DECLARATION FOR THE RECORD OF DECISION

SITE NAME AND LOCATION

Frontera Creek Site - Humacao, Puerto Rico

STATEMENT OF BASIS AND PURPOSE

This decision document presents the selected remedial action for the Frontera Creek Superfund Site, in Humacao, Puerto Rico, which was chosen in accordance with the requirements of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) as amended by the Superfund Amendments and Reauthorization Act of 1986 ("SARA") and the National Oil and Hazardous Substances Pollution Contingency Plan ("NCP"). This decision document summarizes the factual and legal basis for selecting the remedy for this site.

The Commonwealth of Puerto Rico Environmental Quality Board ("EQB") concurs with the selected remedy. A letter of concurrence from EQB is appended to this document.

The information supporting this remedial action decision is contained in the administrative record for this site, an index of which is appended to this document.

ASSESSMENT OF THE SITE

Actual or threatened releases of hazardous substances from this site, if not addressed by implementing the response action selected in this Record of Decision ("ROD"), may present an imminent and substantial threat to public health, welfare, or the environment.

DESCRIPTION OF THE SELECTED REMEDY

This action addresses the threats posed by the Site by excavating mercury contaminated sediments and soils at the Site.

The major components of the selected remedy include:

- Excavation of 370 cubic yards of mercury-contaminated sediments in the Technicon ditch.
- Excavation of 180 cubic yards of mercury-contaminated soils at the Technicon facility surroundings.
- Dewatering and containment of excavated material.
- Off-site disposal of excavated material at a RCRA Subtitle D or C waste facility.
- Pretreatment of wastewater generated from dewatering and discharge to Technicon's wastewater treatment plant, a local

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POTW, or an on-site treatment plant.

Performance of confirmatory soil sampling in the remediated areas to verify that mercury concentrations in residual, onsite materials do not exceed the remedial action objective of 35 ppm.

Regrading and revegetating the remediated areas.

DECLARATION OF STATUTORY DETERMINATIONS

The selected remedy is protective of human health and the environment, complies with Federal and State requirements that are legally applicable or relevant and appropriate to the remedial action, and is cost effective. This remedy utilizes permanent solutions and alternative treatment technologies to the maximum extent practicable for this site. However, because treatment of the principal threats at the site was not found to be practicable, this remedy does not satisfy the statutory preference for treatment as a principal element of the remedy. As this remedy will result in no hazardous substances remaining on-site above health-based levels, a five year review is not required.

· Constantine Sidamon-Eristoff Regional Administrator,

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DECISION SUMMARY

FRONTERA CREEK SITE

HUMACAO, PUERTO RICO

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION II

NEW YORK

I. SITE LOCATION AND DESCRIPTION

The Frontera Creek Site (the "Site") is located on the eastern coast of Puerto Rico within the Municipality of Humacao at approximately 18°9' north latitude and 65°47' west longitude. A site location map is provided as Figure 1. The Site includes Frontera Creek from east of Junquito Ward to its entry into the Caribbean Sea; the 13 industrial properties adjacent to the creek; the North, Southeast and Southwest Frontera lagoons also known as the Santa Teresa Lagoons; their associated abandoned pump stations which were used to keep the lagoons dry for agricultural purposes and the Ciudad Cristiana housing development located alongside the creek. Land use in the area surrounding the site consists of mixed residential, industrial and wildlife refuge.

The section of Frontera Creek within the study area extends for a distance of approximately three miles from Route 925 to El Morrillo, where it enters the Caribbean Sea. It is a small channelized drainage ditch that varies from 3 to 45 feet in width and from about 0.3 to 6 feet in depth. The creek channel runs past the 13 site industries, under Route 3 and then past Ciudad Cristiana before bisecting the Frontera Lagoons and intersecting the Caribbean Sea at El Morrillo.

Downstream of Route 3, in-stream flow is negligible and the creek consists primarily of stagnant pools. Except for the section from the pump station to the sea, the entire creek within the study area flows through a man-made channel, constructed prior to the 1960s to improve coastal drainage.

The creek runs between three large shallow freshwater lagoons which are currently owned by the Puerto Rico Department of Natural Resources (DNR). These lagoons, which cover an area of approximately 200 acres, are in hydraulic connection under the creek. In the early 1930s the section of Frontera Creek's channel from Route 3 to the Santa Teresa pump station was constructed and the lagoon areas were drained for agricultural purposes, including sugarcane, coconut and livestock production. When the drainage pumps located at the Santa Teresa pump station ceased operations in 1979, the coastal lagoons refilled and now support an abundant and varied aquatic wildlife community. The DNR acquired the lagoons in 1984 and the area is now a wildlife refuge.

The Mandri Canal was originally constructed to drain the wetlands north of Route 3, including the Mandri Lagoon. As shown on Figure 1, the portion of the canal within the study area is on DNR property and extends from Route 3 to the Santa Teresa pump station. This canal is approximately 20 feet wide and 20 feet deep and appears to be a healthy ecosystem as evidenced by an abundance of wildlife and species diversity. The Mandri Canal was included in the study area, since it has been alleged

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that the waters of the canal are in hydraulic connection with the creek and Frontera lagoons.

According to the 1980 Census, the total population of the Municipality of Humacao was 51,402.

The Site lies within the Humacao River watershed located on the southeastern coast of Puerto Rico. Low-lying hills and small mountains of Cretaceous igneous deposits with steep slopes are found a short distance inland from the coast. These elevations comprise the borders of the Humacao River watershed. Frontera Creek runs parallel to and lies north of the Humacao River.

Frontera Creek runs approximately 3.82 miles from the hills northwest of Rio Abajo to its outlet in the Caribbean Sea. The head of the creek originates at an elevation of approximately 230 feet. The creek runs southeast 1.09 miles to Route 925 which marks the start of the coastal plain at an elevation of around 16 feet above sea level and the edge of the study area. From there it continues east 2.73 miles to the sea. Frontera Creek drains a 2,540 acre watershed into the sea at a location just north of El Morillo.

Groundwater occurs in the alluvial aquifer under water table conditions. Although the alluvial sediments do not have hydraulic characteristics generally associated with a productive aquifer, five industrial wells and one agricultural well are reportedly in use at the site. The Site is underlain by Quaternary Age alluvial deposits. These deposits consist primarily of brown and gray clay and silty clay, interbedded with brown and gray fine to coarse sand. These sediments overlie and grade into beach deposits near the coast. The alluvial deposits are underlain by the igneous bedrock.

For the purpose of this document, the Frontera Creek drainage system is defined as the waters of Frontera Creek, the Frontera lagoons and the Mandri Canal. The entire system contains extensive lagoons, mangrove stands, swamps, grasslands, coconut groves, estuaries and saltwater marshes. The entire lagoon system covers an area of about 500 acres. It is a nesting ground for the endangered West Indian whistling duck, brown pelican, as well as several other species that are considered rare in Puerto Rico, such as the ruddy duck and the pied-billed grebe.

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II. SITE HISTORY AND ENFORCEMENT ACTIVITIES

Industrial wastewaters from industries within the Site were discharged into the creek from 1971 to 1981. Public concern about the site arose in 1977 following the death of thirty cows that grazed in the area. Since that time, the area has been investigated by EPA, EQB and several industries located in the vicinity. These investigations confirmed the presence of contaminants including mercury in sediments and surface water samples.

Several industries, including Technicon Electronics, (formerly a subsidiary of Revlon, Inc.), which used mercury in its manufacturing process, previously discharged their waste water directly into Frontera Creek. The EQB fined Technicon in June 1978 for this practice. Technicon stopped its mercury discharges into Frontera Creek in 1978.

As a result of the potential threat to public health, in August 1983, the Frontera Creek Site was included on EPA's National Priorities List of hazardous waste sites.

From 1978 to 1980, a housing development, Ciudad Cristiana, was built along Frontera Creek. The community of approximately 500 families began to complain of health problems within a year after their arrival. In February 1985, the Puerto Rico Department of Health (PRDOH) sampled the blood and urine of a number of residents of the community and found elevated levels of mercury. Soil samples collected by EQB also revealed the presence of mercury. As a result of these investigations, the Governor of Puerto Rico ordered an immediate evacuation of the community.

In March 1985, at the request of PRDOH, EPA, in coordination with the Agency for Toxic Substances and Disease Registry (ATSDR), began a Focused Remedial Investigation to assess the problem of mercury contamination in Ciudad Cristiana. This investigation included sampling for mercury and lindane in soil, sediments, water biota and air. The ATSDR evaluation of the data collected during this investigation and the data previously collected by EQB concluded that mercury did not present an immediate or significant health threat to residents of Ciudad Cristiana.

In March 1988, the residents of Ciudad Cristiana submitted additional biological examination results to ATSDR for review. ATSDR examined the results of 258 blood tests, 7 urine tests and 37 hair tests. No conclusion could be made by ATSDR regarding the relationship between these mercury results and environmental contamination at the Site. Several factors may be responsible for this including other sources of mercury exposure, sample contamination and laboratory error.

On October 3, 1986, Revlon, Inc., former parent company of Technicon, entered into an Administrative Order on Consent with EPA pursuant to Section 106(a) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA). The Consent Order gave Revlon the opportunity to perform the Remedial Investigation and Feasibility Study (RI/FS) under EPA's supervision. Revlon retained Dynamac Corporation to perform the investigation. EPA's contractor NUS Corp. and EQB's contractor,

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IT Corporation, provided oversight throughout the remedial investigation and collected split samples for independent testing.

III. HIGHLIGHTS OF COMMUNITY PARTICIPATION

The RI/FS Reports and the Proposed Plan for the Site were released to the public on July 24, 1991. These documents were made available at two information repositories maintained at the Humacao Town Hall and the U.S. Environmental Protection Agency Caribbean Field Office in Spanish and English. The notice of availability for these documents was published in El Nuevo Dia, a Spanish language newspaper of major circulation, on July 24, 1991 and in the San Juan Star, an English language newspaper of major circulation, on July 26, 1991. The public comment period was from July 24, 1991 through September 23, 1991. In addition, a public meeting was held on August 8, 1991 to present the results of the RI/FS and the preferred alternative as presented in the Proposed Plan for the Site. This meeting was announced to the affected communities by flyers distribution and soundtruck announcements. At this meeting, representatives of the EPA presented the Proposed Plan regarding remediation of the Site and later answered questions and responded to community comments concerning such Plan and other details related to the RI/FS reports. Responses to these comments are included in the Responsiveness Summary, which is appended to this ROD.

IV. SCOPE AND ROLE OF RESPONSE ACTION

This ROD addresses all of the Site mercury contamination in sediments and soils on the Technicon property. It is the only operable unit planned for this Site. The response action will reduce mercury concentrations in these media to levels protective of human health and the environment.

V. SUMMARY OF SITE CHARACTERISTICS

Based on sampling and analyses during the RI/FS, EPA has identified mercury and methylene chloride as the only contaminants of concern at the Frontera Creek Site.

The RI data indicate that elevated concentrations of mercury occur primarily in surface soils at Technicon at locations historically associated with the storage, use or discharge of mercury-containing compounds, and in sediments in the Technicon ditch, which historically received process and sanitary wastewaters from Technicon's on-site treatment plant. The levels range from non-detected to 535 ppm in these areas.

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The source of the methylene chloride is believed to be limited to

fugitive and stack air releases from the Squibb facility located within the Site. It was detected in levels from 180 ppb to 840 ppb. EPA is currently seeking an agreement with Squibb to reduce the emissions to levels protective of human health and the environment. This agreement is being sought under the authority of the Clean Air Act. Therefore, the remedy selection for the Site is driven by the mercury contamination.

<u>Affected Media</u>

This section summarizes the quantities and types of contamination found in each area of the Site under consideration.

Technicon Soils

Table 1 provides a summary of the mercury analytical data from the RI soil sampling program. The average mercury concentration in soils is approximately 4 ppm. The highest mercury concentration is 535 ppm, which was located immediately adjacent to a small break in a concrete berm surrounding the former raw materials storage area.

The contaminated area has been defined as 40 feet by 40 feet in size. Utilizing an average depth of 3 feet, the volume of soils contaminated above 35 ppm, which is the cleanup goal as determined by the Risk Assessment, is 180 cubic yards. Figure 2 identifies this area as area 3.

Technicon Ditch Sediments

Table 2 provides a summary of the mercury analytical data from the RI Technicon ditch sediments sampling program. Average mercury concentrations in the Technicon ditch are 6 to 7 ppm. The highest concentrations were 43.2 and 88.5 ppm. In almost all cases, at sampling locations at which shallow (0"-12") and deep (12" - 24") samples were taken, mercury concentrations decreased substantially with increased depth.

Based on the available data, two areas exist within the Technicon ditch that potentially contain sediment concentrations above the remedial action objective of 35 ppm of mercury. Area 1 consists of approximately 200 feet of the Technicon ditch. Utilizing an average sediment depth of two feet and a average cross section of 15 feet, the total volume of sediments potentially contaminated above 35 ppm is approximately 220 cubic yards. Area 2 consists of approximately 100 feet of the Technicon ditch. Utilizing an average sediment depth of two feet and average cross section of 20 feet, the total potential volume of contaminated sediments above 35 ppm is approximately 150 cubic yards. Figure 3 identifies these areas.

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Unaffected Media

Ciudad Cristiana Surface Soils

As summarized in Table 3, mercury concentrations in soil samples collected from Cuidad Cristiana as part of the surface soil sampling program ranged from 0 to 0.312 ppm with an average concentration of 0.091 ppm. Mercury concentrations in surface soils collected as part of the test boring program ranged from 0 to 0.836 ppm with an average concentration of 0.148 ppm. At 63 of the 147 locations where samples were collected, mercury was either not detected or the concentrations were below the Minimum Detection Level (MDL) (0.080 ppm).

Soil mercury concentrations detected at Ciudad Cristiana were all within the range of values reported to occur naturally in soils.

The results of the sampling for hazardous substances in Ciudad Cristiana soils revealed that there is no evidence to suggest a widespread past or present release of Hazardous Substance List (HSL) chemicals to soils.

Ciudad Cristiana Subsurface Soils

A total of 71 subsurface soil samples were collected for mercury analysis as part of the subsurface soil sampling program at Ciudad Cristiana. Results of these analyses are presented in Table 4.

All but five of the 71 subsurface soil samples collected from the Cristiana test borings had mercury concentrations either below the MDL (0.080 ppm) or contained no mercury. The highest detected value was 0.236 ppm.

The subsurface investigations indicated that mercury concentrations in the fill and alluvial sediments underlying Ciudad Cristiana are also within background ranges. Moreover, the continuous lithologic monitoring conducted during the installation of the Cristiana test boring did not identify the presence of dredge spoils in the fill underlying Cristiana.

Of the 71 subsurface soil samples, 11 samples from 11 discrete depth intervals were analyzed for HSL parameters. A summary of the results are presented in Table 5. The results revealed that there is no evidence of a source of HSL compounds in either the fill or alluvial sediments underlying Ciudad Cristiana.

Groundwater

Groundwater samples from the study area were tested for total and inorganic mercury. All samples analyzed were below the 2 ug/l federal Safe Drinking Water Act Maximum Contaminant Level (MCL) for mercury with the highest value reported as 0.33 ug/l. FRO

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The data indicate that there is no significant source of mercury contamination to groundwater from either the industrial area or Ciudad Cristiana. Results are presented in Table 6.

Potable Water

Two potable water samples were collected from a Cristiana hydrant and tested for HSL parameters. Results for mercury are presented in Table 7. HSL data is provided in Table 8. All HSL parameters tested showed concentrations below all relevant federal MCLs.

Surface Water

Quantifiable concentrations of mercury were detected in only three of twenty unfiltered surface water samples collected in the study area. This pattern has been observed historically in Frontera Creek surface waters, with the highest concentrations typically observed in the vicinity of the Technicon ditch.

The highest observed concentration was 0.86 ug/l and was below the P.R. Water Quality Standard of 1 ug/l. Results are summarized in Table 9.

With respect to HSL compounds, the known potential sources of HSL chemicals within the study area include each of the site industries, the PRASA wastewater treatment plants at Cristiana and Villa Palmira, the PRASA pumping station at Ciudad Cristiana, and the broken sewer pipeline at Cristiana. All of these potential sources of HSL chemicals historically resulted in the discharge of wastewaters to Frontera Creek, either directly or via discharges to the Humacao Industrial Park Water Treatment Plant (HIPWTP).

Several volatile organic compounds, including acetone, methylene chloride and methyl isobutyl ketone were detected in Frontera Creek surface water samples at concentrations in excess of 1,000 ug/l in an area adjacent to the Squibb facility. Based on the available data on reported chemical usage and the results of the industrial soil sampling program, these results may be due to a point source discharge from Squibb. With respect to inorganic HSL compounds, the surface water data indicate above background concentrations of chromium, copper, lead, iron, aluminum, nickel and vanadium. It is likely that these peak values are attributable to entrained sediment particles in the unfiltered surface water sample. Above background concentrations of zinc, chromium, lead, nickel, potassium and sodium were also found in the water adjacent to a broken sewer line fixed by PRASA in 1990. Table 10 provides a summary of average concentrations of HSL Compounds detected at the Creek.

In general it appears that potentially elevated concentrations of inorganic HSLs in surface water occur only sporadically and are associated with the broken sewer line and the point source discharge.

Sediments

Sediment samples were collected from depositional areas along Frontera Creek, Frontera Lagoons, Mandri Canal and Squibb ditch. Samples were analyzed for mercury and a limited number for HSLs. Mercury results are summarized in Tables 111, 112, 113. In Frontera Creek, the highest mercury concentration detected was 2.9 ppm with average concentrations in upstream, midstream and downstream portions of the Creek estimated at 0.091 ppm, 0.505 ppm and 0.330 respectively. Approximately 90% of the samples from the Creek had less than 1 ppm of mercury. Lower concentrations were found in samples from the Frontera Lagoons. Mercury was not detected in the two samples collected from the Mandri Canal.

With respect to HSLs, methyl chloride, methylene chloride, acetone, carbon disulfide and methyl ethyl ketone were the only volatile organic compounds detected above background concentrations in sediment. The highest concentrations of these compounds were found in one lagoon sample. The highest concentrations at the Creek were detected far downstream of the most likely sources of these chemicals, which are various industries within the study area. Furthermore, the physical and chemical properties of these volatile organic compounds are such that these same compounds should also be present in surface water, which they are not, at least at the locations with the highest alleged sediment concentrations.

Average and peak concentrations for inorganic HSLs found at the Creek were comparable to background concentrations. A summary of the HSL data is provided in Table 12

Air

Mercury concentrations measured in air within the study area were below the National Emission Standard for Hazardous Air Pollutants (NESHAPS) of 1 ug/m³ which represents an acceptable risk level of mercury in the air. Also, results were below the Threshold Limit Value-Time Weighted Average (TWA) value for mercury vapor of 0.05 mg/m³. This represents the TWA concentration for a normal 8-hour workday to which workers may be exposed without adverse effects.

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Air samples collected for the analysis of volatile organic compounds showed the presence of methylene chloride. The highest concentrations of methylene chloride (840 ppb) were detected along Technicon-Squibb fence lines. A summary of the air data is presented in Table 13.

Biota

Analytical data from the biota tissue samples indicate that there is no evidence of significant mercury contamination in flora or fauna at the site. Mercury concentrations in all samples were below the Food and Drug Administration level of 1 ppm.

The analytical results for the other HSL parameters indicate that biota are not being impacted by the site. Positive HSL analytical results were comparable to background samples. Results for the biota samples are presented in Table 14 through Table 15.

VI. SUMMARY OF SITE RISKS

EPA conducted a Risk Assessment of the "no-action" alternative to evaluate the potential risks to human health and the environment associated with the Site in its current state and with respect to future land use. The contaminants of concern were identified based on their frequency of detection, degree of toxicity, detection in various media, mobility and prevalence in the environment. These chemicals are listed in Table 16.

The potential exposure routes identified and evaluated in the Risk Assessment under current and future land-use scenarios are presented in Table 17.

The pathways evaluated include:

- exposure to mercury from dermal contact of contaminated soils and sediments at the Technicon facility within the Site.
- inhalation exposure to methylene chloride released to the air by stack and/or fugitive air emissions.

The potentially exposed populations under current land use are workers at the Technicon facility and local residents. Potentially exposed populations under future land use include workers and future local residents (adults and children).

Under current EPA guidelines, the likelihood of carcinogenic (cancer causing) and noncarcinogenic effects due to exposure to site chemicals are considered separately. It was assumed that the toxic effects of the site-related chemicals would be additive. Thus, carcinogenic and noncarcinogenic risks associated with exposures to individuals were summed to indicate the potential risks associated with mixtures of potential carcinogens and non-carcinogens, respectively.

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Noncarcinogenic risks were assessed using a hazard index ("HI") approach, based on a comparison of expected contaminant intakes

and safe levels of intake (Reference Doses). Reference doses ("RfDs") have been developed by EPA for indicating the potential for adverse health effects. RFDs, which are expressed in units of milligram per killogram per day (mg/kg-day), are estimates of daily exposure levels for humans which are thought to be safe over a lifetime (including sensitive individuals). Estimated intakes of chemicals from environmental media (e.g., the amount of a chemical ingested from contaminated drinking water) are compared with the RfD to derive the hazard quotient (HQ) for the contaminant in the particular medium. The HI is obtained by adding the hazard quotients (HQs) for all compounds across all A HI greater than 1 indicates that potential exists for media. noncarcinogenic health effects to occur as a result of siterelated exposures. The HI provides a useful reference point for gauging the potential significance of multiple contaminant exposures within a single medium or across media. If the HI is greater than unity as a consequence of summing several hazard quotients (HQ) of similar value, it would be appropriate to segregate the compounds by effect and by mechanism of action to derive separate hazard indices for each group. The RdDs for the contaminants are presented in Table 18 and teh HIs are in Table 19.

The HI for potential exposure to adults from noncarcinogenic site-related mercury via dermal contact with soils (8.1) and volatile organic compounds (VOC) via air inhalation (3.3) are above one, suggesting that adverse noncarcinogenic effects are likely to occur at the Site. Furthermore, the HIs for a child under a future residential exposure exceeded 1 (i.e., the mercury HI was 3.6,1 the VOC HQ was 35).

A concentration of 35 ppm for mercury has been established as the clean up level for contaminated soils and sediments at the Technicon facility. This clean-up level will result in a HI of one. Therefore, a concentration of 35 ppm for mercury will be protective of human health under all identified exposure routes.

Potential carcinogenic risks were evaluated using the cancer slope factors developed by the EPA for the compounds of concern. Cancer slope factors ("SFs") have been developed by EPA's Carcinogen Risk Assessment Verification Endeavor (CRAVE) for estimating excess lifetime cancer risks associated with exposure to potentially carcinogenic chemicals. SFs, which are expressed in units of (mg/kg-day), are multiplied by the estimated intake of a potential carcinogen, in mg/kg-day, to generate an upperbound estimate of the excess lifetime cancer risk associated with exposure to the compound at that intake level. The term "upper bound" reflects the conservative estimate of the risks calculated from the SF. Use of this approach makes the underestimation of the risk highly unlikely. The available SFs for the contaminants of concern are listed in Table 20 and the cancer risk levels are

presented in Table 21.

For known or suspected carcinogens, the USEPA considers excess upper bound individual lifetime cancer risks of between 10^4 to 10^6 to be acceptable. This level indicates that an individual has not greater than a one in ten thousand to one in a million chance of developing cancer as a result of site-related exposure to a carcinogen over a 70-year period under specific exposure conditions at the Site. The cumulative upper bound risk for adults for all carcinogens at the Site is 1.2×10^3 (Cristiana and local residents) under current land use scenario and 2.0 X 10^3 under future land use scenario. The cumulative upper bound risk for children from methylene chloride at the Site under future land use scenario is 1.1×10^3 .

Uncertainties

The procedures and inputs used to assess risks in this evaluation, as in all such assessments, are subject to a wide variety of uncertainties. In general, the main sources of uncertainty include:

- environmental chemistry sampling and analysis
- environmental parameter measurement
- fate and transport modeling
- exposure parameter estimation
- toxicological data

Uncertainty in environmental sampling arises in part from the potentially uneven distribution of chemicals in the media sampled. Consequently, there is significant uncertainty as to the actual levels present. Environmental chemistry analysis uncertainty can stem from several sources including the errors inherent in the analytical methods and characteristics of the matrix being sampled.

Uncertainties in the exposure assessment are related to estimates of how often an individual would actually come in contact with the chemicals of concern, the period of time over which such exposure would occur, and in the models used to estimate the concentrations of the chemicals of concern at the point of exposure.

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Uncertainties in toxicological data occur in extrapolating both from animals to humans and from high to low doses of exposure, as well as from the difficulties in assessing the toxicity of a mixture of chemicals. The uncertainties are addressed by making conservative assumptions concerning risk and exposure parameters throughout the assessment. As a result, the Risk Assessment provides upper bound estimates of the risks to populations near the Site, and is highly unlikely to underestimate actual risks related to the Site.

Actual or threatened releases of hazardous substances from the Site, if not addressed by implementing the response action selected in this ROD, may present an imminent and substantial endangerment to public health, welfare, or the environment.

Environmental Evaluation

A comprehensive and qualitative environmental assessment was performed to compare species diversity and abundance in the Frontera Creek drainages with two control locations.

In general, the Frontera lagoons and the Mandri Canal appear to represent thriving ecosystems as measured quantitatively by species diversity and abundance, with healthy populations of fish, crabs, and water birds compared to control sites. From this perspective, no negative impacts to these ecosystems associated with potential hazardous substance releases to Frontera Creek were detected.

By comparison, Frontera Creek itself is clearly impoverished in the number and diversity of species it supports. However, the general lack of species diversity and abundance in the creek appears to be attributed to the prevailing low or intermittent flow conditions, and more importantly to the very low dissolved oxygen levels recorded in many parts of the creek. Since most, if not all, industrial discharges to Frontera Creek have been stopped for many years, these dissolved oxygen levels are not likely related to industrial discharges. It is possible that the low oxygen levels may be attributed in part to the raw sewage observed flowing into the creek at various times and locations from the observed PRASA broken sewer line and Ciudad Cristiana pump station which was intermittently by-passed allowing sewer flow to enter the creek. The broken sewer line was fixed by PRASA in 1991.

VII. DESCRIPTION OF REMEDIAL ALTERNATIVES

The goal of the remedial action is to prevent the potential impacts caused by exposure to mercury from dermal contact with contaminated sediments and soils within the Technicon facility. This includes two areas in the Technicon ditch totalling approximately 370 cubic yards of sediment and one area at Technicon totalling approximately 180 cubic yards of soil. These are the only areas throughout the Site with mercury concentrations exceeding the cleanup level of 35 ppm of mercury.

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The FS focused on the no-action alternative, excavation-removal alternatives, treatment technologies and a closure alternative for detailed evaluation. Estimated costs and implementation times are summarized here from the FS. The time to implement refers only to the actual construction time and excludes the time needed to design the remedy and negotiate with the Potentially Responsible Parties.

Alternative 1: No Action

CERCLA requires that the "No Action" alternative be considered at every site to provide a baseline of comparison among other alternatives. Under the No Action alternative, the Site conditions would essentially remain unchanged as no remedial action would be implemented. The costs for this alternative are as follows:

Capital Cost:	\$0
Annual O&M:	\$0
Present Worth:	\$0

However, because the Risk Assessment identified an unacceptable current risk under existing conditions for mercury, some remedial action is necessary to reduce the risk.

In accordance with Section 121 of CERCLA, remedial actions that leave hazardous substances at a Site above health-based levels are to be reviewed at least once every five years to assure that the remedial action is protective of human health and the environment. The No Action alternative would have to be reviewed by EPA at least once every five years.

Alternative 2: Limited Action

Under this approach, no remedial action would be taken to remove, reduce, or contain the existing contamination in Technicon soils and sediments. However, measures such as deed and access restrictions would be implemented in the area in an effort to prevent trespassing and minimize future intrusive land uses. In addition, a monitoring program would be implemented to assess changes in conditions over time and warn of threats to human health and the environment. The monitoring program will include soil, sediment and air sampling within the Technicon facility and sediment sampling at Frontera Creek. For this alternative, a five year review would be conducted. The time to obtain deed and access restrictions is 10 months. The costs for this alternative over a 30-year time period are as follows:

Capital Cost:	\$124,000
Annual OEM:	\$ 9,000
Present Worth:	\$209,000

Alternative 3: Excavation, Removal, and Off-Site Disposal without Treatment

Under this alternative, approximately 550 cubic yards of soils and sediments (370 cubic yards from the Technicon ditch and 180 cubic yards from Technicon soils) with concentrations of mercury above 35 ppm would be excavated for off-site disposal. The excavated materials would be dewatered, contained, and transported to a RCRA Subtitle C or D waste facility for disposal. The materials were tested for TCLP toxicity and were found not to be a RCRA characteristic waste. However, some Subtitle D facilities may not accept these materials and therefore Subtitle D and Subtitle C facilities are included in the cost evaluation. If necessary, a staging area would be constructed to provide for temporary storage of containers at the Site.

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Confirmatory soil sampling in the remediated areas would be performed to verify that mercury concentrations in remaining materials did not exceed the remedial objective of 35 ppm. The remediated areas would subsequently be filled and revegetated. The time to implement (excavate and dispose) this alternative is 12 months, not including the time for design. The costs for this alternative are as follows:

	Capital Cost	\$562,000 ¹ t	:0	\$730,000 ²
	Annual O&M:	\$0		
	Present Worth:	\$562,000 ¹ t	:0	\$730,000 ²
1	If disposed of as a	solid waste		
2	If disposed of as a	hazardous waste		

Alternative 4: Excavation, Removal, and Off-Site Disposal with Treatment

This alternative is a variation of the preceding alternative.

All excavated materials would be physically treated with a stabilizing agent in order to convert the waste to a more chemically stable form. Such treatment would occur after shipment to a disposal facility. Although the total volume of the treated matrix would increase, fixation would improve the handling characteristics of the waste and reduce the mobility and toxicity of the mercury. Appropriate confirmatory sampling and closure procedures would be followed under this alternative. The time to implement (excavate, treat and dispose) this alternative is 15 months, not including the time for design. The costs for this alternative are as follows:

Capital Cost: Annual O&M: \$722,000¹ to \$1,013,000² \$0 Present Worth:

 $$722,000^{1}$ to $$1,013,000^{2}$

¹ If disposed of as a solid waste

² If disposed of as a hazardous waste

Alternative 5: Excavation Followed by On-Site Solidification/Fixation and Disposal

This alternative consists of excavation followed by physical fixation and solidification of the contaminated soils and sediments. Such treatment would reduce the potential for erosion and release of mercury from the contaminated materials. More specifically, approximately 550 cubic yards of contaminated materials with mercury concentrations above 35 ppm would be excavated, mixed with a fixation/solidification agent and blended into solid waste blocks. The solid blocks would be disposed of on-site at a designated area. A low permeability soil would be placed on top of the disposal area to minimize infiltration. The disposal and excavated areas would be revegetated to prevent erosion. Land use restrictions would be required for this alternative to preserve the integrity of the designated area and prevent intrusive (construction) activities. For this alternative, a five year review would be conducted. The time to implement (excavate, fix and dispose) this alternative is 16 months, not including time for design. The costs of this alternative are as follows:

Capital Cost:	\$461,000
Annual O&M:	\$0
Present Worth:	\$461,000

Alternative 6: Excavation Followed by On-Site Thermal Treatment and Disposal

This alternative involves the thermal treatment of contaminated soils and sediments. Approximately 550 cubic yards of material with mercury concentrations above 35 ppm would be excavated, dewatered, and fed to a thermal unit designed to apply sufficient heat to volatilize and drive off mercury.

Mercury has a relatively low boiling point (375 C) and most of its compounds decompose into metallic mercury readily upon heating. The mercury vapors would then be condensed, recovered and recycled. There is a range of temperatures at which thermal treatment systems could be operated. At the high end of the range is incineration. Since the mercury materials at the Site are highly adsorbed to the soils and sediments (bound in a matrix configuration) the high end of the range would be the temperature necessary for the mercury to be separated from the materials.

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The optimal operating temperature for the thermal treatment system, as well as the condensation, recovery and recycling processes for the mercury vapors, would be decided during design. Complex technical issues during the design phase relate principally to the condenser operation and off-gas treatment. Wastewater generated from dewatering would be pretreated prior to discharge to a wastewater treatment plant, which would most likely be Technicon's. The residue from the process would be backfilled in the excavated area. A low permeability soil cover would be placed on top and the area revegetated.

Since the source of contamination would be treated and the residuals left on-site would be below health-based levels, no land use restrictions would be necessary. The time to implement (complete excavation and treatment) this alternative is 16 months, not including the time for design. The costs for this alternative are as follows:

Capital Cost:	\$1,540,000
Annual O&M:	\$ 0
Present Worth:	\$1,540,000

Alternative 7: On-Site Closure without Treatment

Under this alternative, the areas with contaminated sediments and soils would be contained via appropriate engineering controls designed to reduce the potential for direct contact with contaminated materials and to minimize infiltration, migration, and erosion of the contaminated media. Under this alternative, the ditch would be diverted around the area with contaminated sediments and vegetation would be removed. This will prevent the migration of contaminated sediments into the creek by surface water erosion.

Upon completion of the above, a geotextile cap (synthetic impermeable fabric) would be installed over the exposed, contaminated materials in the ditch to provide additional bearing capacity and to minimize subsidence and/or settlement. Subsequently, the ditch would be backfilled with a low permeability single layer clay liner approximately two feet in thickness. The cap would be constructed in 6" layers and compacted to 95 percent density to achieve a permeability of 10⁻⁷ cm/sec or less.

In order to mitigate damage to the cap due to wet/dry cycles and to prevent erosion, the cap would be covered with a 6" topsoil layer and revegetated. Adequate drainage controls would be provided along the edges of the cap to collect and direct the surface runoff to Frontera Creek. Similar procedures would be implemented to remediate the Technicon soils. FRO 002 0661

Deed and access restrictions would be implemented in the capped areas to prevent trespassing and minimize future intrusive land uses. The time to implement (complete construction) this alternative is 12 months, not including the time for design. For this alternative, a five year review would be conducted. The costs for this alternative are as follows:

Capital Cost:	\$319,000
Annual O&M:	\$13,000
Present Worth:	\$442,000

VIII. SUMMARY OF THE COMPARATIVE ANALYSIS OF ALTERNATIVES

In accordance with the National Contingency Plan (NCP), a detailed analysis of each alternative was performed. The purpose of the detailed analysis was to objectively assess the alternatives with respect to nine evaluation criteria that encompass statutory requirements and include other gauges of the overall feasibility and acceptability of remedial alternatives. The analysis was comprised of an individual assessment of the alternatives against each criterion and a comparative analysis designed to determine the relative performance of the alternatives and identify major trade-offs, that is, relative advantages and disadvantages, among them.

The nine evaluation criteria against which the alternatives were evaluated are as follows:

<u>Threshold Criteria</u> - The first two criteria <u>must</u> be satisfied in order for an alternative to be eligible for selection.

- 1. Overall Protection of Human Health and the Environment addresses whether a remedy provides adequate protection and describes how risks posed through each pathway are eliminated, reduced, or controlled through treatment, engineering controls, or institutional controls.
- 2. Compliance with Applicable, or Relevant and Appropriate Requirements (ARARs) addresses whether or not a remedial alternative would meet all of the applicable or relevant and appropriate requirements of other Federal and State environmental statutes and/or satisfy the criteria for invoking a waiver as set forth in Section 121(a) of CERCLA.

<u>Primary Balancing Criteria</u> - The next five "primary balancing criteria" are to be used to weigh major trade-offs among the different hazardous waste management strategies.

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3. Long-term Effectiveness and Permanence focuses on any residual risk remaining at the Site after the completion of the remedial action. This analysis includes consideration of the degree of threat posed by the hazardous substances

- 4. Reduction of Toxicity, Mobility, or Volume Through Treatment is the anticipated performance of the treatment technologies a particular remedy may employ.
- 5. Short-term Effectiveness addresses the effects of the alternative during the construction and implementation phase until the remedial response objectives are met. It also considers the time required to implement the remedy.
- 6. Implementability addresses the technical and administrative feasibility of implementing an alternative including the availability of various services and materials required during its implementation.
- 7. Cost includes estimated capital, and operation and maintenance costs, both translated to a present-worth basis. The detailed analysis evaluates and compares the cost of the respective alternatives, but draws no conclusions as to the cost effectiveness of the alternatives. Cost effectiveness is determined in the remedy selection phase, when cost is considered along with the other balancing criteria.

<u>Modifying Criteria</u> - The final two criteria are regarded as "modifying criteria", and are to be taken into account after the above criteria have been evaluated. They are generally to be focused upon after public comment is received.

- 8. State Acceptance reflects the statutory requirement to provide for substantial and meaningful State and Tribal involvement.
- 9. Community Acceptance refers to the community's comments on the remedial alternatives under consideration. Comments received during the public comment period, and the EPA's responses to those comments, are summarized in the Responsiveness Summary which is appended to this ROD.

The following is a summary of the comparison of each alternative's strengths and weaknesses with respect to the nine evaluation criteria.

Overall Protection of Human Health and the Environment

With the exception of Alternative 1 (No Action), and Alternative 2, all alternatives described in this ROD are protective of public health and the environment. Alternative 2 (Limited

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Action) is not likely to protect human health and the environment because institutional controls would not ensure that people would not come in contact with the contaminated soils and sediments. Alternatives 3, 4, 5, 6 and 7 would either eliminate or control the source of contamination at the Site to provide overall protection of human health and the environment. Therefore, Alternatives 1 and 2 will not be discussed further.

Compliance with ARARs

The chemical, action, and location-specific requirements are provided in Table 22. However, because the remedial action is limited to the Technicon ditch and facility, which do not have any sensitive environments within this area, there are no location-specific ARARs for this remedial action. As noted in Table 22, there are no chemical-specific ARARs available for mercury-contaminated soils or sediments. Typically, if such an ARAR were available, it would establish the acceptable maximum concentrations of mercury in soils and sediments.

In cases where chemical-specific ARARs are unavailable, CERCLA requires the completion of a site-specific Risk Assessment to determine concentrations of contaminants in media of concern that would be protective of public health and the environment. Accordingly, a baseline Risk Assessment was performed for the Frontera Creek Site and remedial objectives were established for mercury in soils and sediments. Alternatives 3 through 7 attain the remedial action objective of insuring no exposures to mercury in soils and sediments in excess of 35 ppm.

Potential action-specific ARARs for the various alternatives are also discussed in Section 3 of the Feasibility Study Report. Alternatives 3 and 4, incorporating off-site disposal, would be implemented so as to comply with all applicable RCRA requirements. Alternatives 5, 6, and 7, which include on-site remedial actions, would have to be designed and implemented in accordance with the substantive requirements of any otherwise applicable permits such as for air emissions.

Long-Term Effectiveness and Permanence

Alternatives 3 and 4, which involve the excavation and off-site disposal of contaminated materials, offer the highest degree of long-term effectiveness and permanence by removing the mercury from the Site down to acceptable concentrations. However, the extra long-term effectiveness and permanence that Alternatve 4 would provide is not necessary because disposal in a permitted landfill would be more than adequate. Any potential threats to human health and the environment will be eliminated. These remedial actions would provide for unrestricted land use and <u>no exposure</u> in the area. Under these alternatives, no long-term monitoring would be required.

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Alternative 5 involves the solidification and redeposition of contaminated soils. Although this is an effective treatment for metals, contaminants will remain on site and the time period associated with the long-term effectiveness of this alternative is uncertain since any future intrusive activity in the disposal area may originate a release. Therefore this Alternative has less long-term effectiveness than the full off-site removal or total destruction of all contaminated soils. Alternative 6 uses a treatment technology that is more effective in the long term because the mercury is permanently removed from the soil matrix. Alternative 7, on-site disposal without treatment would not implement any permanent treatment technology and is less effective in the long-term than treatment or off-site disposal in a permitted facility. Alternative 7 requires long-term maintenance of the cap to ensure long-term protection of human health and the environment.

Reduction of Toxicity, Mobility, and Volume Through Treatment

Only Alternative 6 uses a treatment technology. Alternative 3 would reduce the mobility without treatment by removing the contaminated soils from the Site, but would not reduce the toxicity or volume. Alternatives 4 and 5 would reduce the toxicity and mobility but would increase the volume by the addition of a stabilization agent. If the mercury can be effectively removed from the vapor phase, Alternative 6 would best meet the criterion by reducing the toxicity, volume, and mobility. Alternative 7 would only reduce the mobility of the contaminated sediments and soils.

Short-Term Effectiveness

In general, effective alternatives which can be implemented quickly with little risk to human health and the environment are favored under this criterion. All of the alternatives, with the exception of Alternative 6, would take approximately the same amount of time to implement. Alternative 6 would require an extensive treatability study to develop the off-gas treatment to remove the mercury from the gas, thereby increasing the time to design this remedy. Furthermore, the high temperature treatment may increase the short term risks to public health and the environment due to the possible hazard of releasing mercury vapor into the atmosphere. Alternatives 4 and 5 would also require a treatability study during design, but this technology is more proven, thus the time frame would be shorter than for Alternative 6.

Alternatives 3 through 7 include a series of activities that involve excavation, handling, storage, off-site transportation, and/or treatment of contaminated media. Consequently, there is potential for unfavorable short-term health and environmental impacts. However, these impacts can be mitigated by implementing FRO 002 0665

Site specific health and safety plans, including the use of personal protective equipment during implementation. In addition, since Alternatives 3 and 4 involve the off-site transfer and disposal of contaminated media, there would be an increase in traffic in the area. These issues could be adequately mitigated by developing and implementing appropriate contingency procedures.

Implementablity

Alternatives 3 and 4 involve the off-site disposal of contaminated material. These alternatives may pose implementation problems as a permitted Subtitle D or C facility would have to be located to accept the material. The treatment components of Alternatives 4 and 5 use standard technologies and are implementable from an engineering perspective. However, Alternative 5 would pose some implementation problems because the addition of a fixation/solidification agent would increase the volume of the contaminated material to be disposed of at the Site. Alternative 6 is the least implementable alternative because it is uncertain if the mercury can be condensed and recovered due to the low levels of mercury contamination found at the Site.

Cost

These costs are reported on the basis of net present worth so that all alternatives can be compared on the same basis. These cost estimates are intended to provide a range of accuracy to within a +50% to -30% and may change as a result of design and construction modifications. The least costly alternative is Alternative 2, limited action, with a present worth cost of \$209,000. ALternative 7, on-site closure without treatment is the next least costly alternative with a present worth cost of \$442,000. Alternative 6, excavation followed by on-site thermal desorption and disposal is the most costly alternative with a present worth cost of \$1,540,000.

State Acceptance

The Commonwealth of Puerto Rico Environmental Quality Board concurs with the selected remedy.

Community Acceptance

All comments submitted during the public comment period were evaluated and are addressed in the attached Responsiveness Summary. In general, the community did not support the remedy because it did not include a remedial action for the soils located at the Ciudad Cristiana housing development. FRO

IX. DESCRIPTION OF THE SELECTED REMEDY

Based on the results of the RI/FS Reports and after careful consideration of all reasonable alternatives, EPA recommends Alternative 3 as the preferred choice for addressing the contamination of the Technicon soils and sediments. This alternative involves:

- 1) Excavation of 370 cubic yards of mercury-contaminated sediments in the Technicon ditch.
- 2) Excavation of 180 cubic yards of mercury-contaminated soils in the Technicon facility surroundings.
- 3) Dewatering and containment of excavated material.
- 4) Off-site disposal of excavated material at a RCRA Subtitle D or C waste facility.
- 5) Pretreatment of wastewater generated from dewatering and discharge to Technicon's wastewater treatment plant, a local POTW, or an on-Site treatment plant.
- 6) Performance of confirmatory soil sampling in the remediated areas to verify that mercury concentrations in residual onsite materials do not exceed the remedial action objective of 35ppm.
- 7) Regrading and revegetating the remediated areas.

X. STATUTORY DETERMINATIONS

1. Protection of Human Health and the Environment

The selected remedy protects human health and the environment by removing contaminated soils and sediments and eliminating the risk for exposure. This alternative will attain the remedial action objective of insuring no exposures to mercury in soils and sediments in excess of 35 ppm and will comply with all RCRA applicable requirements for off-site disposal.

2. Compliance with Applicable on Relevant and Appropriate Requirements of Environmental Laws

A list of ARARs for the selected remedy is presented in Table 23.

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Since the remedial action is limited to the Technicon ditch and facility, which do not have any sensitive environments within this area, there are no location-specific ARARs for this remedial action. Also, there are no chemical-specific ARARs available for mercury-contaminated soils or sediments. Remedial objectives were established for mercury in soils and sediments based on a site specific Risk Assessment for the Site insuring no exposures to mercury in soils and sediments in excess of 35 ppm.

The off-site disposal will be implemented as to comply with all applicable RCRA requirements.

3. Cost Effectiveness

The selected remedy is cost effective because it has been demonstrated to provide overall effectiveness proportional to its costs. This alternative involves a minimal cost due to the relatively small amount of contaminated soils and sediments needed to be excavated and disposal of.

4. Utilization of Permanent Solutions and Alternative Treatment Technologies to the Maximum Extent Practicable

EPA and the Commonwealth of Puerto Rico have determined that the selected remedy represents the maximum extent to which permanent solutions and treatment technologies can be utilized in a cost effective manner for the remediation of the contaminated soils and sediments at the Technicon facility within the Site. Due to the minimal amount (550 yds³⁾ of contaminated soils and sediments at the Site, treatment technologies such as thermal desorption are impractical because of their very high cost. Furthermore, the condensation operation of mercury off gases resulting from thermal desorption represents a complex technical issue that would require considerable time and effort during the design phase. Solidification and disposal in a permitted landfill would not provide any more protection than disposal in a permitted landfill without solidification. Therefore, it would not be cost effective to provide this type of treatment before disposal.

The critical decisional role was given to the five balancing criteria of "long-term effectiveness and permanence", "short-term effectiveness", "implementability", "cost" and "reduction of toxicity, mobility, or volume." The balancing criteria are summarized below to assess their collective impacts on the remedy selection process. First, the selected remedy offers the highest degree of long-term effectiveness and permanence by removing the mercury from the Site to acceptable concentrations at a relatively minimal cost. Regarding "short-term effectiveness", the selected remedy presents minor problems by increasing traffic in the area, but that can be adequately mitigated by developing and implementing appropriate contingency procedures. Other options such as thermal desorption increase the short-term risks to public health and the environment due to the possible hazard of releasing mercury vapor into the atmosphere. In terms of "implementability", the selected remedy may pose implementation

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problems as a permitted Subtitle D or C facility would have to be located to accept the material. Other options such as thermal desorption is the least implementable, since it is uncertain if the mercury can be condensed and recovered at the low levels of mercury contamination found at the Site. The "reduction of toxicity, mobility or volume" will be achieved to some degree by, without treatment, excavating the contaminated soils and sediments at the Site, therefore eliminating the mobility of the waste.

5. Preference for Treatment as a Principal Element

The selected remedy does not satisfy the statutory preference for treatment because it is impractical to do so and not cost effective.

Implementation of treatment technologies such as thermal treatment to treat a minimal amount of the Site waste material (550 yds³) contaminated with mercury at relatively low concentrations is not cost effective. Furthermore, thermal treatment of mercury contaminated wastes at the Site is impractical, since it may generate incomplete combustion products that are difficult to assess and control, therefore posing a risk to residents and workers in close proximity to the Site. Treatment by solidification and then disposal in a permitted landfill would not provide additional protectiveness and would not be cost effective.

APPENDIX A



FIGURE 1

FIGURE 2



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FIGURE 3

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APPENDIX B

TABLE 1

Mercury Data for Technicon Soil Sampling Program

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Dynamac Number	ETC Number	Date	Total N Qual	<u>lercury</u> Value	Inorgani Qual	<u>c Mercury</u> Value	MDL
ISTECH01A	BE6187	880616		160		108	80
ISTECH01B	BE6127	880616	ND	0	BMDL	48	80
ISTECH01C	BE6128	880616	ND	0	BMDL	48	80
ISTECH02A	BE6179	880615		5600	н 1. т. н	7000	80
ISTECH02B	BE6106	880615		5900		2640	80
ISTECH02C	BE6107	880615		1720		812	80
ISTECH03A	BE6180	880615	•	420		423	80
ISTECH03B	BE6108	880615	BMDL	77	BMDL	76	80
ISTECH03C	BE6109	880615		92	ND	0	80
ISTECH04A	BE6181	880615		1400		591	80
ISTECH04B	BE6111	880615		1160			80
ISTECH04C	BE6112	880615		1430			80
ISTECH05A	BE6183	880615		9700			80
ISTECH06A	BE6182	880615		535000	н 1. •		80
ISTECH07A	BE6185	880616		260			80
ISTECH08A	BE6184	880615		110		120	80
ISTECH08B	,BE6125	880615	ND	0			80
ISTECH08C	BE6126	880615	ND	0			80
ISTECH09A	BE6115	880615		1150			80
ISTECH10A	BE6116	880615		2900			80
ISTECH11A	BE6117	880615		18300			80
ISTECH12A	BE6121	880615		583			80
ISTECH13A	BE6122	880615		284			80
ISTECH14A	BE6123	880615		827			80
ISTECH15A	BE6124	880615		30600	• • .		80
ISTECH16A	BE6113	880615		17400			80
ISTECH17A	BE6129	880616		104			80

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			Total M	ermity	Inorganic Mercury		
Dynamac Number	EIC Number	Date	Qual	Value	Qual Value	MDL	
		000616		135		80	
ISTECH18A	BE0130	010088		100		80	
ISTECH19A	BE6131	880616	BWDL	02	•	- <u>80</u>	
ISTECH20A	BE6132	880616	BMDL	69		00	
ISTECHA07	BF6186	880616		220		80	
13 TECHAO	DECIDE	990615		21400		80	
ISTECHA10	BE0114	000015		E160	1320	80	
ISTECHB02	BE6110	880615		5450	1520		

Note: Sample numbers ending with an "A" are 0" to 6" samples. Sample numbers ending with a "B" are 6" to 18" samples. Sample numbers ending with a "C" are 18" to 36" samples.

Dynamac	ETC	Dette	Total Mercury		Inorganic Mercury			
Number	Number	Date	Qual	value	Quar	value	MDL	
Technicon Ditch								
						•		
TDSEDCL01A	BE1879	8 80509		3780		2610	80	
TDSEDCL02A	BE1711	8 80506		15380			80	
TDSEDCL02B	BE1712	8 805 06		132			80 °	
TDSEDCL03A	BE1713	880506		908			80	
TDSEDCL04A	BE1761	880506	•	2420	•	18700	80	
TDSEDCL04B	BE1762	880506		141		110	80	
TDSEDCL05A	BE1714	880506		33280	•		80	
TDSEDCL06A	BE1716	880509		43320			80	
TDSEDCL06B	BE1717	880509		384			80	
TDSEDCL07A	BE1718	880509		404			80	
TDSEDCL08A	BE1763	880509		141		3530	80	
TDSEDCL08B	· BE1765	880509		924		187	80	
TDSEDCL09A	BE1719	880509		26760			80	
TDSEDCL10A	BE1720	880509		447			80	
TDSEDCL10B	BE1721	880509		238			80	
TDSEDCL11A	BE1722	880509		483			80	
TDSEDCL12A	BE1766	880509		706		154	80	
TDSEDCL12B	BE1767	880509		107		188	80	
TDSEDCL13A	BE1723	880509		277			80	
TDSEDCL14A	BE1725	880510		109			80	
TDSEDCL15A	BE1726	880510		181			80	
TDSEDCL15B	BE1727	880510	BMDL	60			80	
TDSEDCL16A	BE1880	880510		197		158	80	
TDSEDCL16B	BE1728	880510	BMDL	55			80	
TDSEDCLA05	BE1715	8 805 06		23660			80	
TDSEDCLA08	BE1764	880509		794		4480	80	
TDSEDCLA13	BE1724	8805 09		265			80	
TDSEDCLA16	BE1881	880510	• .	176		149	80	

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Mercury Data for the Technicon Ditch Sediment Sampling Program
TABLE 2

Dynamac Number	ETC Number	Date	<u>Total Me</u> Qual	Value	Inorgan Qual	ic Mercury Value	MDL
Sediment Transe	ct A					•	
SEDTRANA1A	BE3877	8 80519		240		•	80
SEDTRANA1B	BE3878	880519	BMDL	76			80
SEDTREPAIB	BE3879	880519		89			80
SEDTRANA2A	BE3875	880519		183			80
SEDTRANA2B	BE3876	880519	ND	0		•	80
SEDTRANA3A	BE1855	880519		383			80
SEDTRANA3B	BE1856	8 80519		133		•	80
SEDTRANA4A	BE1853	880519		267		•	80
SEDTRANA4B	BE1854	8 80519		122			80
SEDTRANA5A	BE1851	8 8051 9		166			80
SEDTRANA5B	BE1852	8 80519	ND	0			80
Sediment Transe	ct B			• • • • •			
SEDTRANB1A	BE1840	880519		932			80
SEDTRANB1B	BE1841	880519		178			80
SEDTRANB2A	BE1842	880519		328	•		80
SEDTRANB2B	BE1843	8 80519		146			80
SEDTRANB3A	BE1844	880519		11200			80
SEDTRANB3B	BE1845	8 80 5 1 9		1680			80
SEDTRANB4A	BE1846	880519		199			80
SEDTREPB4A	BE1847	880519		229			80
SEDTRANB4B	BE1848	880519	ND	0			80
SEDTRANB5A	BE1849	8 80519		1320	•		80
SEDTRANB5B	BE1850	8 80519	BMDL	74			80

TABLE 2

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Dynamac Number	ETC Number	Date	Total M	Value	Inorga	nic Mercury Value	MDI
		1 310					
Sediment Transe	<u>ल C</u>						
SEDTRANCIA	BE1838	8 80518		293			80
SEDTRANC1B	BE1839	8 8051 8		91			80
SEDTRANC2A	BE1836	880518		52100			80
SEDTRANC2B	BE1837	880518		4020			80
SEDTRANC3A	BE1834	8 8051 8		38700			80
SEDTRANC3B	BE1835	8 8051 8		64100			80
SEDTRANC4A	BE1832	880518		4720			80
SEDTRANC4B	BE1833	88051 8		113			80
SEDTRANC5A	BE1830	880518		230			80
SEDTRANC5B	BE1831	8 8051 8	BMDL	49			80
Sediment Transe	<u>ct D</u> BE1816	880517		1430			80
EDTRANDIA	BE1818	880517		1930			80 80
EDTREPDIR	BE1817	880517		08			80
EDTRAND2A	BE1017	880517		7260			80
EDTRAND28	BE1815	880517		20400			80
EDTRAND3A	BE1812	880517		88500			80
EDTRAND3B	BE1813	880517		100			80
EDTRAND4A	BE1811	880517		7760			80
EDTRAND4B	BE1810	880517		7402			80
EDTRAND5A	BE1808	880517		1730			80
EDTRANDSB	BE1809	880517		128			80
ediment Transe	ct E						
EDTRANE1A	BE1755	8 8051 7		97			80
EDTRANE1B	BE1795	8 80517		147			80
EDTRANE2A	BE1796	880517		114			80
	DE1709	000517		112			00

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Dynamac Number	ETC Number	Date	Tota! M Qual	ercury Value	Inorga Qual	nic Mercury Value	MDL
Sediment Transe	ct E (cont	inued)					
SEDTRANE3A	BE1799	8 80517		153	•		80
SEDTRANE4A	BE1800	880517		169			80
SEDTRANE4B	BE1804	8 80517	BMDL	57		· ·	80
SEDŢRANE5A	BE1805	880517		269	•		8 0
SEDTRANE5B	BE1807	880517	· •	836			80
Sediment Transe	ct F						
SEDTRANF1A	BE1819	8 80518		1520			80
SEDTRANF1B	BE1820	880518		120			80
SEDTRANF2A	BE1821	880518		1000			80
SEDTRANF2B	BE1822	8 8051 8		100	· •		80
SEDTRANF3A	BE1823	880518		960			80
SEDTRANF3B	BE1824	880518		960		•	80
SEDTRANF4A	BE1827	880518		580			80
SEDTRANF4B	BE1826	8 8051 8		113		· · · · ·	80
SEDTREPF4B	BE1825	880518		150			80
SEDTRANF5A	BE1828	880518		330			80
SEDTRANF5B	BE1829	880518	•	230			80

Note: Samples ending with an "A" are 0" to 12" sediment samples. Samples ending with a "B" are 12" to 24" sediment samples.

Nercury Data Summary for Cristiana and Background Surface Soil Samples (MDL = 80; values in ug/kg)

Parameter/Sample Pr	rogram N	N>0	N>MDL	Min	Max	λvg*
Total Mercury - Civ	ded Cristi	17 4 -				
ccss	135	128	75	Ο	312	91
TB Surf	12	9	9	D	836	148
Total	147	137	84	0	836	96
Total Nercury - Bad	rkground					
CCSSBG (M)	14	11	1	o	80	48
TBBG Surf	5	5	0	BMDL	BMDL	53
ISBG Surf	13	13	2 -	BMDL	150	67
Total	32	29	3	орона О рона 1947 г.	150	57
Inorganic Mercury -	- Ciudad Cri	stian	8		•	
CCSS	49	38	15	0	279	64
TB Surf	13	6	5	0	717	94
Total	62	44	20	0	717	70
Inorganic Kercury -	Background	1				
CCSSBG(H)	6	3	0	0	BHDL	25
TBBG Surf	5	. 3	2 1	0	106	39
ISBG Surf	6	5	0	0	BHDL	55
Total	17	11	1	0	106	

CCSS		Ciudad Cristiana Surface Soil
TB Surf	-	Test Boring Surface Soil
CCSSBG(M)	-	Ciudad Cristiana Surface Soil Background
TBBG Surf	-	Test Boring Background Surface Soil
ISBG Surf	-	Industrial Soil Background Surface Soil

* Where values are shown as BMDL (below method detection limit) or ND (not detected), averages are calculated based on estimated concentrations which are below quantitation limits.

