene	ug/L	100	77.7	78	40-125	
2,4,6-Tribromophenol (S)	%			83	10-173	
2-Fluorobiphenyl (S)	%			72	10-146	
2-Fluorophenol (S)	%			41	10-110	
Nitrobenzene-d5 (S)	%			75	10-161	
Phenol-d6 (S)	%			25	10-100	
Terphenyl-d14 (S)	%			44	10-174	

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 20-0008  
Pace Project No.: 20162810

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.  
ND - Not Detected at or above adjusted reporting limit.  
TNTC - Too Numerous To Count  
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.  
MDL - Adjusted Method Detection Limit.  
PQL - Practical Quantitation Limit.  
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.  
S - Surrogate  
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.  
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.  
LCS(D) - Laboratory Control Sample (Duplicate)  
MS(D) - Matrix Spike (Duplicate)  
DUP - Sample Duplicate  
RPD - Relative Percent Difference  
NC - Not Calculable.  
SG - Silica Gel - Clean-Up  
U - Indicates the compound was analyzed for, but not detected.  
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.  
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.  
TNI - The Nelac Institute

### BATCH QUALIFIERS

Batch: 193012  
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.  
Batch: 193118  
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.  
Batch: 193160  
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

### ANALYTE QUALIFIERS

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.  
M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.  
R1 RPD value was outside control limits.  
S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 20-0008  
Pace Project No.: 20162810

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20162810006	S-1	EPA 3546	193022	EPA 8015B Modified	193125
20162810007	DUP-1	EPA 3546	193022	EPA 8015B Modified	193125
20162810008	S-2	EPA 3546	193022	EPA 8015B Modified	193125
20162810009	S-3	EPA 3546	193022	EPA 8015B Modified	193125
20162810010	S-4	EPA 3546	193022	EPA 8015B Modified	193125
20162810011	S-5	EPA 3546	193022	EPA 8015B Modified	193125
20162810012	S-6	EPA 3546	193022	EPA 8015B Modified	193125
20162810014	UIC	EPA 3546	193022	EPA 8015B Modified	193125
20162810003	EB-1	EPA 3535	193028	EPA 8015B Modified	193160
20162810006	S-1	EPA 5035A/5030B	192988	EPA 8015/8021	193004
20162810007	DUP-1	EPA 5035A/5030B	192988	EPA 8015/8021	193004
20162810008	S-2	EPA 5035A/5030B	192988	EPA 8015/8021	193004
20162810009	S-3	EPA 5035A/5030B	192988	EPA 8015/8021	193004
20162810010	S-4	EPA 5035A/5030B	192988	EPA 8015/8021	193004
20162810011	S-5	EPA 5035A/5030B	192988	EPA 8015/8021	193004
20162810012	S-6	EPA 5035A/5030B	192988	EPA 8015/8021	193004
20162810014	UIC	EPA 5035A/5030B	192988	EPA 8015/8021	193004
20162810001	FB-1	EPA 8015/8021	193012		
20162810002	FB-2	EPA 8015/8021	193012		
20162810003	EB-1	EPA 8015/8021	193012		
20162810004	TB-1	EPA 8015/8021	193012		
20162810005	TB-2	EPA 8015/8021	193012		
20162810006	S-1	EPA 3050	193406	EPA 6010	193493
20162810007	DUP-1	EPA 3050	193406	EPA 6010	193493
20162810008	S-2	EPA 3050	193406	EPA 6010	193493
20162810009	S-3	EPA 3050	193406	EPA 6010	193493
20162810010	S-4	EPA 3050	193406	EPA 6010	193493
20162810011	S-5	EPA 3050	193406	EPA 6010	193493
20162810012	S-6	EPA 3050	193406	EPA 6010	193493
20162810013	BKG	EPA 3050	193406	EPA 6010	193493
20162810014	UIC	EPA 3050	193406	EPA 6010	193493
20162810003	EB-1	EPA 3010	193416	EPA 6010	193495
20162810003	EB-1	EPA 7470	193032	EPA 7470	193054
20162810006	S-1	EPA 7471	193617	EPA 7471	193719
20162810007	DUP-1	EPA 7471	193617	EPA 7471	193719
20162810008	S-2	EPA 7471	193617	EPA 7471	193719
20162810009	S-3	EPA 7471	193617	EPA 7471	193719
20162810010	S-4	EPA 7471	193617	EPA 7471	193719
20162810011	S-5	EPA 7471	193617	EPA 7471	193719
20162810012	S-6	EPA 7471	193617	EPA 7471	193719
20162810013	BKG	EPA 7471	193617	EPA 7471	193719
20162810014	UIC	EPA 7471	193617	EPA 7471	193719
20162810006	S-1	EPA 3546	193023	EPA 8270	193332
20162810007	DUP-1	EPA 3546	193023	EPA 8270	193332
20162810008	S-2	EPA 3546	193023	EPA 8270	193332

**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 20-0008  
Pace Project No.: 20162810

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20162810009	S-3	EPA 3546	193023	EPA 8270	193332
20162810010	S-4	EPA 3546	193023	EPA 8270	193332
20162810011	S-5	EPA 3546	193023	EPA 8270	193332
20162810012	S-6	EPA 3546	193023	EPA 8270	193332
20162810014	UIC	EPA 3546	193023	EPA 8270	193332
20162810003	EB-1	EPA 3510	193034	EPA 8270	193118
20162810006	S-1	EPA 5035/5030B	193129	EPA 8260	193133
20162810007	DUP-1	EPA 5035/5030B	193129	EPA 8260	193133
20162810008	S-2	EPA 5035/5030B	193774	EPA 8260	193858
20162810009	S-3	EPA 5035/5030B	193129	EPA 8260	193133
20162810010	S-4	EPA 5035/5030B	193129	EPA 8260	193133
20162810011	S-5	EPA 5035/5030B	193129	EPA 8260	193133
20162810012	S-6	EPA 5035/5030B	193129	EPA 8260	193133
20162810014	UIC	EPA 5035/5030B	193129	EPA 8260	193133
20162810001	FB-1	EPA 5030B/8260	193309		
20162810002	FB-2	EPA 5030B/8260	193309		
20162810003	EB-1	EPA 5030B/8260	193309		
20162810004	TB-1	EPA 5030B/8260	193309		
20162810005	TB-2	EPA 5030B/8260	193309		

**REPORT OF LABORATORY ANALYSIS**

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WUH - 20102810  
20162810

List Page Worker Number of Here  
20162810  
LAB USE ONLY 5992  
98 10 99 98

Company: **LES**  
Address: **9060x 5189**  
Report To: **Luis Lelom**  
Email To: **Luis Lelom**  
Copy To: \_\_\_\_\_  
Billing Information: **LES**

Customer Project Name/Number: **20-0008**  
State: **PR** County/City: **UTUADO** Time Zone Collected: **ET**

Phone: \_\_\_\_\_  
Email: \_\_\_\_\_  
Site/Facility ID #: \_\_\_\_\_  
Compliance Monitoring?  Yes  No

Collected By (print): **Luis Lelom**  
Quote #: \_\_\_\_\_  
Purchase Order #: \_\_\_\_\_  
DW PWS ID #: \_\_\_\_\_  
DW Location Code: \_\_\_\_\_  
Immediately Packed on Ice:  Yes  No

Collected By (signature): \_\_\_\_\_  
Turnaround Date Required: **NORMAL**  
Field Filtered (if applicable):  Yes  No

Sample Disposal: \_\_\_\_\_  
Rush:  Same Day  Next Day  
 1 2 Day  3 Day  4 Day  5 Day  
Analysis: \_\_\_\_\_

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OI), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected for Composite Start		Composite End		Res Cl	# of Chns
			Date	Time	Date	Time		
FB-1	W	G	7/15	9:00			4	X
FB-2	W	G	7/15	9:00			4	X
FB-1	W	G	7/15	7:10			9	X
FB-1	W	G	7/15	6:30			4	X
FB-2	W	G	7/15	6:31			4	X
S-1	SL	G	7/15	7:32			3	X
DOB-1	SL	G	7/15	7:32			3	X
S-2	SL	G	7/15	7:42			3	X
S-3	SL	G	7/15	7:59			3	X
S-4	SL	G	7/15	8:11			3	X

Customer Remarks: **Special Conditions / Possible Hazards: Temp @ PR Sealed 2/7**

Type of Ice Used: \_\_\_\_\_ Wet \_\_\_\_\_ Blue \_\_\_\_\_ Dry \_\_\_\_\_ None \_\_\_\_\_  
Packaging Material Used: \_\_\_\_\_

Radchem sample(s) screened (<500 spm):  N  NA

Relinquished by/Company (Signature): \_\_\_\_\_ Date/Time: **7/15/2020 10:50**  
Relinquished by/Company (Signature): \_\_\_\_\_ Date/Time: **7/15/2020 17:00**  
Relinquished by/Company (Signature): \_\_\_\_\_ Date/Time: **7/16/20 8:30**

Container Preservative Type \*\*  
\*\* Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses  
TCG-VOC  
TPH-GRO  
TCG-SVOC  
TPH-DRO/ORG  
Benzene, Pesticides + Metals

Lab Profile/Line: \_\_\_\_\_  
Lab Sample Receipt Checklist:  
Custody Seals Present/Intact: Y N NA  
Custody Signatures Present: Y N NA  
Collector Signature Present: Y N NA  
Bottles Intact: Y N NA  
Correct Bottles: Y N NA  
Sufficient Volume: Y N NA  
Samples Received on Ice: Y N NA  
VOA - Headspace Acceptable: Y N NA  
USDA Regulated Soils: Y N NA  
Samples in Holding Time: Y N NA  
Residual Chlorine Present: Y N NA  
Cl Strips: Y N NA  
Sample pH Acceptable: Y N NA  
pH Strips: Y N NA  
Slide Present: Y N NA  
Lead Acetate Strips: Y N NA  
Lab Use ONLY: \_\_\_\_\_  
Lab Sample # / Comments: \_\_\_\_\_

Lab Tracking #: **2373137**  
SHORT-HOLDS PRESENT (<72 hours): Y N N/A  
Samples received via: \_\_\_\_\_  
FEDEX UPS Client Courier Pace Courier  
Table #: \_\_\_\_\_  
Accum: \_\_\_\_\_  
Template: \_\_\_\_\_  
Prelogn: \_\_\_\_\_  
PM: \_\_\_\_\_  
PB: \_\_\_\_\_

Lab Sample Temperature Info:  
Temp Blank Received: Y N NA  
Therm ID#: **10**  
Cooler 1 Temp Upon Receipt: **2.1** C  
Cooler 1 Therm Corr. Factor: \_\_\_\_\_ C  
Cooler 1 Corrected Temp: \_\_\_\_\_ C  
Comments: \_\_\_\_\_