Nercury Data Summary for Cristiana and Background Subsurface Soil Samples (MDL = 80; values in ug/kg)

Parameter/Sample Program	N	N>0	N>MDL	Nin	Max	λvg
Total Mercury - Ciudad Cr	ristia	ла	•			
TB Subsurf	71	21	5	Ο	236	23
Total Nercury - Backgroun	nđ .		•			
TBBG Subsurf	30	14	. 2	0	109	74
ISBG Subsurf	9	- 7	1	õ	95	47
Total	39	26	3	0	109	37
Inorganic Nercury - Ciuda	d Cri	stiana	 I			
TB Subsurf	71	8	2	0	182	9
Thereastic Korowry - Packa			•	•		
Inorganic Refeaty - Daily	104/14		· · · · · ·	•		
TBBG Subsurf	30	9	5	0	261	32
ISBG Subsurf	5	- 4	. 1 1 .	0	90	54
Total	35	13	6	0	261	35

TBBG Subsurf - Test Boring Subsurface Soil ISBG Subsurf - Industrial Soil Background Subsurface Soil

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HEL Data Summary for Ciudad Cristiana Subsurface Soil Samples (NDL = 80; values in ug/kg)

Sample Program: Test Boring Subsurface Soil (TB Subsurf)

Parameter/Sample Progr	am N	N>0	N>MDI	L Min	Max	Avg*
					• •	
Volatile Organic Compo	unds				· · ·	
ACETONE	11 -	11	11	26.	2 247	94.8
METHYL BTHYL KETONE	11	2	2	· · · · · · · · · · · · · · · · · · ·	45	33
METHYLENE CHLORIDE	11	9	9 .	0	44.4	20.9
Acid Extractables						
2-CHLOROPHENOL	9	1	0	0	BMDL	90.4
PHENOL	9	1	0	0	BMDL	87.3
RCRA Netals						- •
ARSENIC	9	8	0	0	BMDL	417
BARIUN	9	9	9	74,100	402,000	144,072
CADHIUM	9	4	0	0	BMDL	96
CHROHIUN	9	9	8	BMDL	9,600	5,328
<i><u>OPPER</u></i>	9	9	9	13,000	39,000	26,278
LEAD	9	8	8	0	4,700	2,431
SELENIUN	9	3.	0	• 0	ND	133
SILVER	9	2	0	0	BMDL	405
ZĮNC	9	9	9	19,000	83,000	46,667
Other/Miscellaneous Con	npounds					
ALUHINUM	9	9	9	5,570,000	25,800,000	14,790,000
BERYLLIUM	9	8	8	0	400	226
LALCIUN	9	9	9	1,200,000	3,480,000	2,132,222
OBALT	9	9	6	BMDL	19,000	10,728
TYANIDE	5.9	9	2	< 500	9,200	1,194
IRON	9	9	9	10,100,000	33,000,000	22,025,555
AGNESIUM	9	9	9	1,190,000	13,400,000	5,222,778
ANGANESE	9	9	9	74,700	2,410,000	749,144
HICKEL	9	9	6	BMDL	3,800	2,511
OTASSIUM	9	.9	9	90,000	430,000	212,222
SODIUN	9	9	9	210,000	1,500,000	617,778
SULFATE (AS SO4)	1	1	1	92.	8 92.8	92.8
HALLIUN	9	8	0	0	ND ND	91
VANADIUH	9	9	9.,	46,000	80,000	67,056
SOLID	71	71	. •	68	93.7	83.8

 Based on all samples with a concentration or estimated concentration greater than zero. Includes samples which are listed as BMDL (below method detection limit) or ND (not detected). FRO

Mercury Data Summary for Groundwater Samples (MDL = 0.2; values in ug/1)

Parameter/Sample Program	X	N>0	N>MDL	Min	Hax	Avg*
TOTAL MERCURY						
GW Ciudad Cristiana	12	4	3	0	0.33	0.09
GW Industries	5	Ó	0	0	0	0
GW Background	2	0	O	0	0	0
INORGANIC MERCURY						
GW Ciudad Cristiana	12	10	5	0	0.5	0.21
GW Industries	5	0	0	0	0	0
GW Background	2	1	0	0	BMDL	0.07

Where values are shown as BMDL (Below Method Detection Limit) or ND (Not Detected), averages are calculated based on estimated concentrations which are below quantitation limits.

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Nercury Data Summary for Potable Water Samples (NDL = 0.2; values in ug/1)

Parimeter/Sample Program	N	N>0	N>HDL	Min	Xax	λνα
TOTAL MERCURY						
PW	2	0	0	0	0	0
INORGANIC MERCURY			e E			
PW	1	0	0	0	0	Ö

ESL Data Summary for Potable Water Samples (values in ug/1)

Parameter/Sample Program	N	N>0	N>HDL	Min	Kax	Avg*
Sample Program: PW						
Volatile Organic Compound	18					
CHLOROPORN	2	2	2	67.9	69.6	68.8
DICHLOROBROHOMETHANE	2	2	2	12.9	15.4	14.2
RCRA Netals					•	•
ARSENIC	2	2	о О	ND	ND	0.32
BARIUM	2	2	2	14	19	16.5
CADHIUN	2	1	0	· 0	ND	0.38
CHRONIUM	2	1	0	` O	ND	2.4
COPPER	2	2	2	15	20	18
LEAD	2	2	0	BMDL	BMDL	2.4
SILVER	2	1	0	0	• ND	0.74
ZINC	2	2	2	BMDL	BMDL	9.8
Other/Miscellaneous Compo	งบกฮิธ		•			
ALUMINUH	2	2	2	720	790	755
BERYLLIUM	2	1	0	0	ND	0.99
CALCIUM	2	2	2	19,200	22,300	20,750
COBALT	2	2	0	BMDL	BMDL	4.5
CYANIDE	2	2	0	<50	<50	<50
IRON	2	2	2	250	1,300	775
MAGNESIUN	2	2	2	3,600	4,000	3,800
KANGANESE	2	2	2	23	45	34
NICKEL	2	2	0	ND	ND	1.6
POTASSIUN	2	2	2	1,100	1,300	1,200
SODIUN	2	2	2	10,000	11,000	10,500
VANADIUN	2	2	0	ND	BMDL	2.85

* Based on all samples with a concentration or estimated concentration greater than zero. Includes samples which are listed as BMDL (below method detection limit) or ND (not detected).

EEL Data Summary for Surface Water Samples (values in ug/l)

Parameter/Sample Program	N	N>0	N>HDL	Min	Nex	Avg*
Volatile Organic Compound	ta					
ACETONE						
SW Upgradient	3	2	2	0	184	135.6
SW Midstream	6	6	6	34.83	2,870	751
SW Downstream	6	5	5	0	189	76.9
SW Frontera Lagoons	4	1	1	0	8.74	8.74
SW Technicon Ditch	1	1	1	41.4	41.4	41.4
Total	20	15	15	0	2,870	347.5
BENZENB						
SW Downstream	6	6	0	0	BMDL	2.65
CARBON DISULFIDE	-		·			_
SW Midstream	-6	1	0.	BHDL	1.43	1.43
SW Downstream	6	4	1	1.85	4.33	2.75
SW Total	12	5	1	1.43	4.33	2.48
CHLOROPORM						
SW Downstream	6	2	0	0	BMDL	2.24
1,1 DICHLOROETHANE						•
SW Midstream	6	1	,1	· 0	17.4	17.4
SW Downstream	6	1	0	0	BMDL	3.71
Total	12	2	1	0	17.4	10.56
ETHYLBENZENE	· _					
SW Hidstream	.6	2	1	0	BMDL	72.55
SW Downstream	6	4	1	0	6.91	2.64
Total	12	6	2	0	BMDL	25.94
METHYL ETHYL KETONE		·.		_		
SW Upgradient	3	2	2	0	5.89	5.29
SW Midstream	6	1	1		21.4	21.4
SW Downstream	6	3	3	0	20.2	12.93
Total	15	6	6	0	21.4	11.79
METHYLENE CHLORIDE			•	•	:	_
SW Upgradient	3	Z	U I	Ū	BMDL	3.46
SW Kidstream	6	3	3	0	1,890	656.5
SW Downstream	b b	1	0	0	BNDL	3.99
SW Fronters Lagoons	•	چ •		U	14.0	7.44
SW TECHNICON DITCH	20	10		BRUL	1 990	2.47
TOTAL	20	10	5	U	7,840	200.52

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Nercury Data Summary for Surface Water Samples (MDL = 0.2; values im ug/1)

		N:50	NNNDT	N/ -		13. m. m. M
Parameter/Sample Program		8.20	NZRUL	Aln	nax	Avg.
TOTAL MERCURY			•.		· · · · ·	
SW Upgradient	3	• •	0	0	0	0
SW Midstream	6	3	3	0	0.43	0.16
SW Downstream	6	2	0	0	BMDL	0.05
SW Frontera Lagoons	4	0	0	0	0	0
SW Technicon Ditch	1	. 1	1 . 1	BMDL	BMDL	0.14
Total	20	6	4	0	0.43	0.07
INORGANIC MERCURY					•	
SW Upgradient	3	0	0	0	0	0
SW Midstream	6	2	2	0	0.43	0.12
SW Downstream	6	2	2	0	1.2	0.24
SW Frontera Lagoons	4	0	0	0	0	0
SW Technicon Ditch	1	1	1	3	3	3
Total	20	5	5	0	3	0.26

Where values are shown as BMDL (Below Method Detection Limit) or ND (Not Detected), averages are calculated based on estimated concentrations which are below quantitation limits.

Parameter/Sample Program	N	X> 0	N>MDL		Xas	. Ava*
Volatile Organic Compound	s (co.	ntinue	d)			
METHYL-ISO-BUTYL KETONE						
SW Midstream	6		2	2	0	4,650 3,120
SW Downstream	6		4	4	0	220 67.54
Total	12		6	6	0	4,650 1,085.03
H-XYLENE						
SW Midstream	6		2	1	0	185 145.5
SW Downstream	6		- 4	2	0	21.2 7.75
Total	12		6	3	0	185 53.67
O+P-XYLENES			•			
SW Midstream	- 6		2	1	0	BMDL 102.1
SW Downstream	6		4	1	0	11.3 4.05
Total	12		6	2	0	BMDL 36.73
TOLUENE					· ·	
SW Upgradient	3		3	0	BMDL	BMDL 2.13
SW Midstream	6		1	1	0	15.9 15.9
SW Downstream	6		6	4	0	19.5 10.29
SW Technicon Ditch	1		1	1	5.64	5.64 5.64
Total	16		11	6	0	19.5 8.15
1,1,1-TRICHLOROETHANE						
SW Hidstream	6	· · ·	1	0	0	BMDL 3.14
Base/Neutral Extractable (Compoi	unds				
BIS (2-ETHYLHEXYL) PHTHALAT	B					
SW Midstream	6		2	0	. 0	BMDL 2.81
SW Downstream	6		1	0	0	BMDL 4.45
Total	12		3	0	0	BMDL 3.36
DI-N-OCTYL PHTHALATE						
SW Midstream	6		2	0	0	BMDL 5.14
SW Downstream	6		4	0	• •	BMDL 4.17
SW Frontera Lagoons	4		4	0	BMDL	BMDL 3.57
Total	16		9	0	0	BMDL 4.01
ISOPHORONE						
SW Midstream	6		2	0	0.0	BHDL 4.44
SW Downstream	6		5	0	0	BMDL 14.71
Total	12		7	0	0	BMDL 11.77

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Parameter/Sample Program	N	N>0	NZMDL	Min	Max	Avg*
Acid Extractable Compound						
BENZOIC ACID					· ·	
SW Downstream	6	2	1	0	66	34.36
4-METHYLPHENOL						
SW Midstream	6	1	0	0	BMDL	2.99
PHENOL						
SW Downstream	6	2	0	0	BNDL	12.29
RCRA Notals						
ARSENIC				•		
SW Upgradient	3	3	0	BMDL	BMDL	5.6
SW Midstream	6	6	1	BMDL	9.31	6.52
SW Downstream	6	6	0	ND	BMDL	2.14
SW Frontera Lagoons	4	4	0	BHDL	BMDL	4.2
SW Technicon Ditch	1	1	D	ND	ND	0.58
Total	20	20	1	ND	9.39	4.31
BARIUM	-		_			
SW Upgradient	3	3	3	56	133	96.7
SW Midstream	6	6	6	75	226	122.9
SW Downstream	6	6	6	61	105	83.5
SW Frontera Lagoons	4	4	4	120	145	130
SW Technicon Ditch	1	1	1	32	32	32
Total	20	20	20	32	220	104.5
CADMIUN	_					
SW Upgradient	3	2	0	0	ND	0.135
SW Midstream	6	6	0	ND	ND	0.324
SW Downstream	6	4	0	0	BMDL	0.670
Sw Frontera Lagoons Total	19	15	0	ND	BNDL	0.345
CHROMIUM	•	•	•			3 3 9
SW Upgradient	3	3 E	0	ND	NU DA E	3.3/
SW Aldstream	0 6	6	1	ND	39.0	7.4/ 10 RA
SW Downstream	4	1	<u> </u>	0	ND.	2 7
Total	19	16	2	ŏ	41	8.48
CUPPER CN Research ast	2	•	•	BVDT	BVD1	· .
en Addemore	J	3	1	BUDL	91 E	3.43
SW Downstream	~	0 A	1	0 0	21.7 200	7.00 7.4 1
SW Fronters Lancons	Ă	A	0	ND.	BMDT.	79+4 3.18
SW Technicon Ditch	-	-	-			
	1	1	0	BMDL	BNDL.	6.8

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Parameter/Sample Program	N	N>0	N>HDL	Min	Max	λvg*
RCRA Hetals (continued)						
LEAD						
SW Upgradient	3	3	0	BMDL	BMDL	2.87
SW Midstream	6	6	1	BHDL	14.45	3.71
SW Downstream	6	5	1	0	18	4.68
SW Technicon Ditch	1	1	0	ND	ND .	0.99
Total	16	15	2	0	18	3.68
SELENIUM						•
SW Downstream	6	2	0	0	ND	0.49
SW Frontera Lagoons	4	1	0	0	ND	0.9
Total	10	3	0	0	ND	0.63
SILVER						
SW Midstream	6	1	0	0	ND	0.02
SW Downstream	6	1	0	0	BMDL	3.1
SW Frontera Lagoons	4	2	0	0	ND	0.02
Total	16	4		0	BHDL	0.79
ZINC						
SW Upgradient	3	3	3	22	140	66.3
SW Hidstream	6	6	6	29	190	69.3
SW Downstream	6	6	5	BMDL	3,560	763
SW Frontera Lagoons	4 2	4	0	ND	BMDL	5.6
SW Technicon Ditch	1	1	1	52	52	52
Total	20	20	15	ND	3,560	263
Other/Miscellaneous Compo	ounds					
ALUKINUM						
SW Upgradient	3	3	3	160	970	587
SW Midstream	6	6	6	98	3,275	767
SW Downstream	6	6	6	50.5	840	270
SW Frontera Lagoons	4	4	4	100	290	173
SW Technicon Ditch	1	1	1	260	260	260
Total	20	20	20	50.5	3,275	447
ANTIHONY		c.				
SW Upgradient	3	3	0	ND	ND	1.13
SW Midstream	6	4	Ο.	0	ND	0.9
SW Downstream	6	2	0	0	BMDL	2.45
SW Frontera Lagoons	4	.4	0	BHDL	BMDL	2.18
Total	19	13	U	0	BMDL	1.6

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Parameter/Sample Progr	am X.	2~14	N>HDL	Min	Xax	۸vg+
Other/Miscellaneous Co	mpounds	(conti	nued)			
RPRYLLTIM						
SW Upgradient	1	2	0	ND	ND.	0.061
SH Vyyradione SW Widstroim		 	o o o	ND	EXDT	0.001
SW Downstream	6	5	0	ND	BIDT.	0.1003
SW Fronters Lacoone		A C	Ň	NT	NT)	0.0007
SW Technicon Ditch	1	1	õ .	ND	ND	0.0073
Total	20	20		ND	BHDL	0.0931
CALCIUM						
SW Upgradiest	3	.3	3	24,200	26,100	25,233
SW Midstream	6	6	6	24,600	31,500	27,317
SW Downstream	6	6	6	37,800	44.400	40,067
SW Frontera Lagoons	4	4	4	11,000	42.700	33,325
SW Technicon Ditch	1	1	1	13,000	13,000	13.000
Total	20	20	20	11,000	44,400	31,315
OBALT				•		
SW Upgradient	3	3	0	ND	BMDL	3.933
W Widetream	6	6	0	ND	BMDL	4.45
W Downstream	6	6	0	ND	BHDL	4.42
W Bronters Tacons	. 4	2	0	0	BKDI.	4.25
SW Technicon Ditch		1.	õ	NT	NTO	1.3
Total	20	18	0	0	BHDL	4.8
CYANIDE						
SW Upgradient	3	3	0	< 50	< 50	< 50
SW Midstream	6	6	Ō	< 50	< 50	< 50
SW Downstream	6	6	0	< 50	< 50	< 50
SW Frontera Lacoons	4	4	0	< 50	< 50	< 50
SW Technicon Ditch	1	1	0	< 50	< 50	< 50
Total	20	20	0	< 50	< 50	< 50
IRON	. •					
5W Upgradient	3	3	3	2,500	5,700	4,500
SW Midstream	6	6	6	1,100	14,650	5,842
SW Downstream	6	6	6	220	3,700	1,098
SW Frontera Lagoons	4	4	4	270	670	403
SW Technicon Ditch	1	1	1	2,100	2,100	2,100
Total	20	20	20	210	20,100	2,943
AGNESIUM						
SW Upgradient	3	3	- 3	6,270	7,260	6,887
SW Midstream	6	6	6	6,690	8,040	7,472
SW Downstream	6	6	6	10,100	12,900	11,467
SW Frontera Lagoons	4 2	4	4	89,100	170,000	140,525
SW Technicon Ditch	1	1	1	2,400	2,400	2,400
Total	20	20	20	2.400	170,100	34.940

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Parameter/Sample Program	X	N>0	N>MDL	Nin	Xax	Avg*
Other/Miscellaneous Compo	ounds	(conti	inued)	•		
MANGANESE						
SW Upgradient	3	3	3	1.110	3,300	2.260
SW Midstream	6	6	6	2,250	4,840	3,808
SW Downstream	6	6	6	190	1.340	632
SW Frontera Lagoons	4	4	4	230	660	383
SW Technicon Ditch	1.	1	1	520	520	520
Total	20	20	20	190	4,840	1,773
NICKEL			•			
SW Upgradient	3	1	0	0	ND	0.04
SW Midstream	6	3	1	0	33.1	11.98
SW Downstream	5	5	1	ND	27	6.53
Total	14	9	2	0	33.1	7.629
POTASSIUM						
SW Upgradient	3	3	3	2,100	5,600	4,167
SW Midstream	. 6	6	6	4,100	5,700	4,792
SW Downstream	6	6	6	2,600	112,000	36,417
SW Frontera Lagoons	4	4	. 4	25,900	47,800	40,000
SW Technicon Ditch	1	1	1	1,000	1,000	1,000
Total	20	20	20	1,000	112,000	11,200
SODIUN						
SW Upgradient	3	3	3	23,800	45,900	34,500
SW Midstream	6	6	6	35,500	80,800	50,250
SW Downstream	5	5	5	53,700	678,500	521,040
SW Frontera Lagoons	4	4	4	791,000	1,430,000	1,180,250
SW Technicon Ditch	1	1	1	20,100	20,100	20,100
Total	19	19	19	20,100	1,430,000	407,963
THALLIUN	_	-		· · · · ·		
SW Upgradient	3	1	0	0	BHDL	2.4
SW Midstream	6	1	0	0	ND	0.77
SW Downstream	6	5	0	0	ND	0.766
SW Frontera Lagoons	4	4	0	ND	BMDL	1.047
SW Technicon Ditch	1	1	. 0 .	ND	ND	0.41
Total	20	12	O	0	BMDL	0.967
VANADION	•	•	•			.
Sw upgradient	5	2	0		BMDL	2.95
SW MIGSTFEAM	D	2	1		24.4	6.29
	D	4		U	BHDL	3.39
SH FIGDLEFA LAGOONS Tatal	10	4		ND	BMDL	3.6
IOTAL	TA	73	Ŧ	U	24.45	4.53

Based on all samples with a concentration or estimated concentration greater than zero. Includes samples which are listed as BMDL (below method detection limit) or ND (not detected).

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TABLE 10

TABLE 11-1

Nercury Data Summary for On-site and Background Sediment Samples (NDL = 80; values in ug/kg)

Parameter/Sample Program	B N	N>0	N>HDL	Min	Kax	λ νg1
Total Hercury - On-site	(0-12)	•				
FCSED, Midstream	25	23	17	0	2,900	505
FCSED, Downstream	31	29	24	0	1,508	330
FLSED	23	21	21	0	330	153
SDSED	8	8	8	89	4,020	744
TDSED	. 19	19	19	109	43,320	6,668
SEDTRAN	30	30	30	97	88,500	7,436
hosed	2	0	0	0	0	0
DREDGE	6	5	3	0	119	73
Total	144	135	132	0	88,500	2,657
Total Nercury - Backgrou	ın d (0-	-12•)				
BGSED	8	4	2	0	134	39
PCSED, Upstream	7	7	6	BMDL	121	91
Total	15	11	8	0	134	63
Inorganic Nercury - On-1	jit⊖ (C)-12")				
PCSED, Hidstream	9	8	7	0	1,030	416
PCSED, Downstream	10	8	8	0	553	169
LSED	6	5	4	0	153	90
SDSED	4	4	3	BHDL	2,000	596
TDSED	5	5	5	154	18,700	5,125
ICSED	2	0	0	0	0	· 0
DREDGE	6	2	2	0	89	30
fotal	42	32	29	0	18,700	813
Inorganic Nercury - Back	ground	(0-12	•)			
BGSED	4	0	0	0	O	0
CSED, Upstream	3	1	0	0	BNDL	24
lotal -	7	1	0	0	BMDL	10

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Parameter/Sample Program	X	N>0	N>MDL	Min	Max	۸vg
Total Nercury - On-site (12-24	•)				
FCSED, Midstream	13	11	6	0	959	195
FCSED, Downstream	14	12	9	0 0 °	2,020	373
FLSED	10	9	7	0	313	118
SDSED	4	14	4	80	93	85
TDSED	11	10	7	0	924	202
SEDTRAN	29	26	23	0	64,100	3,505
MCSED	2	0	0	0	0	0
Total	83	72	56	0	64,100	1,363
Total Nercury - Backgroun	d (12-	-24•)	•			
BGSED	3	3	0	BMDL	BMDL	52
PCSED, Upstream	3	3	3	83	114	95
Total	6	6	3	ND	114	. 74
Inorganic Nercury - On-si	te (12	2-24•)) .		•	•
PCSED, Midstream	5	3	2	0	597	250
PCSED, Downstream	5	2	2	0	1,149	287
FLSED	2	2	1	BMDL	111	93
SDSED	2	1	0	0	BMDL	28
TDSED	3	- 3	3	110	188	162
HCSED	2	0	0	.0	0	0
Total	19	11	8	0	1,149	179
Inorganic Mercury - Backg	round	(12-2	4•)			
BGSED	1	0	0	0	D	0
PCSED, Upstream	1	0	0	0	0	0
Total	1	. 0	0	0	0	. 0
BGSED - Background Lo	cation	s Sed	iment			
REDGE - Dredge Spoils						
CSED - Frontera Creel	k Sedi	ment				
LSED - Frontera lagoo	ons Se	dimen	t			
SCSED - Mandri Canal S	Sedime	int				
DSED - Squibb Ditch S	Sedime	nt				
SEDTRAN - Sediment Trans	sect S	tudy				

- Technicon Ditch Sediment (includes Technicon Tributaries (TDTRIB)

Where values are shown as BMDL (Below Method Detection Limit) or ND (Not

Detected), averages are calculated based on estimated concentrations which

TDSED

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for this table)

are below quantitation limits.

TABLE 11-1

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TABLE 11-2

Nercury Data Summary for Frontera Lagoons Sediment Samples (NDL = 80; values in ug/kg)

					•	
Parameter/Sample Program	N	N>0	N>MDL	Min	Kax	۸vg*
Total Nercury (0-12°)						
FLSED, North Lagoon	11	10	10	0	330	159
FLSED, Southeast Lagoon	3	-2	2	0	115	76
FLSED, Southwest Lagoon	9	9	9	85	243	170
Total	23	21	21	0	330	153
Inorganic Kercury (0-12*)	ł					•
PLSED, North Lagoon	2	2	1	BMDL	116	86
FLSED, Southeast Lagoon	1	0	0	. 0	0	0
FLSED, Southwest Lagoon	3	3	3	90	153	122
Total	6	5	4	0	153	90
Total Mercury (12-24°)						
FLSED, North Lagoon	5	4	4	0	313	153
FLSED, Southeast Lagoon	1	1	1 ⁻	97	97	97
FLSED, Southwest Lagoon	4	4	2	BHDL	110	81
Total	10	9	7	O 1	313	118
Inorganic Mercury (12-24")					
FLSED, North Lagoon	-		-	-	-	-
FLSED, Southeast Lagoon	—	-	-		-	-
FLSED, Southwest Lagoon	2	2	1	BMDL	111	93
Total	2	2	1	BMDL	111	93

Where values are shown as BMDL (Below Method Detection Limit) or ND (Not Detected), averages are calculated based on estimated concentrations which are below quantitation limits.

TABLE 11-3

Nercury Data Summary for Sediment Transect Samples (NDL = 80; values in ug/kg)

Parameter/Sample Proc	yram N	N>0	N>HDL	Min	Max	λvg*
Technicon Ditch Tota.	l Hercury	(0-12	•)			
SEDTRAN, Transect A	5	5	5	166	383	248
SEDTRAN, Transect B	5	5	5	214	11,200	2,799
SEDTRAN, Transect C	5	5	5	230	52,100	19,209
SEDTRAN, Transect D	5	5	5	1,430	88,500	21,336
Total	20	20	20	166	88,500	10,898
Frontera Creek Total	Nercury (0-12*,)			
SEDTRAN, Transect E	5	5	5	97	269	160
SEDTRAN, Transect 7	5.	5	5	330	1,520	878
Total	10	10	10	97	1,520	519
Technicon Ditch Total	l Nercury	(12-24	(*)	•		
SEDTRAN, Transect A	S	3	3	0	133	68
SEDTRAN, Transect B	5	- 4	3	0	1,680	416
SEDTRAN, Transect C	5	5	4	BMDL	64,100	13,675
SEDTRAN, Transect D	5	5	5	100	20,400	5,634
Total	20	17	15	0	64,100	4,948
Frontera Creek Inorga	unic Nercu	ry (12	?-24*)			
SEDTRAN, Transect E	4	3	3	BHDL	836	288
SEDTRAN, Transect P	5	5	5	100	960	308
Total	· •		8	BADT	960	200

Where values are shown as BMDL (Below Method Detection Limit) or ND (Not Detected), averages are calculated based on estimated concentrations which are below quantitation limits.

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Parameter/Sample Prog	ram N	N>0	N>MDL	Min	Нах	Avg*
Volatile Organic Com	ounde (A-	1201				
voiteile olymnic comp		•• /				
1,1,1-TRICHLOROETHANE						
PCSED, Midstream	9	1	1	0	8	. 8
ACETONE						
PCSED, Midstream	9	7	7	0	1,160	326
PCSED, Downstream	10	8.	8	47.4	1,430	427.9
FLSED	4	4	4	293	2,980	1,385.6
SDSED	2	2	2	107	254	180.5
TDSED	2	2	2	204	288	246
HCSED	1	1	- 1	6.75	6.75	6.75
Total	28	24	24	0	2,980	511
BENZENE						
PCSED, Downstream	10	3	0	D	BMDL	3.08
CARBON DISULFIDE			•		1. 1.	
PCSED, Downstream	10	4	4	0	540	269.95
FLSED	4	.4	3	BMDL	230	91
SDSED	2	1	1	8.73	8.73	8.73
Total	16	9	8	6.35	540	161
CHLOROBENZENB						
TDSED	2	1	0	0	BHDL	0.74
HCSED	1	1	0	0	BMDL	1.26
Total	. 3	2	0	0	BMDL	1.00
BTHYLBENZENB						
PCSED, Midstream	9	1	0	0	BMDL	2.15
METHYL CHLORIDE					-	
PCSED, Downstream	10	3	3	1 . O	26.5	20.8
PLSED	4	4	4	25	1,730	507
Total	14	7	7	0	1,730	299
METHYL BTHYL KETONE						
PCSED, Midstream	9	4	4	0	232	164.8
FCSED, Downstream	10	4	4	0	242	133.6
FLSED	4	4	4	56.9	624	222
SDSED	2	1	1	79	79	79
TDSED	2	2	2	0	48	43.6
Total	27	15	15	0	624	149.8

ESL Data Summary for On-Site Sediment Samples (values in ug/kg)

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Parameter/Sample Program	N	N>0	N <u>></u> MDL	Min	Max	Avg*
Volatile Organic Compound	is (0-	12") (continued	1)		
METHYLENE CHLORIDE						
PCSED, Midstream	9	2	2	0	11.1	8.51
PCSED, Downstream	10	10	10	21.7	93.5	46.98
FLSED	4	4	3	BHDL	338	97.16
SDSED	2		2	21.2	24.4	22.8
TDSRD	2	2	2	0	157	133
MCSRD	1	. 1	-	5.28	5.28	5.28
Total	28	21	20	0	338	56.8
N-TYT PNPC						•
PCSED, Downstream	10	2	1	0	7.53	5.3
						· · ·
O+P-IYLENE			•			
FCSED, Downstream	10	2	0	0	BADL	5.08
TOLUENE						
PCSED, Midstream	9	. 1	1	0	11.5	11.5
FCSED, Downstream	10	4	0	0	BMDL	2.6
TDSED	2	1	1	0 0 g s	64.8	64.8
MCSED	1	1	0	BHDL	BHDL	3.32
Total	22	7	2	0	64.8	12.9
VINYL ACETATE						
FLSED	4	4	2	0	BMDL	21.61
TDSED	2	1	0	0	BMDL	2.95
Total	6	5	2	0	BMDL	17.87
Base/Neutral Extractable	Compo	unds (0-12-)			
BENZO(A)ANTHRACENE						
FCSED, Midstream	9	1	0	0	BHDL	430
BENZOIAIPYRENE						
FCSED, Hidstream	9	2	0	0	BMDL	252
BPN 70/BIPT HODINTUPNP				•	- -	
PCSED, Midstream	9	2	1	0	921	541
PPNANT NI COBOT						
PERFIE ALCOROL		9 '	0	•	BUTT	965
rlskd	4	5	U	U	BMDL	265
BIS(2-ETHYLHEXYL) PHTHALA	TE			•		
FCSED, Midstream	9	6	0	0	BMDL	257
FCSED, Downstream	10	4	3	0	5,770	2,524
Total	19	10	3	. 0 .	5,770	1,164
CHRYSENE					•	
PCSED, Midstream	9	2	0	0	BMDL	286

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Parameter/Sample Program	X	N>0	N>MDL	Min	Kax	Avg*
				 	· · · · · · · · · · · · · · · · · · ·	
Base/Neutral Extractable	Compo	und s (0-12*)	(continued)		•
DI-N-BUTYL PHTHALATE						
TLSED	4	. 1	0	<u>0</u>	BMDL	152
MCSED	1	1	0	109	BMDL	109
Total	5	2	0	0	152	131
FLUORANTHENE						
PCSED, Midstream	9	2	0	0	BMDL	394
INDENO(1,2,3-C,D)PYRENE						
PCSED, Midstream	9	1	. 0	0	BMDL	160
PYRENE						•
PCSED, Midstream	9	2	0	0	BNDL	366
Acid Extractable Compound	13					
Phenol					•	
PCSED, Hidstream	9	.1	0	0	BMDL	39
RCRA Metals (0-12°)						
ARSENIC			•.			
PCSED, Midstream	9	9	6	ND	10,000	3,990
PCSED, Downstream	10	10	2	ND	10,000	3,818
PLSED	4	4	4	2,600	14,000	8,225
SDSED	2	2	0	BMDL	BHDL	1,250
TDSED	2	2	1	BMDL	9,000	5,125
MCSED	1	1	0	BMDL	BHDL	1,900
Total	28	28	13	ND	14,000	.4,344
BARIUN			•			•
PCSED, Midstream	9	. 9	9.1	33,000	185,000	132,056
PCSED, Downstream	10	10	10	5,400	162,000	82,140
FLSED	4.1	.4	4	40,000	195,000	100,138
SDSED	2	2	2	129,000	186,000	157,500
TDSED	2	2	2	78,700	278,000	178,350
MCSED	1.	1	1	8,300	8,300	8,300
Total	28	28	28	5,400	278,000	110,373
CADMIUM						
PCSED, Midstream	9	5	0	0	BMDL	143
FCSED, Downstream	10	10	2	BMDL	880	402
PLSED	4	1	0	O	ND	84
SDSED	2	1	1	0	610	610
Total	25	17	3	0	880	318

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Parameter/Sample Program	N	N>0	N>HDL	Nin	Max	Avg*
RCRA Netels (0-12°) (cont	inued,)				
CHROMIUN						
PCSED, Midstream	9	9	9	5,700	10,400	8,222
PCSED, Downstream	10	10	9	BHDL	56,000	13,180
FLSED	4	4	1	BMDL	7,400	5,262
SDSED	2	2	1	4,600	11,000	7,800
TDSED	2	2	1	BHDL	14,000	9,025
ncsed	1	1	0	ND	ND	1,000
Total	28	28	21	ND	56,000	9,339
COPPER		_				
PCSED, Midstream	9	9	9	20,000	44,000	30,889
FCSED, Downstream	10	10	10	4,400	110,000	37,140
FLSED	4	4	4	30,500	57,000	39,125
SDSED	2	2	2	16,000	27,000	21,500
TDSED	2	2	2	22,500	58,000	40,250
MCSED	1	1	0	BMDL	BMDL	1,300
Total	28	28	27	BMDL	110,000	33,239
LEAD	•	•	-			
PCSED, Midstream	9	9	7	BMDL	15,000	7,106
PCSED, Downstream	10	10	9	BMDL	36,000	10,620
PLSED	4	4	4	3,700	12,000	7,525
SDSED	2	2	2	2,600	2,700	2,650
TDSED	2	2	2	5,400	11,000	8,200
HCSED	1	1	0	BMDL	BADL	700
TOTAL	28	28	24	BMDL	36,000	7,952
SELENIUM	•		•	•		
PCSED, Midstream	y	D E	1	0	2,600	576
PLSED, DOWNSTIVAM	10	2	õ	0	BADL	. 243
TOSED	•	3	1	Ő	1 400	337
Total	25	16	2	ŏ	2,600	445
STIVER						
POSED. Nidetream	•	4	0	0	BMDT.	417
PCSED, Downstream	10	7	ō	Ŏ	BWDT.	370
SDSED	2	i	ō	ŏ	BMDL	370
Total	21	12	0	Ō	BHDL	391
ZINC						
FCSED, Midstream	9	9	9	44,000	120,000	84,833
PCSED, Downstream	10	10	10	8,700	200,000	84,670
FLSED	4	4	4	31,000	72,000	53,000
SDSED	2	2	2	33,000	40,000	36,500
TDSED	2	2	2	65,000	160,000	112,500
HCSED	1	1	1	4,600	4,600	4,600
Total	28	28	28	4,600	200,000	75,886

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Other/Niscellaneous Compo	unds	(0-12-	')			
-		•				
RECEID Nidetreem	9		G	6 760 000	21.900.000	15.651 111
RCSED, Downstream	10	10	10	1,200,000	30.000.000	14.766.000
FLSED	4	4	4	8 280,000	22,800,000	15.680.000
	2	2	2	9 750,000	14.800.000	12.275.000
IDSED	2	2		15 400 000	43.500.000	29.450.000
	1	1	- 1	1 400 000	1 400,000	1 400 000
otal	28	28	28	1,200,000	43,500,000	15,574,642
NTIHONY						
CSED, Midstream	9	4	0	0	BMDL	1,139
LSED	4	1		0.	ND	1,300
DSED	2	2	0	ND	ND	240
DSED	2	1	0		BMDL	5,400
otal	17	8	0	0	BMDL	1,467
ERYLLIUM						•
CSED, Hidstream	9	4	4	0	470	413
CSED, Downstream	10	10	9	ND	910	434
LSED	4	1	0	0	ND	11
DSED	2	1	1	0	380	380
otal	25	16	14	0	910	399
ALCIUM					<u>.</u>	
CSED, Midstream	9	9	9	1,300,000	3,890,000	2,786,666
CSED, Downstream	10	10	10	920,000	5,630,000	2,721,000
lsed	- 4	-4	4	940,000	1,930,000	1,405,000
DSED	2	2	2	1,600,000	5,210,000	3,405,000
DSED	2	2	2	1,590,000	5,720,000	3,655,000
CSED	1	1	1	10,800,000	10,800,000	10,800,000
otal	28	28	28	920,000	10,800,000	2,958,214
OBALT	•	•				
USED, MIGSTRAM	у. 10	. y	10	12,000	20,000	16,444
USED, DOWNSTICAM	10	70	y 1	BADL	30,000	12,980
	4	9.	<u>د</u>	BRUL	8,800	5,103
	4	2	2 T	BRUL	15,000	10,550
USED	4	.2	4	10,750	22,000	16,375
	- 4 - 50	1 10	22	BADL	BMDL	1,900
ULEI	20	10	43	BULL	30,000	12,650
YANIDE CSED Nidetroom	0	. 6	0	< 500	~ 500	200
CSPD Downstreen	7	10	Ň		< 300	500
COLU, DOWNSTIGAM	10	TÔ.	Š			550
DEED	. 4 . 9 .		0		< 500 - E00	500
	2		ň			500
	6	.	Υ.	- 200	~ 300 -	500
CSED	1	· 1	^	✓ E00		E ^ ^

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Parameter/Sample Pr	rogram N	N>0	N>MD	L Min	Hax	Avg*
Other/Niscellaneous	Compounds	(0-12)) (co.	ntinued)		•
IRON						
FCSED, Midstream	9	9	9	27.700.000	41,500,000	33.744.444
FCSED, Downstream	10	10	10	3,000,000	49,000,000	27,200,000
FLSED	4	4	4	24,700,000	45,700,000	30,162,500
SDSED	2	2	2	27,700,000	30,400,000	29,050,000
TDSED	· 2	2	2	26,250,000	57,200,000	41,725,000
MCSED	1	1.	1	3,200,000	3,200,000	3,200,000
Total	28	28	28	3,000,000	57,200,000	30,039,285
MAGNESIUM						
FCSED, Midstream	9	9	9	2,640,000	9,020,000	5,393,888
FCSED, Downstream	10	10	10	901,000	6,330,000	3,303,100
FLSED	4	4	4	2,410,000	3,340,000	2,770,000
SDSED	2	2	2	1,650,000	2,670,000	2,160,000
TDSED	2	2	2	4,270,000	7,510,000	5,890,000
HCSED	1	1	1	440,000	440,000	440,000
Total	28	28	28	440,000	8,065,000	3,899,857
MANGANESE						
FCSED, Midstream	9	9	9	197,000	1,780,000	985,167
FCSED, Downstream	10	10	10	57,000	732,000	344,700
FLSED	4	4	4	79,000	191,000	130,000
SDSED	2	2	2	270,000	1,050,000	660,000
TDSED	2	2	2	496,500	1,550,000	1,023,250
MCSED	1	: 1	1	17,000	17,000	17,000
Total	28	28	28	17,000	1,780,000	579,179
NICKEL						
FCSED, Midstream	9	9	8	BMDL	5,200	3,644
FCSED, Downstream	10	10	8	BMDL	12,000	6,053
FLSED	4	4	. 1	0	2,100	602
SDSED	2	. 2	1	BMDL	6,200	3,750
TDSED	2	2	1	BMDL	4,700	2,725
TOTAL	21	21	19	D	12,000	4,025 .
POTASSIUN	-	-	 _	•		
FCSED, Midstream	9	9	9	190,000	410,000	303,889
FCSED, Downstream	10	10	10	170,000	1,600,000	624,000
FLSED	4 · · · · · · · · · · · · · · · · · · ·	4	4	610,000	850,000	750,000
SDSED	2	2	2	160,000	250,000	205,000
TOSED	2	2	2	240,000	650,000	445,000
MCSED	1	1	1	140,000	140,000	140,000
TOTAL	-28	28	28	140,000	1,600,000	479,107

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TABLE	17

Parameter/Sample Program	N	N>0	N>MDL	Min	Kax	Avg*
Other/Miscellaneous Comp	oun da	(0-12) (con	tinued)		
SODIUM						
FCSED, Midstream	9	9	9	180.000	440.000	323.333
PCSED. Downstream	10	10	10	180,000	3,260,000	1.160.000
FLSED				1.900.000	4.760.000	3,191,250
SDSED	- 2	2	2	68,000	520.000	294.000
90000 TDSED	•	-	-	165 000	530,000	247 500
			4	570.000	530,000	547,500
		20		570,000	370,000	370,000
10191	20	20	28	68,000	4,780,000	1,040,285
SULPATE (AS SO4) (mg/kg)						•
PCSED, Midstream	9	9 .	8	290	3,300	1,441
PCSED, Downstream	10	10	10	550	2,100	1,278
PLSED	6	6	6	1,300	1,700	1,533
SDSED	4	-4	2	< 250	5,500	1,800
TDSED	5	5	5	< 250	2,900	1,224
MCSBD	2	2	1	< 250	720	485
Fotal	36	36	32	< 250	5,500	1,368
SULPIDE (AS S) (mg/kg)	•	•			(6 6 6	
FCSED, Midstream	9	9		< 10	680	113
CSED, DOWNSTIEAD	10	10	5	< 10	570	121
FLSED	6	6	6	53	3,700	896
SDSED	4	4	0	< 10	< 10	10
IDSED	5	5	3	< 10	100	31
MCSED	2	2	0	< 10	< 10	10
Total	36	36	19	< 10	3,700	217
CHALLIUM						
CSED, Midstream	9	9	• • • •	ND	ND	124
FCSED, Downstream	10	9	0	0	ND	149
LSED	4	3	.0	0	ND	36
SDSED	2	2	0	ND	ND	121
icsed	1	1	0	ND	ND	91
Total	26	24	0	0	ND	121
NOTAL ORGANIC CARBON (mg)	kal					
CSED, Midstream	9	9	9	3,565	\$7.150	23.063
CSED, Downstream	10	10	10	1,665	85.650	26.464
LSED	-6	6	6	41.755	178.000	97.589
SDSED	4	4	4	3.980	37.100	13 500
DSRD	5	5	5	14.350	34.050	201002
CSED	2	2	2	3.510	33.200	18 266
	- -	. 🕈 .		-1-24	531200	101222

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Parameter/Sample Prog	ram N	N>0	N>HDL	Nin	Нах	λνg*
Other/Miscellaneous C	ompounds	(0-12-) (conta	inued)		
VANADIUM						
FCSED, Hidstream	9	9	9	92,000	115,000	100,222
PCSED, Downstream	10	10	10	9,800	110,000	73,780
FLSED	4	4	4	65,000	230,000	112,750
SDSED	2	2	2	60,000	95,000	77,500
TDSED	2	2	2	75,500	160,000	117,750
hcsed	1	1	1	9,000	9,000	9,000
Total	28	28	28	9,000	230,000	. 88,939
SOLID						
PCSED, Midstream	25	25	-	53.1	85.2	70.8
FCSED, Downstream	31	31	-	25.2	90	58.2
PLSED	23	22	-	26.7	70.8	53.3
SDSED	8	8	-	63.8	91.2	80.1
TDSED	19	19	-	44	79.4	70.1
SEDTRAN	30	30 -	-	57.8	90.1	74.8
MCSED	2	2	-	83.6	85.1	84.4
Total	137	137	-	25.2	91.2	66.7
Other/Niscellaneous Co	ompounds	(12-24	•)			
SULPATE (AS SO4) (mg/)	kg)					
PCSED, Hidstream	5	5	3	< 250	2,100	1,026
FCSED, Downstream	5	5	5	< 250	2,300	1,142
FLSED	2	2	2	1,100	6,700	3,900
SDSED	2	2	0	< 250	< 250	< 250
TDSED	3	3	3	340	4,100	1,777
MCSED	2	2	0	< 250	< 250	< 250
Total	19	19	13	< 250	6,700	1,314
SULFIDE (AS S) (mg/kg)) _	_	_			
PCSED, Midstream	5	5	3	< 10	440	180
FCSED, Downstream	5	5	2	< 10	870	306
FLSED	2	2	0	< 10	< 10	< 10
SDSED	2	2	0	< 10	< 10	< 10
TDSED	3	3	0	< 10	< 10	< 10
ncsed Total	19	19	5	< 10	870	< 10
TOTAL ORGANIC CARRON				•		
PCSED, Midstream	<u></u>	5	5	3,820	29.950	15.024
PCSED, Downstream	5	5	5	2,850	187.350	52,325
FLSED	2	2	2	60.400	97.000	78,700
SDSED	- 2	2	2	3,835	6.440	5.13A
TDSED	3	3	3	2,835	4,745	3,695
MCSED	2	2	2	14,250	14,900	14,575
Total	19	19	19	2,835	187,350	28,663

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Parameter/Sample Progr	AB X	N>0	N>HDL	Nin	Kax	λvg*
Other/Miscellaneous Co	mpounds	(12-2)	(°) (conti	nueđ)		
SOLID						
PCSED, Midstream	13	13	-	61.2	82.4	74
FCSED, Downstream	14	14	-	24.7	86.4	60.6
FLSED	10	10	· · ·	28.1	75.1	54.5
SDSED	4	4	-	77.4	86.7	82.7
TDSED	11	11	-	72.9	81.2	78.9
SEDTRAN	29	29	-	62.6	90.1	79.6
NCSED	2	2	-	81.2	81.8	81.5
Total	83	83	-	24.7	90.1	72.6

rcsed	-	rrontera Creex Sediment	
PLSED	-	Frontera Lagoons Sediment	
SDSED	-	Squibb Ditch Sediment	
TDSED		Technicon Ditch Sediment; includes Technicon Ditch Tributarie (TDTRIB) for this table)	28
SEDTRAN	-	Sediment Transect	
hcsed	-	Mandri Canal Sediment	

 Based on all samples with a concentration or estimated concentration greater than zero. Includes samples which are listed as BMDL (below method detection limit) or ND (not detected).

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TABLE 12

Summary	of	Average Analyte Concentrations	Detected
		at Air Sampling Locations	
		(values in mg/m ³)	

Station Number	Mercury	Acetone	Methylene Chloride	Ethyl Benzene	Total Xylene	Toluene
1	0.000043	0.018	0.059	0	0	0.006
2	0.000087	0	0.033	0	0.047	0.012
3	0.000031	NA	NA	NA	NA	NA
4	0.000031	NA	NA	NA	NA	NA
5	0.000055	0.055	2.101	0.014	J.012	0.021
6	0.002223	0	0.673	0	0.003	0.272
7	0.000245	0.453	0.841	0.019	0.039	0.029
8	0.000062	0.143	0.739	0	0	0.011
9 .	0.000111	NA	NA	RA	NA	NA
10	0.000050	0	0.054	0	0	0.016
11	0.000082	0	0.039	0	0.001	0.008

NA Not Analyzed

Mercury Data Summary for Biota Samples (values in bg/kg; NDL = 80)

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Parameter/Sample Program	X	0~11 10L</th <th>N-HOL</th> <th>Nean</th> <th>Range</th>	N-HOL	Nean	Range
Total Nercury					
CRABS (WHOLE)					
Frontera North Lagoon	3	2	0	34	0-52
Mandri Canal	3	1	0	13	0-40
Boqueron	3	1	0	19	0-56
Roosevelt Roads	3	0	0	0	0
CRABS (BDIBLE)					
Frontera North Lagoon	6	2	0.	13	0-42
Mandri Canal	6	0	0	0	· O
Boqueron	6	3	0	21	0-48
Roosevelt Roads	7	0	0	0	0
SHRIMP (WHOLE)					
Frontera North Lagoon	6	4	0	25	0-40
Mandri Canal	3	2	0	28	0-48
Boqueron	3	0	0	0	0
Roosevelt Roads	3	0	0	0	0
TARPON (WHOLE)					
Frontera Lagoons	3	3	0	37	0-56
Bogueron*	4	0	0	0	0
Roosevelt Roads	3	0	0	0	0
TARPON (FILLET)					
Frontera Lagoons	6	0	6	110	92-144
Mandri Canal	5	0	5	115	56-156
Boqueron	8	3	0	17	0-50
Roosevelt Roads	6	6	3	131	52-238
TARPON (LIVER)					
Frontera Lagoons	3	1	0	16	0-48
Mandri Canal	1	1	Ο.	58	58
Boqueron	2	0	0	0	0
Roosevelt Roads	2	1	0	32	0-48
TILAPIA (WHOLE)	-	-	•	•5	
Frontera Lagoons	3	2	0	27	0-40
Handri Canal	3	1	0	14	0-24
Boqueron	3	0	0	0	0
Roosevelt Roads	3	0	O	Ö	0

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TABL	- E	T	٩

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Parameter/Sample Program	X	0 <n<ndl< th=""><th>N>NDL</th><th>Nean</th><th>Range</th></n<ndl<>	N>NDL	Nean	Range
Total Nercury (continued)					
TILAPIA (FILLET)					
Frontera Creek*	7	7	6	161	64-460
Frontera Lagoons	6	5	0	46	0-71
Mandri Canal	6	1	0	11	0-64
Boqueron	6	0	0	0	0
Roosevelt Roads	6	1	0	9	0-64
TILAPIA (LIVER)					
Frontera Lagoons	1	0	1	133	133
Mandri Canal	1	0	1	80	80
Bogueron	1	0	0	0	0 .
Roosevelt Roads	1	0	0	0	0
LIZARDS (WHOLE)					
Kandri Canal	3	1	0	20	0-60
Boqueron	3	3	0	37	36-40
GALLINULES (MUSCLE)					
Frontera Lagoone	5	3	2	5.4	0-120
Bogueron	5	0	0	0	0
GALLINULES (LIVER)					
Frontera Lagoons	1	0	1	160	160
Bogueron	1	0	0	0	0
CATTLE EGRETS (MUSCLE)					
Frontera Lagoons	6	1	0	6	0-36
Boqueron	6	4	1	48	0-132
CATTLE EGRETS (LIVER)	_		_		
rontera Lagoons	1	1	0	44	44
Boqueron	1	0	1	98	98
BIRD EGGS	-	_		•	_
Kandri Canal	1	0	0	D	0

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Parameter/Sample Program	N	N O-N-NDL N		Noan	
Inorganic Nercury					
CRABS (WHOLE)					
Frontera North Lagoon	3	0	0	0	0
Mandri Canal	3	Ō	Ō	0	Ō
Boqueron	3	Ō	Ō	0	Ō
Roosevelt Roads	3	Ō	Ō	Ō	Ō
CRABS (EDIBLE)					
Frontera North Lagoon	6	0	0	0	0
Mandri Canal	6	0	0	0	0
Boqueron	6	0	0	° 0	0
Roosevelt Roads	7	Ō	0	Ō	0
SHRIMP (WHOLE)					
Frontera North Lagoon	6	1	0	6	0-36
Handri Canal	3	1	0	12	0-36
Boqueron	3	0	0	0	0
Roosevelt Roads	3	0	0	0	0
TARPON (WHOLE)					
Frontera Lagoons	3	0	0	0	0
Boqueron*	4	0	0	0	0
Roosevelt Roads	3	0	0	0	0
TARPON (FILLET)					
Frontera Lagoons*	6	0	0	0	0
Handri Canal*	5	0	0	0	0
Boqueron	8	0	0	0	0
Roosevelt Roads	6	0	0	0	0
IARPON (LIVER)					
Frontera Lagoons	3	0	0	0	0
Kandri Canal	1	0	0	0	0
Boqueron	2	0	0	0	0
Roosevelt Roads	2	. 0	0.	0	0
TILAPIA (WHOLE)	-	-		-	-
Frontera Lagoons*	3	0	0	0	0
Kandri Canal	3	0	0	0	0
Boqueron	3	0	0	0	0
loosevelt Roads	3	0	0	0	0
TILAPIA (FILLET)		-		••	
Fronter a Creek	7	2	1	19	0-84
frontera Lagoons	6	0	0	O	0
Sandri Canal	6	0	Ø	0	0
Boqueron	6	0	0	Ū	0
Roosevelt Roads	6	0	0	0	0

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Parameter/Sample Program	. N.	0- <n<ndl< th=""><th>N-HDL</th><th>Nean</th><th>Range</th></n<ndl<>	N-HDL	Nean	Range
Inorganic Nercury (continue	d)				•
TILAPIA (LIVER)					
Frontera Creek	1	0	1	480	480
Frontera Lagoons	1	0	0	0	0
Mandri Canal	1	0	0	0	0
Boqueron	1	0	0	0	0
Roosevelt Roads	1	0	0	0	0
LIZARDS (WHOLE)		•			
Mandri Canal	3	0	Û -	0	0
Boqueron	3	0	0	0	0
GALLINULES (MUSCLE)					
Frontera Lagoons	5	0	0	0	0
Boqueron	5	0	0	0	0
GALLINULES (LIVER)					
Prontera Lagoons	1	0	1	92	92
Boqueron	1.	0	0	0	0
CATTLE EGRETS (MUSCLE)					
Frontera Lagoons	6	0	• O	0	0
Boqueron	6	0	0	0	0.
CATTLE EGRETS (LIVER)					
Frontera Lagoons	1	0	0	0	0
Boqueron	1	1	. 0	36	36
BIRD EGGS					•
Kandri Canal	1	0	0	0	0

Due to the limited number of specimens collected, the number of samples analyzed and numbers of individuals in a composite sample varies by location (see Table 4-74).

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14 TABLE

RSL Data Summary for Biota Samples (values im ug/kg)

Dynamac	BTC				
Number	Number	Date	Lab Qual	Value	HDL
BASE/NEUTR	ALS - bis(2-Bt.	hylhexyl)phthal	<u>ito</u>		
CRABS - TR	ontera norte li	AGOON (WHOLE - !	5 CRABS)		
CF204	BH1314	880227	BHDL	203	990
CF220	BH1322	880224	BHDL	118 '	960
CRABS - MA	NDRI CANAL (WHO	OLE - 5 CRABS)			
CH208	BH1327	880224	BHJL	120	980
CRABS - BO	QUERON (WHOLE	- 5 CRABS)			•
C001	BH1312	880222	BHDL	197	1,000
CRABS - RO	OSEVELT ROADS	WHOLE - 5 CRABS	5)		
C411	BH1334	880327	BMDL	305	990
C415	BH1331	880328	BMDL	79	990
TARPON - B	OQUERON (WHOLE	- 2 FISH)		·	
X003	BH1329	880324	BMDL	335	990
TARPON - B	OQUERON (WHOLE	- 5 FISH, COMPO	SITE)		
X041	BH1326	880324	BMDL	189	990
TARPON - R	OOSEVELT ROADS	(WHOLE - 5 FISH	1)		
X430	BH1315	880328	BMDL	227	1,000
GALLINULES	- BOQUERON (L	IVER - 5 GALLINU	TLES)		
M052	BH1330	880222	BHDL	177	1,900
BASE/NEUTR	ALS - Di-n-octy	vl phthalate			•
CRABS - PR	ONTERA NORTH LI	AGOON (WHOLE - S	CRABS)		
CF204	BH1 314	880227	BMDL	136	990
CRABS - MAI	NDRI CANAL (WHO	DLE - 5 CRABS)			· · · · · · · · · · · · · · · · · · ·
CH207	BH1311	880224	BMDL	152	1,000
CH208	BH1327	880224	BHDL	175	980
CH220	BH1336	880225	BHDL	667	990
CRABS - BO	QUERON (WHOLE -	- 5 CRABS)			
C001	BH1312	880222	BMDL	425	1,000
CRABS - RO	OSEVELT ROADS	WHOLE - 5 CRABS	•		
C415	BH1331	880328	BMDL	130	990
TARPON - F	RONTERA LAGOONS	WHOLE - 5 PIS	E)		•
X251	BH1325	880226	BMDL	368	980
•	•				

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Dynamac					
Number	Number	Date	Lab Qual	Value	NDL
BASE INRUTR	ALS - Di-n-octs	l nhthalane (c	continued)		
TARPON - B	OQUERON (WHOLE	- 2 FISH)			
X003	BH1329	880324	•	1,280	990
X014	BE1324	880324	BHDL	490	980
TARPON - B	QUERON (WHOLE	- 1 FISE)			
X040	BE1328	880324		1,140	990
TARPON - BO	OUTERON (WHOLE	- 5 FISH, COMP	OSITE)		
X041	BH1326	880324	BHOL	723	990
GALLINULES	- BOOURRON (LI	VER - 5 GALLIN	ULRSI	•	
N052	BH1330	880222	BMDL	110	1,900
LCTD EVERA		in said			
ACID BAIRA	IABLES - Benzo	IC ACIO			
CRABS - HAI	NDRI CANAL (WH	OLE - 5 CRABS)			
CK207	BE1311	880224	BIOL	1,810	5,000
TARPON - FI	RONTERA LAGOONS	WHOLE - 5 FI	SH)		
x209	BE1318	880226	BHDL	854	50,000
x 220	BE1321	880227	BNDL	980	50,000
X227	BH1320	880226	BHOL	658	50,000
TARPON - BO	QUERON (WHOLE	- 2 FISH)			
X003	BH1329	880324	BHDL	111	5,000
TARPON - BO	YOURRON (WHOLE	- 5 FISH, CONP	OSITEN		
X041	BE1326	880324	BHDL	165	4,900
-	NERVELT BOADS	WHOTE - E FIC	¥)		
K417	BH1332	880326	BMDI.	102	5.000
K430	BE1315	880328	BHDL	575	5,000
TATT THIT PC	- PRONTERS ISC	OONS (ITVER -	5 CATTINIT PSA		
4053	BE1317	880225	BHDL	1,890	100,000
ATTLE BORE	TS - BOQUERON	ELIVER - 6 CAT	BUTT.	882	100,000
	001919			002	100,000
CID EXTRAC	TABLES - 2,4,6	-Trichlorophen	<u>>1</u>		
TARPON - RO	OSEVELT ROADS	(WHOLE - S FISH	3)		

TABLE 15 (continued)

1.