Temp Blank Received: Y N NA  
HCL MeOH TSP Other: \_\_\_\_\_  
Non-Conformance(s): \_\_\_\_\_  
Page: \_\_\_\_\_ of: \_\_\_\_\_

Company: CES  
 Billing Information: CES  
 Address: RR Box 5189  
 Email To: Luis Colon  
 Report To: Luis Colon  
 Site Collection Info/Address: [Blank]

Customer Project Name/Number: 20-0008  
 State: PR / County/City: UTUADO  
 Time Zone Collected: CT  
 Phone: [Blank]  
 Site/Facility ID #: [Blank]  
 Compliance Monitoring? [ ] Yes [ ] No  
 DW PWS ID #: [Blank]  
 DW Location Code: [Blank]

Collected By (Signature): Luis Colon  
 Turnaround Date Required: KURMAL  
 Sample Disposal: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day  
 Dispose as appropriate [ ] Return [ ] Archive [ ] Hold  
 Analysis: [ ] Yes [ ] No

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Cns
			Date	Time	Date	Time		
S-5	SL	G	2/15	8:37			3	
S-6	SL	G	2/15	8:41			3	
PK6	SL	G	2/15	8:59			3	
UIC	SL	G	2/15	9:05			3	

Container Preservative Type \*\*

ALL SHADED AREAS are for LAB USE ONLY

Analyses: TLL-VOC, TPH-GRO, TCC-SVOCs, TPH-DRO/ORO, Priority Pollutant Metals

Lab Profile/Line: [Blank]  
 Lab Sample Receipt Checklist: [Blank]

Lab Tracking #	SHOUL HOLD PRESENT (<22 hours)	Y	N	N/A
2373138				

Customer Signature: [Blank]  
 Date/Time: [Blank]  
 Relinquished by/Company (Signature): [Blank]  
 Date/Time: [Blank]

Lab Sample Temperature Info:  
 Temp Blank Received: Y N NA  
 Therm ID#: [Blank]  
 Cooler 1 Temp Upon Receipt: [Blank] °C  
 Cooler 1 Therm Corr. Factor: [Blank] °C  
 Cooler 1 Corrected Temp: [Blank] °C

Tip Blank Received: Y N NA  
 HCL MeOH TSP Other

Non Conformance(s): YES / NO



1000 Riverbend Blvd., Suite F  
St. Rose, LA 70087

### Sample Condition Upon Receipt

# WU#: 20162810

PM: JAR1

Due Date: 07/29/20

CLIENT: 99-CES

Project:

Courier:  Pace Courier  Hired Courier  Fed X  UPS  DHL  USPS  Customer  Other

Custody Seal on Cooler/Box Present: [see COC]

Custody Seals intact:  Yes  No

Thermometer Used:  Therm Fisher IR 7  
 Therm Fisher IR 10

Type of Ice: Wet Blue None

Samples on ice: [see COC]

Cooler Temperature: [see COC]

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 7/16/20 AJ

Temp must be measured from Temperature blank when present

Comments:

Temperature Blank Present?"	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	1	
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2	
Chain of Custody Complete:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3	
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4	
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5	
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6	
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7	
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8	
Filtered vol. Rec. for Diss. tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	9	
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10	
All containers received within manufacture's precautionary and/or expiration dates.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11	
All containers needing chemical preservation have been checked (except VOA, coliform, & O&G).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12	
All containers preservation checked found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13	If No, was preservative added? <input type="checkbox"/> Yes <input type="checkbox"/> No If added record lot no.: HNO3 _____ H2SO4 _____
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14	
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	15	

Client Notification/ Resolution:

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

*Phase I Environmental Site Assessment Report  
Former Mechanical Shop  
PR-10 (Utuaado - Adjuntas)  
Project – AC-100069  
Guaónico Ward  
Utuaado, Puerto Rico  
CES Project No. 20-0008*

**PRIVILEGED AND CONFIDENTIAL**

## **APPENDIX 8**

### **RESUMES OF ENVIRONMENTAL PROFESSIONALS**

**RESUME OF  
RAÚL COLÓN VICENTY  
*PRINCIPAL ENGINEER***

**EDUCATION**

University of Puerto Rico  
Mayaguez Campus - B. S., Civil Engineering, 1975  
Mayaguez Campus - M. S., Civil Engineering, 1977

**PROFESSIONAL AFFILIATIONS**

College of Engineers and Surveyors of Puerto Rico  
American Institute of Hydrology  
American Society of Civil Engineers  
Environmental Assessment Association  
National Groundwater Association

**PROFESSIONAL REGISTRATIONS/CERTIFICATIONS**

Professional Engineer in Puerto Rico, License 8119  
Professional Hydrologist, AIH, Certification No. 674  
Certified Environmental Specialist, Environmental Assessment Association, Certification No. 13969  
Certified Environmental Consultant, Environmental Assessment Association, Certification No. 13969

**CAREER SUMMARY**

Mr. Colón has more than 40 years of experience in Water Resources and Environmental Engineering. Mr. Colon is a registered Engineer with the College of Engineers and Surveyors of Puerto Rico and a certified Professional Hydrologist with the American Institute of Hydrology. Mr. Colón has been involved in a variety of water resources and environmental projects including surface and ground water hydrologic investigations as well as soil and groundwater contamination assessments and remediation projects. Mr. Colón has also conducted several groundwater/soil pollution investigations associated with hydrocarbon products and Dense Non-Aqueous Phase Liquids (DNAPLs). He has conducted dam safety investigations, bridge scouring evaluations, sediment transport studies, real time flood forecasting projects in Puerto Rico and the United States, due diligence site evaluations, environmental site assessments, environmental compliance audits, environmental permitting projects and hazardous waste characterizations. Mr. Colón is very familiar with the Federal Emergency Management (FEMA) Flood Insurance Program, since its beginnings in the late 1970's. He has conducted several Flood Insurance Studies in Puerto Rico and the United States. These studies included the hydrologic and hydraulic evaluations as well as the preparation of the based maps used by FEMA for the development of the flood maps and flood insurance rate maps published in the Flood Insurance Studies. Eng. Colón has participated in several expert witness cases and has been named as the Court Special Commissioner in three court cases in the Mayaguez, Carolina and Aguadilla Courts.

## **CONTINUING EDUCATION SEMINARS**

“Planes de Control Temporero de Tráfico para Carreteras”, UPR Mayaguez Centro de Transferencia de Tecnología en Transportación, August 1-2, 2018

“ASTM 1527-13 Standard for Environmental Site Assessments for Commercial Real Estate”, ASTM Technical Training and E- Learning, October 7-8, 2014

“EPA’s 2012 Construction General Permit (CGP)”, US EPA Stormwater Program’s Webcast Series, March 15, 2012

“Two Experts Share Intell on Vapor Intrusion in the Real World”, Environmental Data Resources, Inc., February 7, 2012

“The Remediation Course, 38 hour continuing education course”, Princeton Groundwater, Inc., October 24-28, 2011

“Debida Diligencia Ambiental y Efectos en la Compraventa y Ocupación de Propiedades en Puerto Rico”, CIAPR and AIDIS, August 11, 2011

“Nuevo Sistema de Permisos: Reglamento Conjunto de Permisos para Obras de Construcción y Usos de Terrenos”, CIAPR, March 18, 2011.

“Cambios Recientes a Leyes y Reglamentos Ambientales y Propuestas Inmediatas de Energia Verde”, CIAPR and AIDIS, October 29, 2009.

“Plan para Agilizar los Permisos en Puerto Rico”, CIAPR and AIDIS, June 25, 2009.

2008 Final NPDES General Permit for Storm Water Discharges from Industrial Activities, CIAPR and AIDIS, November 20, 2008.

Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions, ASTM International, April 29, 2008

HEC-RAS for Unsteady Flow Applications, American Society of Civil Engineers, Atlanta, GA, September 12-14, 2007.

Streambank Stabilization for Restoration and Flood Control Projects, July 25-27, 2007, American Society of Civil Engineers, Charlotte North Carolina.

“Implantación del Nuevo Permiso General Consolidado de la Junta de Calidad Ambiental de Puerto Rico”, College of Engineers and Surveyors of Puerto Rico, San Juan, Puerto Rico, April 30, 2007.

Fundamentals of Spray Polyurethane Foam and Covering Systems for the Independent Inspector, Spray Polyurethane Foam Alliance, Tampa, Florida, February 22, 2007.



Environmental Site Assessments for Commercial Real Estate, ASTM Standard E-1527-05 and EPA All Appropriate Inquiry Rule, ASTM Training Course, Orlando, Florida, April 25-26, 2006.

Storm Water Management and Site Solution Workshop, College of Engineers and Surveyors of Puerto Rico, San Juan, Puerto Rico, April 6, 2006.

Design and Implementation of Effective Soil Gas Monitoring and Sampling Programs, The Nielsen Environmental Field School, Columbus, Ohio, November 29, 2005.

“Como queda el Ambiente con la Nueva Ley Núm. 416 sobre Política Pública Ambiental”, Collage of Engineers and Surveyors of Puerto Rico, San Juan, Puerto Rico, April 28, 2005.

Hydrologic Modeling Using HEC-HMS Computer Model, American Society of Civil Engineers, San Diego, California, February 24-25, 2005

Micropurge Low-Flow Purging and Groundwater Sampling, The Nielsen Environmental Field School, Tampa Florida, March 12, 2004

Risk-Based Corrective Action at Petroleum Release Sites, ASTM Standard E1739, Sponsored by the ASTM, Lansing, Michigan, May 13-14, 2003.

Hydrogeology of Fracture Rock: Characterization, Monitoring, Assessment and Remediation, Niagara Falls, NY, December 2-5, 2002.

“Reglamentación Actual para el Tratamiento de las Aguas de Escorrentías”, College of Engineers and Surveyors of Puerto Rico, San Juan, Puerto Rico, November 26, 2002.

National Pollutant Discharge Elimination System – Storm Water Regulations and NPDES Permit Seminar, Sponsored by the Environmental Protection Agency (EPA), San Juan, Puerto Rico, November 8, 2002.

Improving Hydrogeologic Analysis of Fracture Bedrock Systems, 2002 Workshop, University of Massachusetts (UMASS), Amherst, Massachusetts, June 18 and 19, 2002.

Highway Traffic Noise Workshop, Sponsored by The Federal Highway Administration and the P.R. Highway and Transportation Authority, San Juan Puerto Rico, June 12-14, 2001

EPA Storm Water Management Model (SWMM) Training Course, Sponsored by Camp Dresser & McKee, Edison New Jersey, May 3-5, 2001

“Seminario sobre Nuevo Permiso Federal para Descargas de Aguas de Escorrentia y Desarrollos Recientes en Reglamentación Ambiental”, AIDIS/CIAPR, San Juan, Puerto Rico, May 2, 2000.