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Number	Number	Date	Lab Qual	Value	нD
	R - Rowin-				
CAR REIAL	5 - Barius				
CRABS - TRO	ONTERA NORTH L	AGOON (WHOLE - !	5 CRABS)		
2203	BE1323	880225		170,000	4,00
SF204	BH1314	880227		250,000	4,00
	DD1322	GOVEZQ	· · · · · · · · · · · · · · · · · · ·	12,000	4,00
TRABS - KAI	DRI CANAL (WHO	OLE - 5 CRABS)			
24207	BE1311	880224	•	140,000	4,00
M208	BH1327	880224		210,000	4,00
24220	BH1336	880225		250,000	4,00
RABS - BO	UERON (WHOLE .	- 5 CRABS)			
:001	BH1312	880222		83,000	4,00
8008	BH1313	880323		62,000	4,00
:026	BH1335	880325		8,700	4,00
RABS - RO	SEVELT ROADS	WHOLE - 5 CRABS	51		
411	BE1334	880327	•	7.900	4.00
415	BH1331	880328		9,500	4.000
418	BH1333	880328		8,400	4,000
-	ONTERN INCOM				
209	BH1319	880226) n (4 800	4 00
251 REP	BH1325	880226	BMDI.	3,800	A.00
220	BH1321	880227	BHDL	1,500	4.000
227	BH1320	880226		9,400	4,000
ARRON - PO	NSEVELT PARE	WHOLE - S PICH	1		
410	BE1310	880326	ND	180	4,000
CRA METALS	- Cadmium		•		
RABS - BOQ	UERON (WHOLE -	5 CRABS)			
026	BH1335	880325	BHDL	140	400
RABS - ROC	SEVELT ROADS (WHOLE - 5 CRABS	ý		
411	BH1334	880327	BHDL	100	400
ALLINITES	- PRONTERA LAG	CONS ILIVER - 5	GALLINULES		
053	BH1317	880225	ND	54	400
ATTLE FOPP	TS - PDONTEDA	LAGOONS /TTUPP	- 6 CATTLE FOR	TSI	
051	BH1316	880225	ND	45	400
CRA NETALS	- Chromium				
RABS - PRO	NTERA NORTH LA	GOON (WHOLE - 5	CRABS)		
P203	BH1323	880225	ND	39	2,000
F204	BH1314	880227	BMDL	1,000	2,000
		and the second			

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н 		TABLE 1	5 (continued)		
Dynamac Number	ETC Number	Date	Lab Qual	Value	KDL
RCRA NETALS	<u> - Arsenic</u> (c	ontinued)			
CRABS - BOO	URRON (WHOLE	- 5 CRARS)		•••	
c001	BH1312	B80222		3.800	2 000
C008	BH1313	880323		2 500	2,000
C026	BH1335	880325	BMDL	4,100	10,000
CRABS - ROO	SEVELT ROADS	WHOLE - 5 CRAB	S)		
C411	BH1334	880327	ND	390	2,000
C415	BH1331	880328	ND	310	2,000
C418	BH1333	880328	ND	310	2,000
TARPON - FR	ONTERA LAGOON	S (WHOLE - 5 FI	SE)		•
X209	BH1318	880226	ND	160	2,000
X251 REP	BH1325	880226	ND	190	2,000
X220	BH1321	880227	ND	270	2,000
X227	BH1320	880226	ND	190	2,000
TARPON - BO	QUERON (WHOLE	- 2 FISH)			
X003	BH1329	880324	BMDL	700	2,000
X014	BH1324	880324	ND	39	2,000
TARPON - BO	QUERON (WHOLE	- 1 FISH)			
X040	BH1328	880324	ND	39	2,000
TARPON - BO	QUERON (WHOLE	- 5 FISH, COMPO	SITE)	•	
X041	BH1326	880324	ND	230	2,000
TARPON - RC	DEVELT ROADS	(WHOLE - 5 FISH	•		
X410	BH1310	880326	BMDL	990	4,000
X417	BH1332	880326	BMDL	580	2,000
X430	BH1315	880328	BMDL	620	2,000
GALLINULES ·	- FRONTERA LAG	CONS (LIVER - S	GALLINULES)		
M053	BH1317	850225	ND	78	2,000
GALLINULES -	- BOQUERON (LI	VER - 5 GALLING	LES)		
N052	BH1330	880222	ND	39	2,000
ATTLE BORE	IS - FRONTERA	LAGOONS (LIVER	- 6 CATTLE EGRET	5)	
4051	BH1316	880225	ND	50	2,000
CATTLE EGRE?	rs - Boqueron				•
LIVER - 6 CJ	ATTLE EGRETS)				<i>.</i> .
1050	BH1319	880222	ND	39	2,000

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Dynamac	ETC				
Number	Number	Date	Lab Qual	Value	MDL
<u>ORGANOCHLO</u>	RINE PESTICIDES	/PCBs - 4,4'-D	DD		
CRABS - RO	OSEVELT ROADS (WHOLE - 5 CRAB	S)		
C415	BH1331	880328		23	20
TARPON - R	OOSEVELT ROADS	(WHOLE - 5 FIS	H)		
X417	BH1332	880326		27	20
ORGANOCHLO	RINE PESTICIDES	/PCBs - 4,4'-D.	DE		
CRABS - RO	OSEVELT ROADS (WHOLE - 5 CRAB	S)		
C411	BH1334	880327		110	20
C415	BH1331	880328		120	20
TARPON - P	RONTERA LAGOONS	(WHOLE - 5 PI	SH)		
X251 REP	BH1325	880226		28	20
TARPON - R	OOSEVELT ROADS	(WHOLE - 5 FISH	H)		
X410	BH1310	880326		110	20
X417	BH1332	880326		160	20
X430	BH1315	880328		74	20
GALLINULES	- FRONTERA LAG	OONS (LIVER - !	5 GALLINCLES)		
M053	BH1317	880225		47	40
CATTLE EGR	ETS - BOQUERON	(LIVER - 6 CAT	ILE EGRETS)		
H050	BH1319	880222		83	40
ORGANOCHLO.	RINE PESTICIDES	/PCBs - Delta-1	BHC		
CRABS - PR	ONTERA NORTH LA	GOON (WHOLE - (CRABS)		
CF203	BH1323	880225		62	10
CF220	BH1322	880224		48	9.6
GALLINULES	- BOQUERON (LI	VER - 5 GALLING	JLES)		
M053	BH1317	880225		67	20
RCRA NETAL	S - Arsenic		•		
CRABS - PR	ONTERA NORTH LA	GOON (WHOLE - 5	CRABS)		
CF203	BH1323	880225	BHOL	460	2,000
CP204	BH1314	880227	ND	380	2,000
CF220	BH1322	880224	BNDL	460	2,000
CRABS - MAI	NDRI CANAL (WHO	LE - 5 CRABS)			
CH207	BH1311	880224	BMDL	430	2,000
CH208	BH1327	880224	ND	350	2,000

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	PTC		Tab Qual	Value	NDL
Dynamac Number	Runber	Date			
					•
	- Chromium (co	ontinuea)			
RCKA HOLI		CRABS)		740	2,000
-	DRI CANAL (WHO)		BALL	1.800	2,000
CRABS	BH1311	00044	BICL	1,400	2,000
CH207	BH1327	690225	BNOL	•••	
Ch200	BH1336	00011-			
CHILO		CPARS)		1,100	2,000
	QUERON (WHOLE	880222	BHOL	1,200	2,000
	BE1312	990323	BNDL	1.600	2,000
0001	BE1313	880325	BIOL	••••	
0026	BH1335	00000-			
CUZO		CRABS)	1.600	2,000
ADARE - RC	OSEVELT ROADS	(WHULD	BIDL	700	2,000
CKADS - M	BH1334	60034	BIOL	520	2,000
C411	BH1331	000328	BROL	•••	
C415	BH1333	000310			
C410		5 TI	SH)	920	2,000
	FRONTERA LAGOO	NS (WHOLD	BIOL	870	2,000
TARPON -	BH1318	000226	BHOL	350	2,000
X209	BH1325	000227	ND	1,200	2,000
X251 KBF	BH1321	000226	BIOL	11000	
¥220	BH1320	800220			
\$227		(Fare a		680	2,000
	BOOUERON (WHO	LE = 2 FISE	BIOL	280	2,000
TARPON -	BH1329	B00324	ND	•••	
X003	BH1324	800344			
X014				480	2,000
	BOOUBRON (WHO	$\frac{1}{1} = \frac{1}{1} = \frac{1}$	BIOL		
TARPON -	BH1328	800324		· · · · · · · · · · · · · · · · · · ·	
X040			MPOSITE)	480	2,000
	- BOQUERON (WH	OLE - 5 FISE/ CON	BOL	400	•••
TARPON	BH1326	000344			
X041			ISH)	1.400	2,000
	- ROOSEVELT RO	DADS (WHOLE - 0 -	BOL	700	2,000
TARPON	BH1310	000326	BOL	1.600	2,000
7410	BH1332	000328	BIOL	•••••	
X41/	BH1315	800314			
IA30		TTVRR	- 5 GALLISULES)	1,200	2,000
	ULES - FRONTER	A LAGOUNS (DITER	BIOL	••••	
GALUIR	BH1317	9041-V		CORTS)	
NUSS	•	TACOONS ILI	VER - 6 CATTLE	940	2,00
A TTI 1	EGRETS - FROM	NTERA LAGONIO 15	BHOL	•	
UNE1	BH131	6			-
NOPT			CATTLE EGRETS)	480	2,00
AS MAT	E EGRETS - BOQ	UBRON (LIVER - C	BHOL	400	