Phase II Environmental Site Assessment Process - ASTM E 1903 Standard Guide, ASTM Technical & Professional Training, New York, NY, September 14-15, 1999

Environmental Site Characterization, ASTM Technical and Professional Training in the Performance, Use and Application of ASTM Standards, Orlando Florida, August 13-14, 1998

Field Based Site Characterization Technologies - Short Course, U.S. Environmental Protection Agency's Technology Innovation Office, Westborough, MA, March 30, 1998

HEC-RAS for Experienced HEC-2 Users, Center for Research in Water Resources, The University of Texas at Austin, March 23-25, 1998.

EPA Brownfields Workshop, Sponsored by PRIDCO, San Juan, Puerto Rico, January 29, 1998.

Brownfields 97 Conference, Sponsored by the EPA, Kansas City, Mo., September 3-5, 1997.

Sedimentation in Stream Networks Training Seminar Using the HEC-6 Computer Model, by William A. Thomas, Mobile Boundary hydraulics, May 3 - 5, 1995

Fundamentals of Puerto Rico Environmental Law Compliance, Government Institutes Inc., April 1992.

Project Management, Law Environmental, Inc., Kennesaw, Georgia, May 1989.

Liability and Loss Prevention, Law Environmental Inc.; December 1988.

OSHA Health and Safety 40 Hrs. Training and OSHA Refresher Courses on a yearly basis, April 1988.

Mitigation of Hazard Due to Extreme Natural Events in America; University of Puerto Rico - Mayaguez Campus; January 20-22, 1987.

Unsteady Flow Modeling Using DAMBRK and DWOPER Computer Models - University of Texas at Austin; October 6-10, 1986.

Computer Applications in Water Resources; Sponsored by the ASCE; Buffalo, New York; June 1985.

Dam Safety Seminar, Application of DAMBRK and HEC-1 Models in the Analysis of Flood Waves Produced by Dam Failure; Sponsored by the Federal Emergency Management Agency (FEMA); Atlanta, Georgia; May 1984.

Project Management for Architectural and Engineering Firms; Sponsored by the Institute of Chemical Engineers, College of Engineers and Surveyors of P. R. - April 1981.

Pumps and Piping Systems; Design and Maintenance, Sponsored by the Institute of Mechanical Engineers, College of Engineers and Surveyors of P.R.; March 1981

Flood Plain Hydraulics by Application of HEC-2 Model; University of Texas at Austin; April 1979.

Small Wastewater Treatment Systems and Sludge Treatment and Disposal; Sponsored by the Environmental Protection Agency (EPA); San Juan, Puerto Rico; February 1978.

## **LIST OF PROFESSIONAL PUBLICATIONS**

Colón R., Wallace J.R., Olson R.W. and Massey K. L., "Flood Forecasting - An Alternate Response for PMF at the Saluda Dam, Proceedings of the American Power Conference, Chicago, Illinois, April 1989.

Editor for the Puerto Rico Water Resources Association Bulletin, 1988.

Raúl Colón and George F. McMahon, "BRASS Model: Application to Savannah River Reservoir System", ASCE - Journal of Water Resources Planning and Management, Vol. 113, No. 2 March 1987.

Raúl Colón; Robert Olson and James R. Wallace; "Increasing Revenues of Existing Hydro Power Reservoirs", A Law Environmental professional publication, September 1987.

Bras, R. L. and Colon R., "Time Average Areal Mean of Precipitation: Estimation and Network Design, Water Resources Research, Volume 14 - No. 5, October 1978.

## **LIST OF TECHNICAL PRESENTATIONS**

Seminario Ambiental (Legal y Técnico) "Debida Diligencia Ambiental y Efectos en la Compraventa y Ocupación de Propiedades en Puerto Rico", CIAPR and AIDIS, August 2011 and July 2012.

Site Assessment Techniques and Technologies for Brownfields, Brownfields Pilot Program, Technical Session, Sponsored by PR Industrial Development Company, February 3, 1999

Flood Forecasting - An Alternate Response for PMF at the Saluda Dam";51th Power Conference, Chicago, Illinois; April 25, 1989.

Dam Safety Studies - A General Overview; Presentation given at the College of Engineers and Surveyors of Puerto Rico; Sponsored by APRA; February 3, 1989

Flood Forecasting- Basic Elements; Presentation given at the Puerto Rico' s Fourth Hurricane Conference; Sponsored by the Department of Natural Resources; Caribe Hilton Hotel; June 15, 1988.

Moderator for the APRA Seminar; "Hazardous Wastes in Puerto Rico: Impact in Water Resources, College of Engineers and Surveyors of Puerto Rico; April 15, 1988.

Bolivia's Rio Mamore and Rio Parapeti: Flood Forecasting and Sedimentation Control Projects presentation given to the Puerto Rico's Speleology Society, March 4, 1988, San Juan, Puerto Rico.

Dynamics of Ground Water Contamination - A typical case study for Puerto Rico, presentation given to the P. R. Industrial Development Company as part of a Real Estate Transactions Seminar, February 1988.

Dynamics and Control of Aquifer Contamination - APRA Symposium June 1987, San Juan, Puerto Rico.

Brass Model Applications - presentation given as part of the Seminar: Unsteady Flow Modeling Using DAMBRK and DWOPER Computer Models, October 6-10, 1986, Austin, Texas.

Basin Runoff and Stream flow Simulation Model Workshop; presentation given to the Army Corps of Engineers Savannah District, October 16, 1984, Savannah, Georgia.

## **LIST OF PROJECTS**

The following list shows a representative sample of Mr. Colón's professional work experience throughout his professional career.

## **EXPERT WITNESS PROJECTS**

- Expert Witness consultation - Papelera Puertorriqueña Superfund Site, Utuado Puerto Rico, on going.
- Expert Witness consultation – San German Superfund Site, San German Puerto Rico, on going.
- Expert Witness consultation – Cabo Rojo Superfund Site, Cabo Rojo Puerto Rico, on going.
- Expert Witness consultation – Cidra Superfund Site, Cidra Puerto Rico, 2015.
- Expert Witness - CIVIL CASE NO. 07-CIV-10470 MTBE PRODUCTS LIABILITY LITIGATION COMMONWEALTH OF PUERTO RICO, ET.AL V. SHELL OIL CO., ET.AL – on going
- Expert Witness – Court Special Commissioner Aguadilla Court– Anel Guzman Urbina V. Victor Bellaflores Hernandez, Aguadilla – July 2012
- Expert Witness – Court Special Commissioner Carolina Court - Blasina Lagoon Contamination, Municipio de Carolina V. Autoridad de Acueductos y Alcantarillados, Carolina – June 2010.
- Expert Witness – Court Special Commissioner Mayaguez Court – PCB Horizon Hazardous Wastes Site, San German Puerto Rico, PRIDCO v. PCB Horizon, July 2008.

- Expert Consultation Groundwater Contamination with Dense Non-Aqueous Phase Liquids (DNAPLs), Puerto Rico Industrial Development Company GE Palmer, Rio Grande, Puerto Rico, 2010.
- Expert Witness – MAPFRE PRAICO Insurance Company V. Sucesion de Jesus Guzman, et. al., Bayamon (McV/Shell/Sol).
- Expert Witness - Supermercados Econo Facundo V. Esso, Site Contamination Assessment in Carolina, 2007.
- Expert Witness Court Case - Loco Dam 1987 Flood Impact on Agricultural Properties Downstream, Guanica, Puerto Rico, March 2007.
- Expert Witness – Eloina Colon v Shell Company Puerto Rico, Mayaguez, January 2007.
- Expert Witness Court Case - Palmas Doradas Developers V. Treasury Point, Dorado, Groundwater Impact by Sanitary Waste Waters, October 2006.
- Expert Witness Court Case – Rio Guamani Guayama Flood, Villa Monte Río y la Academia Regional Adventista del Sur V. Municipio de Guayama, Guayama, June 2006.
- Expert Witness Court Case - Isla del Rio Corco Tallaboa site, Peñuelas, Puerto Rico, December 2005.
- Expert Witness - Hydrologic and Hydraulic Study, Undeveloped lot, Proposed Toyota Facility, Cataño, Puerto Rico, November 2004.
- Expert Witness Court Case - Iglesia Defensores de la Fe, Bayamón Puerto Rico, Surface Hydrology/Hydraulics, October 2004.
- Expert Witness – Felix Albert hydrologic/hydraulic impacts of construction activities adjacent to his residence, Guaynabo, Puerto Rico, November 2003.
- Expert Witness, WORA TV Hacienda Igualdad, Guanica, Puerto Rico, March 2003
- Expert Witness - Alta Vista Development Court Case V. Orchid Paradise, Mayaguez, Surface Hydrology/Hydraulics, March 2003.
- Expert Witness - Hydrogeologic Impacts of Proposed Regional Landfill in Salinas, Puerto Rico, 2002.

## **HYDROLOGY AND HYDRAULICS**

### *Surface Hydrology/Hydraulics*

- Hydrologic/Hydraulic Study for the Bacardi facility, Guaynabo, Puerto Rico, On-going
- Hydrologic/Hydraulic Study for the AES Guayama facility, Guayama, Puerto Rico, On-going
- Hydrologic/Hydraulic Study for the proposed One Planet Solar Farm, Vega Baja, UNIPRO, 2015.
- Hydrologic/Hydraulic Study for the Alternate Temporary Channel/Rio La Plata Flood Control Project, Dorado, Puerto Rico, Construcciones Jose Carro, S.E., October 2011
- Hydrologic/Hydraulic Study for the Turabo River, Caguas, Puerto Rico, as requested by the Puerto Rico Highway and Transportation Authority, September 2012.
- Hydrologic/Hydraulic Study for the AD Bayamon site owned by Mendez & Co., Bayamon, Puerto Rico, 2008.
- Hydrologic/Hydraulic Study for a proposed Mixed-Uses Development Complex, LAIF LLC, Guaynabo, Puerto Rico, 2009

- Hydrologic/Hydraulic Study for a proposed Universal Insurance facility as requested by Sierra Cardona Ferrer, Hatillo, Puerto Rico, 2007.
- Hydrologic/Hydraulic Study, Villa Franca Residential Development, Palmas del Mar, Humacao, Puerto Rico, 2007.
- Hydrologic/Hydraulic Study and Sinkholes Hydraulic Evaluation, Las Americas Technology Industrial Park, Moca, Puerto Rico, January 2007.
- Hydrologic/Hydraulic Study for a Camaseyes parcel of land, Aguadilla, Puerto Rico, 2007.
- Hydrologic/Hydraulic Study for La Vereda Residential Development, Chupacallos Ward, Ceiba, Puerto Rico, 2007.
- Hydrologic/Hydraulic Study for the proposed Redemptorists Fathers Notre Dame School, Caguas, Puerto Rico, 2007.
- Hydrologic and Hydraulic Study for the Degetau Avenue to the Turabo River and FEMA Conditional Letter of Map Revision Request, Caguas, Puerto Rico, June 2005.
- Hydrologic/Hydraulic Study Betteroads Cupey Facility, San Juan, Puerto Rico, April 2006.
- Hydrologic/Hydraulic Study Jardin Central Residential Development, Humacao, Puerto Rico, June 2005.
- Hydrologic/Hydraulic Study La Hacienda Residential Development, Caguas Puerto Rico, October 2004.
- Hydrologic/Hydraulic Study Villa Franca Residential Development, Palmas del Mar, Humacao, Puerto Rico, January 2004.
- Hydrologic and Hydraulic Study for the IPR Pharmaceuticals new facilities, Canovanas, Puerto Rico, July 2004.
- Hydrologic and Hydraulic Study, Ariel Rivera Supermarket, Jayuya, Puerto Rico, June 2002
- Hydrologic and Hydraulic Study, Sun Bay Recreational Complex, Vieques, Puerto Rico, March 2003
- Hydrologic and Hydraulic Study, Villas de Montecielo Residential Development, Guaynabo, Puerto Rico, September 2009.
- Hydrologic and Hydraulic Study, Blasina Estates Residential Development, Carolina, Puerto Rico, October 2001.
- Hydrologic and Hydraulic Study, Aventura Residential Development, Gurabo, Puerto Rico, December 2003
- Sinkhole Hydrologic and Hydraulic Study, School Development, Florida, Puerto Rico, November 1999
- Sinkhole Hydrologic and Hydraulic Study, Residential Development, Barceloneta, Puerto Rico, November 1999
- Sinkhole Hydraulic Capacity Study, School Development, Isabela, Puerto Rico, December 1999
- Hydrologic and Hydraulic Study, School Development, Culebra, Puerto Rico, October 1999
- Hydrologic and Hydraulic Study, Paseo del Prado Residential Development, Barceloneta, Puerto Rico, January 1999
- Hydrologic and Hydraulic Study, Commercial and Residential Complex Development, Bayamon, Puerto Rico, July 1999

- Hydraulic and Bridge Scouring Study, Tren Urbano Bridge Over Bayamón River, January 2005.
- Hydrologic and Hydraulic Study, Tren Urbano Dowels Manufacturing Facility, Bayamón, June 1997
- Unsteady Flow Hydraulic Study, San Juan Emergency Center Complex, Caño Martin Peña, Santurce, Puerto Rico, January 1998
- Hydrologic Study PR-10 Road Sinkholes 2N, 5N, 6 and 7 Utuado, Puerto Rico, December 1996
- Hydraulic and Sediment Transport Study, - PR-151 Bridge Over Jacaguas River, Villalba, Puerto Rico, January 1996
- Hydrologic/Hydraulic Study PR Road 140 Relocation Project - Cancel Creek, Bayamón, Puerto Rico, August 1995
- Unsteady State Flow Modeling - Piñero Avenue Site, Rio Piedras, Puerto Rico, March 1995
- Sinkhole Capacity Evaluation - Proposed Public School Development, Florida, Puerto Rico, September 1994
- Hydrologic/Hydraulic Study - Valle Húcares Residential Development, Juana Diaz, Puerto Rico, July 1994
- Hydrologic Study for Sinkhole Area - Proposed Police Station Development, Florida, Puerto Rico, July 1994
- Hydrologic/Hydraulic Study - Elite Valley Development, Mayaguez, Puerto Rico, March 1993
- Hydrologic/Hydraulic Study - La Matilde Residential Development, Ponce, Puerto Rico, August 1993
- Hydrologic Study Hacienda Lubamex, Manati, Puerto Rico, October 1993
- Hydrologic Study Sinkhole at PR De Diego Expressway, Bayamón, Puerto Rico, December 1993
- Preliminary and Final Design Embankment and Spillway Rehabilitation Project Carite Dam, Puerto Rico Electric Power Authority, Cayey - Guayama, Puerto Rico, April 1989
- Hydrologic/Hydraulic Studies for Drainage System Design - PR Road 9, Ponce, Puerto Rico, August 1992
- Hydrologic/Hydraulic Study - Los Caobos Residential Development, Ponce, Puerto Rico, April 1992
- Wave Height Study - Proposed COGENTRIX C0- Generation Facility, Mayaguez, Puerto Rico, December 1992
- Unsteady Flow Hydraulic Simulation Tivoli Building Complex Development, Hato Rey, Puerto Rico, May 1992
- Real Time Flood Forecasting BRASS Model for the Carraiso Dam, Trujillo Alto, Puerto Rico, March 1991
- Dam Safety Investigation - Carite Dam, Puerto Rico Electric Power Authority, Cayey - Guayama, Puerto Rico, April 1989
- Preliminary and Final Design Melania Dam Rehabilitation Project, Guayama, Puerto Rico; November 1989

- Unsteady State Hydraulic Study for Parque de Loyola Development Hato Rey, Puerto Rico, May 1989
- Unsteady Flow Hydraulic Simulation San Ignacio Building Complex Development, Hato Rey, Puerto Rico, May 1989
- Melania Reservoir Dam Safety Investigation and Dam Rehabilitation Project, Guayama, Puerto Rico; December 1988.
- Unsteady State Flow Simulation Study for the Caguas Central Federal Bank Building Complex, Pueblo Viejo Suburb, Guaynabo, Puerto Rico; June 1988.
- Unsteady State Hydraulic Study for Luis Muñoz Marín Park Phase II- San Juan, Puerto Rico, December 1987.
- Flood Forecasting System Strategy - Rio Mamore Watershed - Bolivia, South America, December 1987.
- Erosion Control Management Plan for the Rio Parapeti Watershed - Bolivia, South America, December 1987.
- Basin Runoff and Streamflow Computer Model Simulation -Clarks Hill Reservoir Drainage Basin, Savannah River, Georgia - South Carolina; September 1984
- Basin Runoff and Streamflow Computer Model Database Development - Hartwell Reservoir Drainage Basin, Savannah River, Georgia - South Carolina - North Carolina; December 1983
- Savannah River Dam Safety Plan, June 1985.
- Flood Frequency Evaluation for the Etowah River Downstream of the Allatoona Dam, Bartow County, Georgia, 1985.
- Flood plain Study for Trobridge Development, Fulton County, Georgia; September 1985.
- Bridge Sizing Study for Turkey Creek - Rivermist Development, Gwinnett County, Georgia, March 1984.
- Hydrologic Study for Overlook at Riverview II - Cobb County, Georgia; June 1983
- Wave Height Study and Dune Enhancement Program for Broadmoor Towers II-Baldwin County, Alabama; June 1984.
- Hydrologic Study for Weatherstone Development - Dekalb County, Georgia; May 1983
- Hydrologic Study for Townsend Place Condominiums Greystone Office Condominiums - Fulton County, Georgia; October 1983.
- Flood Insurance Study - Unincorporated Areas Chatham County, Georgia; Federal Emergency Management Agency; February 1984.
- Hydrologic Study for Martin' s Landing Condominiums - Fulton County, Georgia; May 1983
- Hydrologic Study for Morgan' s Ferry - Fulton County, Georgia; January 1983.
- Wave Heights Study for Perdido Key Beach Condominiums - Baldwin County, Alabama; October 1983.
- Unsteady Flow Modeling Ocmulgee River - Bibb, Jones Counties, Georgia; August 1986.
- Hydrologic Study for Indian Trail Development - Gwinnett County, Georgia; May 1983.
- V-Zone Location and Delineation for Perdido Key Hilton Hotel Site - Baldwin County, Alabama; February 1984.
- Flood Insurance Study - Unincorporated Areas Charleston County, South Carolina; Federal Emergency Management Agency; May 1984.



- Flood Control Study Lawson' s For k Creek - Spartanburg, South Carolina; February 1986
- Hydrologic Study for Long Island Square, Phase II - Fulton County, Georgia; June 1983.
- Flood Plain Study for Boy Scout Lake Apartments - Richmond County, Georgia; March 1984.
- Bridge Sizing Study for Bear Creek, South Fulton Highway - Fulton County, Georgia; May 1986.
- Drainage Study for Beltway 8 - Houston Texas; December 1985.
- Flood Insurance Studies for Eleven Water sheds in Puerto Rico Including Jacaguas, Piedras, Culebrinas, Camuy, Blanco, Daguao, Mameyes, Fajardo, Inabon, and Anton Ruiz Rivers; Federal Emergency Management Agency; 1979 to 1982.

### ***Groundwater Hydrology/Hydrogeology***

- Assessment of Dense Non-Aqueous Phase Liquids (DNAPLs) in Groundwater, Confidential Client, Carolina, Puerto Rico, on-going.
- Assessment of Dense Non-Aqueous Phase Liquids (DNAPLs) in Groundwater, Former Biovail Facility, Carolina, Puerto Rico, 2016.
- Groundwater Sampling, Choice Liberty facilities in various locations in Puerto Rico, 2016.
- Site Characterization of Soil and Groundwater, former Hospital Dr. Pila owned by Metro Pavia, Ponce, Puerto Rico, 2012
- Site Characterization of Soil and Groundwater, Patheon Facility for EDIC College, Caguas, 2011.
- Groundwater Study, IPR Pharmaceuticals, Canovanas, Puerto Rico, December 2010.
- Site Characterization of Soil and Groundwater, Dense Non-Aqueous Phase Liquids (DNAPLs), Confidential Client, Carolina, Puerto Rico, July 2009
- Aquifer Investigation at the former Hanes Facility for the proposed Cervezas del Sur project, Ponce, Puerto Rico, 2009.
- Groundwater and deep well sampling at the IPR Canovanas Facility, Canovanas, Puerto Rico, 2007.
- Groundwater and Clean-up Verification Sampling at the former Shell Yabucoa facility, Yabucoa, Puerto Rico, 2007.
- Hydrogeologic Characterization Assessment, Quality Electroplating Facility, Caguas, Puerto Rico, January 2007.
- Preliminary Hydrogeologic Investigation, Baños de Coamo, Thermal Springs, Coamo, Puerto Rico, January 2005.
- Hydrogeologic Characterization Assessment, Villas del Faro Punta Tuna Beach Resort, Maunabo, Puerto Rico, November 2001
- Hydrogeologic and Groundwater Characterization Assessment - Former Manufactured Gas Plant (MGP) Facility, Miramar, San Juan, Puerto Rico, June 1997.
- Sinkhole Hydraulic Capacity Evaluation - Sinkholes 2N and 5N PR-10 Road, Utuado, Puerto Rico, March 1997.
- Subsurface and Groundwater Contamination Assessment - Air Liquid Facility, Cataño, Puerto Rico, October 1996