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Dynamac	ETC		-		
Number	Number	Date	Lab Qual	Value	MDI
ICRA BEIALS			•		
TRABS - PRO	ONTERA NORTE LI	AGOON (WHOLE -	5 CRABS)		
CF203	BH1323	880225		15,000	2,000
CF204	BH1314	880227		26,000	2,000
CF220	BH1322	880224		22,000	2,000
TRABS - MAI	NDRI CANAL (WHO	OLE - 5 CRABS)			
CH207	BH1311	880224	•	12,000	2,000
CH208	BH1327	880224		24,000	2,000
CH220	BH1336	880225		10,000	2,000
TRARS - BO	UIERON (WHOLE -	- 5 CRABSI			
	RHI212	880222		14,000	2.000
2001	DU1213	\$007555		19 000	2,000
	001338 001338	00VJ2J 887395		11 000	2,000
026	841335	660323	•	11,000	2,000
CRABS - ROO	SEVELT ROADS	WHOLE - 5 CRAB	S)		
C411	BH1334	880327		10,000	2,000
C415	BH1331	88032 8		8,600	2,000
2418	BH1333	880328	·.	7,000	2,000
TARPON - FF	RONTERA LAGOONS	WHOLE - 5 PI	SH)		·
X 209	BH1318	880226	BMDL	1,100	2,000
1251 REP	BH1325	880226	BMDL	680	2.000
x220	BH1321	880227	BHDL	970	2,000
X227	BH1320	880226	BHDL	960	2,000
		0 			
TARPOR - BU	DORRON (MHOLE	- 2 8150)			
x003	BH1329	880324	BYDL	820	2,000
K014	BH1324	880324	BHDL	1,300	2,000
TARPON - BO	QUERON (WHOLE	- 1 FISH)	•		
K040	BH1328	880324	BNDL	1,300	2,000
TARPON - BO	OURRON (WHOLE	- S FISH. COMP	OSITE)		
K041	BH1326	880324	BNDL	750	2,000
			-		
$\mathbf{R} = \mathbf{R}$	NUSEVELT ROADS	(HIULE - 5 FIS		200	
retu	B71310	000320		000	2,000
K417	BH1332	880326	BMDL	450	2,000
[4]30	BH1315	880328	BMDL	890	2,000
ALLINULES	- PRONTERA LAG	CONS (LIVER - !	5 GALLINULES)		
1053	BH1317	880225		10,000	2,000
ALLINULES	- BOOUERON (1.1	VER - 5 GALLIN	JLESI		
(052	RH1330	880222		3,100	2.000
		~~~~		-,200	-1000
ATTLE BORE	STS - FRONTERA	LAGOONS (LIVER	- 6 CATTLE EGR	ETS)	
1051	BH1316	880225	· ·	8,100	2,000
				•	/- / /

TABLE 15

(continued)

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Dynamac	BTC		7 . <b>b</b>	Velue	
Rumder	NURDET	DACO	rep Grei	V4120	MDL
OTHER/MISC	ELLANEOUS - Alt	uminum (continu	•d)		
CRABS - HAI	NDRI CANAL (WHO	OLE - 5 CRABS)			:
CH207	BE1311	880224		26,000	20,000
CH208	BH1327	880224	BHOL	15,000	20,000
24220	BE1336	880225	ENDL	9,000	20,000
CRABS - BO	DUERON (WHOLE -	- 5 CRABS)			
C001	BE1312	880222		51,000	20,000
C008	BH1313	880323		49,000	20,000
C026	BE1335	880325		91,000	20,000
CRABS - RO	SEVELT ROADS	WHOLE - 5 CRAB	S)		
C411	BH1334	880327	- •	27,000	20,000
C415	BH1331	880328	BHOL	4,200	20,000
C418	BH1333	880328	BNDL	4,600	20,000
TARPON - PI	RONTERA LAGOONS	5 (WHOLE - 5 FI	SH)		
1209	BH1318	880226	ND	1,400	20,000
1251 RBP	BH1325	880226	ND	2,000	20,000
TARPON - BO	OQUERON (WHOLE	- 2 FISH)		•	
X003	BH1329	880324	BHDL	5,700	20,000
X014	BH1324	880324	ND	640	20,000
TARPON - R	SEVELT ROADS	(WHOLE - 5 FIS	H)		
1410	BH1310	880326	ND	1,200	20,000
X417	BH1332	880326	BHOL	7,500	20,000
X430	BH1315	880328	ND	41	20,000
	- PRONTERN INC	CONS (I TURR -	E CALL TAULT POA		
MOS3	BH1317	880225	BNDL	6,900	20,000
				- · ·	
GALLINULES	- BOQUERON (L)	IVER - 5 GALLIN	ULBS)		
M052	BH1330	880222	ND	1,100	20,000
CATTLE BORN	BTS - FRONTERA	LAGOONS (LIVER	- 6 CATTLE BGRE	TS)	
N051	BH1316	880225	BHDL	8,200	20,000
CATTIN PODI	TTS - BOOLEDON	ALIVER - 6 CAT	TIR BORRTSI		
MOSO	BE1319	880222	BADL	6,800	20,000
· · · · · · · · · · · ·				•	
DTHER/MISC	ELLANEOUS - Ant	t nomy			
CRABS - PRO	ONTERA NORTH LA	GOON (WHOLE -	5 CRABS)		
CF204	BH1314	880227	BHOL	7,400	12,000
CF220	BH1322	880224	BHOL	6,100	12,000

15 (continued) TABLE

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Dynamac         BTC         Number         Date         Lab Qual         Value           RCRA METALS - Copper (continued)         CATTLE ECRETS - BOQUERON (LIVER - 6 CATTLE ECRETS)         6,400           CATTLE ECRETS - BOQUERON (LIVER - 6 CATTLE ECRETS)         K050         EH1319         880222         6,400           RCRA METALS - Lead         CRABS - FRONTERA MORTH LAGOON (WHOLE - 5 CRABS)         Cr203         EH1323         880227         BVDL         470         130         11           CR204 BH1312         680224         MD         130         11         CR207         BVDL         470         130         11           CR205         BH1312         680224         MD         130         11           CR206         BH1312         680224         MD         130         11           CR206         BH1312         680225         BMDL         400         12           CR208         BH1312         880323         BMDL         200         130         11           CR208         BH1313         680327         MD         130         11           CR208         BOUERON (WHOLE - 5 CRABS)         CA11         BH1331         680327         MD         130         11           CR218			TABLE 1	5 (continued)		
Number         JELS         JELS         JELS         JELS         JELS           PCRA HETALS - Copper (continued)         CATTLE EGRETS - BOQUERON (LIVER - 6 CATTLE EGRETS)         S050         EH1313         880222         6,400           ACCA HETALS - Lead         CTABS - FRONTERA NORTH LAGOON (WHOLE - 5 CRABS)         130         11           CT203         BH1323         880225         ND         130         11           CT204         BH1314         880227         BNDL         470         12           CT204         BH1312         880224         ND         130         11           CRADE - WANDRI LAGOONS (WBOLE - 5 CRABS)         CRADE - MOL         470         12           CR207         BH1311         680224         ND         35         11           CR208         BH1312         880222         BNDL         400         12           CR208         BH1312         880323         BNDL         200         130         11           CRADE - ROOSEVELT ROADS (WHOLE - 5 CRABS)         C411         BH1333         680327         ND         360         11           CA15         BH1313         680326         ND         130         11           CRABE - ROOSEVELT ROADS (WHOLE - 5 FISE)<	Dynamac Number	BTC Number	Data		Value	
RCRA METALS - Copper (continued)           CATTLE BORETS - BOQUERON (LIVER - 6 CATTLE BORETS)           NG50         BH1319         880222         6,400           RCRA METALS - Lead           CRABS - FRONTERA MORTH LAGOON (WHOLE - 5 CRABS)           F7203         BH1323         880225         ND         130         11           F7204         BH1314         880227         BNOL         470         12           F7204         BH1322         080224         ND         130         11           FRABS - MANDRI LAGOONS (WHOLE - 5 CRABS)         57220         BH1311         880224         ND         170         12           FRADS - BOQUERON (WHOLE - 5 CRABS)         5001         BH1313         880225         BNDL         400         12           FRADS - BOQUERON (WHOLE - 5 CRABS)         5002         BH1313         880225         BNDL         200         130           FRADS - BOQUERON (WHOLE - 5 CRABS)         5002         BH1313         880327         ND         130         11           FRADS - ROOSEVELT ROADS (WHOLE - 5 FISE)         130         14         14         14         14         14         130         14           FALS - BRI313         B80326         ND         730         14 <th></th> <th></th> <th></th> <th>ten Aost</th> <th>V8100</th> <th></th>				ten Aost	V8100	
CATTLE EGRETS - BOQUERON (LIVER - 6 CATTLE EGRETS)         (050       BH1319       880222       6,400         NCRA METALS - Lead         CRABS - FRONTERA NORTH LAGGON (WHOLE - 5 CRABS)         (F203       BH1323       880225       ND       130       1         (F204       BH1314       880227       BNDL       470       1         (F204       BH1312       880224       ND       130       1         (F204       BH1313       880224       ND       170       1         (F206       BH1327       880224       ND       170       1         (F208       BH1312       880225       BNDL       400       1         (F208       BH1312       880225       BNDL       200       1         (F208       BH1313       880225       BNDL       200       1         (F208       BH1313       880225       ND       130       11         (F208       BH1313       880327       ND       130       11         (F208       BH1313       880327       ND       130       11         (F208       BH1313       880327       ND       180       11         (F218       BH	RCRA HETALS	5 - Copper (co	ntinued)			
KOSO       BH1319       880222       6,400         RCRA_METALS - Lead         CRABS - FRONTERA_NORTH LAGOON (WHOLE - 5 CRABS)         CF203       BH1323       880225       ND       130       1         CF203       BH1323       880225       ND       130       1         CF203       BH1323       880224       ND       130       1         CF204       BH1314       880224       ND       130       1         CF205       BH1311       880224       ND       170       1         CF206       BH1311       880224       ND       35       11         CF207       BH1312       880224       ND       35       11         CF208       BH1311       880222       BHDL       400       10         CF208       BH1312       880225       BHDL       240       10         CF018       BH1313       880227       ND       130       11         CF206       BH1313       880327       ND       130       11         CFABS - ROOSEVELT ROADS (WHOLE - 5 CRABS)       130       11       130       11         CFABS - ROOSEVELT ROADS (WHOLE - 5 CRABS)       130       120       130 </td <td>CATTLE BORI</td> <td>ETS - BOQUERON</td> <td>(LIVER - 6 CAT</td> <td>TLE BGRETS)</td> <td></td> <td></td>	CATTLE BORI	ETS - BOQUERON	(LIVER - 6 CAT	TLE BGRETS)		
RCRA METALS - Lead         CRABS - FRONTERA NORTH LAGOON (WHOLE - 5 CRABS)         CP203       BH1323       880225       ND       130       1         CP203       BH1323       880225       ND       130       1         CP204       BH1314       880227       BNDL       470       1         CP205       BH1311       880224       ND       130       1         CP206       BH1311       880224       ND       170       1         CP207       BH1311       880224       ND       35       1         CP208       BH1327       880225       BNDL       400       1         CP208       BH1312       880222       BNDL       200       1         CP208       BH1313       680222       BNDL       200       1         CP208       BH1313       680225       ND       130       1         CP208       BH1313       680227       BNDL       200       1         CP206       BH1313       680227       ND       130       1         CP206       BH1313       680327       ND       180       1         CP305       BH1313       680326       ND	K050	BH1319	880222		6,400	2,000
ERABS - FRONTERA MORTH LAGOON (WHOLE - 5 CRABS)         F7203       BH1323       860225       ND       130       1         F7204       BH1314       860227       BMDL       470       1         F7204       BH1322       880224       ND       130       1         F7204       BH1311       880224       ND       130       1         F7207       BH1311       880224       ND       170       1         F7208       BH1327       880224       ND       35       1         F7209       BH1311       880224       ND       35       1         F7200       BH1312       880225       BNDL       400       1         F7201       BH1312       880223       BNDL       240       1         F7202       BH1313       880325       ND       130       13         F7204       BH1313       880327       ND       130       14         F7205       BH1313       880328       ND       130       14         F7415       BH1333       880328       ND       130       14         F7415       BH1333       880226       ND       130       14	RCRA METALS	5 - Load				
F203       BH1323       880225       ND       130       1         F2204       BH1314       880227       BNDL       470       1         F2204       BH1312       880227       BNDL       470       1         F2204       BH1312       880224       ND       130       1         F2207       BH1311       880224       ND       170       1         F208       BH1327       880224       ND       35       1         F208       BH1327       880224       ND       35       1         F209       BH1336       880225       BNDL       400       1         F208       BH1312       880222       BNDL       200       1         F7001       BH1312       880223       BNDL       200       1         F7026       BH1335       880323       BNDL       200       1         F711       BH1334       680327       ND       130       11         F7209       BH1331       880328       ND       130       11         F7415       BH1333       880226       ND       130       14         F415       BH1321       680226       ND	TRABS - PRO	ONTERA NORTH L	AGOON (WHOLE -	5 CRABS)		
T204       BH1314       880227       BMDL       470         T220       BH1322       880224       ND       130       130         TRABS - MANDRI LAGOONS (WBOLE - 5 CRABS)       170       170       170         TRABS - MANDRI LAGOONS (WBOLE - 5 CRABS)       170       170       170         TRABS - MANDRI LAGOONS (WHOLE - 5 CRABS)       400       151       170         TRABS - BOQUERON (WHOLE - 5 CRABS)       400       130       11         TRABS - BOQUERON (WHOLE - 5 CRABS)       200       130       11         TRABS - ROOSEVELT ROADS (WHOLE - 5 CRABS)       130       130       11         TRABS - ROOSEVELT ROADS (WHOLE - 5 CRABS)       130       11       130       11         TRABS - ROOSEVELT ROADS (WHOLE - 5 FISE)       180       11       180       11         TARPON - FRONTERA LAGOONS (WHOLE - 5 FISE)       130       14       130       14         C200       BH1318       880226       ND       130       14         TARPON - FRONTERA LAGOONS (WHOLE - 5 FISE)       130       14       130       14         C200       BH1318       880226       ND       35       15         C200       BH1320       880324       ND       35	CF203	BH1323	880225	ND	130	15,000
EP220     BH1322     880224     ND     130     1       ERABS - MANDRI LAGOONS (WHOLE - 5 CRABS)     EX207     BH1311     880224     ND     170       EX208     BH1327     880224     ND     35     31       EX200     BH1336     880225     BKDL     400       EX200     BH1336     880222     BKDL     400       EX200     BH1336     880222     BKDL     240       EX201     BH1312     880222     BKDL     240       EX011     BH1312     880223     BKDL     200       EX026     BH1331     880323     BKDL     200       EX026     BH1331     880328     ND     130       EXABS - ROOSEVELT ROADS (WHOLE - 5 CRABS)     1411     BH1331     880328     ND       EXABS - ROOSEVELT ROADS (WHOLE - 5 PISH)     180     141       EXAPON - FRONTERA LAGOONS (WHOLE - 5 PISH)     130     14       EXAPON - FRONTERA LAGOONS (WHOLE - 5 PISH)     130     14       EX207     BH1321     680226     ND     130       EX209     BH1315     680226     ND     130       EX209     BH1321     680226     ND     35       EX209     BH1320     680226     ND     35 <td>CF204</td> <td>BH1314</td> <td>880227</td> <td>BNDL</td> <td>470</td> <td>1,000</td>	CF204	BH1314	880227	BNDL	470	1,000
TRABS - HANDRI LAGOONS (MBOLE - 5 CRABS)         24207       BH1311       680224       ND       170         24208       BH1327       680224       ND       35       11         24200       BH1313       680225       BHDL       400       11         24200       BH1312       680222       BHDL       400       11         277.85       BOQUERON (MHOLE - 5 CRABS)       240       12       130       11         270.0       BH1312       880222       BHDL       240       130       11         270.0       BH1313       880323       BMDL       200       130       11         270.2       BH1313       880325       ND       130       11         270.2       BH1313       880327       ND       360       11         271.1       BH1333       880328       ND       730       12         27411       BH1313       880328       ND       730       12         27418       BH1313       880328       ND       730       12         27418       BH1325       680226       ND       130       14         270       BH1318       880324       ND       35	F220	BH1322	880224	. ND	130	15,000
>>207       BH1311       680224       ND       370         >>20208       BH1327       680224       ND       35       31         >>20208       BH1327       680225       BKDL       400       35       31         >>20208       BH1312       680222       BKDL       240       30       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31       31	TRABS - MAN	IDRI LAGOONS (1	BOLE - 5 CRABS	)		
P20208     BH1327     880224     ND     35     1       P2200     BH1336     880225     BKDL     400     1       P2200     BH1336     880225     BKDL     400     1       P2200     BH1336     880225     BKDL     240     1       P2001     BH1312     880222     BKDL     240     1       P2026     BH1313     880323     BKDL     200     1       P2026     BH1313     880323     BKDL     200     1       P2026     BH1335     880327     ND     130     11       P2026     BH1331     880327     ND     360     11       P2027     ND     360     160     150     150       P203     BH1318     880226     ND     130     12       P204     BH1325     880226     ND     130     12       P204     BH1321     880226     ND     85     15       P204     BH1321     880226     ND     35     15       P204     BH1320     880324     ND     35     15       P204     BH1328     880324     ND     35     15       P204     BH1326     880324     ND     <	<b>34207</b>	BH1311	880224	ND	170	1,000
2220       BH1336       880225       BMDL       400         TRABS - BOQUERON (WHOLE - 5 CRABS)       240         2008       BH1313       880323       BMDL       200         2026       BH1335       880325       ND       130       11         TRABS - ROOSEVELT ROADS (WHOLE - 5 CRABS)       2411       BH1334       880327       ND       360       11         2415       BH1331       880328       ND       180       12         2418       BH1333       680328       ND       730       13         2209       BH1318       880226       ND       730       14         2209       BH1321       880226       ND       130       14         2209       BH1321       880226       ND       780       14         220       BH1321       880226       ND       780       15         220       BH1321       880226       ND       35       15         3418       BH022       PISH)       35       15         3503       BH1320       880324       ND       35       15         3604       BH1328       860324       ND       35       15	<b>24208</b>	BH1327	880224	ND	35	15,000
TRABS - BOQUERON (MHOLE - 5 CRABS)         1001       BH1312       880222       BMDL       240         1008       BH1313       880323       BMDL       200         1026       BH1335       880325       ND       130       11         11       BH1335       880325       ND       130       11         12026       BH1335       880325       ND       130       11         1211       BH1334       880327       ND       380       11         12415       BH1331       880328       ND       180       11         12415       BH1333       880328       ND       730       12         12418       BH1333       880328       ND       730       12         12418       BH1333       880326       ND       730       12         1220       BH1318       880226       ND       130       12         1220       BH1321       880226       ND       85       15         1220       BH1321       880324       ND       35       15         1227       BH1329       880324       ND       35       15         1270       BH1328       8803	24220	BH1336	880225	BMDL	400	1,000
NO01       BH1312       880222       BMDL       240         NO08       BH1313       B80323       BMDL       200         NO26       BH1335       880325       ND       130       1         TRABS - ROOSEVELT ROADS (WHOLE - 5 CRABS)	TRABS - BOC	UERON (WHOLE .	- 5 CRABS)			
X006       BH1313       860323       BMDL       200       200         X026       BH1335       860325       ND       130       1         TRABS - ROOSEVELT ROADS (MEDLE - 5 CRABS)       11       11       1130       1         X411       BH1334       860327       ND       360       1         X415       BH1331       880328       ND       180       1         X416       BH1333       860328       ND       730       1         XARPON - FRONTERA LACCONS (WHOLE - 5 FISE)       730       1       130       1         X209       BH1318       860226       ND       130       1         X210       BH1321       860226       ND       130       1         X220       BH1321       860226       ND       85       1         XARPON - BOQUERON (WHOLE - 2 FISH)       003       85       15         XARPON - BOQUERON (WHOLE - 1 FISH)       35       15         XARPON - BOQUERON (WHOLE - 1 FISH)       85       15         XARPON - BOQUERON (WHOLE - 5 FISH, COMPOSITE)       85       15         XARPON - ROOSEVELT ROADS (WHOLE - 5 FISE)       85       15         XARPON - ROOSEVELT ROADS (WHOLE - 5 FISE) <td< td=""><td>:001</td><td>BH1312</td><td>880222</td><td>BHDL</td><td>240</td><td>1,000</td></td<>	:001	BH1312	880222	BHDL	240	1,000
2026       BH1335       880325       ND       130       14         TRABS - ROOSEVELT ROADS (WHOLE - 5 CRABS)	008	BH1313	880323	BHOL	200	1,000
TABS - ROOSEVELT ROADS (WHOLE - 5 CRABS)         111       BH1334       880327       ND       380       11         1415       BH1331       880328       ND       180       11         1418       BH1333       680328       ND       180       11         1418       BH1333       680328       ND       730       11         1418       BH1333       680328       ND       730       11         1418       BH1333       680326       ND       730       11         1209       BH1318       880226       ND       130       11         121       1220       BH1321       880226       ND       85       11         1220       BH1321       880226       ND       85       11         1227       BH1320       880226       ND       85       15         1403       BH1329       880324       ND       35       15         1514       BH1328       680324       ND       85       15         152       ARPON - BOQUERON (WHOLE - 5 FISH)       85       15         153       ARPON - BOQUERON (WHOLE - 5 FISH)       85       15         154       BH1310	:026	BH1335	880325	ND	130	15,000
2411       BH1334       \$60327       ND       360       1         2415       BH1331       880328       ND       180       1         2418       BH1333       880328       ND       730       1         2209       BH1318       880226       ND       130       14         220       BH1321       880227       ND       85       15         227       BH1320       880324       ND       35       15         2003       BH1329       880324       ND       35       15         2014       BH1324       880324       ND       35       15         2040       BH1328       680324       ND       85       15         2040       BH1328       680324       ND       85       15         2041       BH326       880326       ND       16 <td< td=""><td>TRABS - ROO</td><td>SEVELT ROADS</td><td>WEOLE - 5 CRAB</td><td>S)</td><td></td><td></td></td<>	TRABS - ROO	SEVELT ROADS	WEOLE - 5 CRAB	S)		
2415       BH1331       880328       ND       160       1         2418       BH1333       880328       ND       730       1         2209       BH1318       880226       ND       130       1         220       BH1321       880226       ND       85       1         220       BH1321       880226       ND       85       1         220       BH1320       880324       ND       35       1         230       BH1329       880324       ND       35       1         2414       BH1328       880324       ND       35       1         2414       BH1328       880324       ND       85       1         2410       BH1326       880324       ND       85       1         2410       BH1310       880326       ND       170       1	2411	BH1334	880327	ND	380	15,000
2418       BH1333       860328       ND       730       14         2209       BH1318       880226       ND       130       14         2209       BH1325       880226       ND       780       14         2200       BH1321       880226       ND       780       14         2200       BH1321       880226       ND       85       15         2201       BH1320       880226       ND       85       15         2202       BH1321       880226       ND       85       15         2207       BH1320       880226       ND       85       15         2207       BH1320       880324       ND       35       15         2003       BH1329       880324       ND       35       15         2014       BH1328       880324       ND       85       15         2040       BH1326       880324       ND       85       15         2041       BH1326       880324       ND       85       15         2041       BH1326       880326       ND       170       1         4410       BH1310       880326       ND       170	:415	BH1331	880328	ND	180	15,000
XARPON - FRONTERA LAGOONS (WHOLE - 5 FISH)         1209       BH1318       860226       ND       130       14         1251       REP       BH1325       880226       ND       780       11         1220       BH1321       860227       ND       85       11         1220       BH1321       860226       ND       85       11         1220       BH1320       880226       ND       85       11         1227       BH1320       880226       ND       85       11         1203       BH1329       880324       ND       35       15         1214       BH1324       880324       ND       35       15         1204       BH1328       860324       ND       85       15         12040       BH1328       860324       ND       85       15         12041       BH1326       880324       ND       85       15         12041       BH1326       880324       ND       85       15         12041       BH1326       880326       ND       170       1         1417       BH1310       880326       ND       140       1	2418	BH1333	880328	ND	730	15,000
209       BH1318       880226       ND       130       14         251       REP       BH1325       880226       ND       780       11         220       BH1321       880226       ND       85       11         220       BH1321       880226       ND       85       11         227       BH1320       880226       ND       85       11         227       BH1320       880326       ND       85       11         220       BH1329       880324       ND       35       15         2003       BH1329       880324       ND       35       15         2014       BH1324       880324       ND       35       15         2040       BH1328       880324       ND       85       15         2040       BH1328       880324       ND       85       15         2041       BH1326       880324       ND       85       15         2041       BH1310       880326       ND       170       1         410       BH1310       880326       ND       170       1         417       BH1315       880328       ND       140	ARPON - PR	ONTERA LAGOONS	WHOLE - 5 FI	SH)		
1251 REP       BH1325       880226       ND       780       11         1220       BH1321       880227       ND       85       11         1227       BH1320       880226       ND       85       11         1227       BH1320       880226       ND       85       11         1227       BH1320       880226       ND       85       11         1203       BH1329       880324       ND       35       15         1204       BH1324       880324       ND       35       15         12040       BH1328       880324       ND       85       15         12040       BH1328       880324       ND       85       15         12040       BH1328       880324       ND       85       15         12041       BH1326       880324       ND       85       15         12041       BH1326       880324       ND       85       15         12041       BH1326       880326       ND       170       1         12410       BH1310       880326       ND       170       1         12417       BH1315       880328       ND       14	(209	BH1318	880226	ND	130	15,000
1220       BH1321       880227       ND       85       11         1227       BH1320       880226       ND       85       11         1227       BH1320       880226       ND       85       11         1227       BH1320       880226       ND       85       11         1203       BH1329       880324       ND       35       15         1204       BH1324       880324       ND       35       15         12040       BH1328       880324       ND       85       15         12040       BH1328       880324       ND       85       15         12041       BH1326       880326       ND       170       1         1410       BH1310       880326       ND       170       1         1417       BH1315       880328       ND       140       1         1211NULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       15       15 <td>251 RBP</td> <td>BH1325</td> <td>880226</td> <td>ND</td> <td>780</td> <td>15,000</td>	251 RBP	BH1325	880226	ND	780	15,000
227       BH1320       880226       ND       85       1         XARPON - BOQUERON (WHOLE - 2 FISH)       35       15         3003       BH1329       880324       ND       35       15         3014       BH1324       880324       ND       35       15         3014       BH1324       880324       ND       35       15         3040       BH1328       880324       ND       85       15         3040       BH1328       880324       ND       85       15         3040       BH1328       880324       ND       85       15         3041       BH1326       880324       ND       85       15         3041       BH1326       880324       ND       85       15         3041       BH1326       880326       ND       85       15         3041       BH1310       880326       ND       170       1         410       BH1310       880326       ND       170       1         417       BH1312       880328       ND       140       1         3140       BH1317       B80225       ND       230       15 <td>220</td> <td>BH1321</td> <td>880227</td> <td>ND</td> <td>85</td> <td>-15,000</td>	220	BH1321	880227	ND	85	-15,000
ARPON - BOQUERON (WHOLE - 2 FISH)         1003       BH1329       B80324       ND       35       19         1014       BH1324       B80324       ND       35       19         1014       BH1324       B80324       ND       35       19         1014       BH1324       B80324       ND       35       19         1014       BH1328       880324       ND       85       15         1040       BH1328       880324       ND       85       15         1041       BH1326       880326       ND       170       1         117       BH1310       880326       ND       170       1         1417       BH1315       880328       ND       140       1         1410       BH1315       880328       ND       140       1         1053       BH1317       880225       ND       230       15	227	BH1320	880226	ND	85	15,000
3003       BH1329       880324       ND       35       19         3014       BH1324       880324       ND       35       19         314       BH1324       880324       ND       35       19         315       State       State       ND       35       19         316       State       State       ND       35       19         317       State       State       ND       85       15         318       State       State       ND       85       15         319       State       State       ND       85       15         310       State       State       State       ND       85       15         311       State       State       ND       85       15         311       State       State       ND       170       1         312       State       ND       170       1         313       State       ND       170       1         3140       State       ND       140       1         3131       State       ND       140       1         3140       State       State	ARPON - BO	QUERON (WHOLE	- 2 FISH)			
14       BH1324       880324       ND       35       15         14       BH1324       880324       ND       35       15         15040       BH1328       880324       ND       85       15         15040       BH1328       880324       ND       85       15         15041       BH1326       880324       ND       85       15         16041       BH1326       880324       ND       85       15         16041       BH1326       880324       ND       85       15         16041       BH1326       880326       ND       85       15         1610       BH1310       880326       ND       170       1         1617       BH1332       880326       ND       85       15         1630       BH1315       880328       ND       140       1         1611NULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       140       1       15         1653       BH1317       880225       ND       230       15	:003	BH1329	880324	ND	35	15,000
ARPON - BOQUERON (WHOLE - 1 FISH)         040       BH1328       880324       ND       85       15         ARPON - BOQUERON (WHOLE - 5 FISH, COMPOSITE)       041       BH1326       880324       ND       85       15         041       BH1326       880324       ND       85       15         041       BH1326       880324       ND       85       15         041       BH1326       880326       ND       170       1         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISE)       410       170       1         417       BH1310       880326       ND       170       1         413       BH1315       880328       ND       140       1         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       140       1       15	014	BH1324	880324	ND	35	15,000
040     BH1328     860324     ND     85     15       CARPON - BOQUERON (WHOLE - 5 FISH, COMPOSITE)     041     BH1326     880324     ND     85     15       CA1     BH1326     880324     ND     85     15       CA1     BH1326     880326     ND     170     1       CARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)     880326     ND     170     1       CA17     BH1332     880326     ND     170     1       CA17     BH1332     880326     ND     140     1       CALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)     80025     ND     230     15	ARPON - BO	QUERON (WHOLE	- 1 FISH)			
ARPON - BOQUERON (WHOLE - 5 FISH, COMPOSITE)         041       BH1326       880324       ND       85       15         CARPON - ROOSEVELT ROADS (WHOLE - 5 FISE)	:040	BH1328	880324	ND	85	15,000
041     BH1326     880324     ND     85     19       ARPON - ROOSEVELT ROADS (WHOLE - 5 FISE)     410     BH1310     880326     ND     170     1       417     BH1332     880326     ND     85     15       430     BH1315     880328     ND     140     1       ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)     53     BH1317     880225     ND     230     15	ARPON - BO	QUERON (WHOLE	- 5 FISH, COHP	OSITE)	·	
ARPON - ROOSEVELT ROADS (WHOLE - 5 FISE)         410       BH1310       880326       ND       170       1         417       BH1332       880326       ND       85       15         430       BH1315       880328       ND       140       1         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       BH1317       880225       ND       230       15	041	BH1326	880324	ND	85	15,000
410       BH1310       880326       ND       170       1         417       BH1332       880326       ND       85       15         430       BH1315       880328       ND       140       1         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       800225       ND       230       15	ARPON - RO	OSEVELT ROADS	(WHOLE - 5 FIST	B)		
417       BH1332       880326       ND       85       15         :430       BH1315       880328       ND       140       1         :ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)         :053       BH1317       880225       ND       230       15	410	BH1310	880326	ND	170	1,000
430         BH1315         880328         ND         140         1           ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)         5         5         5         230         15	417	BH1332	880326	ND	85	15,000
ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES) 1053 BH1317 B80225 ND 230 15	430	BH1315	880328	ND	140	1,000
053 BH1317 880225 ND 230 15	ALLINULES	- PRONTERA LAG	CONS (LIVER -	5 GALLINULES)		
	1053	BH1317	880225	ND	230	15,000

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NCRA METALS - Lead (continued)           SALLINULES - DOQUERON (LIVER - 5 CALLINULES) BAILINULES - PRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS) DOSI BEIJIS BEO225 BADL 270 1,000           CATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS) DOSO BEIJIS 880225 ND 480 15,000           CATTLE SCRETS - BOQUERON (LIVER - 6 CATTLE EGRETS) DOSO BEIJIS 880225 ND 1 1,000           CATALE SCRETS - BOQUERON (LIVER - 6 CATTLE EGRETS) DOSO BEIJIS 880225 ND 1 1,000           CATALE - Selenium           TRABS - FRONTERA NORTH LAGOON (WHOLE - 5 CRABS) F7203 BHI323 880225 ND 1 1,000           F7204 BHI314 880227 ND 80 1,000           FRABS - MANDRI CANAL (WHOLE - 5 CRABS) DA207 BHI311 880224 ND 130 1,000           RABS - MANDRI CANAL (WHOLE - 5 CRABS) DA207 BHI318 880225 ND 130 1,000           RABS - BOQUERON (WHOLE - 5 CRABS) DA207 BHI335 880325 ND 130 1,000           RABS - BOQUERON (WHOLE - 5 CRABS) DA207 BHI335 880325 ND 130 1,000           CARPON - FRONTERA LAGOONS (WHOLE - 5 FISH) 209 BHI331 880226 ND 1 1,000           CARPON - FRONTERA LAGOONS (WHOLE - 5 FISH) 209 BHI331 880226 ND 510 5,000           CARPON - BOQUERON (WHOLE - 1 FISH) 040 BHI328 880324 ND 510 5,000           RAPON - BOQUERON (WHOLE - 1 FISH) 040 BHI328 880324 ND 510 5,000           ARPON - BOQUERON (WHOLE - 1 FISH) 040 BHI328 880324 ND 510 5,000           ANPON - BOQUERON (WHOLE - 1 FISH) 040 BHI328 880324 ND 510 5,000           ANPON - BOQUERON (WHOLE - 1 FISH) 040 BHI328 880325 ND 510 5,000                AND BHI317 880225 ND 510 5,000	Number	Number	Date	Lab Qual	Value	NDL
ALLINULES - BOQUERON (LIVER - 5 CALLINULES)       180       15,000         1052       BH1330       880222       ND       180       15,000         ANTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)       270       1,000         ANTLE SCRETS - BOQUERON (LIVER - 6 CATTLE EGRETS)       880222       ND       480       15,000         ANTLE SCRETS - BOQUERON (LIVER - 6 CATTLE EGRETS)       880222       ND       480       15,000         CCRA HETALS - Selenius       CRASS       ND       1       1,000         RABS - FRONTERA NORTH LAGOON (WHOLE - 5 CRABS)       800225       ND       1       1,000         F203       BH323       880224       ND       130       1,000         F204       BH1312       880224       ND       130       1,000         F207       BH1327       880224       ND       130       1,000         F207       BH1318       880225       ND       130       1,000         FADS - BOQUERON (WHOLE - 5 CRABS)       800221       ND       130       1,000         F207       BH1316       880222       ND       130       1,000         FADS - BOQUERON (WHOLE - 5 CRABS)       001       1,000       1,000       1,000         <	CRA NETALS	- Lead (conta	(nueđ)			
NO52         DE1330         860222         ND         180         15,000           CATTLE BGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE BGRETS)         BMDL         270         1,000           CATTLE BGRETS - BOQUERON (LIVER - 6 CATTLE BGRETS)         BMDL         270         1,000           CATTLE SCRETS - BOQUERON (LIVER - 6 CATTLE SCRETS)         BMDL         270         1,000           CCAA METALS - Selenius         S80222         ND         460         15,000           CCAA METALS - Selenius         S80225         ND         1         1,000           CCAA METALS - Selenius         S80227         ND         80         1,000           CCAA METALS - Selenius         S80224         ND         130         1,000           CCAA BH1314         880224         ND         130         1,000           F220         BH1322         880224         ND         130         1,000           CRAS - NANDRI CANAL (WHOLE - 5 CRABS)         S001         130         1,000         130         1,000           RADS - BOQUERON (WHOLE - 5 CRABS)         S001         800226         ND         130         1,000           C206         BH1316         880226         ND         1         1,000         1,000	ALLINULES -	- BOQUERON (LI	IVER - 5 GALLIN	ULES)		· · · · ·
CATTLE BORETS - FRONTERA LAGOONS (LIVER - 6 CATTLE BORETS)       270       1,000         NOSI       BEI316       BE0225       BHOL       270       1,000         CATTLE BORETS - BOQUERON (LIVER - 6 CATTLE BORETS)       BE1319       BE0222       ND       480       15,000         CRAA METALS - Selenius       SRAES - FRONTERA NORTH LAGOON (WHOLE - 5 CRABS)       1       1,000       1       1,000         CRAA METALS - Selenius       SE0225       ND       1       1,000       1       1,000         CRAA METALS - Selenius       SE0225       ND       1       1,000       1,000         CRAA METALS - Selenius       SE0227       ND       80       1,000         ST203       BH123       S80227       ND       80       1,000         ST204       BH1314       880227       ND       6.8       1,000         SK205       BH1316       860225       ND       130       1,000         SK205       BH1316       860225       ND       130       1,000         SK205       BH1316       860225       ND       130       1,000         SK205       BH1312       880226       ND       1       1,000         SK205       BH1316 <td< td=""><td>1052</td><td>BH1330</td><td>880222</td><td><b>ND</b></td><td>180</td><td>15,000</td></td<>	1052	BH1330	880222	<b>ND</b>	180	15,000
NOS1         BR1316         BE0225         BNDL         270         1,000           XATTLE BGRETS - BOQUERON (LIVER - 6 CATTLE BGRETS)         B00222         ND         460         15,000           NCRA METALS - Selenium         S80222         ND         460         15,000           NCRA METALS - Selenium         S80225         ND         1         1,000           NCRA METALS - Selenium         S80225         ND         1         1,000           NC203         BH1323         880227         ND         80         1,000           Y2204         BH1314         880227         ND         80         1,000           Y2205         BH1314         880227         ND         6.8         1,000           Y2206         BH1311         880227         ND         6.8         1,000           W207         BH1311         880227         ND         6.0         1,000           W208         BH1312         880225         ND         130         1,000           W209         BH1312         880226         ND         130         1,000           V209         BH1318         860226         ND         63         1,000           V210         BH1318<	ATTLE BORE	TS - FRONTERA	LAGOONS (LIVER	- 6 CATTLE EGRET	5)	
XTTLE EGRETS - BOQUERON (LIVER - 6 CATTLE EGRETS)         1050       BH1319       880222       ND       480       15,000         XCRA METALS - Selenium         TRABS - FRONTERA NORTH LAGOON (WHOLE - 5 CRABS)         F7203       BH1323       880225       ND       1       1,000         F7204       BH1314       880227       ND       80       1,000         F7204       BH1314       880227       ND       130       1,000         F7204       BH1314       880227       ND       130       1,000         F7204       BH1311       880224       ND       130       1,000         F7205       BH1311       880224       ND       130       1,000         F7206       BH1312       880225       ND       130       1,000         FRABS - BOQUERON (WHOLE - 5 CRABS)       00       1       1,000       1,000         FRABS - BOQUERON (WHOLE - 5 CRABS)       01       1,000       1,000         FRABS - BOQUERON (WHOLE - 5 CRABS)       01       1,000       1,000         FRABS - BOQUERON (WHOLE - 5 FISH)       10       1,000       1,000         220 BH1321       880226       ND       510       5,000         AR	1051	BE1316	880225	BHDL	270	1,000
NO.5         DEFISIS         DESCRIPTION         PD         CECK         PD         CECK         PD         CECK         PD         CECK         PD         PD <th< td=""><td>ATTLE EGRE</td><td>TS - BOQUERON</td><td>(LIVER - 6 CAT</td><td>TLE BGRETS)</td><td>490</td><td>15 000</td></th<>	ATTLE EGRE	TS - BOQUERON	(LIVER - 6 CAT	TLE BGRETS)	490	15 000
CRA MSTALS - Selenium         RABS - FRONTERA NORTH LACCON (MEOLE - 5 CRABS)         F203 BH1323 880225 ND 1 1,000         P204 BH1314 880227 ND 80 1,000         RABS - MANDRI CANAL (WHOLE - 5 CRABS)         W207 BH1311 880224 ND 130 1,000         RABS - MANDRI CANAL (WHOLE - 5 CRABS)         W207 BH1311 880224 ND 130 1,000         N208 BH1327 880224 ND 130 1,000         W208 BH1327 880224 ND 130 1,000         N208 BH1327 880224 ND 130 1,000         N208 BH1327 880225 ND 370 2,000         RABS - BOQUERON (WHOLE - 5 CRABS)         001 BH1312 680222 ND 80 1,000         ND 130 1,000         NAPON - FRONTREA LACCONS (WHOLE - 5 FISH)         200 BH1318 880226 ND 63 1,000         ARPON - FRONTREA LACCONS (WHOLE - 5 FISH)         207 BH1320 880226 ND 67 5,000         ARPON - BOQUERON (WHOLE - 2 FISE)         014 BH1324 880324 ND 510 5,000         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)         410 BH1328 880326 ND 87 5,000         ALLINULES - FRONTERA LACCONS (LIVER - 5 GALLINULES)         053 BH1317 880225 ND 510 5,000         ALLINULES - PRO		BEIJIA	880222	<b>in</b>	480	19,000
RABS - FRONTERA NORTH LAGOON (WHOLE - 5 CRABS)       1       1,000         17203       BH1323       880225       ND       1       1,000         17204       BH1314       880227       ND       80       1,000         17204       BH1314       880224       ND       130       1,000         TRABS - MANDRI CANAL (WHOLE - 5 CRABS)       0       0       1,000         W207       BH1311       880224       ND       130       1,000         W208       BH1327       680224       ND       130       1,000         W208       BH1316       680225       ND       370       2,000         W208       BH1312       680222       ND       80       1,000         W208       BH1312       680225       ND       130       1,000         W208       BH1318       680226       ND       130       1,000         W209       BH1318       680226       ND       63       1,000         120       BH1321       880227       ND       87       5,000         X209       BH1318       680226       ND       63       1,000         121       REPON - FRONTERA LACOONS (WHOLE - 2 FISE)       87 <td>CRA NETALS</td> <td>- Selenium</td> <td></td> <td>· · · ·</td> <td></td> <td>· .</td>	CRA NETALS	- Selenium		· · · ·		· .
F203       BH1323       880225       ND       1       1,000         F204       BH1314       880227       ND       B0       1,000         F204       BH1314       880227       ND       B0       1,000         RABS - MANDRI CANAL (MHOLE - 5 CRABS)       X207       BE1311       880224       ND       6.8       1,000         N206       BH1327       880224       ND       130       1,000         N206       BH1327       880224       ND       130       1,000         N206       BH1327       880224       ND       130       1,000         N207       BH1336       880225       ND       130       1,000         N208       BH1335       880325       ND       130       1,000         N206       BH1335       880226       ND       1       1,000         N207       BH13318       880226       ND       1       1,000         S21       REP       BH1321       880226       ND       510       5,000         ARPON - FRONTREA LAGCONS (WHOLE - 5 FISH)       1       1,000       510       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       880326       ND       87 <t< td=""><td>RABS - FROM</td><td>NTERA NORTH LA</td><td>GOON (WHOLE -</td><td>5 CRABS)</td><td>•</td><td></td></t<>	RABS - FROM	NTERA NORTH LA	GOON (WHOLE -	5 CRABS)	•	
P204       BH1314       880227       ND       80       1,000         P220       BH1322       880224       ND       130       1,000         P220       BH1322       880224       ND       130       1,000         P220       BH1312       880224       ND       6.8       1,000         P206       BH1311       880224       ND       130       1,000         P207       BH1312       880224       ND       130       1,000         P206       BH1317       860224       ND       130       1,000         P220       BH1316       860225       ND       370       2,000         P206       BH1312       880222       ND       80       1,000         P207       BH1315       880325       ND       130       1,000         P217       BH1324       B80226       ND       63       1,000         P217       BH1320       880226       ND       510       5,000         P277       BH1320       880226       ND       510       5,000         P277       BH1320       880324       ND       510       5,000         P277       BH1328       88	F203	BH1323	880225	ND	1	1,000
BH1322     SB0224     ND     130     1,000       RABS - MANDRI CANAL (WHOLE - 5 CRABS)     M207     BH1311     SB0224     ND     6.8     1,000       M206     BH1327     SB0224     ND     130     1,000       M208     BH1327     SB0226     ND     370     2,000       RRABS - BOQUERON (WHOLE - 5 CRABS)     S001     BU1312     SB0226     ND     130     1,000       S026     BH1318     SB0226     ND     130     1,000       M209     BH1318     SB0226     ND     63     1,000       S220     BH1321     SB0226     ND     510     5,000       ARPON - BOQUERON (WHOLE - 2 FISH)     S10     5,000     510     5,000       ARPON - BOQUERON (WHOLE - 1 FISH)     S80324     ND     87     5,000       ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)     S10     5,000     87     5,000       ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)     S7     5,000     87     5,000       G53	F204	BH1314	880227	ND .	80	1,000
RABS - MANDRI CANAL (WHOLE - 5 CRABS)         M207       BH1311       880224       ND       6.8       1,000         M208       BH1327       880224       ND       130       1,000         M200       BH1336       680225       ND       370       2,000         RABS - BOQUERON (WHOLE - 5 CRABS)       001       BH1312       880222       ND       60       1,000         026       BH1335       880325       ND       130       1,000         026       BH1318       880226       ND       1       1,000         026       BH1318       880226       ND       1       1,000         209       BH1318       880226       ND       63       1,000         21       REPON - FRONTREA LAGOONS (WHOLE - 5 FISH)       87       5,000         220       BH1321       880226       ND       510       5,000         ARPON - BOQUERON (WHOLE - 2 FISH)       014       BH1324       880324       ND       510       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       880326       ND       87       5,000         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       040       BH1310       880326       ND	F220	BH1322	880224	ND	130	1,000
M207 BH1311 880224 ND 6.8 1,000 M208 BH1327 880224 ND 130 1,000 M220 BH1336 880225 ND 370 2,000 RAES - BOQUERON (WHOLE - 5 CRABS) 001 BH1312 880222 ND 80 1,000 026 BH1335 880325 ND 130 1,000 ARPON - FRONTREA LACCONS (WHOLE - 5 FISH) 209 BH1318 880226 ND 63 1,000 220 BH1321 880227 ND 87 5,000 227 BH1320 880226 ND 63 1,000 ARPON - BOQUERON (WHOLE - 2 FISH) 014 BH1324 880324 ND 510 5,000 ARPON - BOQUERON (WHOLE - 1 FISH) 040 BH1328 880324 ND 87 5,000 ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH) 410 BH1310 880326 ND 87 5,000 ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH) 410 BH1310 880326 ND 87 5,000 ALLINULES - FRONTERA LACCONS (LIVER - 5 GALLINULES) 053 BH1317 880225 ND 510 5,000 ALLINULES - BOQUERON (LIVER - 5 CALLINULES) 052 BH130 880325 ND 930 5,000 ALLINULES - PRONTERA LACCONS (LIVER - 6 CATTLE EGRETS) 051 BH1316 880225 1,200 1,000 ATTLE EGRETS - FRONTERA CREEK (LIVER - 6 CATTLE EGRETS) 051 BH1316 880225 1,200 1,000	RABS - MANI	DRI CANAL (WHO	LE - 5 CRABS)			
M206       BE1327       860224       ND       130       1,000         M220       BH1336       880225       ND       370       2,000         RABS - BOQUERON (WHOLE - 5 CRABS)       001       BH1312       880222       ND       80       1,000         0026       BH1335       880325       ND       130       1,000         ARPON - FRONTREA LACCONS (WHOLE - 5 FISH)       1       1,000       1,000         ARPON - FRONTREA LACCONS (WHOLE - 5 FISH)       1       1,000         209       BH1325       880226       ND       63       1,000         217       BH1325       880226       ND       87       5,000         220       BH1321       880226       ND       510       5,000         ARPON - BOQUERON (WHOLE - 2 FISH)       014       EH1324       880324       ND       510       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       680326       ND       87       5,000         ALLINULES - FRONTERA LACCONS (LIVER - 5 FISH)       410       BH1310       880326       ND       87       5,000         ALLINULES - FRONTERA LACCONS (LIVER - 5 GALLINULES)       053       BH1317       880225       ND       510	1207	BH1311	880224	ND	6.8	1,000
N220       BH1336       680225       ND       370       2,000         RABS - BOQUERON (WHOLE - 5 CRABS)       001       BH1312       880222       ND       80       1,000         026       BH1335       880325       ND       130       1,000         026       BH1318       880226       ND       1       1,000         027       BH1318       880226       ND       63       1,000         209       BH1318       880226       ND       63       1,000         217       BH1321       880226       ND       67       5,000         220       BH1321       880226       ND       510       5,000         227       BH1320       880226       ND       510       5,000         227       BH1320       880226       ND       510       5,000         ARPON - BOQUERON (WHOLE - 2 FISE)       014       BH1328       880324       ND       87       5,000         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISE)       040       BH1310       880326       ND       6.8       1,000         417       BH1332       880326       ND       510       5,000       6.1417       81032       880225       7	M208	BE1327	880224	ND	130	1,000
RABS - BOQUERON (WHOLE - 5 CRABS)       80222       ND       80       1,000         026       BH1312       880222       ND       130       1,000         026       BH1335       880325       ND       130       1,000         027       BH1318       880226       ND       1       1,000         209       BH1318       880226       ND       63       1,000         220       BH1321       880227       ND       87       5,000         227       BH1320       680226       ND       510       5,000         ARPON - BOQUERON (WHOLE - 2 FISE)       014       BH1324       880324       ND       510       5,000         ARPON - BOQUERON (WHOLE - 1 FISE)       040       BH1328       880324       ND       87       5,000         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISE)       410       B1310       880326       ND       6.8       1,000         417       BH1312       880326       ND       510       5,000         ALLINULES - PRONTERA LACCONS (LIVER - 5 GALLINULES)       510       5,000       30         053       BH1317       880225       ND       510       5,000         ALLINULES - PRONTERA LACCONS (LIVER -	M220	BH1336	880225	ND	370	2,000
001       BH1312       880222       ND       80       1,000         026       BH1335       880325       ND       130       1,000         ARPON - FRONTREA LACCONS (WHOLE - 5 FISH)       1       1,000       1       1,000         209       BH1318       880226       ND       1       1,000         251 REP       BH1325       880226       ND       63       1,000         220       BH1321       880227       ND       87       5,000         227       BH1320       680226       ND       510       5,000         ARPON - BOQUERON (WHOLE - 2 FISH)       014       BH1324       880324       ND       510       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       880324       ND       87       5,000         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       410       BH310       880326       ND       6.8       1,000         417       BH1332       880326       ND       510       5,000         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       510       5,000       500         053       BH1317       880225       ND       510       5,000       500       5,000       500 <td>RABS - BOQU</td> <td>UERON (WHOLE -</td> <td>5 CRABS)</td> <td></td> <td></td> <td></td>	RABS - BOQU	UERON (WHOLE -	5 CRABS)			
026       BH1335       880325       ND       130       1,000         ARPON - FRONTREA LAGOONS (WHOLE - 5 FISH)       1       1,000         209       BH1318       880226       ND       1       1,000         251       REP       BH1325       880226       ND       63       1,000         220       BH1321       880227       ND       87       5,000         227       BE1320       680226       ND       510       5,000         ARPON - BOQUERON (WHOLE - 2 FISH)       014       BH1324       880324       ND       510       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       880324       ND       87       5,000         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       410       BH1310       880326       ND       87       5,000         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       053       BH1317       880225       ND       510       5,000         ALLINULES - POQUERON (LIVER - 5 GALLINULES)       052       BH1330       680222       ND       930       5,000         ALLINULES - POQUERON (LIVER - 5 GALLINULES)       052       BH1330       680225       ND       930       5,000         051	001	BH1312	880222	ND	80	1,000
ARPON - FRONTREA LAGOONS (WHOLE - 5 FISH)         209       BH1318       880226       ND       1       1,000         251       REP       BH1325       880226       ND       63       1,000         220       BH1321       880227       ND       67       5,000         227       BH1320       680226       ND       510       5,000         ARPON - BOQUERON (WHOLE - 2 FISH)       014       BH1324       880324       ND       510       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       880324       ND       87       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       880324       ND       87       5,000         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       040       BH1310       880326       ND       87       5,000         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       053       BH1317       880225       ND       510       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       052       BH1330       680222       ND       930       5,000       7         051       BH1316       880225       ND       930       5,000       7       7         051 <td>026</td> <td>BH1335</td> <td>880325</td> <td>ND</td> <td>130</td> <td>1,000</td>	026	BH1335	880325	ND	130	1,000
209       BH1318       880226       ND       1       1,000         251       REP       BH1325       880226       ND       63       1,000         220       BH1321       880227       ND       87       5,000         227       BH1320       680226       ND       510       5,000         ARPON - BOQUERON (WHOLE - 2 FISH)       014       BH1324       880324       ND       510       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       880324       ND       87       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       880326       ND       87       5,000         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       040       BH1310       880326       ND       6.8       1,000         410       BH1310       S80326       ND       87       5,000         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       053       BH1317       880225       ND       510       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       052       BH1330       880222       ND       930       5,000         051       BH1316       880225       1,200       1,000       09/14/1990    <	ARPON - TR	ONTREA LAGOONS	WHOLE - 5 FIS	SH)	•	
251 REP       BH1325       880226       ND       63       1,000         220       BH1321       880227       ND       87       5,000         227       BH1320       880226       ND       510       5,000         ARPON - BOQUERON (WHOLE - 2 FISH)       014       BH1324       880324       ND       510       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       880324       ND       87       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       880324       ND       87       5,000         ARPON - BOOSEVELT ROADS (WHOLE - 5 FISH)       410       BH1310       880326       ND       6.8       1,000         417       BH1332       880326       ND       87       5,000         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       510       5,000       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       510       5,000       5,000       5,000         ATTLE EGRETS - FRONTERA CREEK (LIVER - 6 CATTLE EGRETS)       051       BH1316       880225       1,200       1,000         051       BH1316       880225       1,200       1,000       09/14/1990	209	BH1318	880226	ND	1	1,000
220       BH1321       880227       ND       87       5,000         227       BH1320       680226       ND       510       5,000         ARPON - BOQUERON (WHOLE - 2 FISH)       014       BH1324       880324       ND       510       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       680324       ND       87       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       680324       ND       87       5,000         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       410       BH1310       880326       ND       6.8       1,000         417       BH1322       680326       ND       87       5,000         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       053       BH1317       680225       ND       510       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       052       BH1330       880222       ND       930       5,000       7         ATTLE EGRETS - FRONTERA CREEK (LIVER - 6 CATTLE EGRETS)       051       BH1316       880225       1,200       1,000         051       BH1316       880225       1,200       1,000       09/14/1990	251 REP	BE1325	880226	ND	63	1,000
227       BE1320       880226       ND       510       5,000         ARPON - BOQUERON (WHOLE - 2 FISE)       014       BH1324       880324       ND       510       5,000         ARPON - BOQUERON (WHOLE - 1 FISE)       040       BH1328       880324       ND       87       5,000         ARPON - BOQUERON (WHOLE - 1 FISE)       040       BH1328       880324       ND       87       5,000         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISE)       410       BH1310       880326       ND       6.8       1,000         417       BH1312       880326       ND       87       5,000         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       053       BH1317       880225       ND       510       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       052       BH1330       880222       ND       930       5,000         ATTLE EGRETS - FRONTERA CREEK (LIVER - 6 CATTLE EGRETS)       051       BH1316       880225       1,200       1,000         051       BH1316       880225       1,200       1,000       09/14/1990	220	BH1321	880227	ND	87	5,000
ARPON - BOQUERON (WHOLE - 2 FISH)         014       BH1324       880324       ND       510       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       880324       ND       87       5,000         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       880324       ND       87       5,000         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       410       BH1310       880326       ND       6.8       1,000         417       BH1332       B80326       ND       87       5,000         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       053       BH1317       880225       ND       510       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       052       BH1330       880222       ND       930       5,000         ATTLE EGRETS - FRONTERA CREEK (LIVER - 6 CATTLE EGRETS)       051       BH1316       880225       1,200       1,000         09/14/1990       01       01       01       01       01       01       01	227	BE1320	880226	ND	510	5,000
014         BH1324         880324         ND         510         5,000           ARPON - BOQUERON (WHOLE - 1 FISH)         040         BH1328         880324         ND         87         5,000           ARPON - BOQUERON (WHOLE - 1 FISH)         040         BH1328         880324         ND         87         5,000           ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)         410         BH1310         880326         ND         6.8         1,000           417         BH1332         880326         ND         87         5,000           ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)         053         BH1317         B80225         ND         510         5,000           ALLINULES - BOQUERON (LIVER - 5 GALLINULES)         052         BH1330         880222         ND         930         5,000           ALTILE EGRETS - PRONTERA CREEK (LIVER - 6 CATTLE EGRETS)         051         BH1316         880225         1,200         1,000           09/14/1990         01         01         00         1,000         09/14/1990         1	ARPON - BOO	DUERON (WHOLE	- 2 FISE)			
ARPON - BOQUERON (WHOLE - 1 FISH)         040       BH1328       880324       ND       87       5,000         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)         410       BH1310       880326       ND       6.8       1,000         417       BH1322       880326       ND       87       5,000         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       87       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       510       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       930       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       930       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       930       5,000         052       BH1330       880222       ND       930       5,000         ATTLE EGRETS - FRONTERA CREEK (LIVER - 6 CATTLE EGRETS)       1,200       1,000       09/14/1990	014	BE1324	880324	ND	510	5,000
040         BH1328         880324         ND         87         5,000           ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)         410         BH1310         880326         ND         6.8         1,000           410         BH1310         880326         ND         6.8         1,000           417         BH1332         880326         ND         87         5,000           ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)         87         510         5,000           ALLINULES - BOQUERON (LIVER - 5 GALLINULES)         510         5,000         5,000           ALLINULES - BOQUERON (LIVER - 5 GALLINULES)         930         5,000         5,000           ALLINULES - BOQUERON (LIVER - 5 GALLINULES)         930         5,000         5,000         5,000           ALTILE EGRETS - PRONTERA CREEK (LIVER - 6 CATTLE EGRETS)         051         BH1316         880225         1,200         1,000           09/14/1990         09/14/1990         1,000         1,000         1,000         1,000         1,000	ARPON - BOG	UERON (WHOLE	- 1 PISH)			
ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)         410       BH1310       880326       ND       6.8       1,000         417       BH1332       880326       ND       87       5,000         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       053       BH1317       880225       ND       510       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       052       BH1330       880222       ND       930       5,000         ALTILE EGRETS - FRONTERA CREEK (LIVER - 6 CATTLE EGRETS)       051       BH1316       880225       1,200       1,000         09/14/1990       09/14/1990       09/14/1990       00       09/14/1990       00	040	BE1328	880324	ND	87	5,000
410       BH1310       880326       ND       6.8       1,000         417       BH1332       B80326       ND       87       5,000         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       053       BH1317       880225       ND       510       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       052       BH1330       880222       ND       930       5,000         ALTILE EGRETS - FRONTERA CREEK (LIVER - 6 CATTLE EGRETS)       051       BH1316       880225       1,200       1,000         09/14/1990       09/14/1990       00       09/14/1990       00       00       00	ARPON - ROO	SEVELT ROADS	(WHOLE - 5 FISH	- 		
417       BH1332       880326       ND       87       5,000         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       510       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       510       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       930       5,000         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       930       5,000         ALTILE EGRETS - BODUERON (LIVER - 6 CATTLE EGRETS)       930       5,000         CATTLE EGRETS - FRONTERA CREEK (LIVER - 6 CATTLE EGRETS)       1,200       1,000         0051       BH1316       880225       1,200       1,000	410	BE1310	880326	ND	6.8	1,000
ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES) 053 BH1317 880225 ND 510 5,000 ALLINULES - BOQUERON (LIVER - 5 GALLINULES) 052 BH1330 880222 ND 930 5,000 6 ATTLE EGRETS - FRONTERA CREEK (LIVER - 6 CATTLE EGRETS) 051 BH1316 880225 1,200 1,000 09/14/1990	417	BH1332	880326	ND	87	5,000
053         BH1317         880225         ND         510         5,000           ALLINULES - BOQUERON (LIVER - 5 GALLINULES)         ND         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         5,000         930         930         930         930	ALLINULES -	- FRONTERA LAG	OONS (LIVER - S	GALLINULES)		•
ALLINULES - BOQUERON (LIVER - 5 GALLINULES) 052 BH1330 880222 ND 930 5,000 7 ATTLE EGRETS - FRONTERA CREEK (LIVER - 6 CATTLE EGRETS) 051 BH1316 880225 1,200 1,000 09/14/1990	053	BH1317	880225	ND	510	5,000