- Subsurface and Groundwater Contamination Assessment - General Gases Facility, Bayamón, Puerto Rico, October 1996
- Preliminary Subsurface Site Assessment - Former Fortiflex Manufacturing Facility, Bayamón, Puerto Rico
- Hydrogeologic Assessment and Groundwater Characterization - Former Metal Finishing Facility, Toa Baja, Puerto Rico, June 1996
- Subsurface and Groundwater Contamination Assessment ACERVO Transportation and Maintenance Facility, Hato Rey, Puerto Rico, January 1996
- Dye Tracing Study - PR-10 Five Sinkholes Connection to Los Chorros, Utuado, Puerto Rico, February 1991
- Preliminary Subsurface Assessment at Three Gasoline Service Stations - PR Road No.2 Expansion Project, Arecibo, Puerto Rico, July 1995
- Remedial Action Plan Preparation and Plan Implementation - Diesel Spill Hewlett Packard Facility, Aguadilla, Puerto Rico, August 1995
- Preliminary Hydrogeologic Assessment Former Manufactured Gas Plant Site, Miramar, San Juan, Puerto Rico, July 1994.
- Hydrogeologic and Groundwater Contamination Assessment Leasehold Properties in Ponce and Cataño, Puerto Rico, December 1994
- Evaluation of Potential Aquifer Development - Baxter Healthcare Corp. Carolina Facility, Carolina, Puerto Rico, September 1994
- Groundwater Sampling and Analysis - Rayo Farm Site, Pfizer Pharmaceuticals, Barceloneta, Puerto Rico, July 1994
- Groundwater Resources Availability Evaluation - US Postal Office, Hato Rey Puerto Rico, March 1994
- Remedial Action Plan Preparation and Plan Implementation PCE Remediation Project-Former Pharmaseal Facility, Baxter Healthcare Corp., Toa Alta, Puerto Rico, April 1994
- Subsurface Investigation Underground Storage Tank Area - Palmas del Mar Resort, Humacao, Puerto Rico, September 1994
- Groundwater Production Wells Data Search and Evaluation - Metal Finishing Facility Surroundings, Toa Baja, Puerto Rico, June 1994
- Corrective Action Plan for Hydrocarbon Affected Soils, Former Baxter V. Muller Facility, Sabana Grande, Puerto Rico, October 1991
- Subsurface Investigation and UST Closure - Baxter Healthcare Facility, Maricao, Puerto Rico, June 1992
- Preliminary Hydrogeologic Assessment and Final Hydrogeologic and Groundwater Characterization - Several Navy s Sites, Roosevelt Roads Base, Ceiba, Puerto Rico, April 1992
- Subsurface Investigation and Remedial Action Implementation - Kayser Roth Facility, Arecibo Puerto Rico, November 1990
- Subsurface Characterization and Remedial Action - U.S. Coast Guard Air Station Borinquen, Aguadilla, Puerto Rico, July 1989
- Preliminary Subsurface Assessment Program for the Jesus Ramirez Esso Service Center, June 1989.
- Hydrogeologic Assessment Chevron-Gulf Facility, Caguas, Puerto Rico, April 1987

- Final Hydrogeologic Assessment Chevron Facility No. 54270100, Cayey, Puerto Rico, January 1989
- Hydrogeologic Assessment and Ground Water Monitoring Program, Seven-up Bottling Co. Inc. Minillas Industrial Park, Bayamón Puerto Rico, July 1989
- Remedial Action Plan for Gulf Service Station Facility No. G-121-11, Mayagüez, Puerto Rico, May 1988
- Remedial Action Plan Gulf Service Station Facility No. G-123-11, Hormigueros, Puerto Rico, December 1988
- Analysis of Irrigation Alternatives, La Gorce Gulf Country Club - City of Miami Beach, Florida, June 1982.
- Dyer Boulevard Sanitary Landfill - Hydrogeologic Investigation, Phase III, August 1982.
- Test of Second Artesian and Floridan Aquifers - Engineering Report Prepared for City of Venice, September 1982

## **ENVIRONMENTAL ENGINEERING**

- Phase I Environmental Site Assessments for Commercial/Industrial facilities in Puerto Rico, Pavia Hospital and First Medical facilities, on-going.
- Phase I and Phase II Environmental Site Assessments for various Choice Liberty facilities in Puerto Rico, on-going.
- Phase I Environmental Site Assessments for Commercial/Industrial/Residential Developments in Puerto Rico, CPG Financial, on-going.
- Phase I Environmental Site Assessments for Commercial/Industrial/Residential Developments in Puerto Rico, Oriental Bank, on-going.
- Phase I and Phase II Environmental Site Assessments for Commercial/Industrial/Residential Developments in Puerto Rico, First Bank, on-going.
- Phase I and Phase II Environmental Site Assessments for the Las Gladiolas Public Housing, McCormack Baron Puerto Rico Developer, 2017.
- Phase I and Phase II Environmental Site Assessments for the Puerto de Tierra Public Housing, McCormack Baron Puerto Rico Developer, 2017.
- Phase I and Phase II Environmental Site Assessments for the Carioca Palo Seco Site, Cataño, 2015.
- Phase I Environmental Site Assessments for Commercial/Industrial/Residential Developments in Puerto Rico, Blackpoint/Doral Bank, 2014.
- Phase I and Phase II Environmental Site Assessments for Hermanos Melendez Hospital Complex and Puerto Rico Childrens Hospital located at Bayamon, October 2014.
- Phase I Environmental Site Assessment at Commercial Property in St. Thomas, USVI, November 2011.
- Phase I and Phase II Environmental Site Assessment for the Ramallo Brothers Printing facility, Caguas, Puerto Rico, November 2010.
- Phase I Environmental Site Assessments for six airports facilities in the Dominican Republic, 2008
- Phase II Environmental Site Assessments at the Las Americas and Gregorio Luperon Airports Facilities, Dominican Republic, on-going.

- Phase I Environmental Site Assessment for the Former Westernbank Plaza Building, Hato Rey, San Juan, Ferraiuoli LLC, 2012.
- Soil Investigation, Baxter Healthcare Facility, Aibonito, Puerto Rico, 2012.
- Phase I Environmental Site Assessment for the BBA Aviation/Signature Flight Support Facility at the Princess Juliana International Airport, St. Maarten, Netherlands Antilles, September 2011.
- Phase I Environmental Site Assessments for various schools as part of the Schools for the 21 Century Project, as requested by the Autoridad para el Financiamiento de la Infraestructura, September 2011.
- Environmental Site Investigation, Shellfoam Facility, Puerto Rico Industrial Development Company (PRIDCO), Cidra, Puerto Rico, June 2010.
- Soil Sampling Investigation, PCB Horizon Facility, Puerto Rico Industrial Development Company (PRIDCO), San German, Puerto Rico, 2009.
- Phase I and Phase II ESA for various locations at the Peninsula de Cantera, San Juan, Puerto Rico, on-going.
- Environmental Assessment for soil contamination, Becton Dickinson Affirm Expansion, Cayey, Puerto Rico, March 2010.
- Environmental Assessments and Permitting Compliance for the PR Maritime Transportation Authority facilities around Puerto Rico, including Vieques and Culebra, 2012.
- Site Inventories and Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Canovanas, Puerto Rico, on-going.
- Site Inventories and Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Toa Baja, Puerto Rico, on-going.
- Site Inventories and Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Aguadilla, Puerto Rico, on-going.
- Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Caguas, Puerto Rico, 2017.
- Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Salinas, Puerto Rico, 2017.
- Phase I ESA for the San Jorge Children's Hospital for First Bank, Santurce, Puerto Rico, June 2010.
- Environmental Audits and Permitting Compliance for the LANCO Group Facilities located in San Lorenzo, Cidra and Rio Piedras, on-going.
- Phase I ESA for a parcel of land owned by Doral Bank, Rincon, Puerto Rico, July 2010.
- Phase I ESA for a parcel of land owned by Doral Bank, Loiza, Puerto Rico, July 2010.
- Phase I ESA for former gasoline station owned by Banco Popular de PR, Corozal, 2011.
- Phase I ESA for former gasoline station owned by Banco Cooperativo de Puerto Rico, Ciales, 2012.
- Phase I Environmental Site Assessment and Environmental Audit, Patheon Facility for EDIC College, Caguas, 2011.
- Environmental Assessments of parcel of lands for the proposed Capobella Tourist Development, Republica Dominicana, January 2010

- Transaction Screening for the Buffalo Wings facility at the Luis Muñoz Marin International Airport, Carolina, Puerto Rico, December 2009.
- Phase I ESA for the Dollar Rent a Car facility, owned by Empresas Alberic Colon, Ponce, Puerto Rico, 2009
- Phase I ESA for the former Gulf Gasoline Station as requested by First Bank, Camuy, Puerto Rico, 2009.
- Phase I ESA for the Hospital Episcopal San Lucas and Torre Media, as requested by First Bank, Ponce, Puerto Rico, 2009.
- Phase I and Phase II ESA for former Union Carbide Caribe Facility, as requested by Peerless Oil and Chemicals, Peñuelas/Guayanilla, Puerto Rico, 2009.
- Environmental Audit and Permitting Compliance, Papelera Puertorriqueña, Utuado, Puerto Rico, 2009.
- Phase I ESA for the proposed Sun Microsystems facility, as requested by McConnell Valdez, Ponce, Puerto Rico, 2009.
- Baseline Assessment for the Texaco Farm Tank, as requested by Peerless Oil and Chemicals, Guayanilla, Puerto Rico, 2009.
- Phase I and Limited Phase II ESA for the Biovail Laboratories facilities, Dorado, Puerto Rico, 2009.
- Environmental Road Map and Permitting Compliance at the Hanes facility for the proposed Cervezas del Sur project, Ponce, Puerto Rico, 2011.
- Phase I ESA for a parcel of land for a proposed Walgreens Facility, Bayamon, Puerto Rico, 2008.
- Environmental Assessments and Remediation for the ACERVO Facility for the proposed Villas El Paraiso Project, Hato Rey, Puerto Rico, 2008.
- Phase I and Phase II ESA for the former Schering Plough manufacturing facility, Manati, Puerto Rico, 2008. Environmental Coordination, Observation and documentation of the activities conducted at the Puerto de Ponce, as requested by an Administrative Order of the EPA, Municipality of Ponce, Puerto Rico, 2008.
- Environmental Assessment, proposed American Micro Steel facility, Guayanilla, Puerto Rico, 2008.
- Phase I ESA for various facilities around Puerto Rico owned by the Banco Gubernamental de Fomento para Puerto Rico, 2009.
- Environmental Assessment and Remediation at the Warner Chilcott Facility, Fajardo, Puerto Rico, 2008.
- Phase I ESA for various facilities owned by Ponce Resources to be transferred to Schnitzer Corporation, 2008.
- Phase I ESA for 15 facilities around Puerto Rico owned by Empresas Alberic Colon, 2008.
- Environmental Assessment and Remediation at the former Junco Steel Facility, ENTECH, Guaynabo, Puerto Rico, 2008.
- Phase I ESA and Soil Assessment at the former Filtertek Facility, for a proposed Camera Mundi project, Caguas, Puerto Rico, 2008.
- Phase I ESA for 6 airports facilities at various Dominican Republic, owned by AERODOM, 2008.
- Environmental Audit at the Hertz Facility, Carolina, Puerto Rico, 2008.

- Phase I ESA for two parcels of land, First Bank, Manati, Puerto Rico, 2008.
- Phase I for a former PRIDCO facility for a proposed Curtis Instrument project, Luquillo, Puerto Rico, 2008.
- Environmental Assessment, Environmental Audit and Permitting compliance for a proposed Model Offset Printing expansion, Humacao, Puerto Rico, 2008.
- Phase I ESA of former Empresas Santana facilities at the Luis Muñoz Marin International Airport and Base Muñoz, Carolina, Puerto Rico, 2008.
- Phase I ESA for four facilities owned by Borinquen Memorial Funeral Home, First Bank, various locations in Puerto Rico, 2008.
- Phase I ESA for the San Juan Marriott Hotel & Casino, First Bank, San Juan, Puerto Rico, 2008.
- Phase I and Phase II ESA for the Aguas Puras project at the PRASA Treatment Plant, First Bank, Bayamon, Puerto Rico, 2008.
- Phase I ESA for a parcel of land for a proposed Home Depot facility, Ponce, Puerto Rico, 2007.
- Phase I ESA for the Imacaca facility as requested by Banco Popular, Bayamon, Puerto Rico, 2007.
- Phase I ESA for the La Fuente Motel as requested by First Bank, Caguas, Puerto Rico, 2007.
- Environmental Assessment for a proposed Universal Insurance facility as requested by Sierra Cardona Ferrer, Hatillo, Puerto Rico, 2007.
- Phase I ESA, Environmental Assessment and Permitting compliance for the proposed Becton Dickinson Biosciences facility, Cayey, Puerto Rico, 2007.
- Technical Consultant for Shell Puerto Rico, Luis Muñoz Marin International Airport, EPA Consent Order, Carolina Puerto Rico, July 2006.
- Phase II Site Characterization Shell Puerto Rico Former Gasoline Station, Mayaguez, Puerto Rico, August 2005.
- Phase II Site Characterization Shell Puerto Rico Gasoline Station, Ponce, Puerto Rico, March 2005.
- Phase II Site Characterization Almetco Facility, Canovanas, Puerto Rico, April 2008.
- Assessment and Remediation Activities, EPA Brownfields Program, Hato Rey Electroplating PRIDCO Facility, Hato Rey, Puerto Rico, September 2005.
- Assessment and Remediation Activities, EPA Brownfields Program, National Circuit PRIDCO Facility, Fajardo, Puerto Rico, September 2005.
- Phase II - Soil Assessment at Property to be Acquired by Junco Steel, Vega Baja, Puerto Rico, June 2005.
- Soil Assessment Cardinal Health Facility, Humacao, Puerto Rico, August 2005.
- Remedial Action Plans Preparation for the ACERVO Facility (Villas del Paraiso Residential Development), Hato Rey, Puerto Rico, February 2004
- Environmental Sampling Assessment, Taller Bufalo, Barceloneta, Puerto Rico, October 2003
- Closure of Septic Tank System, US Navy, Vieques, Puerto Rico, 2007.
- Phase I Environmental Site Assessment, El Mundo Broadcasting 10 properties in various locations in Puerto Rico, April 2003

- Phase I Environmental Site Assessment, Proposed Home Depot facility, Arecibo, Puerto Rico, 2003
- Phase I, Phase II, and Remediation Activities, Saint Luke's Memorial Hospital, Former Hospital Regional de Ponce, Ponce, Puerto Rico, September 2003
- NPDES Storm Water Pollution Prevention Plan and Permitting, Las Cascadas Residential Development, Toa Alta, Puerto Rico, On-going
- Assessment and Remediation Activities, EPA Superfund Program, Metal Finishing Toa Baja Facility, Toa Baja, Puerto Rico, February 2004
- Corps of Engineers and Environmental Permits, Torre Cibeles Residential Development, Hato Rey, Puerto Rico, April 2004.
- Phase II Environmental Assessment Activities, Covadonga Road Connector, San Juan, Puerto Rico, January 2004
- Technical Assistance, Former San Juan Gas Facility, San Juan, Puerto Rico, December 2000
- Phase I Environmental Site Assessment, Former Digital Facility, San German, Puerto Rico, December 2002
- Environmental Impact Statement, Aventura Residential Development, Gurabo, Puerto Rico, April 2006.
- Environmental Assessment, Ext. Degetau Improvements, Caguas, Puerto Rico, 2007.
- Environmental Assessment, Periferal Avenue Construction, Caguas, Puerto Rico, September 2007.
- Phase II Environmental Site Assessment (Soil and Groundwater, Septic Tank Characterization, PCB Testing, Asbestos and Lead-based Paint Limited Surveys, ACERVO Facility, Hato Rey, Puerto Rico, February 2002
- Phase I Environmental Site Assessment, Undeveloped property, Guayama, Puerto Rico, January 2003
- Phase I Environmental Site Assessment, San Juan and Carolina properties, January 2003
- Environmental Assessment, Isla Grande Site 36 Site, San Juan, Puerto Rico, January 2010.
- Underground Injection Control System Closure, Former Mayaguez Filter Facility, Mayaguez, Puerto Rico, January 2005.
- Phase II Environmental Assessment Activities, PR 122 Gulf Station, San Germán, Puerto Rico, 2003.
- Phase I Environmental Site Assessment, Plaza Tropical Facility, Bayamon, Puerto Rico, January 2003
- Phase I and Phase II Assessments, Revitalizacion Centro Urbano de Santurce, San Juan, Puerto Rico, February 2003.
- NPDES and CES Permits, Monticielo Residential Development, Caguas, Puerto Rico, January 2003.
- NPDES Permit, Coatings industrial facility, Bayamon, Puerto Rico, November 2002.
- Environmental Monitoring, Cidra River, Adjuntas, Puerto Rico, December 2002.
- Phase I Environmental Site Assessment, Beckton Dickinson Facility, Juncos, Puerto Rico, October 2002.
- NPDES Permitting, Laderas de San Juan Residential Development, San Juan, Puerto Rico, October 2004.

- Environmental Consulting Services, Mendez & Co. Carlos Malave Site, Cataño, Puerto Rico, February 2006.
- Environmental Impact Statement, Los Machos Beach Improvements, Ceiba, Puerto Rico, 2002.
- Phase II Environmental Assessment, Bard Undeveloped Lot, Humacao, Puerto Rico, November 2002.
- Phase I Environmental Site Assessment, Leaseway facilities, Cataño and Toa Baja Site, Puerto Rico, September 2002.
- Phase I Environmental Site Assessment, Mountain Union Telecommunication Towers, various location in Puerto Rico, November 2002.
- Environmental Evaluation Widening of PR-901, Yabucoa, Puerto Rico, August 1998.
- Environmental Evaluation PR-20 Toll Plaza, Guaynabo, Puerto Rico, October 1998.
- Environmental Analysis ERIKA Manufacturing Facility, Fajardo, Puerto Rico, November 1998.
- Phase I and Phase II Assessments for Yauco, Guayama and San Pablo Medical Facilities, From 1997 to 1998.
- Phase I and Phase II Site Assessment - Confidential Manufacturing Facility, Guaynabo, Puerto Rico, December 1997.
- Septic System UIC Closure Plan - Baxter Sales Facility, Guaynabo, Puerto Rico, February 1997.
- Underground Injection Control Permitting - Parque Las Cavernas de Camuy, Camuy, Puerto Rico, November 1996.
- Phase I Environmental Site Assessment Air Liquid Facility, Cataño, Puerto Rico, October 1996.
- Phase I Environmental Site Assessment 3 General Gases Facilities, Cataño, Bayamón and Ponce, Puerto Rico, October 1996.
- Phase I Environmental Site Assessment - Peninsula de Cantera Proposed Development Project, Santurce, Puerto Rico, November 1996.
- Phase I Environmental Site Assessment Tropical Fruit Property, Guanica, Puerto Rico, November 1996.
- PDES Storm Water Pollution Prevention Plans for 12 Ready Mix Concrete and 5 Aggregates Facilities Throughout the Island, September 1996.
- NPDES Storm Water Permitting - Comprehensive Site Compliance Evaluation - Intel Facility, Las Piedras, Puerto Rico, January 1996.
- Environmental Permitting Coordination and Management - Super Aqueduct PRASA Project, North Coast of Puerto Rico, From January to July 1996.
- Phase I Environmental Site Assessment - Caribbean Containers Inc., Arecibo, Puerto Rico, April 1996.
- NPDES Storm Water Permitting - Comprehensive Site Compliance Evaluation - Bumble Bee Facility, Mayaguez, Puerto Rico, May 1996.
- Storm Water Pollution Prevention Plan - Arecibo Coliseum Development, Arecibo, Puerto Rico, May 1996.