052 BH1330 880222 ND 930 5,000 6 ATTLE EGRETS - FRONTERA CREEK (LIVER - 6 CATTLE EGRETS) 051 BH1316 880225 1,200 1,000 09/14/1990	ALLINULES -	- BOQUERON (LI	VER - 5 GALLINU	JLES)	•	Li.
ATTLE EGRETS - FRONTERA CREEK (LIVER - 6 CATTLE EGRETS) 1,200 1,000 09/14/1990	1052	BH1330	880222	ND	930	5,000
051 BH1316 880225 1,200 1,000	ATTLE EGRET	IS - PRONTERA	CREEK (LIVER -	6 CATTLE EGRETS)		•
09/14/1990	051	BH1316	880225	•	1,200	1,000
92/14/1330						09/14/1090

			(COSLIBUOD)		
Dynamac Number	ETC Number	Date	Lab Qual	Value	NDI
RCRA NETALS	1 - Selenium (d	continued)		·····	
	······································				
<b>Cattle E</b> gre No50	TS - BOQUERON BH1319	(LIVER - 6 CAT 880222	TLE EGRETS) ND	510	5,000
RCRA METALS	- Silver				
-	NTERA NORTH I		C CDARCA		
CF220	BE1322	880224	BHOL	460	2,000
CRARS - MAN	DRI CANAL (WHO	LE - 5 CRABS)			
CN208	BH1327	880224	BADL.	590	2.000
CH220	BH1336	880225	BIOL	590	2.000
	9112 9 9 9	~~~~~~			-,
CRABS - BOG	UERON (WHOLE -	· 5 CRABS)		300	
0001	BH1312	880222	ND	390	2,000
2026	BH1335	880325	BNDL	850	2,000
CRABS - ROO	SEVELT ROADS (	WHOLE - 5 CRAB	S)		
C411	BH1334	880327	BNDL	920	2,000
TARPON - PR	ONTERA LAGOONS	WHOLE - 5 PI	SH)		
¥209	BH1318	880226	ND	260	2,000
TARDON - RO	OUTRON (WHOLE	- 2 FISH)			
$\mathbf{r}_{002}$	202700 (HIODA	980324	ND	260	2.000
	DD1327 BU1334	880324	ND	330	2,000
	<i><b>DI</b>1344</i>	000324	ND	550	2,000
TARPON - BO	QUERON (WHOLE	- 1 FISH)			
X040	BH1328	880324	BHOL	530	2,000
TARPON - RO	OSEVELT ROADS	(WHOLE - 5 FIS	8)		
1410	891310	880326	ND	3.6	2,000
K430	BE1315	880328	ND	200	2,000
	- PRONTERN INC	ONE (LIVER -	CALLTNUT PSA		
MOS3	BH1317	880225	ND	200	2,000
RCRA METALS	- Zinc				
CRABS - PRO	NTERA NORTH LA	GOON (WHOLE -	5 CRABS)		
CF203	BH1323	880225		28,000	4,000
CF204	BH1314	880227		28,000	4,000
CF220	BH1322	880224		41,000	4,000
CRABS - MAN	DRI CANAL (WHO	LE - 5 CRABS)			
CH207	BH1311	880224		25,000	4,000
		000004		29 000	4 000
CK208	BH1327	650229		47,000	47000

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Dynamac	BTC				•
Number	Number	Date	Lab Qual	Value	HDL
RCRA METALS	<u>5 - Zinc</u> (Cont.	inued)			
CRABS - BOG	UERCN (WHOLE -	- 5 CRABS)			
C001	BH1312	880222		24,000	4,000
C008	BH1313	880323		22,000	4,000
C026	BH1335	880325		30,000	4,000
CRABS - ROO	SEVELT ROADS	WHOLE - 5 CRAB	S)		
C411	BH1334	880327		28,000	4,000
C415	BH1331	880328		30,000	4,000
C418	BH1333	<b>880328</b>		21,000	4,000
TARPON - FF	ONTERA LAGOONS	(WHOLE - 5 FI	SH)		
X209	BH1318	880226		17,000	4,000
X251 REP	BH1325	880226		15,000	4,000
X220	BH1321	880227		20,000	4,000
¥227	BH1320	880226		22,000	4,000
TARPON - BO	QUERON (WHOLE	- 2 FISH)			
x003	BH1329	880324		21,000	4,000
K014	BH1324	880324		13,000	4,000
TARPON - BC	QUERON (WHOLE	- 1 FISH)			
K040	BH1328	880324		21,000	4,000
TARPON - BO	QUERON (WHOLE	- 5 FISH, COMP	OSITE)		
X041	BH1326	880324		12,000	4,000
TARPON - RO	OSEVELT ROADS	(WHOLE - 5 FIS	8)		
X410	BH1310	880326		36,000	4,000
X417	BH1332	880326		27,000	4.000
K430	BH1315	880328		24,000	4,000
ALLINULES	- PRONTERA LAG	OONS (LIVER -	5 GALLINULES)		
1053	BH1317	880225		35,000	4,000
ALLINULES	- BOQUERON (LI	VER - 5 GALLIN	TLES)		
1052	BH1330	880222	•	36,000	4,000
ATTLE EGRE	TS - FRONTERA	LAGOONS (LIVER	- 6 CATTLE EGRES	rs)	•
(051	BH1316	880225		39,000	4,000
ATTLE EGRE	TS - BOQUERON	(WHOLE - 6 CAT	TLE EGRETS)		
1050	BH1319	880222		26,000	4,000
THER/MISCE	LLANEOUS - Alu	minum			
RABS - PRO	NTERA NORTH LA	Goon (Whole - !	CRABS)		
F203	BH1323	880225	•	34,000	20.000
F204	BH1314	880227	•	26.000	20.000
F220	BH1322	880224		33,000	20,000
					00/11/1000

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TABLE

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		TABLE 15	(continued)		
Dynamac Numbor	BTC Number	Date		Value	NDI.
OTHER/MISC.	ELLANEOUS - An	<u>timony</u> (continu	●d)		
CRABS - MAI	NDRI CANAL (WE	OLE - 5 CRABS)			
CH207	BH1311	880224	BNDL	3,900	12,000
CH208	BH1327	880224	ND	1,000	12,000
CH220	BH1336	880225	BHOL	4,200	12,000
CRABS - BO	QUERON (WHOLE -	- 5 CRABS)			
C001	BH1312	880222	BNDL	3,200	12,000
C008	BH1313	880323	BNDL	2,700	12,000
C026	BH1335	880325	BNDL	3,700	12,000
CRABS - RO	OSEVELT ROADS	WHOLE - 5 CRAB	\$ }		
C411	BH1334	880327	BNDL	3,400	12,000
C418	BH1333	880 <b>328</b>	ND	720	12,000
TARPON - M	RONTERA LAGOONS	S (WHOLE - 5 FI	SH)		
X209	BH1318	880226	ND	1,900	12,000
1251 REP	BH1325	880226	ND	1,600	12,000
X220	BH1321	880227	BNDL	2,500	12,000
¥227	BH1320	880226	ND	2,100	12,000
TARPON - BO	QUERON (WHOLE	- 2 FISH)			
X003	BH1329	880324	BNDL	3,300	12,000
X014	BH1324	880324	BHDL	2,800	12,000
TARPON - BO	QUERON (WHOLE	- 1 FISH)			
X040	BH1328	880324	BHDL	3,600	12,000
TARPON - BO	QUERON (WHOLE	- 5 FISH, COMPO	OSITE)		
X041	BH1326	880324	BHOL	3,500	12,000
TARPON - RO	SEVELT ROADS	(WHOLE - 5 FIS	8)		
X410	BH1310	880326	ND	1,500	12,000
X417	BH1332	880326	ND	700	12,000
X430	BH1315	880328	BHOL	3,000	12,000
GALLINULES	- FRONTERA LAC	GOONS (LIVER - !	5 GALLINULES)		
M053	BH1317	880225	BHOL	2,400	12,000
GALLINULES	- BOQUERON (LI	IVER - 5 GALLIN	JLES)		
M052	BH1330	880222	BHOL	4,300	12,000
CATTLE EGRE	BTS - FRONTERA	LAGOONS (LIVER	- 6 CATTLE EGRET	(5)	
H051	BH1316	880225	BMDL	5,300	12,000
CATTLE EGRE	TS - BOQUERON	(LIVER - 6 CAT	TLE EGRETS)		
M050	BH1319	880222	BHDL	2,700	12,000

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Laber         Number         Date         Lab Qual         Value         N           TTERS/MISCELLANEOOS - Calcius         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T	Dynamac	BTC				
THER/MISCELLAVEOUS - Calcium           RARS - FRONTERA NORTH LAGOON (WHOLE - 5 CRABS)           7203         BH1323         B60225         42,300,000         40,0           7204         BH1314         B60227         39,500,000         40,0           7205         BH1322         B60224         18,700,000         40,0           7200         BH1312         B60224         60,100,000         40,0           RANS - MANDRI CANAL (WHOLE - 5 CRABS)         K001         BH1312         B60222         78,300,000         40,0           K200         BH1312         B60222         78,300,000         40,0         00,0           K201         BH1312         B60223         78,300,000         40,0           K200         BH1312         B60225         32,700,000         40,0           K201         BH1313         B60327         45,300,000         40,0           K21         BH1331         B60328         57,900,000         40,0           K11         BH1333         B60327         45,300,000         40,0           K21         BH1331         B60226         10,500,000         40,0           K11         BH1333         B60326         10,500,000         40,0	Nuber	Number	Date	Lab Qual	Value	×
RABS - FRONTERA NORTH LAGOON (WHOLE - 5 CRABS)       42,300,000       40,0         7203       BH1323       850225       42,300,000       40,0         7204       BH1314       850227       35,500,000       40,0         7205       BH1322       850224       18,700,000       40,0         7206       BH1311       850224       60,100,000       40,0         7207       BH1311       850224       68,600,000       40,0         7208       BH1327       860225       78,300,000       40,0         7209       BH1312       850225       78,300,000       40,0         7204       BH1313       860323       66,300,000       40,0         7205       BH1313       860325       32,700,000       40,0         7206       BH1333       860325       32,700,000       40,0         7218       BH1333       860326       16,600,000       40,0         7218       BH1333       860326       16,600,000       40,0         7218       BH1333       880226       16,600,000       40,0         7219       BH1331       880226       16,600,000       40,0         7220       BH1321       82027       18,800,000	OTEER/MISCE	SLLANBOUS - Ce.	lcium			
7203       BE1223       BE0225       42,300,000       40,0         7204       BE1314       BE0227       39,500,000       40,0         7220       BE1322       BE0224       18,700,000       40,0         7204       BE1311       BE0224       60,100,000       40,0         7205       BE1311       BE0224       60,100,000       40,0         7206       BE1327       BE0224       65,600,000       40,0         7207       BE1316       BE0225       97,700,000       40,0         7208       BE1325       BE0225       97,700,000       40,0         7209       BH1312       BE0225       27,8,300,000       40,0         7216       BH1335       BE0325       32,700,000       40,0         7217       BH1335       BE0327       45,300,000       40,0         7218       BH1331       BE0328       57,900,000       40,0         7217       BH1333       BE0226       16,600,000       40,0         7218       BH1331       BE0226       10,500,000       40,0         7217       BH1321       BE0226       22,300,000       40,0         7220       BH1318       BE0226       22,300,000 <td>CRABS - PRO</td> <td>NTERA NORTH LI</td> <td>AGOON (WHOLE - 5</td> <td>CRABS)</td> <td></td> <td></td>	CRABS - PRO	NTERA NORTH LI	AGOON (WHOLE - 5	CRABS)		
7204       BH1314       BB0227       39,500,000       40,0         7220       BH1322       BB0224       18,700,000       40,0         RABS - MANDRI CANAL (WHOLE - 5 CRABS)       K007       BH1311       BB0224       60,100,000       40,0         K207       BH1311       BB0224       60,100,000       40,0         K208       BH1327       BB0224       68,600,000       40,0         K209       BH1316       BB0225       97,F00,000       40,0         K200       BH1312       BB0225       78,300,000       40,0         K200       BH1313       BB0323       66,300,000       40,0         K206       BH1313       BB0327       45,300,000       40,0         K211       BH1314       BB0327       45,300,000       40,0         K411       BH1331       BB0328       57,900,000       40,0         K411       BH1331       BB0326       16,600,000       40,0         K411       BH1334       BB0327       45,300,000       40,0         K413       BH1333       BB0326       10,500,000       40,0         K414       BH1334       BB0326       10,500,000       40,0         K415       BH1318<	CF203	BH1323	880225		42,300,000	40,0
F220       BE1322       BE0224       18,700,000       40,0         RAES - HANDRI CANAL (WHOLE - 5 CRAES)       60,100,000       40,0         RAOT       BE1311       880224       60,100,000       40,0         RAES - HANDRI CANAL (WHOLE - 5 CRAES)       68,600,000       40,0         RAES - BOQUERON (WHOLE - 5 CRAES)       97,600,000       40,0         RAES - BOQUERON (WHOLE - 5 CRAES)       001       BH1312       880222       78,300,000       40,0         RAES - ROOSEVELT ROADS (WHOLE - 5 CRAES)       411       BH1334       880327       45,300,000       40,0         411       BH1331       880328       57,900,000       40,0         418       BH1333       880328       57,900,000       40,0         418       BH1331       880226       10,500,000       40,0         200       BH1318       880226       10,500,000       40,0         221       BH1320       880324       7,100,000       40,00         021       BH1	C7204	BH1314	880227		39,500,000	40,0
RABS - MANDRI CANAL (MHOLE - 5 CRABS)         X207       BEI311       880224       60,100,000       40,0         X208       BEI327       880224       68,600,000       40,0         N208       BEI3327       880225       97,200,000       40,0         N220       BEI336       880225       97,200,000       40,0         N220       BEI331       880225       97,200,000       40,0         N220       BEI333       880323       66,300,000       40,0         001       BH1313       880323       56,300,000       40,0         0026       BEI333       880328       32,700,000       40,0         411       BH1333       880328       57,900,000       40,0         415       BH1333       880328       57,900,000       40,0         418       BH1333       880328       57,900,000       40,0         209       BH1331       880226       16,600,000       40,0         210       BH1321       880226       10,500,000       40,0         220       BH1321       880226       22,300,000       40,0         221       BH1320       880324       10,200,000       40,00         030	C7220	BH1322	880224		18,700,000	40,0
M207       BH1311       \$80224       60,100,000       40,00         M208       BH1327       \$80224       68,600,000       40,0         M200       BH1335       \$80225       97,800,000       40,0         M200       BH1312       \$80225       97,800,000       40,0         M200       BH1312       \$80225       97,800,000       40,0         M200       BH1312       \$80222       78,300,000       40,0         M201       BH1313       \$80323       66,300,000       40,0         M208       BH1313       \$80327       45,300,000       40,0         M211       BH1331       \$80327       45,300,000       40,0         M11       BH1331       \$80328       43,400,000       40,0         A15       BH1331       \$80328       57,900,000       40,0         A18       BH1325       \$80226       10,500,000       40,0         A18       BH1321       \$80226       10,500,000       40,0         A227       BH1321       \$80226       10,500,000       40,0         A220       BH1321       \$80324       7,100,000       40,0         A221       BH1324       \$80324       7,100,000	CRABS - MAN	DRI CANAL (WHO	DLE - 5 CRABS)			
M208       BH1327       \$80224       68,600,000       40,0         M220       BH1336       \$80225       97,200,000       40,0         M201       BH1312       \$80225       97,200,000       40,0         M203       BH1312       \$80225       97,200,000       40,0         M204       BH1312       \$80222       78,300,000       40,0         M205       BH1313       \$80323       66,300,000       40,0         M206       BH1313       \$80325       32,700,000       40,0         M206       BH1313       \$80325       32,700,000       40,0         M215       BH1331       \$80328       43,400,000       40,0         A11       BH1333       \$80328       57,900,000       40,0         A18       BH1331       \$80328       57,900,000       40,0         A18       BH1321       \$80226       10,500,000       40,0         M217       BH1321       \$80227       18,800,000       40,0         M217       BH1320       \$80324       10,200,000       40,00         M217       BH1320       \$80324       7,100,000       40,00         M218       BH1328       \$80324       3,100,000	CH207	BE1311	880224		60,100,000	40,0
N220         BH1336         880225         97,600,000         40,0           RABS - BOQUERON (WHOLE - 5 CRABS)         880323         66,300,000         40,0           008         BH1313         880323         66,300,000         40,0           008         BH1313         880325         32,700,000         40,0           007         RABS - ROOSEVELT ROADS (WHOLE - 5 CRABS)         411         BH1331         880327         45,300,000         40,0           411         BH1331         880328         43,400,000         40,0         40,0           418         BH1333         880328         57,900,000         40,0           418         BH1333         880328         57,900,000         40,0           209         BH1318         880226         10,500,000         40,0           21         BH1321         880226         10,500,000         40,0           220         BH1321         880324         10,200,000         40,0           221         BH1320         880324         7,100,000         40,0           221         BH1326         880324         15,500,000         40,0           014         BH1326         880326         21,00,000         40,0 <tr< td=""><td>CH208</td><td>BH1327</td><td>880224</td><td></td><td>68,600,000</td><td>40,0</td></tr<>	CH208	BH1327	880224		68,600,000	40,0
RABS - BOQUERON (WHOLE - \$ CRABS)         D01       BH1312       880222       78,300,000       40,0         D03       BH1313       880323       66,300,000       40,0         D04       BH1313       880325       32,700,000       40,0         D05       BH1313       880325       32,700,000       40,0         D06       BH1313       880327       45,300,000       40,0         ALI       BH1331       880328       43,400,000       40,0         ALIS       BH131       880328       57,900,000       40,0         ALR       BH1318       880226       16,600,000       40,0         ALR       BH1318       880226       10,500,000       40,0         D05       BH1321       880226       22,300,000       40,0         D20       BH1321       880324       10,200,000       40,0         D21       BH329       880324       10,200,000       40,00         D24       BH1328       880324       7,100,000       40,00         D40       BH1328       880326       52,100,000       40,00         D41       BH1326       880326       52,100,000       40,00         D41       BH1326	CH220	BH1336	880225		97,200,000	40,0
001       BH1312       880322       78,300,000       40,0         008       BH1313       880323       66,300,000       40,0         008       BH1313       880323       66,300,000       40,0         008       BH1313       880325       32,700,000       40,0         008       BH1313       880325       32,700,000       40,0         008       BH1313       880327       45,300,000       40,0         411       BH1334       880328       43,400,000       40,0         418       BH1313       880328       57,900,000       40,0         418       BH1318       880226       16,600,000       40,0         209       BH1318       880226       16,600,000       40,0         211 REP       BH1321       880226       22,300,000       40,0         220       BH1321       880226       22,300,000       40,0         221       BH1320       880324       10,200,000       40,0         014       BH1328       880324       7,100,000       40,00         0240       BH1328       880326       52,100,000       40,00         041       BH1326       880326       29,700,000	CRABS - BOQ	UERON (WHOLE -	- 5 CRABS)			
008         BEI313         880323         66,300,000         40,0           026         BH1335         880325         32,700,000         40,0           RABS - RCOSEVELT ROADS (WHOLE - 5 CRABS)         411         BH1331         880327         45,300,000         40,0           411         BH1331         880328         43,400,000         40,0         40,0           418         BH1333         880328         57,900,000         40,0           418         BH1333         880328         57,900,000         40,0           ARPON - FRONTERA LACCONS (WHOLE - 5 FISH)         209         BH1318         880226         16,600,000         40,0           209         BH1325         880226         10,500,000         40,0         220         BH1320         880226         22,300,000         40,0           220         BH1320         880324         10,200,000         40,00         04,00           2217         BH1326         880324         10,200,000         40,00           033         BH1328         880324         10,200,000         40,00           041         BH1326         880324         3,100,000         40,00           041         BH1326         880326         52,100,000 <td>C001</td> <td>BH1312</td> <td><b>8</b>80222</td> <td></td> <td>78,300,000</td> <td>40,0</td>	C001	BH1312	<b>8</b> 80222		78,300,000	40,0
026         BH1335         880325         32,700,000         40,0           RABS - ROOSEVELT ROADS (WHOLE - 5 CRABS)         411         BH1334         880327         45,300,000         40,0           415         BH1331         880328         43,400,000         40,0           418         BH1333         880328         43,400,000         40,0           A18         BH1333         880328         57,900,000         40,0           ARPON - FRONTERA LACCONS (WHOLE - 5 FISH)         209         BH1318         880226         16,600,000         40,0           209         BH1321         880226         16,600,000         40,0         40,0           220         BH1321         880226         22,300,000         40,0           221         BH1320         880324         10,200,000         40,00           403         BH1329         880324         7,100,000         40,00           ARPON - BOQUERON (WHOLE - 1 FISH)         040         BH1328         880324         3,100,000         40,00           ARPON - BOQUERON (WHOLE - 5 FISH)         041         BH1320         880326         52,100,000         40,00           ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)         041         BH1315         880326         <	C008	BH1313	880323		66,300,000	40,00
RABS - ROOSEVELT ROADS (WHOLE - 5 CRABS)         411       BH1334       880327       45,300,000       40,0         415       BH1331       880328       43,400,000       40,0         418       BH1333       880328       57,900,000       40,0         ARPON - FRONTERA LACCONS (WHOLE - 5 FISH)       209       BH1318       880226       16,600,000       40,00         209       BH1318       880226       10,500,000       40,00         220       BH1321       880226       22,300,000       40,00         221       BH1320       880226       22,300,000       40,00         222       BH1321       880226       22,300,000       40,00         227       BH1320       880324       10,200,000       40,00         03       BH1329       880324       7,100,000       40,00         040       BH1328       880324       3,100,000       40,00         041       BH1326       880326       52,100,000       40,00         041       BH1310       880326       52,100,000       40,00         417       BH1315       880326       21,400,000       40,00         417       BH1315       880326       29,700,000	C026	BH1335	880325		32,700,000	40,00
411       BH1334       880327       45,300,000       40,0         415       BH1331       880328       43,400,000       40,0         418       BH1333       880328       57,900,000       40,0         A18       BH1333       880328       57,900,000       40,0         A18       BH1333       880328       57,900,000       40,0         ARPON - FRONTERA LACCONS (WHOLE - 5 FISH)       209       BH1318       880226       16,600,000       40,00         220       BH1321       880226       10,500,000       40,0         221       BH1321       880226       22,300,000       40,0         222       BH1321       880226       22,300,000       40,00         ARPON - BOQUERON (WHOLE - 2 FISH)       00,200,000       40,00         014       BH1324       880324       7,100,000       40,00         ARPON - BOQUERON (WHOLE - 5 FISH, COMPOSITE)       041       BH1326       880326       52,100,000       40,00         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       410       BH1310       880326       21,400,000       40,00         ARTON - ROOSEVELT ROADS (WHOLE - 5 FISH)       411       BH1315       680326       21,400,000       40,00         AR	CRABS - ROO	SEVELT ROADS (	WHOLE - 5 CRABS	)		
415       BH1331       880328       43,400,000       40,0         418       BH1333       880328       57,900,000       40,0         418       BH1318       880226       16,600,000       40,0         209       BH1321       880226       10,500,000       40,0         210       BH1321       880226       22,300,000       40,0         220       BH1321       880324       10,200,000       40,0         403       BH1329       880324       10,200,000       40,0         404       BH1328       880324       15,500,000       40,0         ARPON - BOQUERON (WHOLE - 1 FISH)       D41       BH1326       880324       3,100,000       40,0         ARPON - BOQUERON (WHOLE - 5 FISH, COMPOSITE)       D41       BH1320       880326       22,100,000       40,00         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       S80326       22,100,000       40,00       60,00         A11       BH1310       880326       29,700,000 <td>C411</td> <td>BH1334</td> <td>880327</td> <td></td> <td>45,300,000</td> <td>40,0</td>	C411	BH1334	880327		45,300,000	40,0
418       BH1333       \$80328       \$7,900,000       40,0         ARPON - FRONTERA LAGOONS (WHOLE - 5 FISH)       209       BH1318       880226       16,600,000       40,0         209       BH1318       880226       10,500,000       40,0         211       880226       10,500,000       40,0         220       BH1321       880226       22,300,000       40,0         221       BH1320       880226       22,300,000       40,0         2227       BH1320       880226       22,300,000       40,0         227       BH1320       880324       10,200,000       40,0         ARPON - BOQUERON (WHOLE - 2 FISH)       003       BH1328       880324       7,100,000       40,0         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       880324       15,500,000       40,0         ARPON - BOQUERON (WHOLE - 5 FISH)       041       BH1310       880326       52,100,000       40,00         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       040       8H1310       880326       52,100,000       40,00         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       041       BH1310       880326       52,100,000       40,00         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH) <t< td=""><td>C415</td><td>BH1331</td><td>88032<b>8</b></td><td></td><td>43,400,000</td><td>40,0</td></t<>	C415	BH1331	88032 <b>8</b>		43,400,000	40,0
ARPON - FRONTERA LAGOONS (WHOLE - 5 FISH) 209 BH1318 880226 10,500,000 40,00 211 REP BE1325 880226 10,500,000 40,00 220 BH1321 880227 18,800,000 40,00 227 BH1320 880226 22,300,000 40,00 ARPON - BOQUERON (WHOLE - 2 FISH) D03 BH1329 880324 10,200,000 40,00 014 BH1324 880324 7,100,000 40,00 ARPON - BOQUERON (WHOLE - 1 FISH) D40 BH1328 880324 15,500,000 40,00 ARPON - BOQUERON (WHOLE - 1 FISH) D40 BH1328 880324 3,100,000 40,00 ARPON - BOQUERON (WHOLE - 5 FISH, COMPOSITE) D41 BH1326 880326 52,100,000 40,00 ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH) 410 BH1310 880326 52,100,000 40,00 417 BH1332 880328 21,400,000 40,00 A17 BH1315 880328 21,400,000 40,00 A111NULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES) D53 BH1317 880225 300,000 40,00 ALLINULES - BOQUERON (LIVER - 5 GALLINULES) D52 BH1330 880222 280,000 40,00 ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS) D51 BH1316 880225 130,000 40,00 40,00	C418	BH1333	880328		57,900,000	40,00
209       BH1318       \$80226       16,600,000       40,00         251       REP       BH1325       \$80226       10,500,000       40,00         220       BH1321       \$80227       18,800,000       40,00         227       BH1320       \$80226       22,300,000       40,00         227       BH1320       \$80226       22,300,000       40,00         227       BH1320       \$80226       22,300,000       40,00         ARPON - BOQUERON (WHOLE - 2 FISH)       003       BH1329       \$80324       10,200,000       40,00         014       BH1328       \$80324       7,100,000       40,00         040       BH1328       \$80324       15,500,000       40,00         041       BH1326       \$80324       3,100,000       40,00         041       BH1326       \$80326       52,100,000       40,00         041       BH1310       \$80326       29,700,000       40,00         117       BH1322       \$80326       29,700,000       40,00         120       BH1315       \$80328       21,400,000       40,00         0117       BH1315       \$80225       300,000       40,00         053       <	TARPON - FR	ONTERA LAGOONS	WHOLE - 5 FISH	3)		
251 REP       BH1325       880226       10,500,000       40,0         220       BH1321       880227       18,800,000       40,0         227       BH1320       880226       22,300,000       40,0         227       BH1320       880226       22,300,000       40,0         ARPON - BOQUERON (WHOLE - 2 FISH)       003       BH1329       880324       10,200,000       40,0         ARPON - BOQUERON (WHOLE - 1 FISH)       004       BH1326       880324       15,500,000       40,00         ARPON - BOQUERON (WHOLE - 5 FISH)       041       BH1326       880324       3,100,000       40,00         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       880326       52,100,000       40,00         410       BH1310       880326       29,700,000       40,00         417       BH1322       880326       21,400,000       40,00         410       BH1315       880326       21,400,000       40,00         411       BH1317       880225       300,000       40,00         413       BH1317       880225       300,000       40,00         411       BH1317       880225       300,000       40,00         413       BH1330       880222	1209	BH1318	880226		16,600,000	40,00
220       BH1321       880227       18,800,000       40,00         227       BH1320       880226       22,300,000       40,00         227       BH1320       880226       22,300,000       40,00         ARPON - BOQUERON (WHOLE - 2 FISH)       003       BH1329       880324       10,200,000       40,00         014       BH1324       880324       7,100,000       40,00         ARPON - BOQUERON (WHOLE - 1 FISH)       040       BH1328       880324       15,500,000       40,00         ARPON - BOQUERON (WHOLE - 5 FISH)       041       BH1326       880324       3,100,000       40,00         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       880326       52,100,000       40,00         410       BH1310       880326       52,100,000       40,00         410       BH1312       880326       21,400,000       40,00         411       BH1315       880326       21,400,000       40,00         411       BH1317       880225       300,000       40,00         411       BH1317       880225       300,000       40,00         411       BH1317       880225       300,000       40,00         411       BH1316       880225	1251 REP	BB1325	880226		10,500,000	40,00
227       BH1320       880226       22,300,000       40,00         ARPON - BOQUERON (WHOLE - 2 FISH)       880324       10,200,000       40,00         D03       BH1329       880324       7,100,000       40,00         ARPON - BOQUERON (WHOLE - 1 FISH)       880324       7,100,000       40,00         ARPON - BOQUERON (WHOLE - 1 FISH)       880324       15,500,000       40,00         ARPON - BOQUERON (WHOLE - 5 FISH)       880324       3,100,000       40,00         ARPON - BOQUERON (WHOLE - 5 FISH)       880326       52,100,000       40,00         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       880326       52,100,000       40,00         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ANTILE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)       300,000       40,00         ANTILE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)       051       BH1316       880225       130,000       40,00	X220	BH1321	880227		18,800,000	40,00
ARPON - BOQUERON (WHOLE - 2 FISH)       10,200,000       40,00         014       BH1324       880324       7,100,000       40,00         ARPON - BOQUERON (WHOLE - 1 FISH)       880324       15,500,000       40,00         ARPON - BOQUERON (WHOLE - 1 FISH)       880324       15,500,000       40,00         ARPON - BOQUERON (WHOLE - 5 FISH)       880324       3,100,000       40,00         ARPON - BOQUERON (WHOLE - 5 FISH)       880326       52,100,000       40,00         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       410       BH1310       880326       29,700,000       40,00         410       BH1310       880326       29,700,000       40,00         417       BH1322       880326       21,400,000       40,00         410       BH1315       880328       21,400,000       40,00         411       BH1317       880225       300,000       40,00         411       BH1317       880225       300,000       40,00         411       BH1310       880225       300,000       40,00         411       BH1316       880225       130,000       40,00         411       BH1316       880225       130,000       40,00         40,001       B	1227	BH1320	880226		22,300,000	40,00
003       BH1329       880324       10,200,000       40,00         014       BH1324       880324       7,100,000       40,00         0ARPON - BOQUERON (WHOLE - 1 FISH)       BH1328       880324       15,500,000       40,00         0AU       BH1328       880324       15,500,000       40,00         0AU       BH1328       880324       15,500,000       40,00         0ARPON - BOQUERON (WHOLE - 5 FISH, COMPOSITE)       041       BH1326       880324       3,100,000       40,00         0AI       BH1310       880326       52,100,000       40,00         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)       40.00       40,00       40,00         410       BH1310       880326       29,700,000       40,00         417       BH1312       880328       21,400,000       40,00         410       BH1315       880328       300,000       40,00         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       300,000       40,00         051       BH1316       880222       280,000       40,00         051       BH1316       880225       130,000       40,00         09/14/19       09/14/19       09/14/19       09/14/19       000    <	TARPON - BO	QUERON (WHOLE	- 2 FISH)			
014       BH1324       880324       7,100,000       40,00         ARFON - BOQUERON (WHOLE - 1 FISH)       BH1328       880324       15,500,000       40,00         ARFON - BOQUERON (WHOLE - 5 FISH, COMPOSITE)       D41       BH1326       880324       3,100,000       40,00         ARFON - BOQUERON (WHOLE - 5 FISH, COMPOSITE)       D41       BH1326       880324       3,100,000       40,00         ARFON - ROOSEVELT ROADS (WHOLE - 5 FISH)       M10       BH1310       880326       52,100,000       40,00         ALLINULES - BH1332       880326       29,700,000       40,00         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)       300,000       40,00         ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)       300,000       40,00         ATTLE BAH1316       880225       130,000       40,00	X003	BH1329	880324		10,200,000	40,00
ARPON - BOQUERON (WHOLE - 1 FISH)         040       BH1328       880324       15,500,000       40,00         ARPON - BOQUERON (WHOLE - 5 FISH, COMPOSITE)         041       BH1326       880324       3,100,000       40,00         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)         410       BH1310       880326       52,100,000       40,00         417       BH1322       880326       29,700,000       40,00         4130       BH1315       880326       21,400,000       40,00         4131       BH1317       860225       300,000       40,00         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       280,000       40,00         052       BH1330       880222       280,000       40,00         ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)       300,000       40,00         051       BH1316       880225       130,000       40,00	2014	BH1324	880324		7,100,000	40,00
D40         BH1328         B80324         15,500,000         40,00           ARPON - BOQUERON (WHOLE - 5 FISH, COMPOSITE)         3,100,000         40,00           D41         BH1326         880324         3,100,000         40,00           ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)         3,100,000         40,00           ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)         40,00         40,00           ALLINULES - BENTERA LAGOONS (LIVER - 5 GALLINULES)         52,100,000         40,00           ALLINULES - PRONTERA LAGOONS (LIVER - 5 GALLINULES)         300,000         40,00           ALLINULES - BOQUERON (LIVER - 5 GALLINULES)         300,000         40,00           ALLINULES - BOQUERON (LIVER - 5 GALLINULES)         280,000         40,00           ALLINULES - BOQUERON (LIVER - 5 GALLINULES)         280,000         40,00           ALLINULES - BOQUERON (LIVER - 5 GALLINULES)         280,000         40,00           ALTIE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)         300,000         40,00           ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)         300,000         40,00           ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)         300,000         40,00           ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 10 CATTLE EGRETS)         300,000         40,00	TARPON - BO	QUERON (WHOLE	- 1 <b>7</b> ISH)			
ARPON - BOQUERON (WHOLE - 5 FISH, COMPOSITE) 041 BH1326 B80324 3,100,000 40,00 ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH) 410 BH1310 880326 52,100,000 40,00 417 BH1332 880326 29,700,000 40,00 40,00 40,00 4111NULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES) 553 BH1317 880225 300,000 40,00 ALLINULES - BOQUERON (LIVER - 5 GALLINULES) 552 BH1330 880222 280,000 40,00 ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS) 551 BH1316 880225 130,000 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00	2040	BH1328	880324		15,500,000	40,00
041       BH1326       880324       3,100,000       40,00         ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)         410       BH1310       880326       52,100,000       40,00         417       BH1322       880326       29,700,000       40,00         430       BH1315       880328       21,400,000       40,00         ALLINULES - PRONTERA LACCONS (LIVER - 5 GALLINULES)       300,000       40,00         053       BH1317       880225       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         052       BH1330       680222       280,000       40,00         ATTLE EGRETS - PRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)       300,000       40,00         051       BH1316       880225       130,000       40,00	TARPON - BO	QUERON (WHOLE	- 5 FISH, COMPOS	ITE)		
ARPON - ROOSEVELT ROADS (WHOLE - 5 FISH)         410       BH1310       880326       52,100,000       40,00         417       BH1332       880326       29,700,000       40,00         430       BH1315       880328       21,400,000       40,00         431       BH1315       880328       21,400,000       40,00         ALLINULES - PRONTERA LAGOONS (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       280,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALTIE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)       300,000       40,00         ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)       300,000       40,00         051       BH1316       880225       130,000       40,00	X041	BH1326	880324		3,100,000	40,00
410       BH1310       880326       52,100,000       40,00         417       BH1332       880326       29,700,000       40,00         430       BH1315       880328       21,400,000       40,00         ALLINULES - PRONTERA LAGOONS (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         D52       BH1330       880222       280,000       40,00         ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)       300,000       40,00         D51       BH1316       880225       130,000       40,00         09/14/19       09/14/19       09/14/19       09/14/19	TARPON - RO	OSEVELT ROADS	(WHOLE - 5 FISH)			
417       BH1332       880326       29,700,000       40,00         430       BH1315       880328       21,400,000       40,00         ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       280,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       280,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)       300,000       40,00         ALLINULES - BOQUERON (LIVER - 6 CATTLE EGRETS)       300,000       40,00         ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)       300,000       40,00         051       BH1316       880225       130,000       40,00         09/14/19       09/14/19       09/14/19       09/14/19	X410	BH1310	880326		52,100,000	40,00
430       BH1315       880326       21,400,000       40,00         ALLINULES - PRONTERA LAGOONS (LIVER - 5 GALLINULES)         053       BH1317       880225       300,000       40,00         ALLINULES - BOQUERON (LIVER - 5 GALLINULES)         052       BH1330       880222       280,000       40,00         ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)       130,000       40,00         051       BH1316       880225       130,000       40,00	X417	BE1332	880326		29,700,000	40,00
ALLINULES - FRONTERA LAGOONS (LIVER - 5 GALLINULES) 053 BH1317 880225 300,000 40,00 ALLINULES - BOQUERON (LIVER - 5 GALLINULES) 052 BH1330 880222 280,000 40,00 ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS) 051 BH1316 880225 130,000 40,00 09/14/19	X430	BH1315	88032 <b>8</b>		21,400,000	40,00
D53         BH1317         880225         300,000         40,00           ALLINULES - BOQUERON (LIVER - 5 CALLINULES)         052         052         053         050,000         40,00           D52         BE1330         880222         280,000         40,00           ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS)         051         051         09/14/19	GALLINULES	- PRONTERA LAG	CONS (LIVER - 5	GALLINULES)		
ALLINULES - BOQUERON (LIVER - 5 GALLINULES) D52 BE1330 880222 280,000 40,00 ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS) D51 BH1316 880225 130,000 40,00 09/14/19	N053	BH1317	880225		300,000	40,00
D52 BE1330 880222 280,000 40,00 ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS) D51 BH1316 880225 130,000 40,00 09/14/19	GALLINULES	- BOQUERON (LI	VER - 5 GALLINUL	ES)		
ATTLE EGRETS - FRONTERA LAGOONS (LIVER - 6 CATTLE EGRETS) D51 BH1316 880225 130,000 40,00 09/14/19	N052	BE1330	880222		280,000	40,00
051 BH1316 880225 130,000 40,00 09/14/19	CATTLE EGRE	TS - PRONTERA	LAGOONS (LIVER -	6 CATTLE EG	RETS)	
09/14/19	K051	BH1316	880225		130,000	40,00
						09/14/19

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TABLE 15 (continued)						
Dynamac Number	STC Number	Date	Lab Qual	Value	NDL	
OTHER/NISCI	Ellanbous - Ce	lcium (continue	d)			
CATTLE EGRI	TTS - BOQUERON	(LIVER - 6 CAT	TLE EGRETS)			
N050	BE1319	880222		140,000	40,000	
OTEER/NISCI	ELLANEOUS - Co	balt				
CRABS - TRO	ONTERA NORTH L	AGOON (WHOLE -	S CRABS)			
CF204	BH1314	880227	ND	520	4,000	
CF220	BH1322	880224	ND	440	4,000	
CRABS - NAN	DRI CANAL (WH	OLE - 5 CRABS)				
CH207	BH1311	880224	ND	630	4,000	
CH220	BH1336	880225	BHDL	870	4,000	
CRABS - BOC	UERON (WHOLE	- 5 CRABS)				
C008	BH1313	880323	ND	630	4,000	
C026	BH1335	880325	ND	250	4,000	
CRABS - ROO	SEVELT ROADS	WHOLE - 5 CRAB	S).			
C411	BH1334	880327	ND	260	4,000	
C415	BH1331	880328	ND	350	4,000	
TARPON - FF	ONTERA LAGOON	S (WHOLE - 5 FI	SE)			
X220	BE1321	880227	ND	300	4,000	
TARPON - BO	QUERON (WHOLE	- 2 FISH)				
X003	BH1329	880324	ND	160	4,000	
X014	BH1324	880324	ND	630	4,000	
TARPON - BO	QUERON (WHOLE	- 1 FISH)				
1040	BH1328	880324	ND	570	4,000	
TARPON - RO	OSEVELT ROADS	(WHOLE - 5 FIS	E)			
X410	BH1310	880326	ND	240	4,000	
X430	BH1315	880328	BNDL	1,000	4,000	
GALLINULES	- FRONTERA LAG	GOONS (LIVER - !	5 GALLINULES)			
N053	BH1317	880225	ND	300	4,000	
GALLINULES	- BOQUERON (L	IVER - 5 GALLING	TLES)			
M052	BH1330	880222	ND	470	4,000	
CATTLE EGRE	TS - BOQUERON	(WHOLE - 6 CATT	TLE EGRETS)			
N050	BH1319	880222	ND	88	4,000	

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Dynamac Number	ETC Number	Date	Tab Qual	Value	MDT.
		<i></i>	Tap Arat		
OTHER/NISCE	ILLAN BOUS - CY	enide, Totel			
CRABS - TRO	NTERA NORTH L	AGOON (WHOLE -	5 CRABS)		
C7203	BH1323	880225		< 430	430
C7204	BH1314	880227		<- 550	550
CF220	BH1322	880224		< 380	380
CRABS - KAN	DRI CANAL (WE	OLE - 5 CRABS)			
01207	BH1311	880224		< 630	630
CH208	BH1327	880224		< 520	520
CH220	BH1336	880225		< 590	590
CRABS - BOO	TERON (WHOLE	- 5 CRABSI			
c001	BH1312	880222		< 470	470
C008	BH1313	880323	•	< 410	410
C026	BH1335	880325		< 570	570
				•	
CRABS - ROO	SEVELT ROADS	(WHOLE - 5 CRAB)	5 }		
C411	881334	880327		< 370	370
C415	BH1331	880328		< 440	440
U418	BH1333	680328		< 500	500
TARPON - 7	rontera lagoon	NS (WHOLE - 5 P	ISE)		
X209	BH1318	880226		< 500	500
X251 RBP	BE1325	880226		< 500	500
X220	BH1321	880227		< 500	500
¥227	BH1320	880226		< 500	500
TARPON - BO	OUERON (WHOLE	- 2 FISE)		•	
x003	BH1329	880324		< 620	620
x014	BH1324	880324		< 610	610
TAPPON - PO	OUTEDON (HUOT P	- 1 PICHI			
$\frac{1}{1000} = \frac{1}{1000}$	DAPYON (MUOTO	880324		< 580	580
1040	DHIJEU	000344		< 500	560
TARPON - BO	QUERON (WHOLE	- 5 FISH, COMPO	DSITE)		
(041	BH1326	880324		< 620	620
IARPON - RO	OSEVELT ROADS	(WHOLE - 5 FISH	5)		
<b>K410</b>	BH1310	880326	•	< 530	530
K417	BH1332	880326		< 430	430
K430	BH1315	880328		< 420	420
THER/MISCE	LLANEOUS - Irc	<u>ת כ</u>			
TRARS - PDO	NTERA NORTH IN	GOON (WHOT R -	CRABS		
2203	BH1323	880225		530,000	30.000
F204	BH1314	880227		\$70,000	30,000
F220	BH1322	880224		300,000	30,000
•					
					•
					09/14/1990

Dynamac Number	BTC	<b>Data</b>	Tab Aval	¥=1=	-
	, unit of t		DED QUEI	Valuu	~~.
DTEER/NISCI	ELLANBOUS - Iro	on (continued)			
CRABS - MAI	NDRT CANAL (WHO	DLE - 5 CRABS)			_
CH207	RH1311	B80224		350.000	30.000
CH208	BR1327	880224		170,000	30,000
CH220	BH1336	880225		220,000	30,000
		5 (D) DC)	· · ·		·
	205AUR (WRULE -	- 3 CMB3) 880222		140.000	30.00
0001	DG1315	000222		A2,000	30,000
0026	841226	981325		A70,000	30,000
5026	<b>PG1333</b>	667373		470,000	30,000
TRABS - ROO	SEVELT ROADS (	WHOLE - 5 CRAI	BS)	<b></b>	
C411	BE1334	880327		95,000	30,000
C415	BH1331	880328		42,000	30,000
2418	BH1333	880328		54,000	30,000
TARPON - PF	CONTERA LAGOONS	WHOLE - 5 FI	(SH)		
K209	BH1318	880226		29,000	30,000
(251 REP	BH1325	880226		26,000	30,000
(220	BE1321	880227	•	23,000	30,000
1227	BE1320	880226		30,000	30,000
TARPON - BO	QUERON (WHOLE	- 2 PISH)			
K003	BE1329	880324	1. Sec. 1. Sec	33,000	30,000
K014	BE1324	880324		30,000	30,000
MARDON - RO	NURDON (WHOLE	- 1 91691			
$(AAA) = b_{0}$		- 1 11001 990334		20.000	30.000
	DB1320	000329		20,000	30,000
TARPON - BO	QUERON (WHOLE	- 5 FISH, COMP	OSITE)		
K041	BH1326	880324	BHOL	16,000	30,000
TARPON - RO	SEVLET ROADS	(WHOLE - 5 FIS	SH)		
(410	BE1310	880326		33,000	30,000
(417	BE1332	880326	BHOL	18,000	30,000
430	BE1315	880328		36,000	30,000
ALLINULES	- PRONTERA LAG	OONS (LIVER -	5 GALLINULES)		
1053	BE1317	880225		1,600,000	30,000
		1720 - E ALT TH	TT PC\		
ALLINULES	- BOUUSKON (LI	VER - 3 GALLIN	ا دمین	1 000 000	30 000
1052	BH1330	880222		1,000,000	30,000
ATTLE EGRE	TS - FRONTERA	LAGOONS (LIVER	- 6 CATTLE EGP	ETS)	
(051	BH1316	880225	•	610,000	30,000
ATTLE EGRE	TS - BOOUERON	(LIVER - 6 CAT	TLE EGRETS)		
-				350 000	30.000

TABLE 15 (continued)

09/14/1990

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Dynamac Number	STC Number	Data	Lab Gual	Value	<b>NU</b> 1.
THER/MISC	ELLANEOUS - Neg	nesium			
CRABS - FRO	ONTERA NORTH LI	AGOON (WHOLE -	5 CRABS)		
CF203	BH1323	880225		2,300,000	20,000
CF204	BH1314	880227		2,490,000	20,000
CF220	BH1322	880224		1,600,000	20,000
CRABS - MAI	NDRI CANAL (WH	LE - 5 CRABS)			
CH207	BH1311	880224		2,620,000	20,000
CH208	BH1327	880224		3,430,000	20,000
CH220	BH1336	880225		4,980,000	20,000
TRABS - BO	QUERON (WHOLE -	· 5 CRABS)			
0001	BH1312	880222		4,120,000	20,000
008	BH1313	880323		3,730,000	20,000
2026	BH1335	880325		2,760,000	20,000
CRABS - ROO	DEVELT ROADS (	WHOLE - 5 CRAB	S)		
2411	BH1334	880327	•	2,620,000	20,000
2415	BH1331	880328		2,580,000	20,000
2418	BH1333	880328		3,010,000	20,000
IARPON - FI	CONTERA LAGOONS	WHOLE - 5 PI	SE)		
K209	BH1318	880226	•	510,000	20,000
1251 REP	BH1325	880226		430,000	20,000
K220	BH1321	880227		600,000	20,000
1227	BH1320	880226		650,000	20,000
ARPON - BO	QUERON (WHOLE	- 2 FICH)			
(003	BH1329	880324		600,000	20,000
(014	BH1324	880324		350,000	20,000
ARPON - BO	OUERON (WHOLE	- 1 FISH)			
(040	BH1328	880324		500,000	20,000
ARPON - BO	OUERON (WHOLE	- 5 FISH, COMPO	SITE)		
(041	BH1326	880324		290,000	20,000
ARPON - RO	OSEVELT ROADS	WHOLE - 5 FISH	£)		
410	BH1310	880326	•	1,100,000	20,000
417	BH1332	880326		800,000	20,000
430	BH1315	880328		610,000	20,000
ALLINULES	- FRONTERA LAG	CONS (LIVER - 1	GALLINULES)	2 • • •	
1053	BH1317	880225		210,000	20,000
ALLINITES	- BOOUERON /1.1	VER - 5 GALLINI	JLES)	•	
1052	RH1330	880222	•	210.000	20.000

TABLE 15 (continued)

FRO 002 0729

Dynamac Number	BIC	Bata	Tab Aval	Value	5m1
runder			PED Ager		
OTHER/NISCE	LLANEOUS - Na	nesium (contin	ued)		•
CATTLE EGRE	TS - FRONTERA	LAGOONS (LIVER	- 6 CATTLE EGR	ETS)	
N051	BH1316	880225		230,000	20,000
CATTLE EGRE	TS - BOQUERON	(LIVER - 6 CAT	TLE EGRETS)		
M050	BH1319	880222		190,000	20,000
OTHER/NISCE	LLANBOUS - Nel	nganese			
CRABS - FRO	NTERA NORTH L	AGOON (WHOLE -	5 CRABS)		
CF203	BE1323	880225		480,000	1,000
CF204	BH1314	880227		493,000	1,000
CF220	BH1322	880224		460,000	1,000
CRABS - MAN	DRI CANAL (WE	DLE - 5 CRABS)		•	
СЖ207	BH1311	880224	ан сайтаан ал ал ан ал ан ал ан ал ан ал ан	385,000	1,000
CH208	BH1327	880224		567,000	1,000
CH220	BH1336	880225		527,000	1,000
CRABS - BOO	UERON (WHOLE -	- 5 CRABS)			
C001	BH1312	880222		127.000	1,000
C008	BH1313	880323		86.000	1.000
C026	BH1335	880325		99,000	1,000
CRABS - ROC	SEVELT ROADS	WHOLE - 5 CRAB	5)		
C411	BH1334	880327	- 1	79.000	1.000
C415	BH1331	880328		60,000	1.000
C418	BH1333	880328		83,000	1,000
TIDON - PD	ONTERA LAGOONS	WHOLE - 5 FI	5#)		
1995 1995 1995 1995 1995 1995 1995 1995		880226		11.000	1 000
AZUJ Nasi ded	DA1310	880326	· · · · · · · · · · · · · · · · · · ·	9 700	1,000
X231 KEP	BR1323	000220		11 000	1,000
X220	BHIJZI	000227		11,000	1,000
227	841320	000220		20,000	1,000
TARPON - BO	QUERON (WHOLE	- 2 FISH)			
XOO3	BH1329	880324		2,500	1,000
X014	BH1324	880324		1,700	1,000
TARPON - BC	QUERON (WHOLE	- 1 FISH)		•	
X040	BH1328	880324		2,800	1,000
TARPON - BO	QUERON (WHOLE	- 5 FISH, COMPO	OSITE)	. · · ·	
X041	BH1326	880324	BMDL	670	1,000
TARPON - RO	OSEVELT ROADS	(WHOLE - 5 FISI	3)		
X410	BH1310	880326		10,000	1.000
****	BH1332	880326	•	6.300	1.000
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FRO 002 0730

	<u></u>				· .
Dynamac Number	BTC Number	Date	Lab Qual	Value	HDL
other/Misci	ELLANEOUS - NA	nganese (contin	nued)		
GALLINULES M053	- FRONTERA LA BH1317	GOONS (LIVER - 880225	5 FISH)	11,000	1,000
					·
MO52	BH1330	880222		2,900	1,000
CATTLE EGRE	BTS - FRONTERA	LAGOONS (LIVER	- 6 CATTLE BORE	TS)	1 000
NUSI	BNIJIO	800223		4,200	1,000
CATTLE EGRE H050	ets - Boqueron Bh1319	(LIVER - 6 CAT 880222	TLE EGRETS)	2,700	1,000
other/Misce	ELLANEOUS - NI	<u>ckel</u>		•	
CRABS - PRO	NTERA NORTH L	AGOON (WHOLE -	5 CRABS)		
CF220	BH1322	880224	BNDL	830	4,000
CRABS - MAN	DRI CANAL (WH	OLE - 5 CRABS)			
CH207	BH1311	880224	ND	220	4,000
CH208	BH1327	880224	ND	170	4.000
CH220	BH1336	880225	ND	110	4,000
CRABS - BOO	UERON (WHOLE	- 5 CRABS)			
C001	BH1312	880222	ND	740	4,000
C008	BH1313	880323	BHDL	1,100	4,000
C026	BH1335	880325	ND	770	4,000
CRÁBS - ROO	SEVELT ROADS	WHOLE - 5 CRAB	S)		
C411	BH1334	880327	ND	460	4,000
TARPON - PR	ONTERA LAGOON	S (WHOLE - 5 PI	SH)		
K209	BH1318	880226	ND	460	4.000
K227	BH1320	880226	ND	55	4,000
	NITRON ANNOTE	- 2 PISEL		÷ .	· ·
r003	RH1329	880324	ND	280	4 000
K014	BH1324	880324	ND	290	4,000
	NERVELT BALDE	WHOLE - 5 PTS	R1		
(410	BH1310	880326	ND	63	4.000
(417)	881332	880326	ND	63	4 000
(430	BH1315	880328	BNDL	950	4,000
ATT THIT PC	- PRONTERA TA	GOONS (LIVER -	5 GALLINULES		
1053	BH1317	880225	ND	240	4.000
		and the second			

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Dynamac	BTC			•	
Number	Number	Date	Lab Qual	Value	JOL.
		• • • • • • • • • • • • • • • • • • •		•	
<u>UINEK/HISC</u>	ALLANZOUS - PO	LESSIUM			
CRABS - PRO	ONTERA NORTH L	AGOON (WHOLE -	5 CRABS)		
C7203	BH1323	880225		2,300,000	100,000
CF204	BH1314	880227		2,500,000	100,000
CF220	BH1322	880224		2,300,000	100,000
CRABS - MAI	NDRI CANAL (WH	OLE - 5 CRABS)			
CH207	BH1311	880224		1,800,000	100,000
CH208	BH1327	880224		3.000.000	100.000
CH220	BH1336	880225		2,400,000	100,000
CRARE - BO	NIPPON (MUOT	- E CRARCA		•	
$c_{MB3} = b_{\gamma}$	CORVOU (MUOTO			2 200 000	100.000
0001	BEIJIZ Dubbia	000222		2,200,000	100,000
C008	BH1313	880323		2,100,000	100,000
C026	BH1335	880325		1,900,000	100,000
CRABS - ROO	SEVELT ROADS	(WHOLE - 5 CRAE	3S )		
C411	BH1334	880327		2,200,000	100,000
C415	BH1331	880328	· · · · ·	2,000,000	100,000
C418	BH1333	880328		1,800,000	100,000
TARPON - PI	CONTERA LAGOONS	S (WHOLE - 5 FI	SH)		
X209	BH1318	880226		2,900,000	100,000
X251 REP	BH1325	880226		2,200,000	100,000
¥220	D::1000	880227		2 700 000	100,000
X227	BH1320	880226		2,500,000	100,000
TARDON - BO	MIRDON (PHOLE	- 2 PICH			
TARFON - D		- 4 FADDJ			100 000
X014	BH1324	880324		2,400,000	100,000
					· •
TARPON - BO	QUERON (WHOLE	- 1 FISH)			
X040	BH1328	880324		3,100,000	100,000
TARPON - BO	QUERON (WHOLE	- 5 FISH, COMP	OSITE)		
X041	BH1326	880324	•	3,400,000	100,000
TARPON - RO	SOSEVELT ROADS	(WHOLE - 5 FIS	H)		
X410	BH1310	880326		3,200,000	100,000
¥417	BH1332	880326		2.900.000	100.000
X430	BH1315	880328		2,300,000	100,000
GATTANTRE	- 90007901 134	CONS ITTUPP -	5 GALLENITES		
AUTO TES	BUISIS	00000E		2 600 000	100 000
RU53	BHIJI/	660223		2,600,000	100,000
GALLINULES	- BOQUERON (LI	IVER - 5 GALLIN	ULES)		
M052	BH1330	880222		3,000,000	100,000
CATTLE EGRE	TS - FRONTERA	LAGOONS (LIVER	- 6 CATTLE EGI	RETS)	•
H051	BH1316	880225		2,600,000	100,000
	•				09/14/1990

TABLE 15 (continued)

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Dynamac BTC						
Number	Number	Date	Lab Qual	Value	)(D)	
YTHER/MISCE	LLANBOUS - PO	tassium (contin	ueđ)			
CATTLE EGRE	TS - BOQUERON	(LIVER - 6 CAT	TLE EGRETS)			
N050	BE1319	880222	•	2,800,000	100,000	
THER/MISCE	ILLANBOUS - SO	dium				
RABS - TRO	NTERA NORTE L	AGOON (WHOLE -	5 CRABS)			
C7203	BE! 323	880225	·	3,600,000	100,000	
C7204	BE1314	880227		3,500,000	100,000	
CF220	BE1322	880224		3,200,000	100,000	
TRABS - MAN	DRI CANAL (WH	OLE - 5 CRABS)				
2(207	BH1311	880224		3,400,000	100,000	
24208	BH1327	880224		3,700,000	100,000	
2H220	BH1336	880225		3,700,000	100,000	
CRABS - BOO	UERON (WHOLE -	- 5 CRABS)				
C001	BH1312	B80222		5,000,000	100.000	
-008	881313	880323		6,600,000	100.000	
026	BE1335	880325		5,400,000	100,000	
CRABS - ROO	SEVELT ROADS	WHOLE - 5 CRAB	S)			
C411	BH1334	880327	-,	3,300,000	100.000	
C415	RH1331	880328		4,100,000	100.000	
C418	BH1333	880328		4,500,000	100,000	
TARPON - FR	ONTERA LAGOONS	5 (WHOLE - 5 FI	SB)			
1209	BH1318	880226	•	1,200,000	100,000	
X251 REP	BH1325	880226		1,100,000	100,000	
x220	BE1321	B80227		1,300,000	100.000	
227	BH1320	880226		1,200,000	100,000	
TARPON - BO	OUERON (WHOLE	- 2 FISH)				
1003	BH1329	880324		2,200,000	100,000	
K014	BH1324	880324		1,100,000	100,000	
rarpon - bo	QUERON (WHOLE	- 1 FISH)				
K040	BH1328	880324		1,100,000	100,000	
TARPON - BO	QUERON (WHOLE	- 5 FISH, COMP	osi <b>te</b> )			
K041	BH1326	880324		1,300,000	100,000	
TARPON - RO	OSEVELT ROADS	(WHOLE - 5 FIS	E)			
K410	BH1310	880326		2,100,000	100,000	
X417	BH1332	880326		1,700,000	100,000	
X430	BH1315	880328		1,700,000	100,000	
ALLINULES	- FRONTERA LAC	COONS (LIVER -	5 GALLINULES)			
			-	1 200 000		

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FRO 002 0733

WARLS.	<u> </u>	(CODILENGS)

Dynamac Number	ETC Number	Date	Lab Qual	Value	NDL
OTBER/MISCE	LLANEOUS - So	lium (continued	1).		
GALLINULES	- BOQUERON (L	IVER - 5 GALLIN	TULES)		
N052	BH1330	880222		1,300,000	100,000
CATTLE BGRE	TS - FRONTERA	LAGOONS (LIVER	- 6 CATTLE BOI	RETS)	
M051	BH1316	880225		1,100,000	100,000
CATTLE EGRE	TS - BOQUERON	(LIVER - 6 CAT	TLE EGRETS)		
N050	BH1319	880222		1,100,000	100,000
OTEER/MISCE	LLANEOUS - Val	na fice			
Part					•
CRABS - PRO	NTERA NORTH L	AGOON (WHOLE -	5 CRABS)	740	4.000
CF2U3	DD1323 DD1314	880227	ND	320	4,000
CF220	BH1322	880224	ND	550	4,000
					• • • • •
CRABS - MAN	DRI CANAL (WHO	DLE - 5 CRABS)			
CH207	BB1311	880224	ND	460	4,000
CK208	BH1327	880224	ND	220	4,000
CRABS - BOO	UERON (WHOLE -	- 5 CRABS)	•		
<b>C</b> 001	BH1312	880222	BMDL	840	4,000
C008	BH1313	880323	ND	650	4,000
C026	BB1335	880325	BHDL	2,300	4,000
CRABS - ROO	SEVELT ROADS	WHOLE - 5 CRAE	35)		
C411	BE1334	880327	ND	650	4,000
C418	BE1333	880 <b>328</b>	ND	220	4,000
ENDON - PD	OUTRES ISCOON		CH 1		
1209	BH1318	880226	ND	410	4,000
					-
TARPON - BO	QUERON (WHOLE	- 2 FISH)			
X014	BE1324	880324	ND	460	4,000
TARPON - BO	OUERON (WHOLE	- 1 FISH)			
x040	BE1328	880324	ND	410	4,000
TARPON - RO	OSEVELT ROADS	(WHOLE - 5 PIS	E)		
X410	BH1310	880326	ND	270	4,000
X430	BH1315	800328	- ULU	040	4,000
GALLINULES	- FRONTERA LAG	SOONS (LIVER -	5 GALLINULES)		
M053	BE1317	880225	BHDL	930	4,000

REP - replicate of sample on line above

FRO 002 0734

·			COBCOLUTION	Transmiss sugarante
	• • • • • • • • • • • • •	Chaminal Mana	Arithmetic"	Concentration (UCL 955)***
Receptors and Media	Samplet Locabon	Cormical Atans	MIGET 1	(000///
L CURRENT LAND USE:				
1. Local Residents				
A. Biots (ug/tg)	Finh & amb (Whole,	Marony	49	<b>\$</b>
	edible or filet)	· · ·		
•	Fronters Lagoons			
•	•	• *	•	
B. Sediment (ug/kg)	Fronters Lagoon	· Mercury	154	220
	mefen sediments	Asstant	1,423	2,980
•	•	MEK. Metrolene Chloride	97	334 .
	•	Carbon Disulfide	91	230 .
		Methyi Chioride	\$07	2,730 0
2. Workers			•	
A. Sois (ug/kg)	Technicon	Marcury	1,175 **	296,913
	industrial soils	Cedmina	753 <del>~</del>	. 520 .
	·	Land	16,525 **	300,000 e
<b>A</b> 4- (	Suttone 5 5 7	Manager	6 00015	6.000275
5. AT (12/2.3)		Acatone	0.43	0.933 •
		Matryians Chloride	15	273 •
		Ethyl Beamers Xviene (Total)	0.017	0.083 e
		Talune	6.025	0.045 #
I. FUTURE LAND USE:		•		
1. Evpethetics/ Christians Resid	iera			18/
A. Soil (ug/kg)	Cristiana surface	Mercury	97	100 E
·	surface solis(0-3")			
1. Ar (ms/m3)	Stations 10 & 11	Mercury	0.0000693	- 0.000112
		Methylans Chloride	0.047	0.152 .
		Xyiens (Total)	6.00027	· 8.003 ·
	Surface Water Supply	Antone	116	119 e
	Locations \$ - 10	Ethyl Benzane	3.2	ω.
		Xyiane (Total)	<b>89</b> 15	220
		Toinene	<u>и</u>	<u>م دید</u>
D. Badimum (a. 6.)	<b>-</b> · · · ·			<b>D</b> 3 •
D. Sacinana (strat)	Fronters Creek	Marcury	114	197 🖕
к.	33 - 42 (0-6")		246	619 .
	•			
2. Hypothetical Local Residents	Modeled values for	Marcury	0.00014	8.0002
A AF (24/23)	Hypothecical Community	Acetope	0.09	0.2 .
•	ر بر بر بر بر المانية م مراجع المانية ال	Mathylens Chloride	8.007	0.065
. · · ·		Tainens	0.006	0.12
•		Xyime (Total)	8.005	0.017 .
B. Surface Water (ug/l)	Fronters Creek	Marany	8.22	641 .
•	Midstream locations	Antons	751	2.870 .
•	•1 - 1/	Ethyi Benzane MIRK	26	<b>97</b> • 1
	• •	Mathyime Chioride	329	4,650
		Tolomo Xalana (Tana)	4.3	15.9 .
			43	213 .
C. Sediments (ug/kg)	The highest measured	Marony		2,900 .
	aidsrang or down-	Carbon Dimitida	423	L,430 .
	stream locations at	Methyl Chloride	21	340 e 24_5 a
•	Fronters Creek	MEX	165	232
D. Technicas Sedimenta(us/ke)	Technicon dint	Ayanda (Tobal)	. 10	13.5 .
	transet sumples	and they	7,139	. 008,850
3. Eypothetical Workers	Technicos disch and	N		
Technicus Sediments (sg/kg)	transet supples		7,139	88,500 e

"One-half the d for sampling :

"One-half the detection limit was used for sampling results listed as 2.4. (not detected) evalues marked with "eval are the prometric messa. evalues marked with "eval are the prometric messa. evalues represent the 95th 5 upper confidence limit of the mess (UCL 95 %) values otherwise indicated. The evalues argument the 95th 5 upper confidence limit of the mess (UCL 95 %) values otherwise indicated. The evaluation of the second s A The UCL 955 was as al Pollitice Mo

**Contaminants of Concern** 

Table 16

## FRO 002 0735

FRO 002 0736

### Table 17 Potential Exposure Pathways

MEDIUM	ROUTE	POTENTIALLY EXPOSED POPULATION			PATHWAY SELECTED FOR EVALUATION?
		WORKERS	ADULTS	CHILDREN	
I. CURRENT LAND US	E:	•.			· · · · ·
<u>Biota</u>	Ingestion	N	Y	Y	¥
Surface Water	Ingestion	N	N	N	N
	Dermal Contact	N	Y	Y	Y
<u>Sediments</u>					
Frontera Lagoons	Dermal Contact	N	Y	N	Y
	Ingestion	N	N	N	N
Technicon Ditch	Dermal Contact	N	N	N .	N
	Ingestion	N	N	N	N
Frontera Creek	Dermal Contact	N	N	N	N
Sediments	Ingestion	N	N	N	N
Air	Inhalation	Y	N	N	Y
	Particulates	N	N	N	N
<u>Soils</u>	Ingestion	'Y	N	N	Y
	Dermal Contact	Y	N	N	Y
<u>Groundwater</u>	Ingestion	N	N	N	N
	Dermal Contact	N	N	N	N
II. FUTURE LAND US	SE:				
Biota	Ingestion	N	N	N	N

Ϊ.

<u>Surface Water</u>	Ingestion Dermal Contact	N N	N Y	N Y		N Y	
Sediments						` <b>,</b>	
Frontera Lagoons	Dermal Contact Ingestion	N N	Y N	Y N		Y N	
Technicon Ditch	Dermal Contact Ingestion	N N	Ý Y	Y Y		Y Y	
Frontera Creek	Dermal Contact Ingestion	N - N	Y N	Y N	•	Y N	
Air	Inhalation Particulates	Y N	Y N	Y N		Y N	
<u>Soils</u>	Ingestion Dermal	N N	Y Y	Y Y	•	Y Y	

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Table 17

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FRO 002 0737

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Toxicity Values for Noncarcinogenic Effects

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Chemical	RfD (mg/kg-day)	Confidence Level	Critical Effect	RfD Source	UF and NF ²
	······				** <u>***********************************</u>
Oral Route			•	:	
Acetone	1.00E-01	Low	Repatic effects	IRIS	UF = 1,000 for N,A,S,L NF = 1
Arsenic	1.00E-03	•			Nealth Effects Summary Tables, USEPA 1990
Cadmi ua	1.00E-03				Health Effects Summary Tables, USEPA 1990
Carbon Disulfide	1.00E-01	Nedium	fetal Toxicity Teratogenicity	IRIS	UF = 100 for 8,A
Ethyl Benzene	1.00E-01	Low	Repatic and Renal	1215	UF = 1,000 for #,A,S
Mercury	3.00-04	Nedium	Neurological Effects	IRIS	UF = 10 for L
Nethyl Ethyl Ketone	5.00E+02	Nedium	No adverse erffects	IRIS	UF = 1,000 for N,A,S,L
Nethyl Isobutyl Ketone	5.001-02	Low	Nepatic Effects	IRIS	UF = 1,000 for N,A,S,L
Nethyl Chloride ⁵	2.40E-01	Low	Neurological effects	Dynamac	UF = 100 for E,A
Nethylene Chloride	6.00E-02	Nedium	Repatic Effects	IRIS	UF = 100 for H,A
Toluene	2.002-01	Kedium	Nepatic and Renal	1215	WF = 1,000 for N,A,S
Xylene	2.00E+00	Medium	Ryperactivity, decrease in body weight and	IRIS	UF = 100 for N,A NF = 1
	•		successed mortality	•	
<u>Permal Route</u> ³ Acetone	1.00E-01	Low ³	•	•	•
Arsenic	1.00E-03			•	Health Effects Summary
Cada ( um	1.00E-03				Tables, USEPA 1990 Nealth Effects Summary
Carbon Disulfide	1.00E-01	Low ³	•	•	Tables, USEPA 1990
thyl Benzene	1.00E-01	Lou ³	•	•	•
lercury	3.002-04	Low ³	•	•	•
lethyl Ethyl Ketone	5.002-02	Low ³	•	•	•
lethyl Isobutyl Ketone	5.002-02	Low ³	•	•	• <del>ସ</del>

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#### Toxicity Values for Moncarcinogenic Effects

Chemical	RfD (mg/kg-day)	Confidence Level ¹	Critical Effect	RfD Source	UF and KF ²
Nethyl Chloride ⁵	2.40E-01	Low ³	•	•	•
Rethylene Chloride	6.00E-02	Low ³	•	•	•
Toluene	2.00E-01	Lou	•	•	•
Xylene	2.00E+00	Low ³	• • • • • • • • • • • • • • • • • • •	•	•
Inheletion Route Acetone	2.99E+00	Low	Narcosia, local	NEA	•
Ethyl Benzene	1.002-01	Low ³	•	•	•
Kercury	3.002-04	Lox3	•	•	•
Sethylene Chloride	6.00E-02	Low ³	•	•	•
Toluene	- 2.00E+00	Lor	•	FR ⁴	•
Xylene	3.00E-01	Low	•	FR ⁴	•

1 - Confidence level from IRIS

2 - UF = Uncertainty Factor; XF = Kodifying Factor Uncertainty Adjustments:

X = variation in human sensitivity

A = animal to human extrapolation

S = extrapolation from subchronic to chronic MOAEL

L = extrapolation from LOAEL to NOAEL

3 - If densal or inhalation RfDs are not available, oral RfDs were used, in such circumstances confidence levels were judged low

4 - 55FR 30798 - July 27, 1990 Federal Register, Proposed Corrective Action Rule for Solid Waste Management Units

5 - RfD estimates by Dynamac based on data obtained from IRIS and ATDSR

6 - Confidence level judged low since RfD for inhalation exposures not reviewed by EPA and/or cited by IRIS

04/24/91

# Table 19 Hazard Indices for Reasonable Maximum Exposures

	Reasonable Maximum Exposure Case								
	HQ Mercury		HI VOCs(3)		HO Amenic		HQ Cedmium		
Receptor Group/Pathway	Adult	Child	Adult	Chud	Adult	Сыла	Adult	CFD9	
L CURRENT LAND USE		•				•			
I. Local Residents	•	•							
ingestion of Aquatic Biota Dermal Contact with	3.6E-01	2.6E-01	-	-	<b>•</b>	· <b>-</b> .	•	•	
Sediments	5.0E-03	-	7.9E-04	-	• ·	-	-	-	
TOTAL HI	3.7E-01	2.6E-01	7.9E-04	-	•	•	-	•	
2. Workers	• •								
Inhalation	6.4E-02		3.3E+00	-	-	<b>-</b>	-	-	
Incidental Ingestion Soll**	4,8E-01	-	•	•	1.6E-03	-	4.0E-04	-	
Dermal Contact Soil**	8.1E+0	• • · · ·	-	-	6.6E-02	-	1.7E-02	•	
TOTAL HI	8.6E+0	-	3.3E+00	•	6.7E-02	-	1.7E-02	-	
TOTAL CURRENT HI	9.0E+0	2.6E-01	3.3E+0	•	6.7E-02	•	1.7E-02	-	
		• * *							
I. FUTURE LAND USE								. •	
1. Cristiana Rosidonta	·	•	•						
Ingestion of Soil	2.5E-04	2.2E-03	-	•	-	-	-	-	
Dormal Contact with Soil	1.6E-02	1.9E-02	-	-	-	-	-	-	
Inhelation	1.2E-01	4.4E-01	1.0E+0	3.8E+00	•	-	-	-	
Dormal Contact with									
Surface Water	9.5E-06	1.1E-04	6.4E-02	7.4E-01	-	•	-	-	
Dormal Contact with	•								
Sediment	4.5E-03	2.6E-02	8.5E-05	5.0E-04	-	•	-	•	
TOTAL HI	1.4E-01	4.8E-01	1.15+0	4.5E+00	•	•			

	Reasonable Maximum Exposure Case								
•	HQ Mercury		HI VOCs(3)		HO Amenic		HQC	datum	
Receptor Group/Pathway	Adult	Child	Adult	Child	Adult	CPD9	Adult	Chud	
2. Future Local Residents	•					•			
Inhalation	2.2E-01	7.8E-01	4.8E+0	1.7E+1	-		•	-	
Dermal Contact with		e e				•			
Surface Water	3.5E-05	4.1E-04	1.5E+0	1.8E+1	<b>•</b> .	-	-	•	
Dermal Contact with									
Sediments	\$.8E-02	3.9E-01	3.6E-4	1.6E-03	-	. •	-	• · · .	
Incidental Ingestion of									
Technicon Ditch Sediments	7.5E-03	1.3E-01	-	-	° 🛶	<b>-</b> '	-	-	
Dormal Contact with						-	•		
Technicon Ditch Sediments	6.4E-01	2.3E+0		•	<b>•</b>	-	Ţ	-	
TOTAL HI	1 9.6E-01	3.6E+0	6.3E+0	3.5E+1	-	-		•	
1 Future Workers		•							
Incidental Ingestion of									
Technicon Ditch Sediments	7.2E-02	-	-	-	-	-		-	
Dermal Contact with								•	
Technicon Ditch Sediments	2.4E+0		-	-	-	-	•	-	
TOTAL HI	2.5E+0	-	4	•	•	-		•	

### Table 19 Hazard Indices for Reasonable Maximum Exposures

Hazard Quotient = DURID

For Peorices Tube workers, and assuming reasonable maximum exposures, the HQ aramic due to incidental ingestion of or dormal contact with •• arsonic is soil was estimated at 4.1E-1 and 1.8E+1, respectively. For WIK workers, the HQ cadmium was estimated at 9.8E-3 and 4.2E-1, respectively

HI Hazard Index = SUM(HQ)

## Toxicity Values for Carcinogenic Effects

Route	Slope Factor (mg/kg-day)-1	Weight of Evidence Classification	Source	
Oral	•		•	
Kethylene Chloride Arsenic	7.50E-03 1.75E-00	Β2 λ	IRIS IRIS(2/91)	
Dermal			•	
Hethylene Chloride Arsenic	7.50E-03 1.75E-00	BZ A	IRIS IRIS(2/91)	
Inhalation			· · ·	
Kethylene Chloride	1.40E-02	B2	IRIS	

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## Summary of Potential Carcinogenic Risks

## Reasonable Maximum Exposures

	Methylen	Arser				
Group/Pathway	Adult	Child	Adult	Child	Total	
I. CURRENT LAND USE	•	•	~			
1. Local Residents					•	
Dermal Contact - Sediments	1.5E-8	• •	<b>-</b> •	-	1.5E-8	
2. Workers						
Inhalation	1.2E-3	•	•	•	1.2E-3	
Incidental Soil Ingestion**	.=	•	1.2E-6	-	1.2E-6	
Dermal Contact with Soil**	•	-	4.9E-5	-	4.9E-5	
-				-		
TOTAL CURRENT RISK	1.2E-3	-	5.0E-5	-	1.2E-3	
I. FUTURE LAND USE				•		
1. Cristiana Residents						
Inhalation	3.8E-4	2.6E-4	-	•=	6.4E-4	
TOTAL	3.8E-4	2.6E-4	+	•	6.4E-4	
2. Future Local Residents				•		
Inhalation	1.6E-3	1.1E-3	•	-	2.7E-3	
Dermal Contact with SW	6.0E-5	4.7E-5	-	-	1.1E-4	
TOTAL	1.6E-3	1.1E-3			2.8E-3	
3. Future Workers	•	•	•	•	-	
· · · · · · · · · · · · · · · · · · ·	et i se este s				•	

**Assuming reasonable maximum exposures, the total lifetime carcinogenic risk for a hypothetical Peerless Tube worker exposed over a lifetime to the maximum detected arsenic concentration in soil was estimated at 3.2E-4 and 1.3E-2 for the direct ingestion and dermal contact pathways, respectively.

#### RESPONSIVENESS SUMMARY FOR THE REMEDIAL ACTION

#### AT THE FRONTERA CREEK SUPERFUND SITE HUMACAO, PUERTO RICO

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TTACHMENT	

Community Relations Activities at the Frontera Creek Superfund Site

#### RESPONSIVENESS SUMMARY FRONTERA CREEK SUPERFUND SITE HUMACAO, PUERTO RICO

#### INTRODUCTION

This Responsiveness Summary summarizes the public's comments and concerns and the U.S. Environmental Protection Agency's (EPA's) responses to those comments regarding the Proposes Plan (PP) for the Frontera Creek Superfund Site (Site) in Humacao, Puerto Rico. EPA's preferred remedial alternative is excavation of 550 cubic yards mercury-contaminated sediments in the Technicon ditch and soils on Technicon's property above 35 ppm with dewatering and disposal at a landfill on the mainland certified for accepting these materials. In addition, air emissions of methylene chloride at the Squibb facility would be reduced to acceptable levels.

EPA held a public comment period from July 24, 1991 through September 23, 1991 to provide interested parties with the opportunity to comment on the PP for the Site.

EPA held a public information meeting to present its preferred remedial action on August 8, 1991 at the Humacao Town Hall, Humacao, Puerto Rico.

EPA conducted the meeting in Spanish because Spanish is spoken by the majority of the local residents. An EPA Region II Caribbean Field Office staff member summarized and translated questions to and responses from non-Spanish speaking EPA representatives into Spanish. EPA distributed copies of the Spanish PP to citizens who attended the meeting. In addition, English and Spanish versions of the PP were made available for the public to review in the information repository, which is located at the Humacao Town Hall in Humacao, Puerto Rico and at EPA's Caribbean Field Office in Santurce at 1413 Fernandez Juncos Avenue.

Based on the comments received during the public comment period, EPA believes that residents of Humacao and the officials of the Puerto Rico Environmental Quality Board (EQB) were responsive to the PP and generally supported EPA's preferred alternative. However, at the public meeting, many long-standing issues and concerns about the health of the ex-residents of the Ciudad Christiana community were discussed.

This Responsiveness Summary is divided into the following sections:

I. BACKGROUND ON COMMUNITY INVOLVEMENT AND CONCERNS: This section provides the history of community concerns and describes community involvement in the process of selecting a remedy for the Frontera Creek Site.

II. COMPREHENSIVE SUMMARY OF MAJOR QUESTIONS, COMMENTS, CONCERNS, AND RESPONSES: This section summarizes the comments EPA received during the public comment period. Oral comments received at the public meeting and written comments received during the public comment period, in addition to EPA's responses to those comments, are included.

In addition to Sections I and II, a list of EPA community relations activities conducted at the Frontera Creek Site is included as an attachment to this Responsiveness Summary. A Spanish transcript of the proceedings of the public meeting is available in the information repository.

#### I. BACKGROUND ON COMMUNITY INVOLVEMENT AND CONCERNS

From 1978 to 1980, a housing development, Ciudad Christiania, was built along Frontera Creek. The community of approximately 500 families began to complain of health problems within a year after their arrival. In February 1985, the Puerto Rico Department of Health (DOH) sampled the blood and urine of a number of residents of the community and found elevated levels of mercury. Soil samples collected by EQB also revealed the presence of mercury. As a result of these investigations, the Governor of Puerto Rico ordered an immediate evacuation of the community.

In March 1985, at the request of DOH, EPA, in coordination with the Agency for Toxic Substances and Disease Registry (ATSDR), began a Focused Remedial Investigation to assess the problem of mercury contamination in Ciudad Christiania. This investigation included sampling for mercury and lindane in soil, sediments, water biota and air. The ATSDR evaluation of the data collected during this investigation and the data previously collected by EQB concluded that mercury did not present an immediate or significant health threat to residents of Ciudad Christiania.

In March 1988, the residents of Ciudad Christiania submitted additional biological examination results to ATSDR for review. ATSDR examined the results of 258 blood tests, 7 urine tests and 37 hair tests. No conclusion could be made by ATSDR regarding the relationship between these mercury results and environmental contamination at the Site. Several factors may have ben responsible for this including other sources of mercury exposure, sample contamination and laboratory error.

EPA has sponsored a number of public meetings and issued a series of fact sheets regarding the Site activities. The most recent EPA community relations efforts include distribution of a fact sheet and a public meeting held August 8, 1991 to present the Remedial Investigation results; a notice of the PP and availability of the administrative record that appeared in the <u>San Juan Star</u> on July 29, 1991 and in <u>El Nuevo Dia</u> on July 24, 1991; and a notice

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extending the public comment period that appeared in the <u>El Nuevo</u> <u>Dia</u> on August 22, 1991. Further public communication regarding the meeting was issued using flyers and a sound truck in the days prior to the meeting to discuss the proposed plan. EPA has maintained contact with the local community throughout the remedy selection process.

Specific issues of concern described by residents and local officials include health effects, housing, public participation, impact on the marine environment and food chain, Site security and information on Site activities.

The PP for remedial action was issued in June 1991, soliciting public comments regarding EPA's preferred remedial options as well as other alternatives for cleaning up the Site. The initial, 30-day, public comment period on the PP began July 23, 1991 and ended August 22, 1991; the comment period was extended thirty days, to September 23, to facilitate additional public comment. During the public comment period, on August 8, 1991, EPA held a public meeting to present the findings of the Feasibility Study and explain the preferred remedy for the Site.

II. <u>COMPREHENSIVE SUMMARY OF MAJOR QUESTIONS, COMMENTS, CONCERNS,</u> AND RESPONSES

SUMMARY OF QUESTIONS AND CONCERNS FROM THE PUBLIC MEETING AND EPA RESPONSES TO THOSE QUESTIONS AND CONCERNS

This section provides a summary of commenter's major issues and concerns, and expressly acknowledges and responds to those raised by the local community. The major issues and concerns on the PP for the Frontera Creek Superfund Site, received at the public meeting on August  $\mathcal{E}$ , 1991, and during the public comment period, can be grouped into three areas:

- A. Health effects/sampling results
- B. Involvement of PRPs
- C. Selection of remedy

A summary of the comments and questions asked by meeting attendees (with commenter noted in parenthesis) and EPA's response to each comment is provided below. A complete transcript of concerns raised during this segment of the meeting, along with the responses, is included in the meeting transcript.

#### A. Health Effects/Sampling Results

Comment: The Ciudad Christiania Ex-Residents Group had submitted additional blood, hair and urine mercury analyses results other than those mentioned in the Proposed Remedial Action Plan. (Mr.

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#### Jose Sepulveda Rivas)

Response: The first set of data was provided to EPA through NUS Corp. (an EPA Contractor) in 1985 and the second set was submitted in March 1988. Both sets have been evaluated by ATSDR. ATSDR concluded that no correlation existed between the environmental sampling results and the data provided by the Ex-Residents.

Comment: The PP states that the hazard index for Technicon workers suggests that they will suffer non-carcinogenic adverse health effects and no further discussion is provided. This seems to imply that workers' site-related illnesses other than cancer are not important. (Mr. Jose Sepulveda Rivas)

Response: It was not our intention to minmimize worker Siterelated illnesses in our discussion in the PP. To the contrary, the fact that the HI for potential exposure to adults from noncarcinogenic Site-related mercury is greater than one, resulting in EPA taking action to remove the mercury-contaminated soils. A concentration of 35 ppm for mercury has been established as the cleanup level for contaminated soils and sediments at the Site. This cleanup level will result an a HI of one. Therefore, a concentration of 35 ppm for mercury will be protective of human health under all identified exposure routes.

Comment: The only valid point in the PP is that EPA finally admits that mercury contamination exists at the Site, even though it is limited to Technicon soils and ditch sediments. It should be highlighted that the Technicon ditch is approximately a quarter mile long and during heavy rains it gets flooded and discharges into Frontera Creek. (Mr. Jose Sepulveda Rivas)

Response: The data collected during the Remedial Investigation (RI) indicates that no migration of mercury is occurring from the Technicon soils and sediments into the creek. Analysis performed on the sediment samples with the highest mercury concentrations showed that mercury is highly absorbed into the soil particles or bound in a matrix configuration.

Comment: EPA should be aware that the Ciudad Christiania Ex-Residents are suffering various health problems which are related to mercury contamination at the Site. These health problems are multiplied due to the synergistic effect of mercury and other chemicals detected at the Site. (Mr. Jose Sepulveda Rivas)

Comment: It is mentioned in the RI that mercury concentrations in Ciudad Christiania are within naturally occurring values. In our previous comments we have stated that mercury levels in Ciudad Christiania surficial soils are higher than background levels.

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Mercury concentrations in background samples are homogeneous at all soil depths; this is not the case in Ciudad Christiania. This suggests that mercury contaminated sediments were used as fill material during the construction of Ciudad Christiania. (Mr. Neftali Garcia Martinez)

Response: Irrespective of whether or not Ciudad Christiania mercury concentrations in soils are comparable to background or naturally occurring mercury concentrations, the results of the Risk Assessment performed for the Site suggest that there is no health risk associated with such concentrations. Furthermore, the mercury concentrations detected at Ciudad Christiania were evaluated by ATSDR, EQB and DOH and it was concluded that mercury does not represent any health threat to residents of Ciudad Christiania.

In addition, Superfund requires that the Risk Assessment determine if any remediation is warranted at a Site and the cleanup level to be achieved.

Comment: I know the case of a neighbor from Yabucoa that used to come to the Santa Teresa Pump Station for fishing every Saturday. He never lived in Humacao. He has shown alarming mercury levels in his body. (Mr. Jose Sepulveda)

Response: The results of biota sampling during 1985 and later during the RI have indicated that mercury concentrations in all samples were below the Food and Drug Administration action level of 1 ppm of mercury. This information suggests that no biomagnification of mercury in the food chain within the study area is occurring.

Comment: Concrete evidence exists regarding the dredging of contaminated sediments from the Cresk during Ciudad Christiania construction. Workers who built the Ciudad Christiana development have been compensated by the Commonwealth of Puerto Rico for illnesses related to mercury. (Gilberto Rivera Ortiz)

Response: EPA's investigation of the Creek sediments have not revealed the presence of mercury concentrations that might pose a problem to human health or the environment. EPA has no information about construction workers being compensated by the Commonwealth for illnesses attributed to the construction of Ciudad Christiana.

Question: What is the criteria for calculating the mercury-associated risk at the Site? (Sonia Luz Vazquez Garcia)

Answer: Under current EPA guidelines, the likelihood of the carcinogenic and non-carcinogenic effects due to the exposure to Site chemicals is considered separately. It was assumed that the

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toxic effects of the site-related chemicals would be additive. Thus, carcinogenic and non-carcinogenic risks associated with exposures to individuals were summed to indicate the potential risks associated with mixtures of potential carcinogens and non-carcinogens respectively. Mercury is considered a non-carcinogen.

Non-carcinogenic risks were assessed using a hazard index ("HI") approach, based on a comparison of expected contaminant intakes and safe levels of intake Reference Doses (RfDs). RfDs have been developed by EPA for indicating the potential for adverse health effects. RfDs, which are expressed in units of milligram per kilogram per day (mg/kg-day), are estimates of daily exposure levels for humans which are thought to be safe over a lifetime (including sensitive individuals). Estimated intakes of chemicals from environmental media (e.g., the amount of a chemical ingested from contaminated drinking water) are compared with the RfD to derive the Hazard Quotient (HQ) for the contaminant in the particular medium. The HI is obtained by adding the HQs for all compounds across all media. An HI greater than 1 indicates that the potential exists for non-carcinogenic health effects to occur as a result of site-related exposures. The HI provides a useful reference point for gauging the potential significance of multiple contaminant exposures within a single medium or across media.

Question: How was the 35 ppm cleanup level established? (Sonia Luz Vazquez Garcia)

Answer: Given a total HI for exposure to non-carcinogenic Site-related mercury contamination of 8.6 as calculated in the Risk Assessment, with exposure to 296,913 ug/kg, the concentration of mercury in soil resulting in a HI of 1 can be calculated by dividing 296,913 by 8.6. This provides an approximate residual concentration of less than 35 ppm which would not result in unacceptable levels of hazard for any receptor.

Question: The PP states that mercury was detected in air in concentrations within acceptable levels. What are these levels? (Sonia Luz Vazquez Garcia)

Answer: Mercury concentrations measured in air within the study area were below the National Emission Standard for Hazardous Air Pollutants (NESHAPS) of 1 ug/m³ which represents an acceptable risk level of mercury in the air. Also, results were below the Threshold Limit Value-Time Weighted Average (TLV-TWA) value for mercury vapor of 0.05 mg/m³. This represents the time weighted average concentration for a normal 8-hour workday to which workers may be exposed without adverse effects.

Comment: When air sampling is conducted it should include

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monitoring during the night since air becomes stagnant. (Sonia Luz Vazquez Garcia)

Response: Air samples were collected during eight hour intervals for periods of twenty-four hours.

#### B: Involvement of PRPs

Question: What precautions if any will be observed during the proposed excavation of contaminated soils and sediments at the Site? (Gilberto Rivera Ortiz)

Answer: Strict health and safety measures will be observed during the excavation of mercury-contaminated soils and sediments to avoid workers' exposure and the release of mercury to other media.

Question: The PP states that high concentrations of methylene chloride released to the air by Squibb were measured at an air monitoring station at Technicon. However, it should be observed that air releases from Squibb stacks have been observed to reach Ciudad Christiania, Junquito and Villa Humacao depending on atmospheric conditions, therefore endangering the health of the people in this community. How will EPA negotiate an agreement with Squibb to reduce their toxic emissions by 90%? Since EPA has taken more than ten years to deal with the mercury problem at Technicon, it can be anticipated that EPA will need until the end of the century to reduce Squibb air emissions. (Mr. Jose Sepulveda Rivas)

Answer: EPA has met twice with Squibb during June 1991 to develop a course of action for emissions reduction. Squibb is currently undertaking several activities related to the methylene chloride problem. In August 1991, Squibb initiated a point source air emission study that will: (1) review existing processes, (2) recalculate plant-wide, substance-specific point source emission rates, and (3) recommend the selection of additional control equipment and/or process modifications, as may be deemed necessary to further reduce emissions. This study is expected to take six to twelve months to complete. Squibb is also undertaking an air quality study to confirm the presence of methylene chloride. The monitoring is anticipated to occur during the next several months and EPA is working with Squibb on these studies.

#### C. Selection of Remedy

Question: Who are the EPA employees responsible for the selection of the remedial alternative to be implemented at the Site? (Jose Sepulveda Rivas)

Answer: Congress has delegated this authority to EPA Headquarters and EPA Headquarters redelegates this authority to the Regional

Administrator. In Region II this authority is delegated to Mr. Constantine Sidamon-Eristoff.

Comment: The Ex-Residents of Ciudad Christiania disagree with the findings of the RI and the proposed remedial alternative. It is recommended that a new PP be developed including the remediation of the lagoons, beach and toxic chemicals released by Squibb. (Mr. Jose Sepulveda Rivas)

Response: The results of the RI field sampling indicate that mercury concentrations significantly in excess of background values are limited primarily to some surface soils and ditch sediments on Technicon property. In terms of Hazardous Substance List (HSL) parameters, the results of the RI indicate that widespread releases of these chemicals have not occurred in soil, groundwater and biota. While sporadic detection of relatively high concentrations of volatile organics have occurred in a few surface water and sediment samples, and inorganic chemicals have occurred in a few industrial soil samples, there is no evidence in these media to suggest widespread contamination at sampling locations throughout the Site and/or over long stretches of Frontera Creek or the Frontera lagoons. The only exception appears to be volatile organics in air.

The Squibb facility appears to be the source of the methylene detected in the ambient air chloride at unacceptable concentrations. EPA has sought an agreement from Squibb to reduce these emissions by 90% which will result in a 10⁴ risk level. This agreement is being conducted under will first be sought under the authority of the Clean Air Act. As described previously, Squibb is currently undertaking several activities related to the methylene chloride problem. In August 1991, Squibb initiated a point source air emission study that will: (1) review existing processes, (2) recalculate plant-wide, substance-specific point source emission rates, and (3) recommend the selection of additional control equipment and/or process modifications, as may be deemed necessary to further reduce emissions. This study is expected to take six to Squibb is also undertaking an air twelve months to complete. quality study to confirm the presence of methylene chloride. The monitoring is anticipated to occur during the next several months and EPA is working with Squibb on these studies.

Comment: A thirty-day time extension was requested to comment on the PP. (Mr. Neftali Garcia Martinez)

Response: A thirty-day time extension was granted.

Question: Why has EPA decided that the Frontera Creek needs to be remediated? (Mr. Gilberto Rivera Ortiz)

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Answer: EPA is not proposing any remediation in the Creek. EPA's proposed remedial alternative addresses the Site mercury contamination in sediments and soils of the Technicon property. The response action will reduce mercury concentrations to levels protective of human health and the environment. EPA has determined that the areas that need to be remediated are Technicon facility soils and the sediments of the Technicon ditch. It is estimated that 500 cubic yards of mercury contaminated soils and sediments above 35 ppm need to be excavated and disposed of. The cleanup level of 35 ppm was determined through a Risk Assessment performed for the Site.

Comment: Serious doubts have been raised during the public meeting on whether the Creek is contaminated or not according to the RI results. If the Creek is contaminated, this eliminates the theory that mercury is not migrating from the Technicon soils and sediments into the Creek. If this is the case, then the proposed alternative might not be protective of human health and the environment. (Jesus Cintron Rosario)

Response: According to the RI results, there is no indication of mercury migration from the Technicon soils or the Technicon ditch sediments. Mercury concentrations for the Creek sediment samples and analyses revealed average concentrations in upstream, midstream and downstream portions of the Creek at 0.091 ppm, 0.505 ppm and 0.330 ppm respectively. The highest mercury concentration detected was 2.9 ppm. Approximately 90% of the samples from the Creek had less than 1 ppm of mercury. The Frontera Creek sediments are generally within background ranges.

Comment: "Frontera Creek Site" Superfund PP is mis-named and does not actually clean up Frontera Creek. This plan, as now proposed, seems to be a pretext for the clean up of the Technicon Site only. (Sonia Luz Vazguez Garcia)

Response: The Frontera Creek Site is defined as the Frontera Creek from east of Junquito Ward to its entry into the Caribbean Sea; the 13 industrial properties adjacent to the creek, the North, Southeast and Southwest Frontera lagoons also known as the Santa Teresa Lagoons; their associated abandoned pump stations which were used to keep the lagoons dry for agricultural purposes and the Ciudad Christiania housing development located alongside the creek.

The PP identifies the EPA's preferred alternative for remediating contaminated sediments and soils at the Site.

Comment: ATSDR has questioned the integrity and validity of the health data from the ex-residents and also the integrity of local professionals, hospitals and laboratories. However, they have not made any effort to investigate and collect the evidence they need

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to qualify our data. Instead they made irresponsible statements that no conclusions can be reached or that potential for laboratory error exists or potential for sample contamination. (Sonia Luz Vazquez Garcia)

Response: ATSDR's position is that no correlation can be made between the environmental data and the health data provided by the Ex-Residents of Ciudad Christiania. Given the mercury concentrations present at the Site, it is not expected that people will be found with mercury levels in blood, urine and hair as high as those reported by the Ex-Residents, which are claimed to be resulting from Site exposure.

ATSDR is willing to meet with the affected community, to learn about their health problems and to cooperate and assist local agencies in the investigation and clarification of such problems and their potential causes.

# SUMMARY OF WRITTEN COMMENTS AND CONCERNS AND EPA RESPONSES TO THOSE WRITTEN COMMENTS AND CONCERNS

Comment: The PP for the Site presents serious historical, theoretical and methodological flaws. The plan sidesteps the past and the health of the Ex-Residents of Ciudad Christiania. Furthermore, it hides the history of the industries and the developer of Ciudad Christiania who originated the problem.

Answer: Sampling efforts at the Site were initiated by EQB in 1977, approximately seven years after industrial operations began, and efforts by EPA began in October 1979. The database from the historical sampling activities at the Site until 1985, provide a general indication of the nature and extent of contamination. More specifically, with respect to aquatic media, the data from approximately 355 samples taken from approximately 170 locations indicated that mercury concentrations in sediment were generally less than 1,000 ug/kg in Frontera Creek, the Frontera Lagoons and Mandri Canal, and were one to two orders of magnitude higher in the Technicon ditch. Low concentrations of mercury were also detected in approximately 100 surface water samples from approximately 80 locations, and in the limited number of aquatic biota samples collected. Other hazardous substances, including volatile organic compounds such as methylene chloride and acetone, and metals such as chromium, were detected sporadically and generally at low concentrations in some sediment and surface water samples. Effluent sampling by the EQB, Technicon and EPA identified releases of lindane, mercury and organic priority pollutants by Reedco, Technicon, and Squibb, respectively. Overall, the historical database indicated that discharges from the Site industries were collectively

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contributing to the degraded water quality observed in the creek.

These activities culminated in a Remedial Investigation/ Feasibility Study conducted at the Site by Dynamac Corp. (Revlon's contractor) with EPA and EQB oversight. The oversight is performed to assure that the investigation is being performed in adherence to EPA protocols. The objectives of the RI included the identification of potential sources of hazardous substances at the Site; definition of the nature and extent of contamination in the environmental media; identification of potential pathways of contaminant migration; and assessment of the potential risks posed to receptors.

The Scope of Work for the RI was delineated, based on the historical database available for the Site. Furthermore, the health data provided by the Ex-Residents of Ciudad Christiania was used for the selection of soil sampling locations within Ciudad Christiania.

Comment: Citizens questioned how EPA can accept the findings of the RI, since Technicon's (Revlon) contractor performed this study.

Answer: Under CERCLA, EPA has the authority to enter legally binding Consent Agreements with Potentially Responsible Parties (PRPs) to conduct remedial investigations, which EPA and the Commonwealth oversaw. Based on the results of these studies, EPA, not the PRPs, selects the remedy. This system allows EPA to address a maximum number of Superfund sites in the most costeffective manner possible. However, EPA has overseen all aspects of this study including field work and review of the data that was collected.

Comment: Citizens claimed that EPA and ATSDR have sidestepped the evidence that the Ex-Residents of Ciudad Christiania were intoxicated with mercury and other chemicals at the Site by raising flaws in the methodology used to collect the blood samples by Humacao's medial laboratories.

Answer: ATSDR concluded, after their evaluation of the biological examination results submitted by the Ex-Residents through EPA, that no conclusion could be made regarding the relationship between these mercury results and environmental contamination at the Site.

Comment: Citizens claimed that the objective of the RI/FS was to characterize present conditions at the Site and not past conditions.

Answer: The objective of the RI/FS was to define the nature and

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## TABLE 22

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## Potential Chemical-Specific ARARs

Item	Reference	Mercury Concentration Limits	Remarks
1. Soil/Sediment Spray	ROD-GE Wiring Services Site, Juana Diaz, PR		No chemical-specific ARAR for mercury in soil/sediment are available
2. Freshwater and Saltwater Criteria for Protection of Human Health and Aquatic Life	CWA Ambient Water Quality Criteria EPA, Oct. 1980 and EPA, Jan. 1985	Protection of human health: a) water and fish ingestion = $1.4 \times 10^{-4} \text{ mg/l}$ b) fish consumption only = $1.5 \times 10^{-4} \text{ mg/l}$	
		Protection of aquatic life in freshwater: acute = $2.4 \times 10^{-3}$ mg/l chronic = $1.2 \times 10^{-5}$ mg/l	
		Protection of aquatic life in marine water: acute = 2.1 x 10 ⁻³ mg/l chronic = 2.5 x 10 ⁻⁵ mg/l	For chronic exposures based on 4 day average concentration exceedance, once every 3 years for acute exposures, based on 1 hour average
			concentration exceedance once every 3 years. Also, criteria based on acid soluable filtered samples.
3. PR State Dept. of Health: Freshwater Water Quality Criteria	PRDOH Regulations	Water uptake = 1 ppb (instream) or 1 x 30 ⁻³ mg/l	Liquid phase not consider- ing sediment or fish consumption
4. Standards for discharge to POTW, Puerto Rico	Puerto Rico ASA Rules and Regulations for the supply of water and sewer services, State Dept. 3308	a) surcharge condition limit = 0.05 mg/l (when applicable) b) max permissible limit = 0.10 mg/l (when applicable)	

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Item	Reference	Mercury Concentration Limits	Remarks
5. Characteristic Hazardous Solid Waste	40 CFR 261, Subpart C 261.24	•	EP Toxicity Max. Conc. = 0.2 mg/l
6. Air Exposure Limits	CAA; NESHAPs (National Emission Standard for a Hazardous Pollutant)	1 ug/m ³	Ambient air quality for mercury issued under NESHAP, pursuant to CAA

## Potential Chemical-Specific ARARs

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## Potential Action-Specific ARARs

Action	Requirements/Applicability	Citation
Dredging	Removal of all contaminated soil/ sediment:	
	a) RCRA hazardous waste placed at site or into another unit	40 CFR 264.228 40 CFR 264.258
	b) Dredging must comply with section 10 of the <u>Rivers and Harbors Act</u> and U.S. Army Corps of Engineers Regulation	33 USC 403 33 CFR 320-330
	c) Permits under Section 404 of CWA	
Excavation	Material containing hazardous waste subject to land disposal in another unit	40 CFR 268 C
Discharge to POTWs	Guidance in EPA memorandum entitled "Discharge of Wastewater from CERCLA Sites into POTW	40 CFR 403.5 and local regulations
Dike Construction/ Stabilization	Existing surface impoundments containing hazardous wastes, or creation of a new surface impoundment	40 CFR 264.221-227
Wast <b>e</b> Transportation	RCRA and Dept. of Transportation rules for the transportation of hazardous materials	49 CFR Parts 107, 171.1 - 172.558 49 CFR.173
On-sit <b>e</b> Treatment	RCRA hazardous waste being treated on-site or placed into another unit	40 CFR 264.271-283
Container Storage	Container of RCRA hazardous waste held for a temporary period	40 CFR 264.171-178
Closure with waste in place	Stabilization of waste and waste residues to support cover	40 CFR 264.228, 258, 310

In addition to action-specific ARARs, other Federal requirements may include:

- OSHA requirements for workers engaged in response or other hazardous waste operations (29 CFR 1910.120)
- Occupational Safety and Health Act of 1970 (20 U.S.C. 651)

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#### TABLE 22

### Location Specific ARARs

Location specific ARARs are restrictions placed on the concentrations of hazardous substances or the conduct of activities solely because they are in specific locations. Examples of special locations include floodplains, wetlands, historic places, sensitive ecosystems or habitats.

- 1. Parts of Frontera Creek site may have locational significance (sensitive habitats in the Lagoons and surrounding areas); and may be subject to the Endangered Species Act. The Act requires action to avoid jeopardizing the continued existence of listed endangered or threatened species or modification of their habitat.
- 2. Fish and Wildlife Coordination Act: Requires action to protect fish and wildlife from actions modifying streams or areas affecting streams. The Act may become relevant if remedial alternatives include Frontera Creek diversion or channel modification.

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APPENDIX C

## APPENDIX D

extent of contamination at the Site and to evaluate a range of remedial alternatives for the remediation of any contamination problem present at the Site.

Comment: Peerless Tube Company requested that a letter dated July 25, 1991, from Carole Petersen, Chief, New York/Caribbean Superfund Branch II, EPA Region II to Dr. David Lipsky of Dynamac Corporation regarding the Frontera Creek RI approval be made part of the Administrative Record for the Site.

Answer: Such letter dated July 25, 1991 will be made part of the Administrative Record for the Frontera Creek Site.

Comment: The July 25 letter refers to Addenda to the RI dated June 5, 1991 and July 10, 1991 as submitted by Revlon. We believe that the reference to the July 10, 1991 Addendum is to the Technical Memorandum of the same date prepared and submitted to EPA by Dynamac Corporation. If that reference is correct, we request that it be clearly reflected in the Administrative Record.

Answer: The July 10, 1991 Addendum refers to a Technical Memorandum submitted by Dynamac Corp. to EPA to provide the results of the focused sampling effort completed at Peerless Tube's facility in Humacao, Puerto Rico and to update and amend sections of the Frontera Creek RI report regarding potential risks to Peerles Tube workers associated with exposure to arsenic in soils.

Comment: The concluding sentence of Carole Petersen's letter states that "we (EPA) are hereby granting our approval of the above mentioned reports." That statement would appear to be an affirmation by EPA of its agreement with the Risk Assessment conclusion, i.e., risk of worker exposure to arsenic is within the acceptable range by Dynamac Corporation as set forth in the July 10, 1991 Technical Memorandum. If this is so, we hereby request that the EPA, as part of the Administrative Record, set forth such affirmation in clear and unambiguous language.

Answer: EPA's approval of said document means that EPA is in agreement with the findings and conclusions expressed in the document.

Comment: The PP incorrectly states that the background mercury concentration for industrial soil is 0.15 ppm when it should be 0.057 ppm.

Answer: The background mercury concentrations for industrial soils varied from non-detect to 0.190 ppm, according to the RI analytical results.

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Comment: The RI states that the fill material in Ciudad Christiania is of a homogeneous nature. This contradicts our observations during the test boring logs performed.

Answer: Based on the lithologic descriptions reported on the test boring logs, alluvial sediments underlie the fill at Ciudad Christiania. The lithologic descriptions indicate that these alluvial deposits consist primarily of grayish interbedded sand and clay. In contrast to the overlying fill, samples of these deposits tended to exhibit stratification and generally did not contain gravel. Although lateral continuity of these deposits was not observed, this is expected for alluvial sediments and is a function of depositional processes. Moreover, disruption of these sediments may have occurred during the earth-moving activities reported to have taken place in this area in the 1930's associated with the channelization of Frontera Creek.

THE FOLLOWING ARE SPECIFIC COMMENTS FROM SQUIBB. The comments are identified by the numbering in Squibb's comment letter to EPA.

Comment: 2.0 SAMPLING ISSUES

Comment A: "Due to cost concerns," the HSL air sampling was limited to Christiana, the Technicon area, and upwind control sites only. Table 4-85 indicates that for the Christiania locations, the methylene chloride concentrations were not measured on 07-21-89, 07-26-89, 08-17,89, and 08-18-89. Out of eleven (11) sampling rounds, six (6) rounds were not analyzed for the parameters in question. How then were the HI values for Christiania determined in the Risk Assessment report? Theoretically, Christiania was selected as an important sampling point, yet more than 50% of the time samples were not taken there.

Answer: The air monitoring for HSLs at the Site was a quantitative screening program to provide an initial evaluation of the ambient air quality within the study area. Although the data was limited in scope, EPA feels it is reasonable to assume that these data may be potentially representative of exposures to workers under current land use conditions and exposure to future residents at Ciudad Christiania via the inhalation pathway.

Comment B: Apparently, no air monitoring was done within the Squibb property. A review of the details of the air monitoring program at the Technicon Site indicates there are significant experimental biases, as listed below, that may lead to incorrect conclusions based on available sampling data validity. There may also be statistical errors that would contribute to falsely high concentrations of methylene chloride reported coming from the

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#### Squibb facility. For example:

The air sampling was done between 7:00 a.m. and 3:00 p.m. and 8:00 a.m. and 4:00 p.m. This time span does not represent 24 hours. The hypothetical receptor concentrations are based on 3X any measured concentrations rather than a genuine reading for a 24 hour cycle.

The methylene chloride results were admitted to be "rough" or at best semi-quantitative. Therefore, all model work based on this data would be inexact at best and may very well be incorrect.

Calculations listed in Table 1 in Appendix 3 were impossible to relate to raw data. The logic used to determine the five day average is unclear, as are the values reported as highest and second highest concentration. Further explanation is necessary for this data. Comparison between Table 4-86 and Table 1 of Appendix 3 should be possible, yet the values are quite different.

The speculated high source rates of the two areas should be verified. There is a reference in Appendix 3 that the required emission rate is  $3,500 \text{ g./sec./m}^2$ . This is a very large emission rate and should be confirmed. It would appear that the emission rate was back calculated using the measured air concentrations and an assumed "in-plant" source shape.

Answer: Squibb was identified by EPA as the source for high methylene chloride concentrations measured in air during the RI, based on the Toxic Release Inventory database for the town of Humacao. Squibb has reported stack and fugitive air emissions of methylene chloride of 103,300 lbs, 226,140 lbs, and 233,520 lbs for the years 1987, 1988 and 1989 respectively. No other company within the Humacao Industrial Park has reported any air release of methylene chloride.

Comment: 3.0 DATA REDUCTION AND VALIDATION ISSUES

Comment A. Methylene chloride is a common lab contaminant and was frequently detected in trip blanks and method blanks processed throughout the sampling program. (See Table 5-14). This is a serious concern as the presence of methylene chloride in blanks, especially the method blank, compromises the accuracy of the measured sample concentrations.

Answer: All the data collected during the RI was validated following EPA Region II data validation protocols for rejecting or qualifying all analytical data. In the case of common laboratory contaminants (including acetone, MEK, methylene

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chloride, toluene and phthalate esters) qualifiers were applied when the analyte was detected at a concentration less than ten times the maximum amount in the associated blank samples.

Comment B: How did the laboratory determine the analytical results for parameters reported in Table 4-85? The footnote explains the values are reported as ppb. Ppb needs to be defined as an air quality unit of concentration. Were these analytical values reported as ppb converted to mg/m³ at some point and was that conversion done correctly? Issues concerning data reduction, conversion, and validation, as well as QA/QC practices for these analyses should be addressed.

Answer: The results are reported in ppb in a volume/volume basis.

Comment C: Table 4-86 lists the average values reported for methylene chloride. These values are not consistent with the individual results listed in Table 4-85. For example, consider the individual results for location 1 for methylene chloride:

07/21	BMDL (below minimum detection level)
07/26	BMDL
07/26	BMDL
07/27	28 ppb - The average is reported at 0.059 $mg/m^3$
08/07	16 ppb

How were the average values on Table 4-86 determined? What statistical procedures were used throughout the study concerning data reduction, especially for samples with values less than minimum detection level (MDL)? We have been unable to reproduce the air concentration values utilizing the reported analytical data.

Answer: For all hazardous substances excluding mercury, the average concentrations were calculated based upon the data for all samples excluding the rejected data and by averaging the data from replicate pairs for those concentrations reported to be greater than zero.

Comment: 4.0 RISK ASSESSMENT ISSUES

Comment A: Air monitoring program is admitted semi-quantitative (p. 6.21 of RIR). This is very important to remember since all risk assessment data is now based on values for methylene chloride that are approximate and the values also are a product of apparently flawed sampling, analysis, and data reduction processes.

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#### Answer: Already answered.

Comment B: It is illogical that the only volatile organic compound targeted for Risk Assessment concern was methylene chloride. Toluene, xylene, and ethyl benzene were all found to be present at concentrations of a comparable risk concern as the levels of methylene chloride. Why were these organics discounted from the Risk Assessment concern?

Answer: Toluene, xylene and ethyl benzene were considered as chemicals of potential concern in the Risk Assessment. Total xylenes were detected at three and surface water locations and ethyl benzene was detected at two surface water locations; with maximum concentrations of 185 ug/l and 48 ug/l respectively. Both compounds were also detected in some air samples and in a Squibb storm sewer sediment sample. Toluene was also detected at trace concentrations (less than 20 ug/l in several surface water samples, in air and in two sediment sampling locations.

Comment C: A significant portion of the Risk Assessment concern for methylene chloride is via an inhalation pathway. There is no EPA approved RfD for methylene chloride for inhalation exposure. Therefore, an oral RfD was used. The hazard quotient calculated for methylene chloride is by definition an estimate only. The RI Report does acknowledge the HQ is an estimate, however, inhalation data on methylene chloride should be available and should have been used rather than an oral RfD.

Answer: The RI Report does acknowledge that the methylene chloride HQ is an estimate; however, the inhalation carcinogenic risk for methylene chloride was derived from a slope factor available on the Integrated Risk Information System (IRIS).

Comment D: The HI for all VOCs for adult receptor groups: local residents, Christiania residents and workers was 0.16, 0.3, and 6.1 x  $10^{-5}$  respectively. For children living in Christiania, the HI for all VOCs was 0.86. Since all of these HI values are < 1 of all receptor groups, age group, each pathway and all VOCs, methylene chloride should not be considered an issue. The RI Report clearly states an HI value of < 1 is considered acceptable.

Answer: The HI for potential exposure to adults from noncarcinogenic site related volatile organic compounds via air inhalation is 3.3.

Comment E: It must also be stressed that the HQ for methylene chloride for the Christiania area is similar to background concentration according to the RI Report. Therefore, why does

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the report state (p. 3-2) that children living in Christiania are potentially exposed to VOCs at projected hazard levels?

Answer: The RI Report states that on average the reported concentrations in Ciudad Christiania were close to background levels. For the purpose of the Site Risk Assessment, it was assumed that a resident of Ciudad Christiania would be exposed to the upper 95th percentile concentration from the two Christiania sampling points for the entire sampling campaign.

Comment F: In the RI Report, they state on p. 6-53, "In summary, there is no evidence that any receptor group would be at risk within the study area due to potential exposures to mercury or volatile organics in air utilizing realistic assumptions about likely exposure scenarios."

Answer: The Revised Draft RI Report dated February 1991, which is the EPA approved report clearly states that the Site poses an unacceptable health risk under the reasonable maximum.

Comment G: In discussing the carcinogenic risk, the RI Report states that methylene chloride concentrations at Christiania are identical at upwind, downwind, and background control sites. The RI Report states that the total lifetime incremental carcinogenic risk for residents of Christiania is 7.3 X 10-⁵. This value is within the range of 1 X 10-⁶ to 1 X 10-⁴ considered by regulatory agencies* to be within the range of acceptable risk. The estimated excess carcinogenic risk for workers at the location downwind of Squibb and behind Technicon where the methylene chloride concentration was found to be highest was  $3.2 \times 10^{-5}$ , again within acceptable limits. Therefore, the carcinogenic risk for methylene chloride is well within the range of acceptable risk, even for the people with the greatest exposure.

Answer: The total lifetime incremental carcinogenic risk for residents of Christiania is  $6.4 \times 10^4$ . This value is at the higher end of the range considered by regulatory agencies. The estimated excess carcinogenic risk for workers is  $1.2 \times 10^3$  which is above the acceptable range.

Comments H & I: Already answered.

Comment K: The RI Report states p. 6-70 "Using <u>highly unlikely</u> <u>worst case exposure assumptions</u>, the HQ slightly exceed one (1.1) for a child residing ion Christiania due to the inhalation of methylene chloride in the ambient air." This does not indicate a methylene chloride problem since a HQ of 1 is considered acceptable and this scenario by their own admission is highly unlikely.

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Answer: The Revised RI Report dated February 1991 states that by using reasonable maximum exposure assumptions the HQ for a child residing in Ciudad Christiania is 3.7 due to inhalation of methylene chloride in the ambient air.

Comment L: Interestingly enough, the HI for all other VOCs was 1.0 for all pathways with the exception of children hypothetically exposed to MIBK through dermal contact with surface water. (Estimated HI of 4.0). Why is such a large HI value ignored if the potential new residents Risk Assessment for VOCs is a concern?

It is also confusing that methylene chloride is a target compound for air emission concerns; yet a review of the risk assessment indicates xylene, ethylbenzene and toluene have a greater HQ than methylene chloride (see Table 3-2). What is the criteria used to determine methylene chloride as the analyte requiring greater emission control?

Answer: Using reasonable maximum exposure assumptions the HQ for a child residing in Christiania and exposed to MIBK through dermal contact with surface water is 0.51.

Comment M: Also in the RI Report: "While sporadic detection of relatively high concentrations of volatile organics have occurred in a few surface water and sediment samples, there is no evidence for these media to suggest widespread contamination at sampling locations throughout the site and/or over long stretches of Frontera Creek or the Frontera Lagoons," (p. 7-5). Therefore, risk exposure is limited.

Answer: An unacceptable risk might exist for dermal contact with Frontera Creek surface water containing acetone to children under the future local residents scenario (HI 3.3). However, no source was identified throughout the RI other than a broken sewer line fixed by PRASA in 1991.

Comment N: Also in the RI Report: In their discussion of the adequacy of the data, they acknowledge the need for additional data "to assess the issue of volatile organics in air and to refine the risk estimates for this pathway."

Answer: Already answered.

Comment O: Below is a quote from the RI Report; clearly there are serious doubts about the validity of the model:

"For hypothetical exposures associated with highly unlikely future changes in land or water usage, and assuming conservative estimates of receptor behavior, the HI for methylene chloride was

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estimated to exceed 1.0 via the inhalation pathway for future residents of the hypothetical housing development (3.9 and 14 for adults and children, respectively). However, there are a significant number of uncertainties associated with this estimate. First, it assumes no future changes in the ambient air concentrations of methylene chloride. Second, there is no RfD for methylene chloride based on inhalation exposures. Third, the model used to estimate methylene chloride concentrations in the hypothetical community utilized a limited number of data points. On an annual basis, the average concentrations of methylene chloride could be substantially higher or lower than was modeled in the Risk Assessment."

Therefore, it is not possible to determine with any reasonable accuracy from this report what the exposure will be for future land usage.

Answer: Already answered.

Comment P: The inhalation exposure used in the RI Report for methylene chloride assumed 100% of all methylene chloride inhaled would be absorbed. This is unrealistic. Typically, 30% would be absorbed, perhaps as much as 50% would be absorbed as a worst case situation. Therefore, all these Risk Assessment conclusions based on an inhalation pathway for methylene chloride may be incorrect. Also, the ventilation rate of children should be calculated at half the rate for adults. This was not the rate assumed for the Risk Assessment calculation for this report and will result in false high values.

Answer: An absorption rate of 30-50% is more typical at high concentrations or during hyperventilation; under "normal" conditions, 100% absorption is more representative of a reasonable maximum scenario. Furthermore, the respirable minute (rate) volume for children is approximately the same as that for adults. Additionally, the question equates ventilation rate with total volume thereby not accounting for volume exchange per breath (tidal volume). Thus, because children have a lower tidal volume than adults, they have a greater ventilation rate in comparison to adults.

Comment Q: It is important that any Risk Assessment analysis be site specific. Apparently, Risk Assessment calculations were done at background sites (i.e., Christiania). This is unusual typically Risk Assessment is not done on background site. What the RI Report did not do is subtract any background Risk Assessment values from any other site specific Risk Assessment values to obtain a representational actual risk.

Answer: Please note that Christiania is considered part of the

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"Site" and hence does not represent a "background site."

Comment R: Also, missing from the RI Report discussion of Risk Assessment is a calculation of probable risk. Typically, a calculation of the probability of a scenario x the Risk Assessment = a probable risk.

In this situation, it is believed that the probable risk in the case of methylene chloride inhalation exposure for future and current residents would be quite low.

Answer: "Probable risk calculations" as defined in the question are not included in Superfund Risk Assessments.

Comment S: In the RI Report, the assumed exposure period of six (6) years for children (200 mg of soil ingestion per day, 365 days/year) should have dictated the use of a subchronic RfD. This was not done. The use of a subchronic RfD could have changed the Risk Assessment value by as much as an order of magnitude.

Answer: Children at this Site were not considered to be "subchronic receptors" because a subchronic calculation would assume that exposure is limited exclusively to that period and this receptor may experience continued exposure as an adult.

Comment T: The RI Report also present unrealistic sediment adherence  $(2.77 \text{ mg/cm}^2)$  and dermal absorption rate (10% for mercury, 25% for volatiles). Therefore, the Risk Assessment values calculated based on this information are inaccurate.

Answer: The soil adherence factor used in the Risk Assessment was obtained from <u>Risk Assessment Guidance for Superfund</u> and hence considered representative of a reasonable maximum scenario for the Site. Furthermore, the dermal absorption rates were considered appropriate. Many volatiles, for instance, are rapidly absorbed by the skin.

NOAA COMMENTS:

Comment: The PP should not state that mercury levels in Frontera Creek are generally within background ranges when background levels for that system are not known. Levels of 1 to 2.9 ppm in Frontera Creek were found in several locations confirming that mercury has migrated into Frontera Creek. These are not background levels.

Answer: The statement that "mercury levels in Frontera Creek are generally within background ranges" is based on data reported by

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USGS for streams and rivers in the US for natural occurrence of mercury. In Frontera Creek, approximately 90% of stream sediments sampled had less than 1,000 ug/kg, consistent with the data reported by USGS.

In addition, an evaluation was made to determine whether current mercury concentrations are higher or lower than those reported in the past. If the concentrations are lower, it might have been indicative of significant losses of mercury due to physical/chemical/biological activities (e.g. volatilization, methylation, uptake) or due to hydraulic transport of mercuryentrained sediments. After performing the evaluation from a qualitative perspective, the evaluation concluded that recent data is indicative of the results of previous sampling campaigns. For example, the highest concentrations were detected in the Technicon ditch and nearby downstream section of Frontera Creek, with mercury concentrations in the 10 to 30 ppm range.

Comment: The PP cannot conclude that no biomagnification occurs up the food chain. The biotic study does not provide the type of data necessary to make that conclusion. The study was not designed for the way that mercury bioaccumulates and biomagnifies.

Answer: The results of biota sampling indicate that mercury concentrations in all samples were below the FDA action level of 1 ppm.

Even though the biota study was not delineated to assess mercury biomagnification in food chain, the biota sampling analytical results coupled with the environmental data suggests that no biomagnification is occurring or should be expected based on the mercury concentrations detected in these medias.

Comment: Bioaccumulation was not considered one of the exposure routes for the human health risk assessment for mercury. At many sites with mercury contamination, this route is the primary route of exposure. Are people drinking milk or eating meat from cows that graze in the area? The bioaccumulation of mercury by aquatic biota was not adequately determined from the biota sampling. Therefore, a new study would be needed for assessing exposure to mercury from ingesting aquatic organisms in a human health risk assessment.

Answer: Cow hair, blood, and milk samples were collected and analyzed for mercury. No quantifiable concentrations of mercury were found in any of the samples. These media were sampled from cows along Frontera Creek behind Squibb.

It should be noted that not all the appropriate biological

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species needed to be sampled to address biota mercury uptake are available at the Site.

Comment: The cleanup of 35 ppm was based on human health protection and did not consider the environment. A level that would be protective of the environment would have to be determined independently of the human based assessment.

Answer: A comprehensive and quantitative environmental assessment was performed to compare species diversity and abundance at the Site. The results indicated that the Frontera Lagoons and Mandri Canal represent thriving ecosystems as measured quantitatively by species diversity and abundance. In comparison, the Frontera Creek is clearly impoverished in the number and diversity of species it supports. However, this lack of species diversity and abundance in the Creek is attributed to the prevailing low or intermittent flow conditions and the significantly low dissolved oxygen levels recorded at the creek. Since industrial discharges to Frontera Creek have been stopped for many years, these dissolved oxygen levels are not likely related to industrial discharges. These may have been related to the broken PRASA sewer line which has since been repaired.

Comment: Under long-term effectiveness and permanence it is stated that potential threats to human health and the environment will be eliminated therefore no long-term monitoring is needed. There is insufficient data to support this claim in the absence of an environmental risk assessment. Since the cleanup level was not environmentally based, a well-planned monitoring program is the only way to demonstrate the absence of a threat to the environment.

Answer: The excavation and off-site disposal of contaminated materials offers the highest degree of long-term effectiveness and permanence by removing the mercury from the Site down to acceptable concentrations. Furthermore, the Toxicity Characteristic Leaching Procedure (TCLP) analysis performed on samples from the highest mercury contaminated areas (Technicon ditch and Technicon soils) revealed that mercury will not leach out of soils or sediments. However, additional measures like revegetation and erosion control will be implemented during the remediation to eliminate the potential for mercury migration to Frontera Creek sediments. Therefore no long-term monitoring is required for the selected remedy.

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## APPENDIX E

### COMMONWEALTH OF PUERTO RICO / OFFICE OF THE GOVERNOR

Environmental Quality Board

September 17, 1991

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Kathleen Callahan Director Emergency and Remedial Response Division Environmental Protection Agency Region II - Room 737 26 Federal Plaza New York, New York 10278

> RE: ENVIRONMENTAL PROTECTION AGENCY (EPA) DECLARATION FOR RECORD OF DECISION OF FRONTERA CREEK SITE, HUMACAO, PUERTO RICO

Dear Ms Callahan:

The Superfund Core Program of the Air Quality Area, received the Declaration for the Record of Decision of Frontera Creek Site, Humacao, Puerto Rico for evaluation and comments.

The alternative chosen by the Environmental Protection Agency (EPA) is Alternative 3: "Excavation, Removal and off-site Disposal without Treatment". This alternative involves the excavation of 370 cubic yards of mercury-contaminated sediments at the Technicon ditch, the excavation of 180 cubic yards of mercury-contaminated soils at the Technicon surrounding facility and the dewatering and containment of excavated material. The off-site disposal of excavated material will be at a RCRA Subtitle D or C waste facility in the mainland. Waste generated from dewatering will be analyzed and pre-treated prior to their discharge to Technicon's wastewater treatment plant, a local POTW, or an on-site treatment plant.

Confirmatory soil sampling at the remediated areas will be performed to verify that mercury concentrations in on-site material do not exceed the remedial action objective of 35 ppm. The remediated areas will be subsequently regraded and revegetated.

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OFFICE OF THE BOARD NATIONAL BANK PLAZA / 431 PONCE DE LEON AVE. / SANTURCE, PUERTO RICO 00910 P.O. BOX 11488 / SANTURCE, PUERTO RICO 00910 / TELEPHONE: 767-8181 Comments from Frontera Creek Site Humacao, Puerto Rico September 17, 1991 Page 2

The selected alternative is in compliance with the nine evaluation criteria that encompass the statutory requirements for EPA. They are:

- 1. Threshold Criteria Overall protection of Human Health and the Environment in compliance with the Applicable or Relevant and Appropriate Requirements (ARARs).
- 2. Primary Balancing Criteria Long-Term effectiveness and permanence, reduction of toxicity, mobility or volume through Treatment, Short-Term Effectiveness, Implementability and Cost Effectiveness.
- 3. Modifying Criteria State and Community Acceptance.

There is potential for unfavorable short-term health and environmental impacts since this alternative includes a series of activities that involve excavation, handling, storage, off-site transportation and/or treatment of contaminated media regarding the short-term effectiveness. However, these impact can be mitigated by implementing site specific health and safety plans, including the use of personal protective equipment during its implementation. Also, the selected remedy will pose some problems such as the material will have to be shipped to the mainland for disposal due the lack of RCRA subtitle D or C facilities in Puerto Rico that are likely to accept these materials.

The Puerto Rico Environmental Quality Board (PREQB) concurs on the selected alternative: "Excavation, Removal and off-site Disposal without treatment" and request that EPA inform EQB of all future activities at the site.

PREQB also requests that the following specific information be provided as it becomes available:

- Air, page 1s: Specify what kind of treatment will receive the VOCs detected in the air surrounding the Technicon-Squibb fence.
- 2. Part IX Description of the Selected Remedy: "Dewatering and Containment of excavated material", Page 41:
  - a. Comply with the requirements of Erosion and Sedimentation Control Plan since the remedy involve ground removal.

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Comments from Frontera Creek Site Humacao, Puerto Rico September 17, 1991 Page 3

b. Coordinate with the local POTW that will receive the wastewater generated from the dewatering process in such a way that the wastewater treatment plant can be in good condition to accept the discharge.

Is there any question about this comments please contact me at phone number (809)767-8056 or Miss Eileen C. Villafañe of the Superfund Core Program at (809)767 8071.

Cordially,

Pedro A. Maldonado, Esq. Acting Chairman

cc: Eng. José Font Mr. Melvin Hauptman Miss Eileen C. Villafañe Adrew Praschak, Esq.

08/13/91	Index Document Number Order FRONTERA CREEK SITE Documents		Page: 1
************************************		**********	*****************
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Title: Sampling Trip Report (for the I	Frontera Creek site)		
Type: REPORT Author: Farley, Dennis P.: NUS Con	rporation		
Recipient: none: US EPA		••	
Document Number: FRD-001-0007 To 0021		Date: 08/10/81	ει <b>*</b>
Title: Potential Hazardous Waste Site	Inspection Report (for the Front	tera Creek site)	-
Type: REPORT Author: Lipsky, David: Fred C. Har	rt Associates		
Recipient: none: US EPA			· · ·
Document Number: FRO-001-0022 To 0032		Date: 09/14/81	•••••••••••••••••••••
Title: Potential Hazardous Waste Site Creek site)	Identification and Preliminary A	Assessment (for the Frontera	
Type: REPORT			•
Author: Lipsky, David: Fred C. Ha: Recipient: none: US EPA	rt Associates		
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Document Number: FRO-001-0033 To 0058		Date: 09/14/81	
Title: Potential Hazardous Waste Site	Inspection Report (for the Front	era Creek site)	
Type: REPORT			
Author: Lipsky, David: Fred C. Har Recipient: none: US EPA	rt Associates		• • • <u>•</u> •
Document Number: FRO-001-0059 To 0077	<u></u>	Date: 08/10/81	
Title: Potential Hazardous Waste Site	Inspection Report (for the Front	era Creek site)	
Type: REPORT	•		
Author: Lipsky, David: Fred C. Har Recipient: none: US EPA	rt Associates	•	

08/13/91 Index Document Number Order Page: 2 FRONTERA CREEK SITE Documents Document Number: FRO-001-0078 To 0079 Date: 06/07/84 Title: (Letter notifying of a proposed Superfund project at Frontera Creek site) Type: CORRESPONDENCE Condition: DRAFT Author: Librizzi, William J.: US EPA • • Recipient: Soto, Nelson: Puerto Rico Planning Board -------Document Number: FRO-001-0080 To 0089 Date: / / Title: (Base Neutral Extractables Data) Type: DATA Author: none: none Recipient: none: none Document Number: FRO-001-0090 To 0457 Date: 08/17/87 Title: Draft Site Operations Plan, Revion Inc., Frontera Creek Site, Humacao, Puerto Rico Type: PLAN Condition: DRAFT Author: none: Dynamac Corporation Recipient: none: US EPA ............. Document Number: FRO-001-0458 To 0563 Date: 07/01/85 Title: Sampling Trip Report, Focused Remedial Investigation of Ciudad Cristiana, Frontera Creek Site, Humacao, Puerto Rico Type: REPORT Author: Knutson, Jerome C.: NUS Corporation Recipient: none: US EPA

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			t integrations a verse of the set		
	Document Number: FRO-001-0564 To	0930		Date: 02/01/91	
	Title: Remedial Investigation Report) - Revised Draft	port for Frontera Creek S	ite, Humacao, Puerto	Rico, Volume 1 of 7	
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	Type: REPORT	•		• •	· · · ·
-	Condition: DRAFT			••• ••	
	Recipient: none: Dynamac Corpora	-	. •		
	Document Number: FR0-001-0931 To	1186		Date: 02/01/91	
	Title: Remedial Investigation Rep	port for Frontera Creek Si	ite, Humacao, Puerto	Rico, Volume 2 of 7	•
-	(Tables, Part 1) - Revised	i Draft			- •
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	Document Number: FRO-001-1187 To	1437		Date: 02/01/91	***********
	Title: Remedial Investigation Rep (Tables, Part 2) - Revised	cort for Frontera Creek Si   Draft	ite, Humacao, Puerto I	Rico, Volume 3 of 7	: .
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	Author: none: Dynamac Corpora	tion		· · · · · · · · · · · · · · · · · · ·	
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Title: Remedial Investigation Report (Plates) - Revised Draft	for Frontera Creek Site,	Humacao, Puerto Ric	o, Volume 5 of 7	
Type: REPORT				
Condition: DRAFT			••	
Author: none: Dynamac Corporation Recipient: none: none	n -			
Document Number: FRO-001-1541 To 178	7	•••••••	Date: 02/01/91	
Title: Remedial Investigation Report (Appendices, Part 1) - Revised	for Frontera Creek Site, d Draft	Humacao, Puerto Ric	o, Volume 6 of 7.	
Type: REPORT				
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Author: none: Dynamac Corporation				
Recipient: none: none			· · · ·	
Document Number: FRO-001-1788 To 2111	l de la companya de l		Date: 02/01/91	
Title: Remedial Investigation Report (Appendices, Part 2) - Revised	for Frontera Creek Site, 9 Draft	Humacao, Puerto Ric	o, Volume 7 of 7	
Type: REPORT				
Condition: DRAFT				
Author: none: Dynamac Corporation				
Recipient: none: none				
Document Number: FRO-001-2112 To 2116	6		Date: 06/05/91	
Title: (Letter discussing the attache from the Technicon facility in	ed analytical results of 1 n Humacao, Puerto Rico - J	the sediment and soi Addendum No. 1 for R	l samples taken evised Draft Remedial	
investigation keport)	·	·		
Type: CORRESPONDENCE	•			
Author: Lipsky, David: Dynamac Co Recipient: Font. Jose C.: US FPA	proration	•	•	
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Title: (Letter discussing the final rep at Peerless Tube's facility in H Creek RI Report - Addendum No. 2	port of the results of Humacao, PR, and to upd 2 for Revised Draft RI (	the focused samplin ate and amend secti Report)	ng effort completed ons of the Frontera	
Type: CORRESPONDENCE			•	
Author: Lipsky, David: Dynamac Corr	poration		••	
Recipient: Font, Jose C.: US EPA	-			
Document Number: FRO-001-2131 To 2131		••••••	Date: 09/24/86	
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Title: (Letter forwarding copies of the Frontera Creek site)	e Remedial Investigation	n/Feasibility Study	(RI/FS) for the	<b></b> • *
Author Dowiak Mark 1 + NUS Corpor	cation			•
Recipient: Font, Jose C.: US EPA Attached: FRO-001-2132				
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Document Number: FRO-001-2132 To 2333	Parent	: FRO-001-2131	Date: 09/01/86	
Title: Work Plan for the Remedial Inves Puerto Rico	stigation/Feasibility S	tudy of the Fronter	a Creek Site, Humacao,	
Author: Dowiak Mark I . NUS Corpor	ration			
Recipient: none: none				
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Document Number: FRO-001-2334 To 2335			Date: 12/22/89	
Title: (Letter on behalf of Revion, Inc Investigation Report)	., pertaining to the p	reparation of the D	raft Phase I Remedial	
				•
Type: CORRESPONDENCE				
Author: Davis, Seth A.: Fink Weinbe	erger, P.C.			-
Recipient: Font, Jose C.: US EPA				
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	Document Number: FRO-001-2336 To 233	7	Date: 04/13/89	
	Title: (Letter responding to concerr	as about the Frontera Creek site)		
	Type: CORRESPONDENCE	aneral Accounting Office		
	Recipient: Singmaster H1, James A.:	none	• <b>-</b>	
		<u>-</u>		•••••
	Document Number: FRO-001-2338 To 234	7	Date: 02/01/89	- -
	Title: Sampling Results from the Cui	dad Cristiana Investigation		-
	Type: CORRESPONDENCE			
	Author: none: US EPA			
	Recipient: none: none			
	Document Number: FRO-D01-2348 To 234	9	Date: 01/19/89	•••••
	Title: (Letter confirming that Revlo States for any claims related Frontera Creek as part of the	n, Inc., will indemnify and hold ham to injuries and damages in gaining Remedial Investigation/Feasibility	rmless EPA and the United access to properties near Study)	
	Type: CORRESPONDENCE	•		
	Type: CORRESPONDENCE Author: Davis, Seth A.: Revlon,	Inc.		
	Type: CORRESPONDENCE Author: Davis, Seth A.: Revion, Recipient: Simon, Paul: US EPA	Inc.		
	Type: CORRESPONDENCE Author: Davis, Seth A.: Revlon, Recipient: Simon, Paul: US EPA	1nc.		
	Type: CORRESPONDENCE Author: Davis, Seth A.: Revlon, Recipient: Simon, Paul: US EPA Document Number: FRO-001-2350 To 235	Inc. 1	Date: 01/13/89	
	Type: CORRESPONDENCE Author: Davis, Seth A.: Revion, Recipient: Simon, Paul: US EPA Document Number: FRO-001-2350 To 235 Title: (Letter stating that Revion m the government can exercise i to perform Remedial Investiga	<pre>Inc. 1 ust agree in writing to indemnify ar ts 104(e) access authority to gain a tion (RI) sampling)</pre>	Date: 01/13/89 nd hold harmless EPA before access to various properties	