- Baseline Environmental Evaluation - PR Highway 22 Corridor - Hatillo to Hormigueros, February 1996.
- CEST Plan Arecibo Coliseum Development, Arecibo, Puerto Rico, May 1995.
- Hazardous Waste Characterization - Former Robert Cylinders Manufacturing, Canovanas, Puerto Rico, November 1995.
- Pretreatment Compliance Action Plan - OSI Puerto Rico. Corp., Santa Isabel, Puerto Rico, November 1995.
- CEST Plan Verde Luz Residential Development, Caguas, Puerto Rico, October 1995.
- Storm Water Pollution Prevention Plan - Verde Luz Development, Caguas, Puerto Rico, November 1995.
- Storm Water NPDES Evaluation - Timberland Facility, Isabela, Puerto Rico, October 1995.
- Inventory and Characterization of Chemical Wastes - Former Gulf Medical Technologies Inc. Facility, Cidra, Puerto Rico, February 1995.
- Phase I Environmental Site Assessment ACERVO Transportation and Maintenance Facility, Hato Rey, Puerto Rico, October 1995.
- Phase I Environmental Site Assessment and Limited Regulatory Compliance Audit - OSI Facility, Santa Isabel, Puerto Rico, February 1995.
- Regulatory Compliance Audit - Basic Industries Facility, Caguas, Puerto Rico, March 1995.
- Regulatory Compliance Audit - Manufacturera Berrios, Caguas, Puerto Rico, January 1995.
- Spill Prevention Control and Countermeasure Plan (SPCC) for Five Shopping Center Facilities in Fajardo, Aguadilla, Arecibo, Vega Baja and Guayama, Puerto Rico, May 1995.
- Storm Water Pollution Prevention Plan: NPDES General Permit Compliance - Valle del Lago Development, Rio Cañas, Caguas, Puerto Rico, June 1995.
- Phase I Environmental Site Assessment - Radio Station, Canovanas, Puerto Rico, June 1995.
- Phase I Environmental Site Assessment Mendez & Co. Commercial Facilities at Guaynabo, Ponce and Mayaguez, Puerto Rico, June 1995.
- Underground Injection Control Facility Closure Plan, Lugo Gulf Service Station, Utuado, Puerto Rico, May 1995.
- Environmental Impact Statement Torre Tivoli Residential Tower, Hato Rey, Puerto Rico, August 1995.
- Phase I Environmental Site Assessment Real Estate Transaction - 5 Hotel Properties in San Juan, Ponce and Mayaguez, Puerto Rico, March 1994.
- Phase I Environmental Site Assessment Real Estate Transaction - 15 Mueblerias Berrios Facilities Around the Island, December 1994.
- Phase I Environmental Site Assessment - Vasallo Industries Warehouse, Bo. Sabana Abajo, Carolina, Puerto Rico, September 1994.
- Storm Water Pollution Prevention Plan - OSRAM SYLVANIA Facility, Fajardo, Puerto Rico, April 1994.
- Phase I Environmental Site Assessment - Property Where the Baxter Healthcare San German Facility was Proposed, San German Puerto Rico, February 1993.
- Storm Water NPDES Storm Water Pollution Prevention Plan - Warner Lambert Facility, Vega Baja, Puerto Rico, August 1993.

- Storm Water Pollution Prevention Plan - Filterteck Inc. Facility, Patillas, Puerto Rico, February 1994.
- Inventory and Characterization of Hazardous Wastes - Former National Circuits Facility, Fajardo, Puerto Rico, November 1993.
- Storm Water Pollution Prevention Plan - La Sierra del Sol Development, Rio Piedras, Puerto Rico, July 1993.
- Storm Water NPDES Storm Water Pollution Prevention Plan - Warner Lambert Facility, Fajardo, Puerto Rico, August 1993.
- Storm Water Pollution Prevention Plan - Camino del Sol Development, Ponce, Puerto Rico, November 1993.
- Storm Water Pollution Prevention Plan - Bumble Bee Facility, Mayaguez, Puerto Rico, February 1993.
- Phase I Environmental Site Assessment - Finca Joaquina, Isla Verde, Puerto Rico, June 1994.
- Background Noise Measurements for the Puerto Rico Junior College, Carolina, Puerto Rico; June 1989.
- NPDES Storm Water Group Permit Application - Ready Mix Concrete Association Facilities, July 1992.
- NPDES Storm Water Pollution Prevention Plan - Holsum Bakers of Puerto Rico Facility, Toa Baja, September 1992.
- NPDES Storm Water General Permit Evaluation - Intel Manufacturing Facility, Las Piedras, Puerto Rico, June 1992.
- Environmental Impact Statement South Connector Road Project, Mayaguez, Puerto Rico, July 1991.
- Environmental Impact Statement Gonzales Clemente (PR 102) Road Expansion, Mayaguez, Puerto Rico, February 1992.
- Wood Treating Facilities Compliance with RCRA Subpart W - Assessment and Certification of Drip Pads, Several Facilities Around the Island, 1992.
- Ashland Hazardous Waste Storage Area Closure Certification, Cataño, Puerto Rico, March 1991.
- Environmental Evaluation - Mercedita Airport Access Roads, Ponce, Puerto Rico, January 1990.
- Environmental Phase I Site Assessment - A.H. Robins Manufacturing Company, Barceloneta, Puerto Rico, May 1989.
- Certification of Completion of Closure - Hazardous Waste Container Storage Unit (PRD-091049262), Ciales, Puerto Rico, April 1989.
- Searle & Co. RCRA Part B Permit Application: Response to EPA Comments; April 1987.
- Environmental Impact Statement, Caguas Center Shopping Center - Caguas, Puerto Rico; December 1978.
- Environmental Assessment, Sheering Industrial Development Corporation, Building Expansion (Beta IV) - Manati, Puerto Rico; August 1981.
- Environmental Evaluation State Road PR-102 - Mayaguez, Puerto Rico; August 1981.
- Infiltration/Inflow Study of the Sanitary and Storm Sewer Systems of the City of Rio Piedras - San Juan, Puerto Rico; June 1981.

- Water Quality Management Plan for the Island of Puerto Rico - Mining Pollution Control Study; August 1979.
- Preliminary Environmental Impact Statement - State Rd. PR-187 Boca de Cangrejos Avenue - San Juan, Puerto Rico; June 1987.

**RESUME OF  
LUIS RAUL COLON MORALES**

*Project Engineer/Project Manager*

**EDUCATION**

University of Puerto Rico  
Mayaguez Campus - B. S., Civil Engineering, 2005, Magna Cum Laude, GPA 3.85

University of Florida  
Gainesville – Master in Civil Engineering, Water Resources, 2007, Summa Cum Laude GPA 4.00

**PROFESSIONAL AFFILIATIONS**

College of Engineers and Surveyors of Puerto Rico (CIAPR)  
American Society of Civil Engineers (ASCE)  
National Groundwater Association

**PROFESSIONAL REGISTRATIONS/CERTIFICATIONS**

Professional Engineer (PE), License 21864, Puerto Rico

**CAREER SUMMARY**

Mr. Colón is a Project Engineer with the environmental consulting firm of Caribe Environmental Services since 2007. Mr. Colón is a registered Professional Engineer with the College of Engineers and Surveyors of Puerto Rico. Mr. Colón has been involved in a variety of water resources and environmental projects including surface and ground water hydrologic modeling and investigations as well as soil and groundwater contamination assessments. Mr. Colón is also continuously developing potentiometric and contaminant concentration surface maps as well as GIS Inventory databases. Also Mr. Colón has participated in the preparation of multiple environmental site assessments, environmental compliance audits and environmental permitting projects.

**LIST OF PROJECTS**

The following list shows a representative sample of Mr. Colón's professional work experience throughout his professional career.

**ENVIRONMENTAL ENGINEERING**

- Expert Witness – Blasina Lagoon Contamination, Municipio de Carolina V. Autoridad de Acueductos y Alcantarillados, Carolina, Puerto Rico – on-going.
- Soil Investigation, Baxter Healthcare Facility, Aibonito, Puerto Rico, on-going.

- Sampling activities, former Caguas Uniform facility, Caguas, Puerto Rico, on-going
- Environmental assessment, EFA Investment for Paseo Samaritano residential development, on-going
- Phase I and Groundwater sampling at Hospital Dr Pila, Ponce, Puerto Rico; on-going
- Phase I for Salichs Pou and Associates of former gas station at Toa Baja, Puerto Rico; October 2010
- Phase I Environmental assessment at Bacardi, Palo Seco facility; February 2011
- Phase I Environmental assessments of two sites (Arecibo and Carolina) for Battery Recycling; on-going
- Environmental Site Investigation, Shellfoam Facility, Puerto Rico Industrial Development Company (PRIDCO), Cidra, Puerto Rico, June 2010.
- Environmental Assessment for soil contamination, Becton Dickinson Affirm Expansion, Cayey, Puerto Rico, March 2010.
- Site Inventories and Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Canovanas, Canovanas, Puerto Rico, on-going.
- Site Inventories and Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Toa Baja, Toa Baja Puerto Rico, on-going.
- Site Inventories and Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Aguadilla, Aguadilla, Puerto Rico, on-going.
- Phase I ESA for the San Jorge Children's Hospital for First Bank, Santurce, Puerto Rico, June 2010.
- Environmental Audits and Permitting Compliance for the LANCO Group Facilities located in San Lorenzo, Cidra and Rio Piedras, on-going.
- Phase I ESA for a parcel of land owned by Doral Bank, Rincon, Puerto Rico, July 2010.
- Phase I ESA for a parcel of land owned by Doral Bank, Loiza, Puerto Rico, July 2010.
- Phase I ESA for former gasoline station owned by Banco Popular de PR, Corozal, July 2010
- Phase I ESA for former gasoline station owned by Banco Cooperativo de Puerto Rico, Ciales, on-going.
- Phase I Environmental Site Assessment, Groundwater Sampling and Environmental Audit, Patheon Facility for EDIC College, Caguas, February 2011
- Soil Sampling Investigation, PCB Horizon Facility, Puerto Rico Industrial Development Company (PRIDCO), San German, Puerto Rico, 2009.
- Soil Investigation According to an Administrative Order of Consent Issued by the EPA PRIDCO, San Germán, Puerto Rico, On-going
- Phase I ESA for the Dollar Rent a Car facility, owned by Empresas Alberic Colon, Ponce, Puerto Rico, 2009
- Phase I ESA for the former Gulf Gasoline Station as requested by First Bank, Camuy, Puerto Rico, 2009.
- Phase I ESA for the Hospital Episcopal San Lucas and Torre Media, as requested by First Bank, Ponce, Puerto Rico, 2009.
- Phase I and Phase II ESA for former Union Carbide Caribe Facility, as requested by Peerless Oil and Chemicals, Peñuelas/Guayanilla, Puerto Rico, 2009.
- Environmental Audit and Permitting Compliance, Papelera Puertorriqueña, Utuado, Puerto Rico, on-going

- Phase I ESA for the proposed Sun Microsystems facility, as requested by McConnell Valdez, Ponce, Puerto Rico, 2009
- Phase I and Limited Phase II ESA for the Biovail Laboratories facilities, Dorado, Puerto Rico, 2009.
- Phase I Environmental Site Assessment & Phase II Site Characterization First Bank, Cataño, Puerto Rico, 2008.
- Phase I Environmental Site Assessment Borinquen Memorial, Caguas, Puerto Rico, 2008.
- Phase I Environmental Site Assessment Leaseway, Cataño, Puerto Rico, 2008.
- Phase I ESA of former Empresas Santana facilities at the Luis Muñoz Marín International Airport and Base Muñiz, Carolina, Puerto Rico, 2008.
- Phase I and Phase II ESA for the Aguas Puras project at the PRASA Treatment Plant, First Bank, Bayamon, Puerto Rico, 2008.
- Phase I Environmental Site Assessment (4 SITES) Alberic Colon, San Juan, Puerto Rico, 2008.
- Phase I Environmental Site Assessment Banco Gubernamental de Fomento, San Juan, Guaynabo & Ponce, Puerto Rico, 2008.
- Site Characterization of Soil and Groundwater, Dense Non-Aqueous Phase Liquids (DNAPLs), Confidential Client, Carolina, Puerto Rico.
- Assessment of Dense Non-Aqueous Phase Liquids (DNAPLs) in Groundwater, Confidential Client, Carolina, Puerto Rico.
- NPDES Storm Water Management Plan, Peerless Oil and Chemical, Peñuelas & Guayanilla, Puerto Rico, Ongoing
- NPDES Storm Water Management Plan, Quality Electroplating, Caguas, Puerto Rico, January 2009.
- NPDES Storm Water Management Plan, University of Puerto Rico, Aguadilla Campus.
- NPDES Storm Water Management Plan, University of Puerto Rico, Humacao Campus.
- NPDES Storm Water Management Plan, University of Puerto Rico, Carolina Campus.
- Consumption of Energy Analysis, Ext. Degetau Improvements, Caguas, Puerto Rico, 2007
- Erosion and Sedimentation Control Plan UPR Bayamón, Bayamón, Puerto Rico, 2007