	Type: CORRESPONDENCE Author: Davis, Seth A.: Revlon, Recipient: Simon, Paul: US EPA Document Number: FRO-001-2350 To 235 Title: (Letter stating that Revlon m the government can exercise i to perform Remedial Investiga	<pre>1nc. 1 ust agree in writing to indemnify ar ts 104(e) access authority to gain a tion (R1) sampling)</pre>	Date: 01/13/89 nd hold harmless EPA before access to various properties	
	Type: CORRESPONDENCE Author: Davis, Seth A.: Revion, Recipient: Simon, Paul: US EPA Document Number: FRO-001-2350 To 235 Title: (Letter stating that Revion m the government can exercise i to perform Remedial Investiga Type: CORRESPONDENCE Author: Simon, Paul: US EPA	<pre>1nc. 1 ust agree in writing to indemnify ar ts 104(e) access authority to gain a tion (RI) sampling)</pre>	Date: 01/13/89 nd hold harmless EPA before access to various properties	
	Type: CORRESPONDENCE Author: Davis, Seth A.: Revlon, Recipient: Simon, Paul: US EPA Document Number: FRO-001-2350 To 235 Title: (Letter stating that Revlon m the government can exercise i to perform Remedial Investiga Type: CORRESPONDENCE Author: Simon, Paul: US EPA Recipient: Gomez, Juan Carlos: Fidd	<pre>1nc. 1 ust agree in writing to indemnify ar ts 104(e) access authority to gain a tion (R1) sampling) ler, Gonzalez, Rodriguez</pre>	Date: 01/13/89 nd hold harmless EPA before access to various properties	
	Type: CORRESPONDENCE Author: Davis, Seth A.: Revion, Recipient: Simon, Paul: US EPA Document Number: FRO-001-2350 To 235 Title: (Letter stating that Revion m the government can exercise i to perform Remedial Investiga Type: CORRESPONDENCE Author: Simon, Paul: US EPA Recipient: Gomez, Juan Carlos: Fidd	<pre>Inc. 1 ust agree in writing to indemnify ar ts 104(e) access authority to gain a tion (R1) sampling) der, Gonzalez, Rodriguez </pre>	Date: 01/13/89 nd hold harmless EPA before access to various properties	
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ocument Number: FRO-001-2352 To 2353	5	Date: 12/16/87	•
itle: (Letter regarding the January	12, 1988, meeting to discuss the Work	Plan)	× .
Type: CORRESPONDENCE Author: font, Jose C.: US EPA			· .
ecipient: Higgins, Juán Miguel: May Attached: FRO-001-2354	yor, Municipality of Humacao		
ocument Number: FRO-001-2354 To 2367	7 Parent: FRO-DD1-235	2 Date: 12/18/87	
itle: (Letters regarding the January	/ 12, 1988, meeting to discuss the Wor	k Plan)	
Type: CORRESPONDENCE			•
Author: Font, Jose C.: US EPA		•	· ·
ecipient: various: various			
•••••••••••••••••••••••••••••••••••••••	•••••••••••••••••••••••••••••••••••••••	••••••	************
ocument Number: FRO-001-2368 To 2368	3	Date: 10/05/87	
itle: (Letter on behalf of Squibb Ma consultant presents certain di	anufacturing, Inc., stating that inform screpancies with NUS Corporation's Wo	mation provided by Revlon's rk Plan)	
itle: (Letter on behalf of Squibb Ma consultant presents certain di Type: CORRESPONDENCE Author: Cepeda-Rodriguez, Jose A.: ecipient: Luftig, Stephen D.: US EP Attached: EP0-001-2369 EP0-001-237	anufacturing, Inc., stating that inform screpancies with NUS Corporation's Wo Goldman & Antonetti A	mation provided by Revlon's rk Plan)	
itle: (Letter on behalf of Squibb Ma consultant presents certain di Type: CORRESPONDENCE Author: Cepeda-Rodriguez, Jose A.: ecipient: Luftig, Stephen D.: US EP Attached: FRO-001-2369 FRO-001-237	anufacturing, Inc., stating that inform screpancies with NUS Corporation's Wo Goldman & Antonetti A '1	mation provided by Revlon's rk Plan)	
itle: (Letter on behalf of Squibb Ma consultant presents certain di Type: CORRESPONDENCE Author: Cepeda-Rodriguez, Jose A.: ecipient: Luftig, Stephen D.: US EP Attached: FRO-001-2369 FRO-001-237 ocument Number: FRO-001-2369 To 2370	anufacturing, Inc., stating that inform screpancies with NUS Corporation's Wo Goldman & Antonetti A 1 Parent: FRO-001-236	mation provided by Revlon's rk Plan) 8 Date: 08/20/87	
<pre>itle: (Letter on behalf of Squibb Ma</pre>	Anufacturing, Inc., stating that inform iscrepancies with NUS Corporation's Wo Goldman & Antonetti A T Parent: FRO-001-236 pout Revion's proposed sampling plan for ( site)	mation provided by Revlon's rk Plan) 8 Date: 08/20/87 or the Squibb Manufacturing	
<pre>itle: (Letter on behalf of Squibb Ma</pre>	anufacturing, Inc., stating that infor screpancies with NUS Corporation's Wo Goldman & Antonetti A Parent: FRO-001-236 pout Revion's proposed sampling plan for site)	mation provided by Revlon's rk Plan) 8 Date: 08/20/87 or the Squibb Manufacturing	
<pre>itle: (Letter on behalf of Squibb Ma</pre>	anufacturing, Inc., stating that inform iscrepancies with NUS Corporation's Wo Goldman & Antonetti A 1 Parent: FRO-001-236 pout Revion's proposed sampling plan for ( site) proporation	mation provided by Revlon's rk Plan) 8 Date: 08/20/87 or the Squibb Manufacturing	
<pre>itle: (Letter on behalf of Squibb Ma</pre>	anufacturing, Inc., stating that infor screpancies with NUS Corporation's Wo Goldman & Antonetti A Parent: FRO-001-236 pout Revion's proposed sampling plan for site) proporation Goldman & Antonetti	mation provided by Revlon's rk Plan) 8 Date: 08/20/87 or the Squibb Manufacturing	
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<pre>itle: (Letter on behalf of Squibb Ma</pre>	anufacturing, Inc., stating that informi iscrepancies with NUS Corporation's Wo Goldman & Antonetti A Parent: FRO-001-236 pout Revion's proposed sampling plan formi is site) Parent: FRO-001-236 Parent: FRO-001-236 Parent: FRO-001-236 A prior to granting EPA permission to evolve for chemical analysis)	mation provided by Revlon's rk Plan) 8 Date: 08/20/87 or the Squibb Manufacturing 8 Date: 07/24/87 enter Squibb Manufacturing,	
<pre>itle: (Letter on behalf of Squibb Ma</pre>	anufacturing, Inc., stating that inform iscrepancies with NUS Corporation's Wo Goldman & Antonetti A Parent: FRO-001-236 pout Revion's proposed sampling plan for site) Parent: FRO-001-236 Parent: FRO-001-236 Pa	mation provided by Revlon's rk Plan) 8 Date: 08/20/87 or the Squibb Manufacturing 8 Dete: 07/24/87 enter Squibb Manufacturing,	
<pre>itle: (Letter on behalf of Squibb Ma</pre>	anufacturing, Inc., stating that information iscrepancies with NUS Corporation's Wo Goldman & Antonetti Parent: FRO-001-236 pout Revion's proposed sampling plan for site) Parent: FRO-001-236 pronation Goldman & Antonetti Parent: FRO-001-236 Parent: FRO-001-236 A prior to granting EPA permission to end a prior to granting EPA permission to end a plas for chemical analysis) Goldman & Antonetti	mation provided by Revlon's rk Plan) 8 Date: 08/20/87 or the Squibb Manufacturing 8 Date: 07/24/87 enter Squibb Manufacturing,	
<pre>itle: (Letter on behalf of Squibb Ma</pre>	anufacturing, Inc., stating that information acceptancies with NUS Corporation's Wo Goldman & Antonetti Parent: FRO-001-236 power Revion's proposed sampling plan for site) Parent: FRO-001-236 power acceptance Parent: FRO-001-236 Parent: FRO-001-236 Parent: FRO-001-236 Parent: FRO-001-236 a prior to granting EPA permission to e ples for chemical analysis) Goldman & Antonetti proration	mation provided by Revlon's rk Plan) 8 Date: 08/20/87 or the Squibb Manufacturing 8 Date: 07/24/87 enter Squibb Manufacturing,	
<pre>itle: (Letter on behalf of Squibb Ma</pre>	anufacturing, Inc., stating that informiscrepancies with NUS Corporation's Wo Goldman & Antonetti A Parent: FRO-001-236 wout Revion's proposed sampling plan for site) Parent: FRO-001-236 proporation Goldman & Antonetti Parent: FRO-001-236 Parent: FRO-001-236 of prior to granting EPA permission to e ples for chemical analysis) Goldman & Antonetti pronation	mation provided by Revlon's rk Plan) 8 Date: 08/20/87 or the Squibb Manufacturing 8 Date: 07/24/87 enter Squibb Manufacturing,	

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Document Number: FRO	-001-2373 To 2374	• 1 •	Date: 06/08/87	
Title: (Letter statin Creek site)	ng activities that will occ	ur when Revion performs the Ri/	FS at the Frontera	
Type: CORRESPON Author: Luftig, S	DENCE tephen D.: US EPA		•••	
Recipient: Singmaste Attached: FRO-001-2	r III, James A.: none - 375 FRO-001-2376 _			
Document Number: FRO	-001-2375 To 2375	Parent: FR0-001-2373	Date: 05/01/87	•••••
_Title: (Letter forwa site, and req	rding attached material per uesting that EPA take addit	taining to Cuidad Cristiana and ional action)	the Frontera Creek	
Type: CORRESPON	DENCE	•		• • •
Author: Singmaste Recipient: Daggett, I	r III, James A.: none Christopher J.: US EPA			
Document Number: FRO	-001-2376 To 2378	Parent: FR0-001-2373	Date: / /	•••••••
Title: Quantitative ( Site	Drganics in the Sediment Sar	mpling by EPA, October 23 to 26	, 1979, Frontera Creek	
Type: DATA				
Author: none: non Recipient: none: non	ne			
Document Number: FRO	-001-2379 To 2379		Date: 03/18/87	
Title: (Letter, in S	panish, expressing the resid	dents' concern about the Fronte	ra Creek site)	· ·
Type: CORRESPON Author: Sepulveda Recipient: Font, Jose	DENCE , Jose: Portavoz Comite Tir e C.: US EPA	mon Ex-Residentes Cuidad Cristi	ana .	•
Attached: FRO-001-2				
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ocument Number: FRO-001-2380	To 2384 Parent: FRO-001-2379	Date: 10/03/86	
itle: (Letter containing the regarding the Ciudad Cr	Corps of Engineers' action, carried out under istiana controversy)	its Regulatory Program,	
Type: CORRESPONDENCE			
ondition: MISSING ATTACHMENT		·-	
Author: none: US Army Corp	s of Engineers	· · ·	
ecipient: Ortiz, Gilberto Riv	vera: Senator, Legislature of Puerto Rico		
		•••••••••••••••••••••••••••••••••••••••	
ocument Number: FRO-001-2385	To 2385	Date: 01/19/87	
tle. /letter in Spanish re	narding the coordination of a compittee of sci	ientists put together	
by Mision Industrial de	Puerto Rico, Inc., to discuss the Frontera Cr	reek site)	
TUNA CORRESPONDENCE			
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi	sion Industrial de Puerto Rico, Inc.		
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez		
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez		
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar ocument Number: FRO-001-2386	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez To 2389	Date: 11/20/86	
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar ocument Number: FRO-001-2386 itle: (Letter, in Spanish, in	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez To 2389 aviting participation in an advisory committee	Date: 11/20/86 established by Revion	
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar ocument Number: FRO-001-2386 itle: (Letter, in Spanish, in to study the Frontera C	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez To 2389 witing participation in an advisory committee creek site)	Date: 11/20/86 established by Revion	
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar ocument Number: FRO-001-2386 itle: (Letter, in Spanish, in to study the Frontera C	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez To 2389 aviting participation in an advisory committee creek site)	Date: 11/20/86 established by Revion	
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar ocument Number: FRO-001-2386 itle: (Letter, in Spanish, in to study the Frontera C Type: CORRESPONDENCE	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez To 2389 aviting participation in an advisory committee treek site)	Date: 11/20/86 established by Revion	
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar ocument Number: FRO-001-2386 itle: (Letter, in Spanish, in to study the Frontera C Type: CORRESPONDENCE Author: Negron-Navas, Eduar	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez To 2389 nviting participation in an advisory committee creek site) do M.: Fiddler, Gonzalez, Rodriguez	Date: 11/20/86 established by Revlon	
Type: CDRRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar ocument Number: FRO-001-2386 itle: (Letter, in Spanish, in to study the Frontera C Type: CORRESPONDENCE Author: Negron-Navas, Eduar ecipient: Ortiz, Gilberto Riv Attached: EPD-001-2300	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez To 2389 nviting participation in an advisory committee treek site) do M.: Fiddler, Gonzalez, Rodriguez rera: Senado de Puerto Rico	Date: 11/20/86 established by Revion	
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar ocument Number: FRO-001-2386 itle: (Letter, in Spanish, in to study the Frontera C Type: CORRESPONDENCE Author: Negron-Navas, Eduar ecipient: Ortiz, Gilberto Riv Attached: FRO-001-2390	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez To 2389 aviting participation in an advisory committee reek site) do M.: Fiddler, Gonzalez, Rodriguez rera: Senado de Puerto Rico	Date: 11/20/86 established by Revion	
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar ocument Number: FRO-001-2386 itle: (Letter, in Spanish, in to study the Frontera C Type: CORRESPONDENCE Author: Negron-Navas, Eduar ecipient: Ortiz, Gilberto Riv Attached: FRO-001-2390 ocument Number: FRO-001-2390	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez To 2389 aviting participation in an advisory committee treek site) do M.: Fiddler, Gonzalez, Rodriguez era: Senado de Puerto Rico To 2391 Parent: FRO-001-2386	Date: 11/20/86 established by Revlon Date: 11/20/86	
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar boument Number: FRO-001-2386 itle: (Letter, in Spanish, in to study the Frontera C Type: CORRESPONDENCE Author: Negron-Navas, Eduar ecipient: Ortiz, Gilberto Riv Attached: FRO-001-2390 boument Number: FRO-001-2390 itle: (Letter, in Spanish, in to study The Frontera C	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez To 2389 nviting participation in an advisory committee treek site) do M.: Fiddler, Gonzalez, Rodriguez trera: Senado de Puerto Rico To 2391 Parent: FRO-001-2386 nviting participation in an advisory committee treek site)	Date: 11/20/86 established by Revion Date: 11/20/86 established by Revion	
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar ocument Number: FRO-001-2386 itle: (Letter, in Spanish, in to study the Frontera C Type: CORRESPONDENCE Author: Negron-Navas, Eduar ecipient: Ortiz, Gilberto Riv Attached: FRO-001-2390 ocument Number: FRO-001-2390 itle: (Letter, in Spanish, in to study The Frontera C	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez To 2389 aviting participation in an advisory committee creek site) do M.: Fiddler, Gonzalez, Rodriguez rera: Senado de Puerto Rico To 2391 Parent: FRO-001-2386 aviting participation in an advisory committee creek site)	Date: 11/20/86 established by Revion Date: 11/20/86 established.by Revion	
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar ocument Number: FRO-001-2386 itle: (Letter, in Spanish, in to study the Frontera C Type: CORRESPONDENCE Author: Negron-Navas, Eduar ecipient: Ortiz, Gilberto Riv Attached: FRO-001-2390 ocument Number: FRO-001-2390 itle: (Letter, in Spanish, in to study The Frontera C Type: CORRESPONDENCE Author: Negron-Navas, Eduar	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez To 2389 witing participation in an advisory committee reek site) do M.: Fiddler, Gonzalez, Rodriguez rera: Senado de Puerto Rico To 2391 Parent: FRO-001-2386 witing participation in an advisory committee reek site) do M.: Fiddler, Gonzalez, Rodriguez	Date: 11/20/86 established by Revion Date: 11/20/86 established.by Revion	
Type: CORRESPONDENCE Author: Meyn, Marianne: Mi ecipient: Negron-Navas, Eduar ocument Number: FRO-001-2386 itle: (Letter, in Spanish, in to study the Frontera C Type: CORRESPONDENCE Author: Negron-Navas, Eduar ecipient: Ortiz, Gilberto Riv Attached: FRO-001-2390 ocument Number: FRO-001-2390 itle: (Letter, in Spanish, in to study The Frontera C Type: CORRESPONDENCE Author: Negron-Navas, Eduar ecipient: Negron-Navas, Eduar	sion Industrial de Puerto Rico, Inc. do M.: Fiddler, Gonzalez, Rodriguez To 2389 aviting participation in an advisory committee reek site) do M.: Fiddler, Gonzalez, Rodriguez rera: Senado de Puerto Rico To 2391 Parent: FRO-001-2386 aviting participation in an advisory committee reek site) do M.: Fiddler, Gonzalez, Rodriguez treek site)	Date: 11/20/86 established by Revion Date: 11/20/86 established.by Revion	
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Document Number: FRO-001-2392 To 23	394	Date: 11/20/86	
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Title: (Letter, in Spanish, invitir	ng participation in an advisory committe	e established by Revlon	
to study the Frontera Greek	SITE)		
TUDAL COPPESDONDENCE			
Author: Negron-Navad Eduardo M	· Fiddler Contales Podrigues		
Peripient: Pohena-Retancourt Santo	ns: Junta de Calidad Ambiental	••	
kerpient konena betanebart, bant			
Document Number: FRO-001-2395 To 23	398	Date: 11/20/86	
			-
Title: (Letter, in Spanish, invitir	ng participation in an advisory committe	established by Revion	
to study the Frontera Creek	site)	•	
			<del>-</del> •
Type: CORRESPONDENCE			
Author: Negron-Navas, Eduardo M.	.: Fiddler, Gonzalez, Rodriguez		
Recipient: Ruiz, Juan: Asociacion	Pro-Mejoramiento del Ambiente		
Attached: FRO-001-2399			
	·····	•••••••••••••••	
Document Number: FRO-UUI-2399 16 24	400 Parent: FRO-001-239	5 Date: 10/20/86	
Title, (latter in Spenich invitig	a participation in an advisory committe	a antabijahad bu Baulan	
to study the Fronters Freek	cital	e established by Revion	
Type: CORRESPONDENCE			
Author: Negron-Navas, Eduardo M.	.: Fiddler, Gonzalez, Rodriguez		
Recipient: Grau, Jose Orlando: nor	ne		
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Document Number: FRO-001-2401 To 24	403	Date: 11/20/86	
Title: (Letter, in Spanish, invitir	ng participation in an advisory committe	e established by Revion	
to study the Frontera Creek	site)	•	
Type: CORRESPONDENCE			
Author: Negron-Navas, Eduardo M.	.: Fiddler, Gonzalez, Rodriguez		
Recipient: Mora, Luis Izquierdo; E	Jepartmento de Salud	·	
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	Document Number: FRO-001-2404 To 2	430		Date: 09/17/86	
•	Title: (Letter, in Spanish, discus Frontera Creek site)	sing the causes of mercury cont	amination of so	il and water at the	
	Type: CORRESPONDENCE			•	
•	Author: Gelabert, Pédro A.: US	EPA			
	Recipient: Ortiz, Gilberto Rivera: Attached: FRO-001-2431	Comision Especial sobre la In	vestigacion de	Ciudad Cristiana	
	Document Number: FRO-001-2431 To 2	431 Parent: FR	0-001-2404	Date: 07/16/86	••••••
	Title: (Letter giving an extension	of time to comment on the RI/F	S Work Plan for	the Frontera Creek	
	Site			•	· · ·
	Type: CORRESPONDENCE				
	Author: Librizzi, William J.:	JS EPA			
	Recipient: Rivera, Bethsaida: Urb	anization Quintas de Humacao			
	Document Number: FR0-001-2432 To 2	432	•••••	Date: / /	
	Title: (Letter confirming a meetin	g scheduled for February 19, 19	87)		
	Type CODDESDONNENCE				
	Author: Font Jose C.: US FPA				
	Recipient: Rivera, Bethsaida: Urb	anization Quintas de Humacao			
	••••••		• • • • • • • • • • • • • • • • • • •		
	Document Number: FRO-001-2433 To 2	433		Date: 08/15/86	
	Title: (Letter summarizing the dis	cussion at a July 17, 1986, mee	ting at EPA)		
	Type: CORRESPONDENCE				
	Author: Marshall, James R.: US	EPA		•	• •
	Recipient: Davis, Seth A.: Revion	Inc.			÷
	Attached: FRO-001-2434 FRO-001-	2436		•	
	••••••		*********		
	Document Number: FRO-001-2434 To 2	35 — Parent: FR	0-001-2433	Date: 06/05/86	
	Title: (Letter stating that Revion perform the R1/FS)	's subsidiary, Technicon Electr	onics Corporatio	on, would like to	
	TYPE COPPESPONDENCE				
	Author: Davis Seth A.: Revion	Inc.		, .	•
	Recipient: Daggett, Christopher J.	US EPA	· · · ·		

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	Document Number: FRO-001-2436 To 24	36 Parent: FR0-001-2433	Date: 04/23/86	
	Title: (Letter requesting a copy of	the NUS Work Plan for the Frontera Creek	(site R1/FS)	
	Type: CORRESPONDENCE			
	Author: Negron-Navas, Eduardo M. Recipient: Gelabert, Pedro A.: US	: Flodler, Gonzalez, Rodriguez EPA		
		······		
	Document Number: FRO-D01-2437 To 24	37	Date: 08/07/86	
	Title: (Letter forwarding a copy of	Reedco, inc.'s comments on the Work Plan	for the RI/FS)	<b>-</b> • •
	Type: CORRESPONDENCE		•	
	Condition: MISSING ATTACHMENT			-
	Recipient: Mandelbaum, David G.: W	olf, Block, Schorr, and Solis-Cohen		
	Document Number: FRO-001-2438 To 24	40	Date: 06/05/86	
	Title: (Letter submitting a Work Pl as a Potentially Responsible	an and requesting comments, also giving n Party)	otification of status	
	Type: CORRESPONDENCE			
	Condition: MISSING ATTACHMENT			
	Recipient: Davis, Seth A.: Technic	on Electronics Corporation		
	Document Number: FRO-001-2441 To 24	41	Date: 06/25/86	•••••
	Title: (Letter requesting a 30-day	extension in which to comment on the Work	Plan)	
			•	
	Author: Davis, Seth A.: Revlon, Recipient: Marti, Noelia: US EPA	Inc.		
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ocument Number: FRO-001-2442	2 To 2442		Date: 06/25/86	•
itle: (Letter stating that c	comments to the Work Plan (	will be provided prior	to July 17, 1986)	
Author: Halak, John J.: B	llock Drug Company, Inc.			1 ⁴
ecipient: Marti, Noelia: US	S EPA		_	
ocument Number: FRO-001-2443	5 To 2457	••••••	Date: 02/15/85	• • • • • • • • • • • • • • • • •
itle: (Letter forwarding inf Creek site)	ormation pertaining to pas	st sampling of water an	nd sediment at the Front	era
			• •	
Type: CORRESPONDENCE			•	-
Author: Davis, Seth A.: R	levion, inc.			
ecipient: Font, Jose C.: US	EPA			
			•••••••••••••••••••••••••	
ocument Number: FRO-001-2458	3 To 2458		Date: 06/06/86	
itle: (Letter forwarding the	revised Work Plan for the	e Frontera Creek site)		
Tomes CORRECCONDENCE				
opdition: MISSING ATTACHMENT				
Author: Font Jose C.: US	FPA			
ecipient: Grau. Jose Orlando	: Casillas & Grau			
	·			
ocument Number: FRO-001-2459	To 2459		Date: 06/02/86	
itle: (Letter forwarding a c	opy of the Work Plan for t	the Frontera Creek site	e for review and comment)	
				•
HYPE: UUKKESPUNDENUE		•	•	
OFFULLIONT MISSING ALLACHMENT	1 - 1)C EDA			
Authons Librissis UIIII	ULL UD EFA			
Author: Librizzi, William ecipient: Higgins, Juan Migu	el: Mayor, Municipality d	of Humacao		

08/13/91	Index Document Number Order FRONTERA CREEK SITE Documents		Page: 14
***********************	*******		**************
Document Number: FRO-B01-	2460 To 2462	Date: 02/21/86	
Title: (Letter pertaining remedial response	to the investigation of the contamination and the dete is to be implemented at the site)	ermination of which	•
Type: CORRESPONDENCE			
Author: Gelabert, Pedr Recipient: Archilla-Diez, Attached: FRO-001-2463	o A.: US EPA Efrain: Asociacion Pro-Mejoramiento del Ambiente -	•-	
Document Number: FRO-001-	2463 To 2465 Parent: FRO-001-2460	Date: 02/12/86	
Title: (Letter stating co	ncerns about the clean-up of the frontera Creek site)		
Type: CORRESPONDENCE			_ •
Author: Archilla-Diez, lecipient: Gelabert, Pedr	Efrain: Asociacion Pro-Mejoramiento del Ambiente o A.: US EPA		
	· · · · · · · · · · · · · · · · · · ·		
ocument Number: FRO-001-	2466 To 2467	Date: 08/21/85	
itle: (Letter discussing community of Ciuda	environmental sampling near the Frontera Creek Superfu d Cristiana)	nd site, around the	
THOM CORRESPONDENCE		ан сайта. Сайта	•
Author: Daggett. Chris	topher J.: US EPA		
lecipient: Mora, Luis lzq	uierdo: Department of Health, Commonwealth of Puerto R	ico	
· • • • • • • • • • • • • • • • • • • •			
ocument Number: FRO-001-	2468 To 2470	Date: / /	
itle: R1/FS Work Plan Fa	ct Sheet - Frontera Creek Site, Humacao, Puerto Rico	•	• • •
Type: CORRESPONDENCE			
Author: none: none			•
ecipient: none: none			
Ocument Number: FRO-001-	2471 To. 2474	Date: 03/17/89	
itle: (Letter expressing newspaper articles	concern about EPA's handling of the frontera Creek site and data)	e and forwarding	
Type: CORRESPONDENCE	1		

Recipient: none: US General Accounting Office

	Index Document Number Order FRONTERA CREEK SITE Documents			Page: 15
	**********		=======================================	
ocument Number: FRO-001-2475 To 248	3		Date: 05/01/87	•
fitle: (Letter expressing concern ab	out EPA's handling of the Frontera	Creek site)		•
Type: CORRESPONDENCE				
Author: Singmaster III, James A.:	none			
lecipient: Daggett, Christopher J.:	US EPA			
	•	5. S. S.		
	* * * * * * * * * * * * * * * * * * * *			
ocument Number: FRO-002-0001 To 013	6		Date: 04/01/91	
itle: Feasibility Study for Fronter	a Creek Site, Humacao, Puerto Rico	2 2 2 2 2 2		
	-		•	
Type: REPORT		. •	• •	• •
ondition: DRAFT				
Author: none: Dynamac Corporation	n i i i i i i i i i i i i i i i i i i i		2000 - C	
ecipient: none: none				•
		***********		• • • • • • • • • • • • • • • • • • • •
ocument Number: FRO-002-0137 To 0139	<b>7</b>		Date: 04/01/91	
Type: REPORT Author: none: US EPA ecipient: none: none				
ecipiente. none. none				
ocument Mumber, 500-002-01/0 To 01/4	· · · · · · · · · · · · · · · · · · ·	•••••		•••••••••••••••••••••••••••••••••••••••
ocument Number: FRO-002-0140 To 0140	5		Date: 05/17/91	
ocument Number: FRO-002-0140 To 0140 itle: Addendum No. 1 for Feasibility	5 7 Study Report, Frontera Creek Site		Date: 05/17/91	
ocument Number: FRO-002-0140 To 0140 itle: Addendum No. 1 for Feasibility Type: REPORT	5 7 Study Report, Frontera Creek Site	·	Date: 05/17/91	
iocument Number: FRO-002-0140 To 0140 itle: Addendum No. 1 for Feasibility Type: REPORT Author: Lipsky, David: Dynamac Co	5 Y Study Report, Frontera Creek Site prporation		Date: 05/17/91	
Ocument Number: FRO-002-0140 To 0140 itle: Addendum No. 1 for Feasibility Type: REPORT Author: Lipsky, David: Dynamac Co ecipient: Font, Jose C.: US EPA	5 y Study Report, Frontera Creek Site prporation		Date: 05/17/91	
Nocument Number: FRO-002-0140 To 0140 Title: Addendum No. 1 for Feasibility Type: REPORT Author: Lipsky, David: Dynamac Co Mecipient: Font, Jose C.: US EPA	S y Study Report, Frontera Creek Site prporation		Date: 05/17/91	
Occument Number: FRO-002-0140 To D140 Title: Addendum No. 1 for Feasibility Type: REPORT Author: Lipsky, David: Dynamac Co Secipient: Font, Jose C.: US EPA ocument Number: FRO-002-0147 To 0145	5 y Study Report, Frontera Creek Site prporation		Date: 05/17/91	
Document Number: FRO-002-0140 To 0140 Title: Addendum No. 1 for Feasibility Type: REPORT Author: Lipsky, David: Dynamac Co ecipient: Font, Jose C.: US EPA Hocument Number: FRO-002-0147 To 0145 Title: Addendum No. 2 for Feasibility	5 y Study Report, Frontera Creek Site prporation 		Date: 05/17/91	
Document Number: FRO-002-0140 To D140 (itle: Addendum No. 1 for Feasibility Type: REPORT Author: Lipsky, David: Dynamac Co lecipient: Font, Jose C.: US EPA Nocument Number: FRO-002-0147 To 0145 itle: Addendum No. 2 for Feasibility	5 y Study Report, Frontera Creek Site prporation y  y Study Report, Frontera Creek Site		Date: 05/17/91 Date: 05/21/91	
Document Number: FRO-002-0140 To D140 Type: REPORT Author: Lipsky, David: Dynamac Co Decipient: Font, Jose C.: US EPA Document Number: FRO-002-0147 To D145 Type: REPORT Author: Lipsky David: Dynamac For	5 y Study Report, Frontera Creek Site prporation y y Study Report, Frontera Creek Site		Date: 05/17/91 Date: 05/21/91	
<pre>Document Number: FRO-002-0140 To D140 Title: Addendum No. 1 for Feasibility Type: REPORT Author: Lipsky, David: Dynamac Co tecipient: Font, Jose C.: US EPA Tocument Number: FRO-002-0147 To D145 title: Addendum No. 2 for Feasibility Type: REPORT Author: Lipsky, David: Dynamac Co scipient: Fort Inc. C.: US EPA </pre>	5 y Study Report, Frontera Creek Site prporation y Study Report, Frontera Creek Site prporation		Date: 05/17/91 Date: 05/21/91	
ocument Number: FRO-002-0140 To D140 itle: Addendum No. 1 for Feasibility Type: REPORT Author: Lipsky, David: Dynamac Co ecipient: Font, Jose C.: US EPA ocument Number: FRO-002-0147 To 0145 itle: Addendum No. 2 for Feasibility Type: REPORT Author: Lipsky, David: Dynamac Co ecipient: Font, Jose C.: US EPA	5 y Study Report, Frontera Creek Site prporation y Study Report, Frontera Creek Site prporation		Date: 05/17/91 Date: 05/21/91	

FRO 002 0791

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Document Number: FRO-002-0150	To 0151	Date:	06/19/91	
Title: Addendum No. 3 for Fea	sibility Study Report, Frontera Creek Site			
Type: REPORT				
Author: Lipsky, David: Dy	namac Corporation			
Recipient: Font, Jose C.: US	EPA			
	•		•	
Document Number: FRO-002-0152	το 0153	Date:	06/20/91	
Title: Addendum No. 4 for Fea	sibility Study Report, Frontera Creek Site			
Type: REPORT				
Author: Lineky David: Dy	Demac Corporation	•	•	
Parinient: Font Jose C + 115				
Recipient, Pont, Jose C Us	570			
Document Number: FRO-002-0154	To 0155	Date:	04/01/91	••••••
Title: Addendum No. 5 for Fea	sibility Study Report, Frontera Creek Site			
Type: REPORT				
Author: none: US EPA				
Recipient: none: none				
· · · · · · · · · · · · · · · · · · ·				
Document Number: FRO-002-0156	To 0157	Date:	07/16/91	••••••
Title: (Letter commenting on Rico)	the remedial alternatives for the Frontera	Creek site, Humacao	, Puerto	
Type: CORRESPONDENCE		•	•	
Author: Ojeda, Pedro A. Ma	Idonado: Commonwealth of Puerto Rico	•		
Recipient: Font, Jose C.: US	EPA			
••••••				
Document Number: FRO-002-0158	To 0188	Date: (	01/30/91	
Title: (Letter identifying the National Priorities Li: Wells)	e applicable or relevant and appropriate re st_(NPL) sites - Frontera Creek, Juncos Lar	equirements (ARARs) adfill, and Fibers Pu	for three ublic Supply	
Type: CORRESPONDENCE				
Author: Djeda, Pedro A. Ma	Idonado: none			
Recipient: Caspe, Richard L.:	US EPA	• • •	•	

FRO 002 0792

<pre>boument Number: FR0-002-0189 To 0190 itle: (Letter requesting the applicable or relevant and appropriate requirements ( response) Type: CORRESPONDENCE Author: Caspe, Richard L.: US EPA becipient: Rohena-Betancourt, Santos: PR Environmental Quality Board comment Number: FR0-002-0191 To 0221 itle: Administrative Order on Consent Type: LEGAL DOCUMENT Author: Daggett, Christopher J.: US EPA becipient: Davis, Seth A.: Revion, Inc.</pre>	Date: 12/20/90 ARARs) and attached Date: 10/03/86	
<pre>bocument Number: FR0-002-0189 To 0190 itle: (Letter requesting the applicable or relevant and appropriate requirements ( response) Type: CORRESPONDENCE Author: Caspe, Richard L.: US EPA ecipient: Rohena-Betancourt, Santos: PR Environmental Quality Board ocument Number: FR0-002-0191 To 0221 itle: Administrative Order on Consent Type: LEGAL DOCUMENT Author: Daggett, Christopher J.: US EPA ecipient: Davis, Seth A.: Revlon, Inc.</pre>	Date: 12/20/90 ARARs) and attached Date: 10/03/86	· · · · · · · · · · · · · · · · · · ·
<pre>itle: (Letter requesting the applicable or relevant and appropriate requirements ( response) Type: CORRESPONDENCE Author: Caspe, Richard L.: US EPA ecipient: Rohena-Betancourt, Santos: PR Environmental Quality Board ocument Number: FRO-002-0191 To 0221 itle: Administrative Order on Consent Type: LEGAL DOCUMENT Author: Daggett, Christopher J.: US EPA ecipient: Davis, Seth A.: Revion, Inc.</pre>	ARARs) and attached  Date: 10/03/86	
<pre>itle: (Letter requesting the applicable or relevant and appropriate requirements ( response) Type: CORRESPONDENCE Author: Caspe, Richard L.: US EPA ecipient: Rohena-Betancourt, Santos: PR Environmental Quality Board comment Number: FRO-002-0191 To 0221 itle: Administrative Order on Consent Type: LEGAL DOCUMENT Author: Daggett, Christopher J.: US EPA ecipient: Davis, Seth A.: Revlon, Inc.</pre>	ARARs) and attached Date: 10/03/86	
Type: CORRESPONDENCE Author: Caspe, Richard L.: US EPA scipient: Rohena-Betancourt, Santos: PR Environmental Quality Board comment Number: FRO-DO2-0191 To D221 stle: Administrative Order on Consent Type: LEGAL DOCUMENT Author: Daggett, Christopher J.: US EPA scipient: Davis, Seth A.: Revlon, Inc.	Date: 10/03/86	
Type: CORRESPONDENCE Author: Caspe, Richard L.: US EPA ecipient: Rohena-Betancourt, Santos: PR Environmental Quality Board comment Number: FRO-D02-0191 To 0221 itle: Administrative Order on Consent Type: LEGAL DOCUMENT Author: Daggett, Christopher J.: US EPA ccipient: Davis, Seth A.: Revlon, Inc.	Date: 10/03/86	
Author: Caspe, Richard L.: US EPA ecipient: Rohena-Betancourt, Santos: PR Environmental Quality Board ocument Number: FRO-002-0191 To 0221 itle: Administrative Order on Consent Type: LEGAL DOCUMENT Author: Daggett, Christopher J.: US EPA ccipient: Davis, Seth A.: Revlon, Inc.	Date: 10/03/86	
ccipient: Rohena-Betancourt, Santos: PR Environmental Quality Board cument Number: FRO-002-0191 To 0221 itle: Administrative Order on Consent Type: LEGAL DOCUMENT Author: Daggett, Christopher J.: US EPA ccipient: Davis, Seth A.: Revlon, Inc.	Date: 10/03/86	
ocument Number: FRO-DO2-0191 To O221 itle: Administrative Order on Consent Type: LEGAL DOCUMENT Author: Daggett, Christopher J.: US EPA ccipient: Davis, Seth A.: Revlon, Inc.	Date: 10/03/86	
ocument Number: FRO-002-0191 To 0221 itle: Administrative Order on Consent Type: LEGAL DOCUMENT Author: Daggett, Christopher J.: US EPA ccipient: Davis, Seth A.: Revlon, Inc.	Date: 10/03/86	
itle: Administrative Order on Consent Type: LEGAL DOCUMENT Author: Daggett, Christopher J.: US EPA ccipient: Davis, Seth A.: Revlon, Inc.	• •	
Type: LEGAL DOCUMENT Author: Daggett, Christopher J.: US EPA ccipient: Davis, Seth A.: Revlon, Inc.	• -	<b></b>
Type: LEGAL DOCUMENT Author: Daggett, Christopher J.: US EPA cipient: Davis, Seth A.: Revlon, Inc.		
Author: Daggett, Christopher J.: US EPA cipient: Davis, Seth A.: Revlon, Inc.		
cipient: Davis, Seth A.: Revlon, Inc.		
cument Number: FRO-D02-0222 To 0223	Date: 03/18/88	
itle: (Letter, in Spanish, describing the group "Grupo Asesor" and identifying its	members to FPA)	
Type: CORRESPONDENCE		
Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez		
cipient: Font, Jose C.: US EPA		
cument Number: FR0-002-0224 To 0227	Date: 06/24/87	
tle: (Letter on behalf of Reedco, Inc., expressing concern about EPA's failure to	issue Notice	
Letters to all Potentially Responsible Parties)		
Author: Nucciarone, A. Patrick: Kannoch Weisman		•
cipient: Luftig. Stephen D.: US EPA		
	Data. 07/00/47	
nganetik managet ( FRA BUGTUELA TA VEDE ) •	Date: 0//07/0/	
tle: (Letter forwarding correspondence which contains information stating why Reed	dco, Inc., should	
not be named a Potentially Responsible Party)	•	
Type, connegronde A Datrick. Hannoch Waieman		
methor: motores when a restrict, methods werdings		

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Document Number: FRO-002-0233 To	0233	Date: 02/20/87	
Title: (Letter confirming that Dy	namac will be allowed to review 104(e	) responses)	
Type: CORRESPONDENCE			
Author: Davis, Seth A.: Revio	n. Inc.		
Recipient: Font, Jose C.: US EPA			
	•		-
	• • • • • • • • • • • • • • • • • • • •		
Document Number: FRO-002-0234 To	0245	Date: 08/28/86	
Title: (Response to a 104(e) Requ	ect for information letter)		-
			•
Type: CORRESPONDENCE			
Author: Peterson, Alonso: Apr	il Industries. Inc.		. <b>-</b> ·
Recipient: Demel, Morris: US EPA			
······································		•	
•••••••••			
Document Number: FRO-D02-0246 To	0247	Date: 08/15/86	
Title: (Letter notifying Revion to time Revion's proposal to	hat an informational meeting was held conduct the RI/FS was accepted)	on July 17, 1986, at which	
TIMO COPPESDONDENCE			
Author: Marshall lames B + 11	C EDA		
Recipient: Davis Seth A.: Revio			
*****			
Document Number: FRO-002-0248 To 1	0248	Date: 06/13/86	
Title: (Letter certifying that me	rcury is not used at the Reedco plant	<b>)</b>	
TYPE CORRESPONDENCE			
Author: Irizarry William N	Readen Inc		
Recipient: Perez Gil: Occupation	nal Safety and Health Office	· · ·	
	not ourcey and nearth office		
Document Number: FRO-002-0249 To 1	0252 _	Date: 04/30/85	-
Title: (Response to a 104(e) Info	rmation Request Letter)		
TYPE CORRESPONDENCE		•	
Authors Borrero Manuals Smill	hh Manufacturing Inc		
Pariniant - Font Joes C + HC EDA	ener inernettetetetetetetet		
Receiptence Force DUSE Gen US EFA			

08/13/91 Index Document Number Order Page: 19 FRONTERA CREEK SITE Documents Document Number: FRO-002-0253 To 0266 Date: 04/30/85 Title: (Response to a 104(e) Information Request Letter) Type: CORRESPONDENCE Author: Borrero, Manuel: Squibb Manufacturing, Inc. Recipient: Walka, Richard M.: US EPA ............ Document Number: FRO-002-0267 To 0269 Date: 04/23/85 Title: (Response to a 104(e) Information Request Letter) Type: CORRESPONDENCE Author: Santiago, Maria E.: Alcon (Puerto Rico) Recipient: Font, Jose C.: US EPA _____ Document Number: FRO-002-0270 To 0277 Date: 04/04/85 Title: (Letter reiterating Technicon's interest in performing the RI/FS) Type: CORRESPONDENCE Author: Davis, Seth A.: Revlon, Inc. Recipient: Praschak, Andrew: US EPA Document Number: FRO-002-0278 To 0286 Date: 04/03/85 Title: (Peerless Tube Company's Response to 104(e) Information Request Letter) Type: CORRESPONDENCE Author: Vasquez, Ruben F.: MFV Environmental Planning Consultants Recipient: Font, Jose C.: US EPA Document Number: FRO-002-0287 To 0287 Date: 04/02/85 Title: (Letter confirming a telephone conversation granting a 30-day extension in which to respond to the EPA Information Request). Type: CORRESPONDENCE Author: Fernandez, Francis Torres: Cepeda Sanchez-Betances & Sifre Recipient: Font, Jose C.: US EPA

Document Number: FRO-002-0288 To 0290 Title: (Letter stating that Technicon does not believe itsel at the Frontera Creek site) Type: CORRESPONDENCE Author: Davis, Seth A.: Revlon, Inc. Recipient: Font, Jose C.: US EPA Document Number: FRO-002-0291 To 0294 Title: (Letter stating that USI Properties Corp. does not be Party, with a 107(a) Notice Letter attached) Type: CORRESPONDENCE Author: Alberty, Donald L.: USI Properties Corp., Puerto	f to be a Po lieve itself Rico Divisi	to be a f	Date: 03, Responsible  Date: 04, Potentially R	/14/85 Party /02/85 Responsible	
ocument Number: FRO-002-0288 To 0290 itle: (Letter stating that Technicon does not believe itsel at the Frontera Creek site) Type: CORRESPONDENCE Author: Davis, Seth A.: Revlon, Inc. ecipient: Font, Jose C.: US EPA 	f to be a Po lieve itself Rico Divisi	to be a f	Date: 03, Responsible  Date: 04, Potentially R	/14/85 Party /02/85 Responsible	· · · · · · · · · · · · · · · · · · ·
<pre>itle: (Letter stating that Technicon does not believe itsel at the Frontera Creek site) Type: CORRESPONDENCE Author: Davis, Seth A.: Revlon, Inc. ecipient: Font, Jose C.: US EPA ocument Number: FRO-002-0291 To 0294 itle: (Letter stating that USI Properties Corp. does not be Party, with a 107(a) Notice Letter attached) Type: CORRESPONDENCE Author: Alberty, Donald L.: USI Properties Corp., Puerto</pre>	f to be a Po lieve itself Rico Divisi	to be a f	Responsible  Date: 04/ Potentially R	Party /02/85 Responsible	· · · · · · · · · · · · · · · · · · ·
Type: CORRESPONDENCE Author: Davis, Seth A.: Revlon, Inc. ecipient: Font, Jose C.: US EPA ocument Number: FRO-002-0291 To 0294 itle: (Letter stating that USI Properties Corp. does not be Party, with a 107(a) Notice Letter attached) Type: CORRESPONDENCE Author: Alberty, Donald L.: USI Properties Corp., Puerto	lieve itself Rico Divisi	to be a f	Date: 04/ Potentially #	/02/85 Responsible	
Author: Davis, Seth A.: Revlon, Inc. ecipient: Font, Jose C.: US EPA ocument Number: FRO-002-0291 To 0294 itle: (Letter stating that USI Properties Corp. does not be Party, with a 107(a) Notice Letter attached) Type: CORRESPONDENCE Author: Alberty, Donald L.: USI Properties Corp., Puerto	lieve itself Rico Divisi	to be a f	Date: 04/ Potentially R	/02/85 Responsible	
ocument Number: FRO-002-0291 To 0294 itle: (Letter stating that USI Properties Corp. does not be Party, with a 107(a) Notice Letter attached) Type: CORRESPONDENCE Author: Alberty, Donald L.: USI Properties Corp., Puerto	lieve itself Rico Divisi	to be a f	Date: 04/ Potentially R	/02/85 Responsible	
<pre>iocument Number: FR0-002-0291 To 0294 itle: (Letter stating that USI Properties Corp. does not be     Party, with a 107(a) Notice Letter attached)     Type: CORRESPONDENCE     Author: Alberty, Donald L.: USI Properties Corp., Puerto</pre>	lieve itself Rico Divisi	to be a a	Date: 04/ Potentially R	/02/85 Responsible	
itle: (Letter stating that USI Properties Corp. does not be Party, with a 107(a) Notice Letter attached) Type: CORRESPONDENCE Author: Alberty, Donald L.: USI Properties Corp., Puerto	lieve itself Rico Divisi	to be a l	Potentially A	lesponsible -	-
Type: CORRESPONDENCE Author: Alberty, Donald L.: USI Properties Corp., Puerto	Rico Divisi	- -			
Author: Alberty, Donald L.: USI Properties Corp., Puerto	Rico Divisi	00			
ecipient: Font, Jose C.: US EPA			•		
ocument Number: FRD-002-0295 To 0296	••••••		Date: 03/	29/85	• • • • • • • • • • • • • •
itle: (Response to a 104(e) Information Request Letter)					
Type: CORRESPONDENCE					
Author: Solecki, L. H.: Denver Chemical (Puerto Rico), I ecipient: Font, Jose C.: US EPA	nc.				
ocument Number: FRO-002-0297 To 0299	• • • • • • • • • • • • • • •	******	Date: 03/	29/85	· • • • • • • • • • • • • •
itle: (Response to a 104(e) Information Request Letter)					•
Type: CORRESPONDENCE			•		
ecipient: Font, Jose C.: US EPA					1. • •
ocument Number: FRO-002-0300 To 0303		••••••	Date: 03/2	27/85	• • • • • • • • • • • •

Type: CORRESPONDENCE Author: Casillas, Arnold: Colorcon P.R., Inc. Recipient: none: US EPA

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	***************************************	****************		
Document Number: FRO-002-0304 To 03	05		Date: 03/26/85	•
Title: (Letter requesting an extens	ion of 60 days to respond t	o the 104(e) Inform	mation Request Letter)	
Type: CORRESPONDENCE				
Author: Rodriguez-Cepeda, Jose A	.: Cepeda Sanchez-Betances	& Sifre		
Recipient: Librizzi, William J.: U	S EPA		··· ·	
				••••••
Document Number: FRO-002-0306 To 03	07		Date: 03/25/85	
Title: (Response to a 104(e) Inform	ation Request Letter)			
Type: CORRESPONDENCE				
Author: Rodriguez, Carlos: Bola	r, Inc.		•	· - ·
Recipient: Librizzi, William J.: U	S EPA			
				· ·
			· · · · · · · · · · · · · · · · · · ·	
locument Number: FRO-002-0308 16 05			Date: 03/21/85	
litle: (Response to a 104(e) Inform	ation Request Letter)			
TYDE: CORRESPONDENCE				
Author: Marrero, Pedro A.: Schm	id Products Corporation of	Puerto Rico		
Recipient: Font, Jose C.: US EPA				
Document Number: FRO-002-0310 To 03			Date: 03/15/85	
Titles /letter stating that Peodeo	Inc feels that it is not	responsible for m		
of the area)	the, recound it is not		r ronaring any crean-up	
			· ·	
Author: Steinbern Alan I . Ree	den Inc			
Recipient: Font. Jose C.: US EPA			,	•
· · · · · · · · · · · · · · · · · · ·				
Document Number: FRO-002-0311 To 03	13		Date: 03/13/85	
iitle: (Response to a 104(e) inform	ation Request Letter)			
Type: CORRESPONDENCE	•	• •	•	
Author: Rivera, Julio: Polvolas:	tics, Inc.			
Recipient: Font, Jose C.: US EPA	• • • •			
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Document Number: FRO-002-0314 To 0316			Date: 03/13/85
Title: (Response to a 104(e) Informat	ion Request Letter)		
Type: CORRESPONDENCE Author: Rivera, Julio: Esplas, In Recipient: Font, Jose C.: US EPA	c.		
Document Number: FRO-002-0317 To 0345	•••••• <u>•</u> ••••••	••••••••••••••••	Date: 03/12/85
Title: (Response to a 104(e) Informat	ion Request Letter)		
Type: CORRESPONDENCE Author: Martinez, Pedro A.: PCR, Recipient: Librizzi, William J.: US I	Inc. EPA		• • • • • • • • • • • • • • • • • • •
Document Number: FRO-002-0346 To 0347	••••••••••••••••••		Date: 03/12/85
Title: (Response to a 104(e) Informat	ion Request Letter)	•	
Type: CORRESPONDENCE Author: Paterson, William: Chanel Recipient: Font, Jose C.: US EPA	Manufacturing Company, Inc.		
Document Number: FRO-002-0348 To 0350	•••••••••••••••••••••••••••••••••••••••	•••••	Date: 03/01/85
Title: (107(a) Notice Letter)			
Type: CORRESPONDENCE Author: Librizzi, William J.: US E Recipient: Davis, Seth A.: Revlon, Ir	EPA nc.		•
Document Number: FRO-002-0351 To 0353	••••••••••••••••		Date: 03/01/85
Title: (107(a) Notice Letter)		•	
Type: CORRESPONDENCE Author: Librizzi, William J.: US E Recipient: none: Reedco, Inc.	EPA - ·		

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60713791 F	RONTERA CREEK SITE Documents		Page: 2
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Document Number: FRO-002-0354 To 0363		Date: 01/23/85	
Title: (Response to EPA requests for i attached)	nformation regarding Technicon operation	ns, with information	
Type: CORRESPONDENCE			
Author: Davis, Seth-A.: Revion, In	NC.	• •	
Recipient: Font, Jose C.: US EPA	•		
Document Number: FRO-002-0364 To 0368	••••••	Date: 01/21/85	••••••••••
Title: (Response to a 104(e) Informati	on Request Letter)		
		· ·	
Authors David Cath A & Baulon In	• • • • • • • • • • • • • • • • • • •	•	-
Author: Davis, Seth A.: Revion, in Periodenti Fort Jone C : US EDA			
Recipient: ront, Jose C.: US EFR			
Dociment Number - EPO-002-0360 To 0360			•••••
Title: (Letter, on behalf of Reedco, I Reedco's procedures for handlin	nc., stating that EPA already has inform g hazardous wastes)	nation on record concerning	
Type: CORRESPONDENCE			
Author: Rexach, Ralph J.: Rexach a	nd Pico		
Recipient: Font, Jose C.: US EPA			•
Attached: FRO-002-0370			
Document Number: FRO-002-0370 To 0370	Parent: FR0-002-0369	Date: 01/22/85	•••••
Title: (Letter forwarding results comp	aring soil and water samples taken by EF	A on March 19, 1984)	
Type: CORRESPONDENCE		•	
Author: SteinBerg, Alan J.: Reedco	, Inc.		•
Recipient: Font, Jose C.: US EPA			
		••••••	•••••
Document Number: FRO-002-0371 To 0408		Date: 12/26/84	
Title: (Response to a 104(e) Informati	on Request Letter on behalf of Technicor	Electronics Corporation)	
Type: CORRESPONDENCE			· · · · ·
Author: Davis, Seth A.: Revion, In	c.		
Recipient: Font, Jose C.: US EPA			

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	FRONTERA CREEK SITE Documents	· · · · · · · · · ·	Page: 24
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Document Number: FRO-002-0409 To 0413		Date: 11/26/	84
litle: (104(e) Information Request Le	tter)		
Type: CORRESPONDENCE			
Author: Librizzi, William J.: US	EPA		
ecipient: none: Reedco, Inc.		• •	• .
	·····		•••••
ocument Number: FRO-002-0414 To 0418		Date: / /	
itle: (104(e) Information Request Le	tter)		
Type: CORRESPONDENCE	•		
ondition: DRAFT		•	-
Author: Librizzi, William J.: US	EPA		•
ecipient: Demel, Morris: April Indu	stries, Inc.		· · · · ·
ocument Number: FRO-002-0419 To 0419		Date: 05/04/	20
Sitle: (Letter requesting a copy of A between EPA and Squibb Manufact	ttachment III, the sampling protocol turing, Inc.)	, to the Memorandum of U	nderstanding
itle: (Letter requesting a copy of A between EPA and Squibb Manufact	ttachment III, the sampling protocol turing, Inc.)	, to the Memorandum of U	nderstanding
itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Revion (no	ttachment III, the sampling protocol turing, Inc.)	, to the Memorandum of U	nderstanding
itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Revion, inc. ecipient: Simon, Paul: US EPA	ttachment III, the sampling protocol turing, Inc.)	, to the Memorandum of U	nderstanding
itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Revion, inc. ecipient: Simon, Paul: US EPA Attached: FRO-002-0420	ttachment III, the sampling protocol turing, Inc.)	, to the Memorandum of U	nderstanding
<pre>itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Revion, inc. ecipient: Simon, Paul: US EPA Attached: FRO-002-0420 bcument Number: FRO-002-0420 To 0428</pre>	ttachment III, the sampling protocol turing, Inc.) Parent: FRD-002-04	, to the Memorandum of U 19 Date: 04/28/1	nderstanding 99
<pre>itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Revion, inc. ecipient: Simon, Paul: US EPA Attached: FRO-002-0420 ocument Number: FRO-002-0420 To 0428 itle: (Letter forwarding Memorandum of the state of the state</pre>	ttachment III, the sampling protocol turing, Inc.) Parent: FRO-002-04 of Understanding)	, to the Memorandum of U 19 Date: 04/28/1	nderstanding 99
<pre>itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Rev(on, inc. ecipient: Simon, Paul: US EPA Attached: FRO-002-0420 ocument Number: FRO-002-0420 To 0428 itle: (Letter forwarding Memorandum of a concentration of the second seco</pre>	ttachment III, the sampling protocol turing, Inc.) Parent: FRO-002-04 of Understanding)	, to the Memorandum of U	nderstanding 19
<pre>itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Rev(on, inc. ecipient: Simon, Paul: US EPA Attached: FR0-002-0420 ocument Number: FR0-002-0420 To 0428 itle: (Letter forwarding Memorandum of Type: CORRESPONDENCE Author: Simon David UP EDA</pre>	ttachment III, the sampling protocol turing, Inc.) Parent: FRO-002-04 of Understanding)	, to the Memorandum of U Date: 04/28/0	nderstanding 19
<pre>itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CDRRESPONDENCE Author: illegible: Revion, inc. ecipient: Simon, Paul: US EPA Attached: FRO-002-0420 To 0428 ocument Number: FRO-002-0420 To 0428 itle: (Letter forwarding Memorandum of Type: CDRRESPONDENCE Author: Simon, Paul: US EPA acipiant: Capada:Rodminute Inco. 4 -</pre>	ttachment III, the sampling protocol turing, Inc.) Parent: FRD-002-04 of Understanding)	, to the Memorandum of U 19 Date: 04/28/0	nderstanding 99
<pre>itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Rev(on, inc. ecipient: Simon, Paul: US EPA Attached: FRO-002-0420 coument Number: FRO-002-0420 To 0428 itle: (Letter forwarding Memorandum of Type: CORRESPONDENCE Author: Simon, Paul: US EPA ecipient: Cepeda-Rodriguez, Jose A.:</pre>	ttachment III, the sampling protocol turing, Inc.) Parent: FRD-002-04 of Understanding) Goldman & Antonetti	, to the Memorandum of U Date: 04/28/	nderstanding 99
<pre>itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Revion, inc. ecipient: Simon, Paul: US EPA Attached: FRO-002-0420 ocument Number: FRO-002-0420 To 0428 itle: (Letter forwarding Memorandum of Type: CORRESPONDENCE Author: Simon, Paul: US EPA ecipient: Cepeda-Rodriguez, Jose A.:</pre>	ttachment III, the sampling protocol turing, Inc.) Parent: FRO-002-04 of Understanding) Goldman & Antonetti	, to the Memorandum of U Date: 04/28/	nderstanding 19
<pre>itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Rev(on, inc. ecipient: Simon, Paul: US EPA Attached: FRO-002-0420 To 0428 ocument Number: FRO-002-0420 To 0428 itle: (Letter forwarding Memorandum of Type: CORRESPONDENCE Author: Simon, Paul: US EPA ecipient: Cepeda-Rodriguez, Jose A.: ocument Number: FRO-002-0429 To 0429</pre>	ttachment III, the sampling protocol turing, Inc.) Parent: FRD-002-04 of Understanding) Goldman & Antonetti	Date: 04/28/0 Date: 01/24/8	nderstanding 99
<pre>itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Revion, inc. ecipient: Simon, Paul: US EPA Attached: FRO-002-0420 To 0428 ocument Number: FRO-002-0420 To 0428 itle: (Letter forwarding Memorandum o Type: CORRESPONDENCE Author: Simon, Paul: US EPA ecipient: Cepeda-Rodriguez, Jose A.: ocument Number: FRO-002-0429 To 0429 itle: (Letter requesting an extension)</pre>	ttachment III, the sampling protocol turing, Inc.) Parent: FRO-002-04 of Understanding) Goldman & Antonetti	Date: 04/28/1 Date: 01/24/2 nd Memorandum of Understa	nderstanding 9 nding)
<pre>itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Rev(on, inc. ecipient: Simon, Paul: US EPA Attached: FRO-002-0420 To 0428 ocument Number: FRO-002-0420 To 0428 itle: (Letter forwarding Memorandum o Type: CORRESPONDENCE Author: Simon, Paul: US EPA ecipient: Cepeda-Rodriguez, Jose A.: ocument Number: FRO-002-0429 To 0429 itle: (Letter requesting an extension Type: CORRESPONDENCE</pre>	ttachment III, the sampling protocol turing, Inc.) Parent: FRO-002-04 of Understanding) Goldman & Antonetti	Date: 04/28/0 Date: 01/24/2 nd Memorandum of Understa	nderstanding 9 nding)
<pre>itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Rev(on, frc. ecipient: Simon, Paul: US EPA Attached: FRO-002-0420 To 0428 ocument Number: FRO-002-0420 To 0428 itle: (Letter forwarding Memorandum o Type: CORRESPONDENCE Author: Simon, Paul: US EPA ecipient: Cepeda-Rodriguez, Jose A.: ocument Number: FRO-002-0429 To 0429 itle: (Letter requesting an extension Type: CORRESPONDENCE Author: Cepeda-Rodriguez, Jose A.:</pre>	ttachment III, the sampling protocol turing, Inc.) Parent: FRO-002-04 of Understanding) Goldman & Antonetti 	Date: 04/28/4 Date: 04/28/4 Date: 01/24/8	nderstanding 9 nding)
<pre>itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Rev(on, frc. ecipient: Simon, Paul: US EPA Attached: FRO-002-0420 To 0428 ocument Number: FRO-002-0420 To 0428 itle: (Letter forwarding Memorandum o Type: CORRESPONDENCE Author: Simon, Paul: US EPA ecipient: Cepeda-Rodriguez, Jose A.: ocument Number: FRO-002-0429 To 0429 itle: (Letter requesting an extension Type: CORRESPONDENCE Author: Cepeda-Rodriguez, Jose A.: ripe: CORRESPONDENCE Author: Cepeda-Rodriguez, Jose A.:</pre>	ttachment III, the sampling protocol turing, Inc.) Parent: FRO-002-04 of Understanding) Goldman & Antonetti 	Date: 04/28/0 Date: 04/28/0 Date: 01/24/2 nd Memorandum of Understa	nderstanding 9 nding)
<pre>itle: (Letter requesting a copy of A between EPA and Squibb Manufac Type: CORRESPONDENCE Author: illegible: Rev(on, frc. ecipient: Simon, Paul: US EPA Attached: FRO-002-0420 To 0428 ocument Number: FRO-002-0420 To 0428 itle: (Letter forwarding Memorandum of Type: CORRESPONDENCE Author: Simon, Paul: US EPA ecipient: Cepeda-Rodriguez, Jose A.: ocument Number: FRO-002-0429 To 0429 itle: (Letter requesting an extension Type: CORRESPONDENCE Author: Cepeda-Rodriguez, Jose A.: provide: Correspondence Author: Cepeda-Rodriguez, Jose A.: ecipient: Simon, Paul: US EPA</pre>	ttachment III, the sampling protocol turing, Inc.) Parent: FRO-002-04 of Understanding) Goldman & Antonetti	Date: 04/28/0 Date: 01/24/2 Date: 01/24/2 nd Memorandum of Understa	nderstanding 19 9 nding)

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A	FRONTERA CREEK SITE Documents		
D	/74		
Document Number: FRU-002-0450 TO U	431	Date: 01/13/89	
Title: (Letter discussing the Hemo to property owned by Squibb	randum of Understanding, specifically Manufacturing, Inc.)	sampling protocols and access	
Type: CORRESPONDENCE			
Condition: MISSING ATTACHMENT		••	
Recipient: Cepeda-Rodriguez, Jose	A.: Goldman_& Antonetti	·	
Document Number: FRO-002-0432 To D	432	Date: 11/09/88	
	-	vate: 11/07/00	•
Title: (Letter forwarding proposed Inc., for review and commen	Memorandum of Understanding between ( t)	EPA and Squibb Manufacturing,	-
Type: CORRESPONDENCE			
Author: Simon, Paul: US EPA			
Recipient: Cepeda-Rodriguez, Jose / Attached: FRO-002-0433	A.: Goldman & Antonetti		
Document Number: FRO-002-0433 To O	439 Parent: FR0-002-	0432 Date: 11/09/88	
Title, Memorandum of Understanding	hatusan the US EDA and Couldh Manufa	etuine tee - Eeseteen Coast	. *
Superfund Site, Remedial In	vestigation/Feasibility Study	ctoring, inc Frontera creek	
Type: LEGAL DOCUMENT			
Condition: DRAFT; MARGINALIA	····		•
Author: Muszynski, William J.: Recipient: none: Souibb Manufactu	US EPA		
		• • • • • • • • • • • • • • • • • • • •	******
Document Number: FRO-DD2-D44D To D4	447	Date: 11/07/86	
Title: (Letter confirming that the	Administrative Order has been carried	d out)	· · · · ·
Author: Davis Seth A.: Revion	foc.		· · · · ·
Recipient: none: US EPA	_	•	
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	**********		*************	****************	***********		
ocument Numb	er: FRO-002	-0448 To 044	8			Date: 10/16/86	. <del>.</del> .
itle: (Lette	r appointing	g a Facility	Coordinator p	ursuant to the Adr	ninistrative	Order on Consent)	
Type: CO		E					
Author: Da	vis, Seth A	.: Senado d	e Puerto Rico				
ecipient: no	ne: US EPA		•		· .	••	
ocument Numb	er: FRO-002	-0449 To 044	,9	••••••		Date: 06/21/91	***********
itle: (Memo)	forwarding	the complete	d Agency for To	oxic Substances a	vi Disease Re	mistry's (ATSDP)	
Health	Consultation ra Creek si	on evaluatir te)	g the health in	nplications of mer	cury and lir	ndane levels at the	
Type: CD							
Author: Bl	ock, Arthur	Agency fo	or Toxic Substar	nces & Disease Reg	gistry (ATSDR	87	
Attached: FR	0-002-0450	US EPA					
locument Numb	er: FRO-002	-0450 To 045	7	Parent: FRO-(	02-0449	Date: 06/12/91	•••••
itle: (Memo site,	discussing   Humacao, Pue	Health Consu erto Rico)	ltation, Fronte	era Creek site, Na	ational Prior	-ities List (NPL)	
Type: CO	RRESPONDENCE						
Author: Cr ecipient: Bl	ellin, John ock, Arthur:	R.: Agency Agency fo	for Toxic Subs r Toxic Substar	stances & Disease nces & Disease Reg	Registry (AT Jistry (ATSDR	(SDR) ()	
			•••••				
ocument Numb	er: FRO-002	-0458 To 046	.0			Date: 11/21/88	
itle: (Memo and Gr	discussing H oundwater, H	iealth Consu Iumacao, Pue	ltation: Ciuda rto Rico)	id Cristiana Mercu	iry Analysis	Results for Soils	
Type: CO							•
Author: Ne ecipient: Fo	lson, Willia ht, Jose C.:	am Q.: Ager : US EPA	cy for Toxic Su	ubstances & Diseas	e Registry (	ATSDR)	
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***********************************		
Document Number: FRD-002-0461 To (	0463	Date: 03/18/88
Title: (Hemo forwarding the attach of Persons Residing near th	ned Health Consultation entitled "Review ne Frontera Creek Site in Humacao, Puert	e of Biological Mercury Testing to Rico")
Type: CORRESPONDENCE	· · ·	
Author: Lybarger, Jeffrey A.: Recipient: Nelson, William Q.: As	Agency for Toxic Substances & Disease R gency for Toxic Substances & Disease Reg	Registry (ATSDR) Aistry (ATSDR)
	en e	
Document Number: FRO-002-0464 To (	9467	Date: 08/18/86
Title: (Memo discussing review of Ciudad Cristiana)	laboratory analyses of biological sampl	es, Frontera Creek site,
Type: CORRESPONDENCE		
Author: Lybarger, Jeffrey A.: Recipient: Welson, William Q.: Ag	Agency for Toxic Substances & Disease R gency for Toxic Substances & Disease Reg	legistry (ATSDR) Jistry (ATSDR)
Document Number: FRO-002-0468 Fo (	0476	Date: 07/30/85
Title: (Letter forwarding the encl replicability of the Enviro	osed scientific review document concern onment Quality Board laboratory values)	ing quality assurance and
Type CORRESPONDENCE		
Author: Houk, Vernon N.: Agenc Recipient: Daggett, Christopher J.	y for Toxic Substances & Disease Regist : US EPA	ry (ATSDR)
·		
Document Number: FRO-002-0477 To C	1479	Date: 11/21/88
Title: (Memo discussing a Health C results for soils and groun	consultation for the Frontera Creek site dwater)	dealing with mercury analysis
Type: CORRESPONDENCE Author: Nelson, William Q.: Ag	ency for Toxic Substances & Disease Reg	istry (ATSDR)
Recipient: Font, Jose C.: US EPA		
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********		************************************	2222222222222
Document Number: FRD-002-0480 To 04	80	Date: 05/30/86	
Title: (Letter forwarding a copy of document)	the Addendum to the Center for Disease	Control Scientific Review	
Type: CORRESPONDENCE			
Condition: MISSING ATTACHMENT		•••	
Author: Font, Jose C.: US EPA Recipient: Rohena-Betancourt, Santo	os: Environmental Quality Board PR		
Document Number: FRO-002-0481 To 04	82	Date: 01/30/89	-
Title: (Letter forwarding the Final	Community Relations Plan for the Fronte	ra Creek_site)	
			<u> </u>
Type: CORRESPONDENCE Author: Sachdev, Dev R.: Ebasco	Services		
Recipient: Johnson, Lillian: US EP Attached: FRO-D02-0483	A		
		•••••••	
Document Number: FRO-002-0483 To 05	05 Parent: FRO-002-0481	Date: 01/01/89	
Title: Final Community Relations Pl Rico	an for the Frontera Creek Site, Municipa	lity of Humacao, Puerto	
Tumos DI AN			
Author: Sachday Day R + Ebasco	Services		
Recipient: none: US EPA			
		•	
Document Number: FRO-002-0506 To 05			
Title: (Letter, in Spanish, annound the results of earlier resea	ing a meeting scheduled for February 1, arch at the Frontera Creek site)	1989, to present and discuss	•
			• •
Type: CORRESPONDENCE			
Author: Negron-Navas, Eduardo M.	: Fiddler, Gonzalez, Rodriguez		
Recipient: Mayoral, Ricardo: Depar	tmento de Salud		
Attached: FR0-002-0507 FR0-002-0	1508 FRO-002-0509		
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DB/13/91 Index Document Number Order FRONTERA CREEK SITE Documents	-			
Document Humber: FR0-002-0507 To 0507 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Havas, Eduardo N.: Fiddler, Gonzalez, Rodriguez Recipient: Ojeda, Pedro A. Maldanado: Junta de Calidad Ambiental Document Number: FR0-002-0508 To 0508 Parent: FR0-002-0506 Date: 01/26/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo N.: Fiddler, Gonzalez, Rodriguez Recipient: Grau, Jose Orlando: none Document Number: FR0-002-0509 To 0509 Parent: FR0-002-0506 Date: 01/26/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo N.: Fiddler, Gonzalez, Rodriguez Recipient: Grau, Jose Orlando: none Document Number: FR0-002-0509 To 0509 Parent: FR0-002-0506 Date: 01/26/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Martinez, Patricia: none Document Number: FR0-002-0510 To 0512 Date: 01/12/88 Title: (Attendance list for Frontera Creek Public Meeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US EPA Recipient: none: None	08/13/91 Index Docum FRONTERA CR	ent Number Order EEK SITE Documents		Page: 2
Document Humber: FR0-002-0507 To 0507 Parent: FR0-002-0506 Date: 01/26/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Ojeda, Pedro A. Maldanado: Junta de Calidad Ambiental Document Number: FR0-002-0508 To 0508 Parent: FR0-002-0506 Date: 01/26/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Grau, Jose Orlando: none Document Number: FR0-002-0509 To 0509 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Document Number: FR0-002-0509 To 0509 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Martinez, Patricia: none Document Number: FR0-002-0510 To 0512 Date: 01/12/88 Title: (Attendance list for Frontera Creek Public Meeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US EPA Recipient: none: US EPA Recipient: none: None	**********			*======
<pre>Title: (Letter, in Spanish, announcing a meeting scheduled for february 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Ojeda, Pedro A. Maldanado: Junta de Calidad Ambiental Document Number: FRO-002-0508 To 0508 Parent: FRO-002-0506 Date: 01/24/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Grau, Jose Orlando: none Document Number: FRO-002-0509 To 0509 Parent: FRO-002-0506 Date: 01/24/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Grau, Jose Orlando: none Document Number: FRO-002-0509 To 0509 Parent: FRO-002-0506 Date: 01/24/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Martinez, Patricia: none Document Number: FRO-002-0510 To 0512 Date: 01/12/88 Title: (Attendance list for Frontera Creek Public Meeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US EPA Recipient: none: US EPA Recipient: none: US EPA Recipient: none: US EPA Recipient: none: US EPA</pre>	Document Number: FRO-002-0507 To 0507	Parent: FRO-002-0506	Date: 01/24/89	
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Ojeda, Pedro A. Maldanado: Junta de Calidad Ambiental Document Number: FRO-002-0508 To 0508 Parent: FRO-002-0506 Date: 01/24/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Grau, Jose Orlando: none Document Number: FRO-002-0509 To 0509 Parent: FRO-002-0506 Date: 01/24/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Grau, Jose Orlando: none Document Number: FRO-002-0509 To 0509 Parent: FRO-002-0506 Date: 01/24/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Martinez, Patricia: none Document Number: FRO-002-0510 To 0512 Date: 01/12/88 Title: (Attendance list for Frontera Creek Public Heeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US EPA Recipient: none: None	Title: (Letter, in Spanish, announcing a meeting the results of earlier research at the Fr	scheduled for february 1, 1989, ontera Creek site)	to present and discuss	
Author: Hegron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Ojeda, Pedro A. Maldanado: Junta de Calidad Ambiental Document Number: FRO-002-0508 To 0508 Parent: FRO-002-0506 Date: 01/26/89 Title: (Letter, in Spanish, announcing a meeting schedulèd for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Grau, Jose Orlando: none Document Number: FRO-002-0509 To 0509 Parent: FRO-002-0506 Date: 01/26/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Grau, Jose Orlando M.: Fiddler, Gonzalez, Rodriguez Recipient: Number: FRO-002-0509 To 0509 Date: 01/26/89 Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Martinez, Patricia: none Document Number: FRO-002-0510 To 0512 Date: 01/12/88 Title: (Attendance List for Frontera Creek Public Meeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US FPA Recipient: none: none	Type: CORRESPONDENCE			•
Document Number: FR0-002-0508 To 0508 Parent: FR0-002-0506 Date: 01/24/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Megron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Grau, Jose Orlando: none Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Mayon-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Grau, Jose Orlando: none Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Megron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Martinez, Patricia: none Document Number: FR0-002-0510 To 0512 Type: CORRESPONDENCE Author: Rone: US EPA Recipient: none: US EPA Recipient: none: US EPA Recipient: none: none	Author: Negron-Navas, Eduardo M.: Fiddler, G Recipient: Ojeda, Pedro A. Maldanado: Junta de	onzalez, Rodriguez Calidad Ambiental	• <b>•</b>	
<pre>Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Grau, Jose Orlando: none Document Number: FRO-002-0509 To 0509 Parent: FRO-002-0506 Date: 01/24/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Martinez, Patricia: none Document Number: FRO-002-0510 To 0512 Date: 01/12/88 Title: (Attendance list for Frontera Creek Public Meeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none </pre>	Document Number: FRO-002-0508 To 0508	Parent: FRO-002-0506	Date: 01/24/89	•••••
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Grau, Jose Orlando: none Document Number: FRO-002-0509 To 0509 Parent: FRO-002-0506 Date: 01/24/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo N.: Fiddler, Gonzalez, Rodriguez Recipient: Martinez, Patricia: none Document Number: FRO-002-0510 To 0512 Date: 01/12/88 Title: (Attendance list for Frontera Creek Public Meeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none	Title: (Letter, in Spanish, announcing a meeting the results of earlier research at the Fr	scheduled for February 1, 1989, ontera Creek site)	to present and discuss	
Document Number: FRO-002-0509 To 0509 Parent: FRO-002-0506 Date: 01/24/89 Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Martinez, Patricia: none Document Number: FRO-002-0510 To 0512 Date: 01/12/88 Title: (Attendance list for Frontera Creek Public Meeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none	Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, G Recipient: Grau, Jose Orlando: none	onzalez, Rodriguez		- ·
<pre>Title: (Letter, in Spanish, announcing a meeting scheduled for February 1, 1989, to present and discuss the results of earlier research at the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Martinez, Patricia: none Document Number: FRO-002-0510 To 0512 Date: 01/12/88 Title: (Attendance list for Frontera Creek Public Meeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none</pre>	Document Number: FRO-002-0509 To 0509	Parent: FR0-002-0506	Date: 01/24/89	••••
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Martinez, Patricia: none Document Number: FRO-002-0510 To 0512 Date: 01/12/88 Title: (Attendance list for Frontera Creek Public Meeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none	Title: (Letter, in Spanish, announcing a meeting the results of earlier research at the Fr	scheduled for February 1, 1989, ontera Creek site)	to present and discuss	
Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez Recipient: Martinez, Patricia: none Document Number: FRO-D02-0510 To 0512 Date: 01/12/88 Title: (Attendance list for Frontera Creek Public Meeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none	Type: CORRESPONDENCE			
Document Number: FRO-002-0510 To 0512 Date: 01/12/88 Title: (Attendance list for Frontera Creek Public Meeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none	Author: Negron-Navas, Eduardo M.: Fiddler, G Recipient: Martinez, Patricia: none	onzalez, Rodriguez		•
Document Number: FRO-002-0510 To 0512 Date: 01/12/88 Title: (Attendance list for Frontera Creek Public Meeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none	•••••		•••••	
Title: (Attendance list for Frontera Creek Public Meeting held on January 12, 1988) Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none —	Document Number: FRO-002-0510 To 0512		Date: 01/12/88	
Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none -	Title: (Attendance list for Frontera Creek Publi	c Meeting held on January 12, 19	88)	
Author: none: US EPA Recipient: none: none -	Type: CORRESPONDENCE		•	
-	Author: none: US EPA			
	Recipient: none: none		•	
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ocument Number: FRO-002-0513 To 0513	Date: 01/12/88
itle: (Agenda for Public Meeting, Frontera Creek site, Humacao, Puerto R	ico, January 12, 1988)
Type: CORRESPONDENCE	
Author: none: US EPA	
ecipient: none: none	
cument Number: FRO-002-0514 To 0315	Date: 01/09/85
itle: (Letter confirming a meeting and site inspection scheduled for Jan	wary 15, 1984)
Type: CURRESPUNDENCE	• •
AUTHOR: U'NEILL, CARLOS E.: US EPA	- · ·
cipient: Irizarry, William M.: Reedco, Inc.	
scument Number: FRO-002-0516 To 0517	Date: 01/08/85
tle: (Letter confirming a meeting and site inspection scheduled for Janu	uary 15, 1984)
Type: CORRESPONDENCE	
Author: D'Neill, Carlos E.: US EPA	
cipient: Garcia, Cesar: Technicon Electronics Corporation	