## **HYDROLOGY AND HYDRAULICS**

### *Surface Hydrology/Hydraulics*

- Hydrologic/Hydraulic Study for the Turabo River, Caguas, Puerto Rico, as requested by the Puerto Rico Highway and Transportation Authority, on-going.
- Hydrologic/Hydraulic Study for the AD Bayamon site owned by Mendez & Co., Bayamon, Puerto Rico, on-going.
- Hydrologic/Hydraulic Study for a proposed Mixed-Uses Development Complex, LAIF LLC, Guaynabo, Puerto Rico, 2009
- Hydrologic Study Degetau Avenue Extension, Caguas, Puerto Rico, On-going
- Hydrologic/Hydraulic Study La Vereda Residential Development, Ceiba, Puerto Rico, 2008

- Hydrologic/Hydraulic Study Notre Dame Elementary School, Caguas, Puerto Rico, 2008
- Hydrologic/Hydraulic Study and Sinkholes Hydraulic Evaluation, Las Americas Technology Industrial Park, Moca, Puerto Rico, January 2007
- Hydrologic/Hydraulic Study Betteroads Cupey Facility, San Juan, Puerto Rico, 2007.
- Hydrologic and Hydraulic Study, Villas de Montecielo Residential Development, Guaynabo, Puerto Rico.
- Hydrologic and Hydraulic Study for the Degetau Avenue to the Turabo River and FEMA Conditional Letter of Map Revision Request, Caguas, Puerto Rico, June 2005.

### ***Groundwater Hydrology/Hydrogeology***

- Aquifer Investigation at the former Hanes Facility for the proposed Cervezas del Sur project, Ponce, Puerto Rico, on-going
- DNER Permitting of monitoring wells, former Patheon facility, Caguas, Puerto Rico, on-going.
- Groundwater study and slug/chemical testing, IPR Pharmaceuticals, Canóvanas, Puerto Rico, on-going
- Site Characterization of Soil and Groundwater, former Hospital Dr. Pila owned by Metro Pavia, Ponce, Puerto Rico, on-going.
- Site Characterization of Soil and Groundwater, Dense Non-Aqueous Phase Liquids (DNAPLs), Confidential Client, Carolina, Puerto Rico, July 2009
- Subsurface-Groundwater Contamination Assessment – PRHTA Site 36, Puerto Rico, On-Going
- Hydrologic/Hydraulic Study and Sinkholes Hydraulic Evaluation, Camaseyes Residential Area, Aguadilla, Puerto Rico, 2007
- Groundwater and deep well sampling Monitoring Event, IPR Pharmaceuticals, Canovanas, Puerto Rico, 2007.
- Hydrogeologic Characterization Assessment, Villas del Faro Punta Tuna Beach Resort, Maunabo, Puerto Rico, November 2001 (during summer part-time job)

### **GIS INVENTORY DATABASE**

- Brownfield Inventory Database for Municipality of Aguadilla; on-going
- Brownfield Inventory Database for Municipality of Toa Baja; on-going
- Brownfield Inventory Database for Municipality of Canóvanas; on-going
- Location Inventory of sampling points for:
  - Soil Investigation, Baxter Healthcare facility, Aibonito, Puerto Rico; on-going
  - Phase I and Groundwater sampling at Hospital Dr Pila, Ponce, Puerto Rico; on-going
  - Environmental Site Investigation, Shellfoam Facility, Puerto Rico Industrial Development Company (PRIDCO), Cidra, Puerto Rico, June 2010
  - Phase I and Phase II ESA for former Union Carbide Caribe facility, as requested by Peerless Oil and Chemicals, Peñuelas/Guayanilla, Puerto Rico; 2009
  - Aquifer Investigation at the former Hanes facility for the proposed Cervezas del Sur project, Ponce, Puerto Rico; on-going

- Groundwater study and slug/chemical testing, IPR Pharmaceuticals, Canóvanas, Puerto Rico; on-going
- Storm & Sanitary Water Sewers Location and/or Characteristics Identification, Expert Witness Contamination Assessment Municipio de Carolina vs. Autoridad de Acueductos y Alcantarillados, Carolina, On-Going.
- Location and Characteristics Identification of Water Wells, Groundwater Investigation, Cervezas del Sur, Ponce, Puerto Rico, 2009

## **CONTINUING EDUCATION SEMINARS**

“ASTM 1527-13 Standard for Environmental Site Assessments for Commercial Real Estate”, ASTM Technical Training and E- Learning, September 23-24, 2014

“EPA’s 2012 Construction General Permit (CGP)”, US EPA Stormwater Program’s Webcast Series, March 15, 2012

“Two Experts Share Intell on Vapor Intrusion in the Real World”, Environmental Data Resources, Inc., February 7, 2012

“The Remediation Course, 38 hour continuing education course”, Princeton Groundwater, Inc., October 24-28, 2011

“Reglamentos y Permisos Ambientales ante el Cuerpo de Ingenieros de Estados Unidos”, Universidad Puerto Rico, Div Educación Continua, December 13, 2010

“Reglamentos y Permisos Ambientales Parte II”, Universidad Puerto Rico, Div Educación Continua, December 3, 2010

“Cambios Recientes a Leyes y Reglamentos Ambientales y Propuestas Inmediatas de Energia Verde”, CIAPR and AIDIS, October 29, 2009.

Seminar about “2008 Final NPDES General Permit For Stormwater Discharges From Industrial Activities”, Asociacion Interamericana De Ingenieria Sanitaria Y Ciencias Del Ambiente, November 20, 2008

Hydrologic Modeling Using HEC-HMS Computer Model, American Society of Civil Engineers, Orlando, Florida, January, 2008

“Taller sobre Sistema de Información Geográfica: Puerto Rico Interactivo y el Expediente Digital”, Puerto Rico Planning Board and College of Engineers and Surveyors of Puerto Rico, Hato Rey, Puerto Rico, May 11, 2007.



**SKILLS**

Proficient with the following softwares:

- Microsoft's computer software, such as: Power Point, Excel and Word.
- Hydrologic and Hydraulic software, such as: HMS, HEC-RAS, Hydraflow Storm Sewer, HY-8
- Software that can be applied to groundwater modeling, such as: Rockworks 2006, Surfer, AQTESOLV and Modflow Packages.
- AutoCad
- Arc GIS.
- Virtual Basic Programming.

**LANGUAGE CAPABILITY:**

<u>Language</u>	<u>Speaking</u>	<u>Reading</u>	<u>Writing</u>
English	Excellent	Excellent	Excellent
Spanish	Excellent	Excellent	Excellent

*Phase I Environmental Site Assessment Report  
Former Mechanical Shop  
PR-10 (Utuado - Adjuntas)  
Project – AC-100069  
Guaónico Ward  
Utuado, Puerto Rico  
CES Project No. 20-0008*

**PRIVILEGED AND CONFIDENTIAL**

**APPENDIX 9**

**ASTM QUESTIONNAIRE**

*Request of Information for Phase I Environmental Site Assessment  
Former Mechanical Shop  
PR-10 Road (Utuado and Adjuntas)  
Guaonico Ward, Utuado, Puerto Rico  
CES Project No. 20-0008*

**PRIVILEGED AND CONFIDENTIAL**

**ATTACHMENT 1**

**ASTM E1527-13 USER QUESTIONNAIRE**

**PRIVILEGED AND CONFIDENTIAL**

**ATTACHMENT 1  
ASTM E1527-13 USER QUESTIONNAIRE**

In order to qualify for one of the *Landowner Liability Protections (LLPs)*<sup>1</sup> offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*")<sup>2</sup> *PRHTA (user)* must provide the following information (if available) of the referenced property located at the PR-10 Road (Utuado and Adjuntas), Guaonico Ward, Utuado, Puerto Rico, to the *environmental professional* appointed by *Caribe Environmental Services (CES)*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

- (1.) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).**

Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

**USER RESPONSE:**

*We have no knowledge of any environmental cleanup liens against the property.*

- (2.) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).**

Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, state or local law?

**USER RESPONSE:**

*We are not aware of any AULs.*

- (3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).**

As the *user* of this *ESA* do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

**PRIVILEGED AND CONFIDENTIAL**

**USER RESPONSE:**

*We have no specialized knowledge or experience related to the property.*

**(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29)**

Does the purchase price being paid for this *property* reasonable reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?

**USER RESPONSE:**

*Yes, the purchase price paid for this property reasonable reflect the fair market value of the property.*

**(5.) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30)**

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help *Caribe Environmental Services (CES)* to identify conditions indicative of releases or threatened releases? For example, as *user*,

(a.) Do you know the past uses of the *property*?

**USER RESPONSE:**

*Agriculture*

(b.) Do you know of specific chemicals that are present or once were present at the *property*?

**USER RESPONSE:**

*We do not have knowledge of chemicals that are present or once were present at the property.*

**PRIVILEGED AND CONFIDENTIAL**

- (c.) Do you know of spills or other chemical releases that have taken place at the property?

**USER RESPONSE:**

*We do not have knowledge of spills or other chemical releases that have taken place at the property.*

- (d.) Do you know of any environmental cleanups that have taken place at the property?

**USER RESPONSE:**

*We do not have knowledge of any cleanups that have taken place at the property.*

- (6.) **The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**

As the *user* of this *ESA*, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

**USER RESPONSE:**

*We do not have knowledge of any obvious indicators that point to the presence or likely presence of contamination at the property.*

By:

Soledad Y. Rusalledo Name:  August 11, 2020  
Title: Acquisitions Director Date

<sup>1</sup>Landowner Liability Protections, or LLPs, is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchases, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability* ("Common Elements" Guide) issued on March 6, 2003.

<sup>2</sup> P.L. 107-118.