cument Number: FR0-002-0518 To 0519	Date: 01/08/85
tle: (Letter confirming a meeting and site inspection scheduled for Janu	uary 15, 1984)
TYDE: CORRESPONDENCE	
Author: Santos, Luis E.: US EPA	
cipient: Artiz Julio: Souibb Manufacturing Inc.	
	•
	Date: 01/12/88
tle: Public Meeting Transcript - Frontera Creek	
Type: LEGAL DOCUMENT	
Type: LEGAL DOCUMENT Author: none: Bonafide Bilingual Reporting Service	•
Type: LEGAL DOCUMENT Author: none: Bonafide Bilingual Reporting Service cipient: none: none	

FRO 002 0806

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Document Number: FRO-002-0607	To 0613	Date: 08/29/78	•
Title: (Letter discussing Envi	ronmental Quality Board sampling at Technicon E	lectronics Corporation)	
Type: CORRESPONDENCE			1000 - 1000 1000 - 1000 1000 - 1000
Author: Rohena-Betancourt, Recipient: Scolnick, Meyer: U	Santos: Environmental Quality Board PR S EPA	• • •	
·····	••••••••••••••••••••••••••••••••••••••		
Document Number: FRO-002-0614	To 0621	Date: 06/29/79	•
Title: Order To Show Cause And	To Do, Ref. No. D-78003-122 (Copies in Spanish	and English)	•
Type: LEGAL DOCUMENT		•	
Author: illegible: Environ Recipient: illegible: Technic	mental Quality Board PR on Electronics Corporation		<b></b>
Document Number: FRO-002-0622	το 0625	Date: 02/18/81	• • • • • • • • • • • • • • • • • •
Title: Order To Show Cause, To and English)	Cease, Desist, And To Do. Case No. Q-AG-77-025	04 (copies in Spanish	
TYPE: LEGAL DOCUMENT			
Author: Torres, Francis: E Recipient: Peters, John E.: R	nvironmental Quality Board PR eedco, Inc.		
•••••		******************************	
Document Number: FRO-002-0626	To 0627	Date: 11/06/90	
Title: (Letter forwarding docur for the Frontera Creek	ments and designating the Town of Humacao as an site)	Information Repository	•
Type: CORRESPONDENCE Condition: MISSING ATTACHMENT		•	·
Type: CORRESPONDENCE Condition: MISSING ATTACHMENT Author: D'Neill, Carlos E.: Recipient: Vega-Sosa, Ramon: 1	US EPA Mayor, Municipality of Humacao	•	

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ent Number: FRO-002-0628 To 06	528	•	Date: 02/01/89		
: (Attendance list from EPA me	ecting with Citizens Advisory Gro	(quo			
Type: CORRESPONDENCE					
thor: none: US EPA					
ient: none: none-			••		
	•	•	•		
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ent Number: FRO-002-0629 To 06	529	•	Date: 12/28/87		
: (Letter scheduling public me	eeting to present Work Plan for t	he Frontera Creek	Remedial Investigation	<b>(</b> د	
TYDE: CORRESPONDENCE					
thor: Rohena-Betancourt, Santo	os: Environmental Quality Board	PR	· · · · ·	_ ·	
ient: Font, Jose C.: US EPA					
ent Number: FRO-002-0630 To 06	530		Date: 12/23/87		
: (Letter discussing planned c Work Plan)	one-day public meeting for the fr	ontera Creek Remed	dial Investigation		
Type: CORRESPONDENCE					
thor: Font, Jose C.: US EPA					
ient: Sepulveda, Jose: Ciudad	d Cristiana Steering Committee				
ent Number: FRO-002-0631 To 06	531	•••••	Date: 02/06/87		•
: (Letter confirming a meeting to be used at the Frontera C	; scheduled on February 19, 1987, Treek site)	to discuss the "F	Residents Fund"		
thor: Font. Jose C.: US EPA			•	•	
ent: Rivera, Bethsaida: Urba	anization Quintas de Humacao				
					:
ent Number: FRO-002-0632 To 06			Date: 05/13/86		•
(Letter regarding public mee Plan for the Frontera Creek	ting to discuss the Remedial Inv site)	estigation/Feasibi	ility Study Work		
YDE: CORRESPONDENCE					
<pre>:hor: Gelabert, Pedro A.: US ent: Izquierdo-Mora, Luis: P</pre>	EPA PR Dept of Health	• • • •			

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Document Number: FRO-001-0080 To 00	89	•	Date: / /	
Title: (Base Neutral Extractables D	ata)			
Type: DATA				
Author: none: none.			•	
Recipient: none: none				
Document Number: FRO-001-2376 To 23	78 Par	ent: FRO-001-2373	Date: / /	•••••
	•			
Title: Quantitative Organics in the Site	Sediment Sampling by E	PA, October 23 to 26	, 1979, Frontera Creek	
				••••••
Type: DATA				
Author: none: none				
Recipient: none: none				
			·	
Document Number: FRO-001-2432 To 243	32		Date: / /	
Title: (Letter confirming a meeting	scheduled for February	19, 1987)		
TUTOL CODDESDOUDENCE				
Author: Font. Jose C.: US EPA				
Recipient: Rivera, Bethsaida: Urbar	nization Quintas de Hum	8080	• • • •	
•••••••••••••••••		••••••••••••••••••	•••••••••••••••••••••••••••••••••••••••	
Document Number: FRO-001-2468 To 247	70		Date: / /	· · · ·
Title: R1/FS Work Plan Fact Sheet -	Frontera Creek Site, Hi	unacao, Puerto Rico	•	
Type: CORRESPONDENCE				
Author: none: none				:
Recipient: none: none				
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Document Number: FRU-002-0414 Fo 041	10		Date: / /	
Title: (104(e) Information Request 1	etter)			
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Endition: DRAFT			4	
Author: Librizzi, William J.: US	EPA	•		μ. Li
Recipient: Demel, Morris: April Inc	Justries, Inc.			RO
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ocument Number: FRO-002-0638 To 06	38		Date: / /	•
itle: (Attendance list from a Tech	nical Assistance Fund meeting abo	wt the Frontera	Creek site)	
Type: CORRESPONDENCE				
Author: none: none -				
ecipient: none: none	•		• •	
	- 	•••••		
ocument Number: FRO-002-0639 To 06	<b>41</b>	•	Date: / /	
itle: (Memo summarizing the concern	ns of the Steering Committee expr	essed at a meeti	ing with EPA held	
on May 22, 1980)		•		
Type: CORRESPONDENCE				
ondition: MARGINALIA; MISSING ATTAC	CHMENT			
Author: Librizzi, William J.: U	5 EPA			
ecipient: Daggett, Christopher J.:	US EPA			
		•••••••••••••••••		•••••
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environmen	13 htal Quality Board sampling at Te	chnicon Electron	Date: 08/29/78 lics Corporation)	
ocument Number: FRD-002-0607 To 06 itle: (Letter discussing Environmer Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi	chnicon Electron R	Date: 08/29/78	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environmer Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi	chnicon Electron R	Date: 08/29/78 hics Corporation)	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environmer Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi	chnicon Electron R	Date: 08/29/78	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environmer Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA ocument Number: FRO-002-0614 To 062	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi 21	chnicon Electron R	Date: 08/29/78 Nics Corporation) Date: 06/29/79	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environmen Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA ocument Number: FRO-002-0614 To 06 itle: Order To Show Cause And To Do	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi 21 5, Ref. No. D-78003-122 (Copies in	chnicon Electron R n Spanish and En	Date: 08/29/78 Nics Corporation) Date: 06/29/79	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environmen Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA ocument Number: FRO-002-0614 To 06 itle: Order To Show Cause And To Do Type: LEGAL DOCUMENT	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi 21 p, Ref. No. D-78003-122 (Copies in	chnicon Electron R n Spanish and En	Date: 08/29/78 hics Corporation) Date: 06/29/79 glish)	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environmer Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA ocument Number: FRO-002-0614 To 06 itle: Order To Show Cause And To Do Type: LEGAL DOCUMENT Author: illegible: Environmental	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi 21 b, Ref. No. D-78003-122 (Copies in L Quality Board PR	chnicon Electron R n Spanish and En	Date: 08/29/78 Nics Corporation) Date: 06/29/79 glish)	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environmen Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA ocument Number: FRO-002-0614 To 063 itle: Order To Show Cause And To Do Type: LEGAL DOCUMENT Author: illegible: Environmental ecipient: illegible: Technicon Ele	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi 21 b, Ref. No. D-78003-122 (Copies in L Quality Board PR ectronics Corporation	chnicon Electron R n Spanish and En	Date: 08/29/78 mics Corporation) Date: 06/29/79 glish)	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environmen Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA ocument Number: FRO-002-0614 To 06 itle: Order To Show Cause And To Do Type: LEGAL DOCUMENT Author: illegible: Environmental ecipient: illegible: Technicon Ele	13 htal Quality Board sampling at Te 5: Environmental Quality Board Pi 21 b, Ref. No. D-78003-122 (Copies in 1 Quality Board PR ectronics Corporation	chnicon Electron R n Spanish and En	Date: 08/29/78 mics Corporation) Date: 06/29/79 glish)	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environmer Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA ocument Number: FRO-002-0614 To 06 itle: Order To Show Cause And To Do Type: LEGAL DOCUMENT Author: illegible: Environmental ecipient: illegible: Technicon Ele ocument Number: FRO-002-0622 To 062	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi 21 b, Ref. No. D-78003-122 (Copies in 1 Quality Board PR ectronics Corporation 25	chnicon Electron R n Spanish and En	Date: 08/29/78 Nics Corporation) Date: 06/29/79 glish) Date: 02/18/81	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environmen Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA ocument Number: FRO-002-0614 To 06 itle: Order To Show Cause And To Do Type: LEGAL DOCUMENT Author: illegible: Environmental ecipient: illegible: Technicon Ele ocument Number: FRO-002-0622 To 06 itle: Order To Show Cause, To Cease	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi 21 b, Ref. No. D-78003-122 (Copies in 1 Quality Board PR ectronics Corporation 25 e, Desist, And To Do. Case No. Qu	chnicon Electron R n Spanish and En -AG-77-0294 (cop	Date: 08/29/78 mics Corporation) Date: 06/29/79 glish) Date: 02/18/81 mics in Spanish	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environment Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA ocument Number: FRO-002-0614 To 062 itle: Order To Show Cause And To Do Type: LEGAL DOCUMENT Author: illegible: Environmental ecipient: illegible: Technicon Ele ocument Number: FRO-002-0622 To 062 itle: Order To Show Cause, To Cease and English)	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi 21 b, Ref. No. D-78003-122 (Copies in 1 Quality Board PR ectronics Corporation 25 e, Desist, And To Do. Case No. Qu	chnicon Electron R n Spanish and En -AG-77-0294 (cop	Date: 08/29/78 nics Corporation) Date: 06/29/79 glish) Date: 02/18/81 ies in Spanish	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environment Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA ocument Number: FRO-002-0614 To 063 itle: Order To Show Cause And To Do Type: LEGAL DOCUMENT Author: illegible: Environmental ecipient: illegible: Technicon Ele ocument Number: FRO-002-0622 To 063 itle: Order To Show Cause, To Cease and English)	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi 21 b, Ref. No. D-78003-122 (Copies in 1 Quality Board PR ectronics Corporation 25 e, Desist, And To Do. Case No. Qu	chnicon Electron R n Spanish and En -AG-77-0294 (cop	Date: 08/29/78 nics Corporation) Date: 06/29/79 glish) Date: 02/18/81 ies in Spanish	
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ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environment Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA ocument Number: FRO-002-0614 To 062 itle: Order To Show Cause And To Do Type: LEGAL DOCUMENT Author: illegible: Environmental ecipient: illegible: Technicon Ele ocument Number: FRO-002-0622 To 062 itle: Order To Show Cause, To Cease and English) Type: LEGAL DOCUMENT Author: Torres, Francis: Environmental Author: Torres, Francis: Environmental Auth	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi 21 b, Ref. No. D-78003-122 (Copies in 1 Quality Board PR ectronics Corporation 25 e, Desist, And To Do. Case No. Quality Board PR 100	chnicon Electron R n Spanish and En -AG-77-0294 (cop	Date: 08/29/78 mics Corporation) Date: 06/29/79 glish) Date: 02/18/81 ies in Spanish	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environment Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA ocument Number: FRO-002-0614 To 06 itle: Order To Show Cause And To Do Type: LEGAL DOCUMENT Author: illegible: Environmental ecipient: illegible: Technicon Ele ocument Number: FRO-002-0622 To 06 itle: Order To Show Cause, To Cease and English) Type: LEGAL DOCUMENT Author: Torres, Francis: Enviror ecipient: Peters, John E.: Reedco,	13 htal Quality Board sampling at Te s: Environmental Quality Board Pi 21 b, Ref. No. D-78003-122 (Copies in 1 Quality Board PR ectronics Corporation 25 e, Desist, And To Do. Case No. Quality Board PR immental Quality Board PR , Inc.	chnicon Electron R n Spanish and En -AG-77-0294 (cop	Date: 08/29/78 Nics Corporation) Date: 06/29/79 glish) Date: 02/18/81 Nate: 02/18/81	
ocument Number: FRO-002-0607 To 06 itle: (Letter discussing Environmer Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos ecipient: Scolnick, Meyer: US EPA ocument Number: FRO-002-0614 To 06 itle: Order To Show Cause And To Do Type: LEGAL DOCUMENT Author: illegible: Environmental ecipient: illegible: Technicon Ele ocument Number: FRO-002-0622 To 06 itle: Order To Show Cause, To Cease and English) Type: LEGAL DOCUMENT Author: Torres, Francis: Enviror ecipient: Peters, John E.: Reedco,	13 htal Quality Board sampling at Te 5: Environmental Quality Board Pi 21 b, Ref. No. D-78003-122 (Copies in 1 Quality Board PR ectronics Corporation 25 e, Desist, And To Do. Case No. Quality Board PR immental Quality Board PR inc.	chnicon Electron R n Spanish and En -AG-77-0294 (cop	Date: 08/29/78 nics Corporation) Date: 06/29/79 glish) Date: 02/18/81 ies in Spanish	

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Document Number: FRO-001-0007 To 0021		Date: 08/10/81	
Title: Potential Hazardous Waste Site Inspection Report (f	for the Frontera Creek si	ite)	
Type: REPORT			
Author: Lipsky, David: Fred C. Hart Associates		· · · · · · · · · · · · · · · · · · ·	
Recipient: none: US EPA -			•
Document Number: FRO-001-0059 To 0077		Date: 08/10/81	
Title: Potential Hazardous Waste Site Inspection Report (f	or the Frontera Creek si	te)	
Type: REPORT		• •	<b>-</b> ···
Author: Lipsky, David: Fred C. Hart Associates			
Recipient: none: US EPA			
	••••••	•••••	•••••
Document Number: FRO-001-0022 To 0032		Date: 09/14/81	
Title: Potential Hazardous Waste Site Identification and P Creek site)	reliminary Assessment (f	or the Frontera	
Type: REPORT		•	
Author: Lipsky, David: Fred C. Hart Associates			
Recipient: none: US EPA			
•••••		******	
Document Number: FRO-001-0033 To 0058		Date: 09/14/81	
Title: Potential_Hazardous Waste Site Inspection Report (f	or the Frontera Creek si	te)	
Tume BEDORT			
Author: Lipsky. David: Fred C. Hart Associates			:
Recipient: none: US EPA	•		•
•		· .	
Desiment Number: EPO:001.0001 To 0006	••••••••	·····	
		vere, VJ/V4/QJ	
Title: Sampling Trip Report (for the Frontera Creek site)			
Type: REPORT	•		
Author: Farley, Dennis P.: NUS Corporation			
Recipient: none: US EPA			
Recipient: none: US EPA			

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Document Number: FRO-001-0078 To 0079		•	Date: 06/07/84	•
Titles (letter petitying of a pressed townstand		Anna Barah atan		
inter (Letter notifying of a proposed superfund	project at Pron	tera Greek Site)		
Type: CORRESPONDENCE				
Condition: DRAFT			••	
Author: Librizzi, William J.: US EPA				
Recipient: Soto, Nelson: Puerto Rico Planning Bo	oard		•	
		• • • • • • • • • • • • • • • • • • • •		••••••
Document Number: FRO-002-0409 16 0413	-		Date: 11/26/84	
Title: (104(e) Information Request Letter)			• •	<b>-</b> •
Type: CORRESPONDENCE		· · · · ·		
Author: Librizzi, William J.: US EPA				
Recipient: none: Reedco, Inc.				
	•••••••••••••••		•••••	
Document Number: FRO-002-0369 To 0369			Date: 12/21/84	
Title: (Letter, on behalf of Reedco, Inc., statir Reedco's procedures for handling hazardous	ng that EPA alrea s wastes)	ady has informatic	on on record concerning	
Type: CORRESPONDENCE			· · · ·	
Author: Rexach, Ralph J.: Rexach and Pico				•
Recipient: Font, Jose C.: US EPA Attached: FRO-002-0370				
••••••				***********
Document Number: FRO-002-0371 To 0408			Date: 12/26/84	
Title: (Response to a 104(e) Information Request	Letter on behalf	of Technicon Ele	ctronics Corporation)	<b>.</b>
TURA CORRESPONDENCE				:
Author: Davis Seth A.: Revion Inc.				
Recipient: Font Jose C.: US EPA	•	1	•	
·····			•	
Document Number: FRO-002-0516 To 0517		••••••	Date: 01/08/85	•••••
Title: (Letter confirming a meeting and site insp	ection scheduled	for January 15,	1984)	
Type: CORRESPONDENCE				
Author: O'Neill, Carlos E.: US EPA				
Recipient: Garcia, Cesar: Technicon Electronics	Corporation			
an a				

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ocument Number: FRO-002-0518 To 0519			Date: 01/08/85	
itle: (Letter confirming a meeting and site	inspection scheduled for	January 15	, 1984)	
Type: CORRESPONDENCE				
Author: Santos, Luis E.: US EPA			••	
ecipient: Ortiz, Julio: Squibb Manufacturin	g, Inc.			
ocument Number: FRO-002-0514 To 0515			Date: 01/09/85	
itle: (Letter confirming a meeting and site	- inspection scheduled for	January 15	, 1984)	•
				<b>-</b> ·
Author: Olivaill Carlos E : US EDA				
ecipient: Irizarry, William H.: Reedco, Inc.	•			
ocument Number: FRO-002-0364 To 0368	•••••••••••••••••••••••••••••••••••••••		Date: 01/21/85	•••••••••••••
itle: (Response to a 104(e) Information Requ	est Letter)			
Type: CORRESPONDENCE				
Author: Davis, Seth A.: Revion, Inc.				
ecipient: Font, Jose C.: US EPA				
••••••				•••••
ocument Number: FR0-002-0370 To 0370	Parent: FRO-002	- 0369	Date: 01/22/85	•
itle: (Letter forwarding results comparing so	oil and water samples tak	en by EPA o	on March 19, 1984)	
Type: CORRESPONDENCE		· .		•
Author: Steinberg, Alan J.: Reedco, Inc.				
ecipient: Font, Jose C.: US EPA	•			
			•••••••••••••••••••••••••••••••••••••••	
ocument Number: FRO-002-0354 To 0363		•	Date: 01/23/85	
itle: (Response to EPA requests for informati attached)	ion regarding Technicon o	perations,	with information	
Tume CODDECDONDENCE		<b>-</b>		
type, waregrundende Authors Davis Cath & a Bauton Ime				
AULION: DEVIK SELD A.Y. HAVING THE				
ecipient: Font, Jose C.: US EPA				

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Document Number: FRO-001-2443 To 2457		•	Date: 02/15/85	
Title: (Letter forwarding information Creek site)	pertaining to past sampling	of water and sec	iment at the Frontera	
Type: CORRESPONDENCE	~		•	
Recipient: Font, Jose C.: US EPA	-			
Document Number: FRO-002-0348 To 0350	•	•••••	Date: 03/01/85	
Title: (107(a) Notice Letter)		•	• •	_
Type: CORRESPONDENCE	EDA			
Recipient: Davis, Seth A.: Revion, In	nc.			
Document Number: FRO-002-0351 To 0353			Date: 03/01/85	• • • • • • • • • • • • • • • •
Title: (107(a) Notice Letter)				
Type: CORRESPONDENCE	-			
Recipient: none: Reedco, inc.				аларан Аларан Ф
Document Number: FRO-002-0317 To 0345			Date: 03/12/85	
Title: (Response to a 104(e) Informat	ion Request Letter)		•	
Type: CORRESPONDENCE	•			
Author: Martinez, Pedro A.: _PCK, Recipient: Librizzi, William J.: US	EPA -			
Document Number: FRO-002-0346 To 0347		••••••	Date: 03/12/85	••••
Title: (Response to a 104(e) Informat	ion Request Letter)			
Type: CORRESPONDENCE		•••		~
Author: Paterson, William: Chanel Recipient: Font, Jose C.: US EPA	Manufacturing Company, Inc.	: · · · · · ·		
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Document Number: FRO-002-0311 To	0313		Date: 03/1	5/85
Title: (Response to a 104(e) int	ormation kequest Let	ter)		
Type: CORRESPONDENCE				
Author: Rivers, Julio: Polyp	lastics, Inc.		• •	
Recipient: Font, Jose C.: US EP	A			
	-		· · · ·	
••••••	•••••••••	********	***********************	
Document Number: FR0-002-0314 To	0316		Date: 03/1	
Title: (Response to a 104(e) inf	ormation Persect Lat	ter)	•	
Title: (kesponse to a lov(e) in	of maction Request Let		•	-
Type: CORRESPONDENCE				
Author: Rivera, Julio: Espla	s. Inc.			
Recipient: Font. Jose C.: US EP	A			
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•••••				•••••••
Document Number: FRO-002-0288 To	0290		Date: 03/14	/85
· · · · · · · · · · · · · · · · · · ·		· · · · ·		
Title: (Letter stating that Tech at the Frontera Creek sit	nicon does not belie e)	ve itself to be a Poti	entially Responsible Pa	rty
Type: CORRESPONDENCE	1. S.			
Author: Davis, Seth A.: Revi	on, Inc.		•	
Recipient: Font, Jose C.: US EP	A			
•••••••				*****
Document Number: FRO-002-0310 To	0310		Date: 03/15	/85
		•		
Title: (Letter stating that Reed	co, Inc., feels that	it is not responsible	e for performing any cl	ean-up
of the area)				
T CORRERDOUDENCE				-
Type: CORRESPONDENCE	Reades tos"			
Author: Steinberg, Alan J.:	keedco, inc.			
Recipient: Font, Jose C.: US EF	•			
- 				
Document Number: FRO-002-0308 To	0309		Date: 03/21	/85
		•		
ittle: (Response to a 104(e) int	OFMATION REQUEST LET		. ••	· · ·
Type: CORRESPONDENCE		· . ·		· · · · · · · · · · · · · · · · · · ·
Author: Marrero. Pedro A.: S	chmid Products Corpo	ration of Puerto Rico		
Recipient: Font. Jose C.: US EP.	λ.			•
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ocument Number: FRO-002-03	06 To 0307		Date: 03/25/85	•
itle: (Response to a 104(e	) Information Request Letter)			
Type: CORRESPONDENCE				
Author: Rodriguez, Carlo	s: Bolar, Inc.		••	
ecipient: Librizzi, Villia	m J.: US EPA			
ocument Number: FRO-002-03	04 70 0305		Date: 03/26/85	
Itles (Letter requesting a		the 10//al inform		
itte: (Lette: lequesting a			acion Request Lettery	-
Type: CORRESPONDENCE		and and a second se		
Author: Rodriguez-Cepeda	, Jose A.: Cepeda Sanchez-Betances	& Sifre		
ecipient: Librizzi, Willia	m J.: US EPA			
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ocument Number: FRO-002-03	00 To 0303	•	Date: 03/27/85	•
ocument Number: FRO-DO2-03 itle: (Response to a 104(e	00 To 0303	the 104(e) Request 1	Date: D3/27/85 Letter attached)	•
ocument Number: FRD-D02-03 itle: (Response to a 104(e Type: CORRESPONDENCE	00 To 0303	the 104(e) Request 1	Date: D3/27/85 Letter attached)	
ocument Number: FRO-002-03 itle: (Response to a 104(e Type: CORRESPONDENCE Author: Casillas, Arnold	00 To 0303 ) Information Request Letter, with t : Colorcon P.R., Inc.	the 104(e) Request 1	Date: D3/27/85 Letter attached)	•
ocument Number: FRO-DO2-03 itle: (Response to a 104(e Type: CORRESPONDENCE Author: Casillas, Arnold ecipient: none: US EPA	00 To 0303 > Information Request Letter, with t 1: Colorcon P.R., Inc.	the 104(e) Request 1	Date: D3/27/85 Letter attached)	•
ocument Number: FRO-DO2-03 itle: (Response to a 104(e Type: CORRESPONDENCE Author: Casillas, Arnold ecipient: none: US EPA	00 To 0303 ) Information Request Letter, with t : Colorcon P.R., Inc.	the 104(e) Request 1	Date: D3/27/85	
ocument Number: FRO-DO2-03 itle: (Response to a 104(e Type: CORRESPONDENCE Author: Casillas, Arnold ecipient: none: US EPA	00 To 0303 Information Request Letter, with t Colorcon P.R., Inc.	the 104(e) Request 1	Date: D3/27/85 Letter attached)	
ocument Number: FRO-DO2-03 itle: (Response to a 104(e Type: CORRESPONDENCE Author: Casillas, Arnold ecipient: none: US EPA ocument Number: FRO-DO2-D2	00 To 0303 ) Information Request Letter, with t I: Colorcon P.R., Inc. 95 To 0296	the 104(e) Request t	Date: D3/27/85 Letter attached) Date: 03/29/85	
ocument Number: FRO-002-03 itle: (Response to a 104(e Type: CCRRESPONDENCE Author: Casillas, Arnold ecipient: none: US EPA ocument Number: FRO-002-02 itle: (Response to a 104(e	00 To 0303 ) Information Request Letter, with t Colorcon P.R., Inc. 95 To 0296 ) Information Request Letter)	the 104(e) Request 1	Date: 03/27/85 Letter attached) Date: 03/29/85	
ocument Number: FRO-DO2-03 itle: (Response to a 104(e Type: CORRESPONDENCE Author: Casillas, Arnold ecipient: none: US EPA ocument Number: FRO-DO2-02 itle: (Response to a 104(e	00 To 0303 1) Information Request Letter, with t 1: Colorcon P.R., Inc. 195 To 0296 2) Information Request Letter)	the 104(e) Request 1	Date: 03/27/85 Letter attached) Date: 03/29/85	
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ocument Number: FRO-D02-03 itle: (Response to a 104(e Type: CORRESPONDENCE Author: Casillas, Arnold ecipient: none: US EPA 	00 To 0303 1) Information Request Letter, with t 1: Colorcon P.R., Inc. 195 To 0296 2) Information Request Letter) Denver Chemical (Puerto Rico), Inc. US EPA 197 To 0299 2) Information Request Letter) 3: Warren-Teed. Inc.	the 104(e) Request 1	Date: 03/27/85 Letter attached) Date: 03/29/85 Date: 03/29/85	

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Document Number: FRO-002-0287	To 0287	Date: 04/02/85	
Title: (Letter confirming a te to the EPA Information	elephone conversation granting a 30-day extension Request)	n in which to respond	
Type: CORRESPONDENCE			
Author: Fernandez, Francis Recipient: Font, Jose C.: US	Torres: Cepeda Sanchez-Betances & Sifre		
Document Number: FRO-002-0291	To 0294 -	Date: 04/02/85	•••••
Title, llatter station that 115	I Properties form does not believe itself to be	· · Potentially Bernanikia	
Party, with a 107(a) No	otice Letter attached)	e a Potenciality Responsible	<b></b>
	•		
Author: Alberty, Donald L.:	USI Properties Corp., Puerto Rico Division		
Recipient: Font, Jose C.: US	EPA		
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••••••	•••••••••••••••••••••••••••••••••••••••		
Document Number: FRO-002-0278	To 0286	Date: 04/03/85	
Title: (Peerless Tube Company'	s Response to 104(e) Information Request Letter)	n an an an Arran an Arran Na Arran an Arran an Arran	
Type: CORRESPONDENCE			
Author: Vasquez, Ruben F.:	MFV Environmental Planning Consultants		
Recipient: Font, Jose C.: US	EPA		
••••••			•••••
Document Number: FRO-002-0270	To 0277	Date: 04/04/85	
-		•	· <u>-</u>
Title: (Letter reiterating Tec	chnicon's interest in performing the RI/FS)		
Type: CORRESPONDENCE		•	
Author: Davis, Seth A.: Re	vion, Inc.		
Recipient: Praschak, Andrew:	US EPA •	•	
	· · · · · · · · · · · · · · · · · · ·	*******************************	
Document Number: FRO-002-0267	To 0269	Date: 04/23/85	
Title: (Response to a 104(e) I	nformation Request Letter)		
Type: CORRESPONDENCE			
Author: Santiago, Maria E.:	Alcon (Puerto Rico)		
Recipient: Font, Jose C.: US	EPA		
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Type: CORRESPONDENC	E		
Author: Borrero, Kanu	el: Squibb Manufacturing, Inc.	• •	
Recipient: font, Jose C.	: US EPA -		
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Document Number: FRO-002	- 0253 To 0266	Date: 04/30/85	
Title: (Response to a 10	<pre>X(e) Information Request Letter)</pre>	• ·	
Type: CORRESPONDENC	E		-
Author: Borrero, Hanu	el: Squibb Manufacturing, Inc.		
Recipient: Walka, Richar	d M.: US EPA		
N		A4 /43 /45	•••••
Vocument Runder: PKU-002		Vale: 00/12/00	
litle: (Letter forwardin	ng documents requested through the Freedom of Inform	ation Act)	
Type: CORRESPONDENC	E		
Condition: MISSING ATTAC	HMENT		
Author: Ogg, Robert N	1.: US EPA unda lana A : Comeda Samabar-Batanian P tidan		
Recipient: Rooriguez-Gep	ROA, JOSE A.: LEPROA, SANCHEZ-BELANIES, & SITTE		
Document Number: FRO-001	-0458 To 0563		•••••
Title, familing Join Pen	ort Forward Republical Investigation of Civity Coint	inne franken frank fin	
Humacao, Puerto R	ico	iona, rrontera Greek Site,	
Type: REPORT			
Author: Knutson, Jero	me C.: NUS Corporation		
Recipient: none: US EPA	•		
		•••••••••••••••••••••••••••••••••••••••	
Document Number: FRO-002	-0465 10 0476	Date: 07/30/85	
Title: (Letter forwardin	g the enclosed scientific review document concernin	g quality assurance and	
replicability of	the Environment Quality Scard Laboratory values)		
Type: CORRESPONDENC	E		
Author: Houk, Vernon	N.: Agency for Toxic Substances & Disease Registry	(ATSDR)	
Recipient: Daggett, Chri	stopher J.: US EPA		

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Document Number: FRO-0	01-2466 To 2467		Date: 08/21/85	
Title: (Letter discuss community of Ci	ing environmental samplir udad Cristiana)	ng near the Frontera Creek Superfu	nd site, around the	
Type: CORRESPONDE	RCE		••	
Author: Daggett, Ch Recipient: Mora, Luis	ristopher J.: US EPA Izquierdo: Department of	Health, Commonwealth of Puerto R	lico	
Document Number: FRO-0		Parent: FRO-001-2460	Date: 02/12/86	
	· · · · · · · · · · · · · · · · · · ·		•	
Title: (Letter stating	concerns about the clean	-up of the Frontera Creek site)		<del>-</del> •.
Type: CORRESPONDE	NCE	<b>M</b> • <b>9 9 1 0 1 0</b>	and a start of the second s	
Recipient: Gelabert, P	ez, Effain: Asociacion P edro A.: US EPA	rormejoramiento del Ambiente		
•••••			* * * * * * * * * * * * * * * * * * * *	•••••••
Document Number: FRO-0	01-2460 To 2462		Date: 02/21/86	
Title: (Letter pertain remedial respon	ing to the investigation ase is to be implemented a	of the contamination and the dete t the site)	rmination of which	
Type: CORRESPONDE	NCE			•
Author: Gelabert, P	edro A.: US EPA			
Attached: FRO-001-246	ez, Efrain: Asociación 9 3	ro-Nejoramiento del Ambiente		
Document Number: FRO-0	02-0635 To 0635	Parent: FRO-002-0634	Date: 03/10/86	• • • • • • • • • • • • • • • • • • • •
•**	** * * * * * * *	· · · · · · · · · · · · · · · · · · ·	•	=
Hitle: (Letter request	ing meeting with EPA to d	iscuss the Frontera Greek site)		
Type: CORRESPONDE	NCE			-
Author: Rivera, Bet	hsaida: Ciudad Cristiana	Steering Committee		
Kecipient: Daggett, Ch	FISTOPHER J.: US EPA			
Document Number: FRO-0	01-2436 To 2436	Parent: FRO-001-2433	Date: 04/23/86	•••••
Title, (Letter compart	ins a come of the MIR Hor	r Blan for the fronters front eig	- B1/801	
Title: (Letter Tequest		k real for the righters there sid	E K1/73)	
Type: CORRESPONDE	NCE			
Author: Negron-Nava Recipient: Gelabert, P	s, Eduardo N.: Fiddler, ( edro A.: US EPA	Gonzalez, Rodriguez		

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Document Number: FRO-00	2-0634 To 0634	Date: 05/08/86	•
Title: (Letter respondi	ng to a March 10, 1986, letter which requ	uested meeting with EPA)	
Type: CORRESPONDEN	E	•	
Author: Librizzi, Wi	lliam J.: US EPA	••	
Recipient: Rivera, Beth Attached: FRO-002-0635	saida: Urbanization Quintas de Humacao -		
Document Number: FRO-DO	2-0632 To 0632	Date: 05/13/86	•••••
Title: (Letter regarding	public meeting to discuss the Remedial	Investigation/Feasibility Study Work	
Plan for the Fro	ntera Creek site)	• •	<b>.</b> •
Type: CORRESPONDEN	CE		
Author: Gelabert, Pe	STO A.: US EPA		
Recipient: Izquierdo-Mo	s, Luis: PR Dept of Health		
Document Number: FRO-00	2-0633 To 0633	Date: 05/13/86	•••••••••••••••
			• .
Title: (Letter regarding	g public meeting to discuss the Remedial	Investigation/feasibility Study Work	
Plan to: Lie riv	itera Greek Siley		
Type: CORRESPONDEN			
Author: Gelabert, Per	dro A.: US EPA		
Recipient: Rohena-Betan	court, Santos: Environmental Quality Boa	rd PR	
Designed Numbers SPO-00		nc /70 /0/	•••••••••••••••••
		vare: 03/30/88	
Title: (Letter forwardi) document)	ng a copy of the Addendum to the Center f	or Disease Control Scientific Review	
and a second			
Type: CORRESPONDEN			
Author: Font Joes C	LI US EPA		
Recipient: Rohena-Betan	court, Santos: Environmental Quality Boa	rd PR	
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	S = = = = = = = = = = = = = = = = = = =		*************************************		
ocument Number: FRO-001-	·2459 To 2459		Date: 06/02/86		
itle: (Letter forwarding	g a copy of the Work Plan	for the Fronters Creek	k site for review and commen	t)	
Type: CORRESPONDENCE	Ē				
condition: HISSING ATTACH	KMENT		••		
Author: Librizzi, Will	liam J.: US EPA				
lecipient: Kiggins, Juan	Miguel: Nayor, Municipa	lity of Humacao		. '	
		Bassas - 500-001-1	At 105 101	•••••	
ocument Number: PRU-001-	2434 10 2433	Parent: PRU-UUI-2	(433 Date: 06/05/86	•	
itle: (Letter stating th	hat Revion's subsidiary,	Technicon Electronics C	Corporation, would like to	- ·	
perform the RI/FS)	)				
Type: CORRESPONDENCE	e de la construcción de la constru En este de la construcción de la con				
Author: Davis, Seth A.	.: Revion, Inc.				
ecipient: Daggett, Chris	stopher J.: US EPA				
				•••••	
ocument Number: FRO-001-	2438 To 2440		Date: 06/05/86	<del>ن</del> :	
	a Work Plan and request	ing comments, also givi	ng notification of status		
itle: (Letter submitting	· · · · · ·		•		
itle: (Letter submitting as a Potentially R	tesponsible Party)		· · · · ·		
itle: (Letter submitting as a Potentially R	(esponsible Party)		•		
itle: (Letter submitting as a Potentially R Type: CORRESPONDENCE	Responsible Party)				
itle: (Letter submitting as a Potentially R Type: CORRESPONDENCE Condition: MISSING ATTACH	Responsible Party) E (MENT				
itle: (Letter submitting as a Potentially R Type: CORRESPONDENCE Condition: MISSING ATTACH Author: Harti, Noelia:	Responsible Party) E (MENT : US EPA				
itle: (Letter submitting as a Potentially R Type: CORRESPONDENCE Condition: MISSING ATTACH Author: Marti, Noelia: Action: Davis, Seth A.	Responsible Party) E HMENT : US EPA : Technicon Electronics	Corporation		•	
itle: (Letter submitting as a Potentially R Type: CORRESPONDENCE Condition: MISSING ATTACH Author: Marti, Noelia: Secipient: Davis, Seth A.	Responsible Party) E HMENT : US EPA : Technicon Electronics	Corporation			
itle: (Letter submitting as a Potentially R Type: CORRESPONDENCE Condition: MISSING ATTACH Author: Marti, Noelia: Secipient: Davis, Seth A.	Responsible Party) E HMENT : US EPA : Technicon Electronics 2458 To 2458	Corporation	Date: 06/06/86		
itle: (Letter submitting as a Potentially R Type: CORRESPONDENCE Condition: MISSING ATTACH Author: Marti, Noelia: Author: Davis, Seth A. Nocument Number: FRO-001- Title: (Letter forwarding	Responsible Party) E HMENT : US EPA : Technicon Electronics 2458 To 2458 ; the revised Work Plan fo	Corporation	Date: 06/06/86 ite)	•••••	
itle: (Letter submitting as a Potentially R Type: CCRRESPONDENCE Condition: MISSING ATTACH Author: Marti, Noelia: Necipient: Davis, Seth A. Nocument Number: FRO-001- itle: (Letter forwarding Type: CORRESPONDENCE	Responsible Party) E HMENT : US EPA : Technicon Electronics 2458 To 2458 The revised Work Plan fo	Corporation	Date: 06/06/86 ite)		
itle: (Letter submitting as a Potentially R Type: CORRESPONDENCE Condition: MISSING ATTACH Author: Marti, Noelia: Necipient: Davis, Seth A. Nocument Number: FRO-001- itle: (Letter forwarding Type: CORRESPONDENCE Condition: MISSING ATTACH	Responsible Party) E HMENT : US EPA : Technicon Electronics 2458 To 2458 } the revised Work Plan for HMENT	Corporation pr the Frontera Creek s	Date: 06/06/86 ite)		
<pre>itle: (Letter submitting</pre>	Responsible Party) HENT US EPA Technicon Electronics 2458 To 2458 the revised Work Plan for MENT US EPA	Corporation or the Frontera Creek s	Date: 06/06/86 ite)	•	
itle: (Letter submitting as a Potentially R Type: CCRRESPONDENCE Condition: MISSING ATTACH Author: Marti, Noelia: lecipient: Davis, Seth A. Hocument Number: FRO-001- itle: (Letter forwarding Type: CDRRESPONDENCE Condition: MISSING ATTACH Author: Font, Jose C.: ecipient: Grau, Jose Orl	Responsible Party) E HMENT : US EPA : Technicon Electronics 2458 To 2458 } the revised Work Plan for HMENT : US EPA ando: Casillas & Grau	Corporation or the Frontera Creek s	Date: 06/06/86 ite)		
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)ocument Number: FRO-002-0248 To 0	248		Date: 06/13/86		
litle: (Letter certifying that mer	cury is not used at the Reedco	plant)			
Type: CORRESPONDENCE					
Author: 1rizarry, William M.: Recipient: Perez, Gil: Occupation	Reedco, Inc. Wal Safety and Health Office		••		
	-				
Document Number: FRD-D01-2441 To 2	2441		Date: 06/25/86	· · ·	
Title: (Letter requesting a 30-day	extension in which to comment	on the Work Plan)	•		
					<b></b> ·
Author: Davis, Seth A.: Revion	, Inc.				
Recipient: Harti, Noelia: US EPA					
				* * * * * * * * * * * *	• • • • • •
Jocument Number: FRO-001-2442 To 2	442	•	Date: 06/25/86		
litle: (Letter stating that commen	its to the Work Plan will be pr	ovided prior to July	( 17, 1986)		
Type: CORRESPONDENCE					
Author: Halak, John J.: Block	Drug Company, Inc.				
Recipient: Marti, Noelia: US EPA					
				• • • • • • • • • • •	
Document Number: FRO-001-2431 To 2	431 Parent: F	R0-001-2404	Date: 07/16/86		
litle: (Letter giving an extension	of time to comment on the RI/	FS Work Plan for the	Frontera Creek		
site) -					•
Type: CORRESPONDENCE					
	US EPA	· · · · ·			
Author: Librizzi, William J.:	anization Quintas de Humacao				
Author: Librizzi, William J.: Recipient: Rivera, Bethsaida: Urb	•				
Author: Librizzi, William J.: Recipient: Rivera, Bethsaida: Urb	•				
Author: Librizzi, William J.: Recipient: Rivera, Bethsaida: Urb Document Number: FRO-001-2437 To 2	-		Date: 08/07/86	••••	•
Author: Librizzi, William J.: Recipient: Rivera, Bethsaida: Urb Document Number: FRO-001-2437 To 2 Fitle: (Letter forwarding a copy o	437 of Reedco, Inc.'s comments on th	he Work Plan for the	Date: 08/07/86 R1/FS)		•••••
Author: Librizzi, William J.: Recipient: Rivera, Bethsaida: Urb Document Number: FRO-001-2437 To 2 Fitle: (Letter forwarding a copy o Type: CORRESPONDENCE	437 If Reedco, Inc.'s comments on th	he Work Plan for the	Date: 08/07/86 R1/FS>		F
Author: Librizzi, William J.: Recipient: Rivera, Bethsaida: Urb Document Number: FRO-001-2437 To 2 Title: (Letter forwarding a copy o Type: CORRESPONDENCE Condition: MISSING ATTACHMENT	437 of Reedco, Inc.'s comments on th	he Work Plan for the	Date: 08/07/86 R1/FS)		FRO
Author: Librizzi, William J.: Recipient: Rivera, Bethsaida: Urb Document Number: FRO-001-2437 To 2 Title: (Letter forwarding a copy o Type: CORRESPONDENCE Condition: MISSING ATTACHMENT Author: Font, Jose C.: US EPA	437 of Reedco, Inc.'s comments on th	he Work Plan for the	Date: 08/07/86 R1/FS)	•	FRO
Author: Librizzi, William J.: Recipient: Rivera, Bethsaida: Urb Document Number: FRO-001-2437 To 2 Nitle: (Letter forwarding a copy o Type: CORRESPONDENCE Condition: MISSING ATTACHMENT Author: Font, Jose C.: US EPA Necipient: Mandelbaum, David G.:	437 of Reedco, Inc.'s comments on t Wolf, Block, Schorr, and Solis	he Work Plan for the	Date: 08/07/86 R1/FS)		FRO 002
Author: Librizzi, William J.: Recipient: Rivera, Bethsaida: Urb Document Number: FRO-001-2437 To 2 Nitle: (Letter forwarding a copy o Type: CORRESPONDENCE Condition: MISSING ATTACHMENT Author: Font, Jose C.: US EPA Lecipient: Mandelbaum, David G.:	437 of Reedco, Inc.'s comments on ti Wolf, Block, Schorr, and Solis	he Work Plan for the	Date: 08/07/86 R1/FS>		FRO 002 (

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Document Number: FRO-001-2433 To 243	3		Date: 08/	15/86	
Title: (Letter summarizing the discu	ussion at a July 17, 1	986, meeting at EPA	)		
Type: CORRESPONDENCE					
Author: Marshall, Jâmes R.: US E	IPA		· · •	· · ·	
Recipient: Davis, Seth A.: Revlon,	Inc.		· · ·		
Attached: FRO-001-2434 FRO-001-24					
Document Number: FRO-002-0246 To 024	7		Date: 08/	15/86	•••••••••••••••••••••••••••••••••••••••
Title: (Letter notifying Revion that	an informational meet	ting was held on Ju	ly 17, 1986, at wh	ich	
time keyton's proposat to con	DUCT THE KITTS Was act	cepted)			, <b></b>
Type: CORRESPONDENCE		•			
Author: Marshall, James R.: US E	PA				
Recipient: Davis, Seth A.: Revion,	Inc.				
••••••					
Document Number: FRO-DO2-0464 To 046	7		Date: 08/	18/86	
Title: (Memo discussing review of la Ciudad Cristiana)	boratory analyses of b	piological samples,	Frontera Creek si	te,	
Type: CORRESPONDENCE					
Author: Lybarger, Jeffrey A.: Ag	ency for Toxic Substar	ces & Disease Regis	try (ATSDR)		
Recipient: Nelson, William Q.: Agen	cy for Toxic Substance	s & Disease Registr	Y (ATSDR)		
	 E	•••••		· • • • • • • • • • • • • • • • • • • •	•••••
			Date: 06/1	0/00	
Title: (Response to a 104(e) Request	for Information Lette	r)			
Type: CORRESPONDENCE					:
Author: Peterson, Alonso: April	Industries, Inc.		•		
Recipient: Demel, Morris: US EPA	•				
		*****			
	3 Par	ent: FRO-001-2131	Date: 09/0	1/86	
Document Number: FRO-D01-2132 To 233					
Document Number: FRO-D01-2132 To 233 Title: Work Plan for the Remedial Inv Puerto Rico	vestigation/Feasibilit	y Study of the Fron	tera Creek Site, H	umacao,	
Document Number: FRO-D01-2132 To 233 Title: Work Plan for the Remedial In Puerto Rico	vestigation/Feasibilit	y Study of the Fron	tera Creek Site, H	umacao,	1
Document Number: FRO-D01-2132 To 233 Title: Work Plan for the Remedial In Puerto Rico Type: PLAN Author: Dowiak Mark J.: NUS Corr	vestigation/Feasibilit	y Study of the Fron	tera Creek Site, H	umecao,	FRO
Document Number: FRO-D01-2132 To 233 Title: Work Plan for the Remedial In Puerto Rico Type: PLAN Author: Dowiak, Mark J.: NUS Corj Recipient: none: none	vestigation/Feasibilit poration	y Study of the Fron	tera Creek Site, H	umacao,	FRO
Document Number: FRO-D01-2132 To 233 Title: Work Plan for the Remedial In Puerto Rico Type: PLAN Author: Dowiak, Mark J.: NUS Corj Recipient: none: none	vestigation/Feasibilit poration	y Study of the Fron	tera Creek Site, H	umecao,	FRO 00
Document Number: FRO-D01-2132 To 233 Title: Work Plan for the Remedial In Puerto Rico Type: PLAN Author: Dowiak, Mark J.: NUS Corj Recipient: none: none	vestigation/Feasibilit poration	y Study of the Fron	tera Creek Site, H	umacao,	FRO 002
Document Number: FRO-D01-2132 To 233 Title: Work Plan for the Remedial In Puerto Rico Type: PLAN Author: Dowiak, Mark J.: NUS Corp Recipient: none: none	vestigation/Feasibilit poration	y Study of the Fron	tera Creek Site, H	umacao,	FRO 002 0

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Document Number: FRO-001-2404 To 2430	)*	Date: 09/17/86	-
Title: (Letter, in Spanish, discussin Frontera Creek site)	g the causes of mercury contaminatio	$\boldsymbol{n}$ of soil and water at the	:
Type: CORRESPONDERCE	•		
Recipient: Ortiz, Gilberto Rivera: C Attached: FRO-001-2431	comision Especial sobre la investigac	ion de Ciudad Cristiana	
Document Number: FRO-001-2131 To 2131	•	Date: 09/24/86	*************
Title: (Letter forwarding copies of t Frontera Creek site)	he Remedial Investigation/Feasibilit	y Study (RI/FS) for the	
Type: CORRESPONDENCE			
Recipient: Font, Jose C.: US EPA Attached: FRO-001-2132			
Document Number: fR0-001-2380 To 2384	Parent: FRO-001-23	79 Date: 10/03/86	*************
Title: (Letter containing the Corps o regarding the Ciudad Cristiana	f Engineers' action, carried out unde controversy)	er its Regulatory Program,	
TYPE - CORRESPONDENCE		•	
Condition: MISSING ATTACHMENT			
Author: none: US Army Corps of En	gineers	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
Recipient: Ortiz, Gilberto Rivera: S	enator, Legislature of Puerto Rico		
		••••••••••••••••••••••••••	
Document Number: FRO-002-0191 To 0221		Date: 10/03/86	
Title: Administrative Order on Consen	t		
Type: LEGAL DOCUMENT	•		
Author: Daggett, Christopher J.: 1	US EPA		
Recipient: Davis, Seth A.: Revion, I	nc.		

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	FRONTEDA	CREEK SITE Doctmonte		Page: 17
		CREEK STIE DUCUIENES		
	***************************************	***************************************	***************************************	***********
	Document Number: FRD-002-0448 To 0448		Date: 10/16/86	
	Title: (Letter appointing a Facility Coordina	tor pursuant to the Administrati	ve Order on Consent)	
	Type: CORRESPONDENCE			
	Author: Davis, Seth A.: Senado de Puerto (	Rico	••	
	Recipient: none: US EPA			
		-		
	Document Number: FRO-001-2399 To 2400	Parent: FR0-001-2395	Date: 10/20/86	••••••
		•		· .
	Title: (Letter, in Spanish, inviting participa	stion in an advisory committee e	stablished by Revlon_	
	to study the Frontera Creek site)			<b>-</b> ·
	TYDE: CORRESPONDENCE			
	Author: Negron-Navas, Eduardo M.: Fiddler.	Gonzalez, Rodriguez		
	Recipient: Grau. Jose Driando: none	, workerer, kod iger		
		•••		
				• • • • • • • • • • • • • • • • • • • •
	Document Number: FRD-002-0440 To 0447		Date: 11/07/86	
	Title: (Letter confirming that the Administrat	ive Order has been carried out)		
	• • • • • • • • • • • • • • • • • • • •	······································		
	Type: CORRESPONDENCE			
	Author: Davis, Seth A.: Revion, Inc.			
	Recipient: none: US EPA			
	Document Number: FRD-001-2386 To 2389	•••••••••••••••••••••••••••••••••••••••	Date: 11/20/86	************
			Date: 11/20/00	• • •
	Title: (Letter, in Spanish, inviting participa	tion in an advisory committee es	stablished by Revion	. <b></b>
	to study the Fronters Creek site)			
	Type: CORRESPONDENCE	· · · · · · · · · · · · · · · · · · ·		
	Author: Negron-Navas, Eduardo N.: Fiddler,	Gonzalez, Rodriguez	•	
	Recipient: Ortiz, Gilberto Rivera: Senado de	Puerto Rico		
	4+++	·	•	
	Attached: PRO-001-2370			
	Document Number: FRO-001-2390 To 2391	Parent: FR0-001-2386	Date: 11/20/86	••••
	Document Number: FRO-001-2390 To 2391 Title: (Letter, in Spanish, inviting participa	Parent: FRO-001-2386	Date: 11/20/86	•••••
	Document Number: FRO-001-2390 To 2391 Title: (Letter, in Spanish, inviting participa to study the Fronters Creek site)	Parent: FRO-001-2386	Date: 11/20/86	 ۲
	Document Number: FRO-001-2390 To 2391 Title: (Letter, in Spanish, inviting participa to study the Frontera Creek site)	Parent: FRO-001-2386	Date: 11/20/86	FINO
	Document Number: FRO-001-2390 To 2391 Title: (Letter, in Spanish, inviting participa to study the Frontera Creek site) Type: CORRESPONDENCE	Parent: FRO-001-2386	Date: 11/20/86	FINO
	Attached: FRO-001-2390 Document Number: FRO-001-2390 To 2391 Title: (Letter, in Spanish, inviting participa to study the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler,	Parent: FRO-001-2386 tion in an advisory committee es Gonzalez, Rodríguez	Date: 11/20/86	FRO
	Attached: FR0-001-2390         Document Number: FR0-001-2390         Title: (Letter, in Spanish, inviting participa to study the Frontera Creek site)         Type: CORRESPONDENCE         Author: Negron-Navas, Eduardo M.: Fiddler,         Recipient: none: Mision Industrial de Puerto	Parent: FRO-001-2386 tion in an advisory committee es Gonzalez, Rodríguez Rico, Inc.	Date: 11/20/86	FKO OUZ
	Document Number: FRO-001-2390 To 2391 Title: (Letter, in Spanish, inviting participa to study the Frontera Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Recipient: none: Mision Industrial de Puerto	Parent: FRO-001-2386 tion in an advisory committee es Gonzalez, Rodriguez Rico, Inc.	Date: 11/20/86	FRO UU2
•	Document Number: FRO-001-2390 To 2391 Title: (Letter, in Spanish, inviting participa to study the Fronters Creek site) Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Fiddler, Recipient: none: Mision Industrial de Puerto	Parent: FRO-001-2386 tion in an advisory committee es Gonzalez, Rodriguez Rico, Inc.	Date: 11/20/86	FRO DUZ VO

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Document Number: FRO-001-2392 To 2394	Date: 11/20/86
Title: (Letter, in Spanish, inviting participation in an advisory	committee established by Revlon
to study the righter of eek sitey	
Type: CORRESPONDENCE	••
Author: Negron-Navas, Eduardo N.: Fiddler, Gonzalez, Rodrigue: Recipient: Rohena-Betancourt, Santos: Junta de Calidad Ambiental	
ocument Number: FRO-001-2395 To 2398 -	Date: 11/20/86
Title: (Letter, in Spanish, inviting participation in an advisory to study the Frontera Creek site)	committe established by Revlon -
Type: CORRESPONDENCE	
Author: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez	
Recipient: Ruiz, Juan: Asociacion Pro-Hejoramiento del Ambiente Attached: FRO-001-2399	
ocument Number: FRO-001-2401 To 2403	Date: 11/20/86
title: (letter in Spanish inviting participation in an advisory	committee established by Poylon
to study the Frontera Creek site)	Committee Stabilianed by Revion
Type: CORRESPONDENCE	
Author: Negron-Navas, Eduardo N.: Fiddler, Gonzalez, Rodriguez	
lecipient: Mora, Luís Izquierdo: Departmento de Salud	
locument Number:-FR0-001-2385 To 2385	Date: 01/19/87
itle: (Letter, in Spanish, regarding the coordination of a commit by Mision Industrial de Puerto Rico, Inc., to discuss the F	tee of scientists put together rontera Creek site)
Type: CORRESPONDENCE	
Author: Meyn, Marianne: Mision Industrial de Puerto Rico, Inc.	
lecipient: Negron-Navas, Eduardo M.: Fiddler, Gonzalez, Rodriguez	

FRO 002 0826

08/13/91 Index Chron FRONTERA CR	nological Order REEK SITE Documents		Page: '
Document Number: FRO-002-0631 To 0631		Date: 02/06/87	•
Title: (Letter confirming a meeting scheduled or to be used at the Frontera Creek site)	n February 19, 1987, to discuss t	he "Residents Fund"	
Type: CORRESPONDENCE		••	
Author: Font, Jose L.: US EFA Recipient: Rivera, Bethsaida: Urbanization Quir	ntas de Humacao		
	•••••••••••••••••••••••••••••••••••••••		
locument Number: FRO-002-0233 To 0233	•	Date: 02/20/87	
itle: (Letter confirming that Dynamac will be a	allowed to review 104(e) response:	\$)	<b></b> •
Type: CORRESPONDENCE			
Author: Davis, Seth A.: Revion, Inc. ecipient: Font, Jose C.: US EPA			
locument Number: FRO-001-2379 To 2379	•••••••••••••••••••••••••••••••••••••••	Date: 03/18/87	•••••••
itle: (Letter, in Spanish, expressing the Fesio Type: CORRESPONDENCE Author: Sepulveda, Jose: Portavoz Comite Tiπ Recipient: Font, Jose C.: US EPA Attached: FRO-D01-2380	dents' concern about the Frontera non Ex-Residentes Cuidad Cristiana	Creek site) B	
Document Number: FRO-001-2475 To 2483		Date: 05/01/87	
litle: (Letter expressing concern about EPA's ha	andling of the Frontera Creek site	2)	·-
Type: CORRESPONDENCE Author: Singmaster III, James A.: none			
designent: Daggett, Enristopher J.: US EFA	•		
Document Number: FRO-001-2375 To 2375	Parent: FR0-001-2373	Date: 05/01/87	••••••••••••••
itle: (Letter forwarding attached material pert site, and requesting that EPA take additi	aining to Cuidad Cristiana and th Ional action)	e Frontera Creek	
Type: CORRESPONDENCE Author: Singmaster III, James A.: none	•		
Recipient: Daggett, Christopher J.: US EPA		•	• • •

	FRONTERA CREEK SITE Dog	uments		
***********************	***************************************	**********************		**********
Document Number: FRO-001-23	73 To 2374		Date: 06/08/87	
litle: (Letter stating acti	vities that will occur when Revio	m performs the RI/FS at	t the Frontera	
Creek site)				
Type: CORRESPONDENCE			••	ан 1917 - Ал
Author: Luftig, Stephen I	D.: US EPA			
Attached: FRO-001-2375 F	R0-001-2376			
ocument Number: FRO-002-02	24 To 0227 -	************************	Date: 06/24/87	****
Title: (Letter on behalf of Letters to all Poten	Reedco, Inc., expressing concerr tially Responsible Parties)	about EPA's failure to	issue Notice	-
Type: CORRESPONDENCE		1 . <b>.</b>		
Author: Nucciarone, A. P.	atrick: Hannoch Weismah			
lecipient: Luftig, Stephen	D.: US EPA			•
	•••••••	•••••••		
ocument Number: FRO-002-02	28 To 0232		Date: 07/09/87	
itle: (Letter forwarding c not be named a Poten	orrespondence which contains info tially Responsible Party)	rmation stating why Ree	deo, Inc., should	
Author: Nucriarope A. P	atrick: Hannoch Weisman			
lecipient: Luftig, Stephen I	D.: US EPA			
••••••	• • • • • • • • • • • • • • • • • • • •	•••••••		
ocument Number: FRO-001-23	71 To 2372 Paren	t: FRO-001-2368	Date: 07/24/87	
itle: (Letter requesting in Inc., property to co	nformation prior to granting EPA llect samples for chemical analys	permission to enter Squ is)	ibb Manufacturing,	
	•			• .
Author: Cepeda-Rodriguez	, Jose A.: Goldman & Antonetti			
ecipient: Lipsky, David: 1	Dynamac Corporation	•	•	

PRO 002 0828

	FRONTERA CREEK SITE D	ocuments		Page:
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Document Number: FRO-001-0090 To	0457		Date: 08/17/87	.•
Title: Draft Site Operations Plan	n, Revion Inc., Frontera C	Creek Site, Humacao, Pu	uerto Rico	
Type: PLAN				
Condition: DRAFT				
Author: none: Dynamac Corpora	ation			
Recipient: none: US EPA	-			
Occument Number: FRO-001-2369 To	2370 Par	ent: FRO-001-2368	Date: 08/20/87	••••••
litle: (letter addressing concern	ns about Revion's proposed	sampling plan for the	Souibb Manufacturing	
facility at the Frontera C	Treek site)			-
Author: Lipsky, David: Dyname	c Corporation			
Recipient: Cepeda-Rodriguez, Jose	A.: Goldman & Antonetti			
	• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • •
Document Number: FRO-001-2368 To	2368		Date: 10/05/87	
Title: (Letter on behalf of Squib consultant presents certai	b Manufacturing, Inc., st in discrepancies with NUS	ating that information Corporation's Work Pla	a provided by Revlan's	
Title: (Letter on behalf of Squib consultant presents certai Type: CORRESPONDENCE	bb Manufacturing, Inc., st in discrepancies with NUS	ating that information Corporation's Work Pla	a provided by Revlon's m)	
Title: (Letter on behalf of Squib consultant presents certai Type: CORRESPONDENCE Author: C peda-Rodriguez, Jose	bb Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti	ating that information Corporation's Work Pla	a provided by Revlan's m)	
Title: (Letter on behalf of Squib consultant presents certai Type: CORRESPONDENCE Author: Copeda-Rodriguez, Jose Recipient: Luftig, Stephen D.: L	bb Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti US EPA	ating that information Corporation's Work Pla	a provided by Revlan's n)	
Title: (Letter on behalf of Squib consultant presents certai Type: CORRESPONDENCE Author: C-peda-Rodriguez, Jose Recipient: Luftig, Stephen D.: L Attached: FRO-001-2369 FRO-001	bb Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti US EPA 1-2371	ating that information Corporation's Work Pla	a provided by Revlan's m)	
Title: (Letter on behalf of Squib consultant presents certai Type: CORRESPONDENCE Author: C-peda-Rodriguez, Jose Recipient: Luftig, Stephen D.: L Attached: FRO-001-2369 FRO-001	bb Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti US EPA U-2371	ating that information Corporation's Work Pla	a provided by Revlon's	
Title: (Letter on behalf of Squib consultant presents certai Type: CORRESPONDENCE Author: Copeda-Rodriguez, Jose Recipient: Luftig, Stephen D.: L Attached: FRO-001-2369 FRO-001 Document Number: FRO-001-2352 To	bb Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti US EPA 1-2371 2353	ating that information Corporation's Work Pla	a provided by Revlan's m) Date: 12/16/87	
Title: (Letter on behalf of Squib consultant presents certai Type: CORRESPONDENCE Author: Copeda-Rodriguez, Jose Recipient: Luftig, Stephen D.: L Attached: FRO-001-2369 FRO-001 Document Number: FRO-001-2352 To Title: (Letter regarding the Janu	bb Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti US EPA 1-2371 2353 Jary 12, 1988, meeting to	ating that information Corporation's Work Pla	a provided by Revlan's m) Date: 12/16/87	
Title: (Letter on behalf of Squib consultant presents certai Type: CORRESPONDENCE Author: Copeda-Rodriguez, Jose Recipient: Luftig, Stephen D.: L Attached: FRO-001-2369 FRO-001 Document Number: FRO-001-2352 To Title: (Letter regarding the Janu Type: CORRESPONDENCE	bb Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti US EPA 1-2371 2353 Wary 12, 1988, meeting to	ating that information Corporation's Work Pla	a provided by Revlon's m) Date: 12/16/87	
Title: (Letter on behalf of Squib consultant presents certai Type: CORRESPONDENCE Author: Copeda-Rodriguez, Jose Recipient: Luftig, Stephen D.: L Attached: FRO-001-2369 FRO-001 Document Number: FRO-001-2352 To Title: (Letter regarding the Janu Type: CORRESPONDENCE Author: Font, Jose C.: US EPA	bb Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti US EPA 1-2371 2353 Wary 12, 1988, meeting to	ating that information Corporation's Work Pla	a provided by Revlan's m) Date: 12/16/87	
<pre>itle: (Letter on behalf of Squib consultant presents certai Type: CCRRESPONDENCE Author: C peda-Rodriguez, Jose Recipient: Luftig, Stephen D.: L Attached: FRO-001-2369 FRO-001 Document Number:_FRO-001-2352 To fitle: (Letter regarding the Janu Type: CCRRESPONDENCE Author: Font, Jose C.: US EPA Recipient: Higgins, Juan Niguel: Attached: FRO-001-2354</pre>	bb Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti US EPA 1-2371 2353 Wary 12, 1988, meeting to Mayor, Municipality of M	ating that information Corporation's Work Pla discuss the Work Plan) umacao	a provided by Revlan's m) Date: 12/16/87	
Type: CCRRESPONDENCE Author: C peda-Rodriguez, Jose Recipient: Luftig, Stephen D.: L Attached: FRO-001-2369 FRO-001 Document Number: FRO-001-2352 To Title: (Letter regarding the Janu Type: CCRRESPONDENCE Author: Font, Jose C.: US EPA Recipient: Higgins, Juan Niguel: Attached: FRO-001-2354	bb Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti US EPA 1-2371 2353 Wary 12, 1988, meeting to Hayor, Municipality of H	ating that information Corporation's Work Pla discuss the Work Plan) umaceo	a provided by Revlan's m) Date: 12/16/87	
<pre>fitle: (Letter on behalf of Squit consultant presents certai Type: CORRESPONDENCE Author: C peda-Rodriguez, Jose Recipient: Luftig, Stephen D.: L Attached: FRO-001-2369 FRO-001 Document Number:_FRO-001-2352 To Fitle: (Letter regarding the Janu Type: CORRESPONDENCE Author: Font, Jose C.: US EPA Recipient: Higgins, Juan Miguel: Attached: FRO-001-2354</pre>	ob Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti US EPA 1-2371 2353 Wary 12, 1988, meeting to Mayor, Municipality of H	ating that information Corporation's Work Pla discuss the Work Plan) umacao	a provided by Revlon's n) Date: 12/16/87	
<pre>fitle: (Letter on behalf of Squit consultant presents certai Type: CORRESPONDENCE Author: C peda-Rodriguez, Jose Recipient: Luftig, Stephen D.: L Attached: FRO-001-2369 FRO-001 Document Number:_FRO-001-2352 To Fitle: (Letter regarding the Janu Type: CORRESPONDENCE Author: Font, Jose C.: US EPA Recipient: Higgins, Juan Niguel: Attached: FRO-001-2354</pre>	bb Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti US EPA 1-2371 2353 Wary 12, 1988, meeting to Mayor, Municipality of H	ating that information Corporation's Work Pla discuss the Work Plan) umaceo	a provided by Revlan's n) Date: 12/16/87	
Title: (Letter on behalf of Squib consultant presents certai Type: CORRESPONDENCE Author: Copeda-Rodriguez, Jose Recipient: Luftig, Stephen D.: L Attached: FRO-001-2369 FRO-001 Document Number: FRO-001-2352 To Title: (Letter regarding the Janu Type: CORRESPONDENCE Author: Font, Jose C.: US EPA Recipient: Higgins, Juan Niguel: Attached: FRO-001-2354	bb Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti US EPA 1-2371 2353 Jary 12, 1988, meeting to Mayor, Municipality of H	ating that information Corporation's Work Pla discuss the Work Plan) umacao	a provided by Revlan's n) Date: 12/16/87	
<pre>fitle: (Letter on behalf of Squit consultant presents certai Type: CORRESPONDENCE Author: C peda-Rodriguez, Jose Recipient: Luftig, Stephen D.: L Attached: FRO-001-2369 FRO-001 Document Number:_FRO-001-2352 To fitle: (Letter regarding the Janu Type: CORRESPONDENCE Author: Font, Jose C.: US EPA Recipient: Higgins, Juan Miguel: Attached: FRO-001-2354</pre>	bb Manufacturing, Inc., st in discrepancies with NUS e A.: Goldman & Antonetti US EPA 1-2371 2353 Jary 12, 1988, meeting to Mayor, Municipality of H	ating that information Corporation's Work Pla discuss the Work Plan) umacao	a provided by Revlan's n) Date: 12/16/87	

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Document Number: FRO-001-2354 To 2367	Parent: FR0-001-2352	Date: 12/18/87	
Title: (Letters regarding the January 12	, 1988, meeting to discuss the Work Plan)		
Type: CORRESPONDENCE			
Author: Font, Jose C.: US EPA			
Recipient: various: various	•		
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Document Number: FRO-002-0630 To 0630	<b>-</b>	Date: 12/23/87	-
Title: (Letter discussing planned one-da Nork Plan)	y public meeting for the Fronters Creek R	emedial investigation	_
Type: CORRESPONDENCE		· · ·	
Author: Font. Jose C.: US EPA			
Recipient: Sepulveda, Jose: Ciudad Cris	tiana Steering Committee		
		***********************	
Document Number: FRD-DD2-D629 To D629 Title: (Letter scheduling public meeting	to present Work Plan for the Frontera Cr	Date: 12/28/87 eek Remedial Investigation)	
Document Number: FRD-DD2-0629 To 0629 Title: (Letter scheduling public meeting Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos: En Recipient: Font, Jose C.: US EPA	to present Work Plan for the Frontera Cr nvironmental Quality Board PR	Date: 12/28/87 eek Remedial Investigation)	
Document Number: FRD-DD2-0629 To 0629 Title: (Letter scheduling public meeting Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos: En Recipient: Font, Jose C.: US EPA	to present Work Plan for the Frontera Cr nvironmental Quality Board PR	Date: 12/28/87 eek Remedial Investigation)	
Document Number: FRO-DO2-0629 To 0629 Title: (Letter scheduling public meeting Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos: Er Recipient: Font, Jose C.: US EPA Document Number: FRO-002-0510 To 0512	to present Work Plan for the Frontera Cr nvironmental Quality Board PR	Date: 12/28/87 eek Remedial Investigation) Date: 01/12/88	
Document Number: FRO-DO2-0629 To 0629 Title: (Letter scheduling public meeting Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos: Er Recipient: Font, Jose C.: US EPA Document Number: FRO-002-0510 To 0512 Title: (Attendance list for Frontera Cres	to present Work Plan for the Frontera Cr nvironmental Quality Board PR ek Public Meeting held on January 12, 1980	Date: 12/28/87 eek Remedial Investigation) Date: 01/12/88	
Document Number: FRD-D02-0629 To 0629 Title: (Letter scheduling public meeting Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos: En Recipient: Font, Jose C.: US EPA Document Number: FRD-002-0510 To 0512 Title: (Attendance list for Frontera Cred	to present Work Plan for the Frontera Cr nvironmental Quality Board PR ek Public Meeting held on January 12, 1984	Date: 12/28/87 eek Remedial Investigation) Date: 01/12/88 3)	
Document Number: FRO-DO2-0629 To 0629 Title: (Letter scheduling public meeting Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos: Es Recipient: Font, Jose C.: US EPA Document Number: FRO-002-0510 To 0512 Title: (Attendance list for Frontera Crea Type: CORRESPONDENCE	to present Work Plan for the Frontera Cr nvironmental Quality Board PR ek Public Meeting held on January 12, 1986	Date: 12/28/87 eek Remedial Investigation) Date: 01/12/88 8)	
Document Number: FRD-DD2-0629 To 0629 Title: (Letter scheduling public meeting Type: CDRRESPONDENCE Author: Rohena-Betancourt, Santos: En Recipient: Font, Jose C.: US EPA Document Number: FRO-002-0510 To 0512 Title: (Attendance list for Frontera Cree Type: CORRESPONDENCE Author: none: US EPA	to present Work Plan for the Frontera Cr nvironmental Quality Board PR ek Public Meeting held on January 12, 1986	Date: 12/28/87 eek Remedial Investigation) Date: 01/12/88 8)	
Document Number: FRO-DO2-0629 To 0629 Title: (Letter scheduling public meeting Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos: En Recipient: Font, Jose C.: US EPA Document Number: FRO-002-0510 To 0512 Title: (Attendance list for Frontera Crea Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none	to present Work Plan for the Frontera Cr nvironmental Quality Board PR ek Public Meeting held on January 12, 1984	Date: 12/28/87 eek Remedial Investigation) Date: 01/12/88 B)	•
Document Number: FRD-D02-0629 To 0629 Title: (Letter scheduling public meeting Type: CDRRESPONDENCE Author: Rohena-Betancourt, Santos: Er Recipient: Font, Jose C.: US EPA Document Number: FRO-002-0510 To 0512 Title: (Attendance list for Frontera Cree Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none	to present Work Plan for the Frontera Cr nvironmental Quality Board PR ek Public Meeting held on January 12, 1984	Date: 12/28/87 eek Remedial Investigation) Date: 01/12/88 3)	
Document Number: FRO-DO2-0629 To 0629 Title: (Letter scheduling public meeting Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos: Ef Recipient: Font, Jose C.: US EPA Document Number: FRO-002-0510 To 0512 Title: (Attendance list for Frontera Cree Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none	to present Work Plan for the Frontera Cr nvironmental Quality Board PR ek Public Meeting held on January 12, 1984	Date: 12/28/87 eek Remedial Investigation) Date: 01/12/88 B) Date: 01/12/88	
Document Number: FRO-DO2-0629 To 0629 Title: (Letter scheduling public meeting Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos: En Recipient: Font, Jose C.: US EPA Document Number: FRO-002-0510 To 0512 Title: (Attendance list for Frontera Crea Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none Document Number: FRO-002-0513 To 0513 Title: (Agenda for Public Meeting, Fronte	to present Work Plan for the Frontera Cr nvironmental Quality Board PR ek Public Meeting held on January 12, 198 	Date: 12/28/87 eek Remedial Investigation) Date: 01/12/88 B) Date: 01/12/88 Jary 12, 1988)	
Document Number: FRO-DO2-0629 To 0629 Title: (Letter scheduling public meeting Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos: En Recipient: Font, Jose C.: US EPA Document Number: FRO-002-0510 To 0512 Title: (Attendance list for Frontera Crea Type: CORRESPONDENCE Author: none: US EPA Recipient: none: None Document Number: FRO-002-0513 To 0513 Title: (Agenda for Public Neeting, Fronte	to present Work Plan for the Frontera Cr nvironmental Quality Board PR ek Public Meeting held on January 12, 1984 	Date: 12/28/87 eek Remedial Investigation) Date: 01/12/88 B) Date: 01/12/88 Jary 12, 1988)	
Document Number: FRO-DO2-0629 To 0629 Title: (Letter scheduling public meeting Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos: En Recipient: Font, Jose C.: US EPA Document Number: FRO-002-0510 To 0512 Title: (Attendance list for Frontera Cree Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none Document Number: FRO-002-0513 To 0513 Title: (Agenda for Public Meeting, Fronte Type: CORRESPONDENCE	to present Work Plan for the Frontera Cr nvironmental Quality Board PR ek Public Meeting held on January 12, 1984 	Date: 12/28/87 eek Remedial Investigation) Date: 01/12/88 B) Date: 01/12/88 Hary 12, 1988)	
Document Number: FRO-DO2-0629 To 0629 Title: (Letter scheduling public meeting Type: CDRRESPONDENCE Author: Rohena-Betancourt, Santos: Er Recipient: Font, Jose C.: US EPA Document Number: FRO-DO2-0510 To 0512 Title: (Attendance list for Frontera Cree Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none Document Number: FRO-D02-0513 To 0513 Title: (Agenda for Public Meeting, Fronte Type: CORRESPONDENCE Author: none: US EPA	to present Work Plan for the Frontera Cr nvironmental Quality Board PR ek Public Meeting held on January 12, 198 	Date: 12/28/87 eek Remedial Investigation) Date: 01/12/88 3) Date: 01/12/88 Jary 12, 1988)	
Document Number: FRO-DO2-0629 To 0629 Title: (Letter scheduling public meeting Type: CORRESPONDENCE Author: Rohena-Betancourt, Santos: Er Recipient: Font, Jose C.: US EPA Document Number: FRO-DO2-0510 To 0512 Title: (Attendance list for Frontera Cree Type: CORRESPONDENCE Author: none: US EPA Recipient: none: none Document Number: FRO-D02-0513 To 0513 Title: (Agenda for Public Meeting, Fronte Type: CORRESPONDENCE Author: none: US EPA Recipient: none: US EPA Type: CORRESPONDENCE Author: none: US EPA	to present Work Plan for the Frontera Cr nvironmental Quality Board PR ek Public Meeting held on January 12, 198 	Date: 12/28/87 eek Remedial Investigation) Date: 01/12/88 5) Date: 01/12/88 Jary 12, 1988)	

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FRONTERA C	REEK SITE Documents				
***************************************	#571328288272#728772#2;;	***************		*******	
Document Number: FRO-002-0520 To 0606	•	D.	ate: 01/12/88		
Title: Public Meeting Transcript - Frontera Cre	ek				
Type: LEGAL DOCUMENT	_				
Author: none: Bonafide Bilingual Reporting Recipient: none: none -	Service		••		
		*********		••••••	
Document Number: FRO-002-0222 To 0223	•	at a Da	ate: 03/18/88		
Title: (Letter, in Spanish, describing the grou	p "Grupo Asesor" and ider	tifying its mer	mbers to EPA)		
Type: CORRESPONDENCE					•
Author: Negron-Navas, Eduardo M.: Fiddler,	Gonzalez, Rodriguez				
Recipient: Font, Jose C.: US EPA					
••••••					
Document Number: FRO-002-0461 To 0463		Di	te: 03/18/88		
Title: (Hemo forwarding the attached Health Con of Persons Residing near the Frontera Cr	sultation entitled "Revie eek Site in Humacao, Puer	w of Biological to Rico")	Mercury lest	ing .	
Title: (Hemo forwarding the attached Health Con of Persons Residing near the Frontera Cr Type: CORRESPONDENCE Author: Lybarger, Jeffrey A.: Agency for To Parinient: Maison William D.: Agency for Toxi	sultation entitled "Revie eek Site in Humacao, Puer xic Substances & Disease	w of Biological to Rico") Registry (ATSDR	)	ing	
Title: (Hemo forwarding the attached Health Con of Persons Residing near the Frontera Cr Type: CORRESPONDENCE Author: Lybarger, Jeffrey A.: Agency for To Recipient: Nelson, William Q.: Agency for Toxi	sultation entitled "Revie eek Site in Humacao, Puer xic Substances & Disease c Substances & Disease Re	w of Biological to Rico") Registry (ATSDR gistry (ATSDR)	)	ing	·
Title: (Hemo forwarding the attached Health Con of Persons Residing near the Frontera Cr Type: CORRESPONDENCE Author: Lybarger, Jeffrey A.: Agency for To Recipient: Nelson, William Q.: Agency for Toxi Document Number: FRO-002-0432 To 0432	sultation entitled "Revie eek Site in Humacao, Puer xic Substances & Disease c Substances & Disease Re	w of Biological to Rico") Registry (ATSDR gistry (ATSDR) Da	() () () () () () () () () () () () () (	ing	
<pre>Title: (Hemo forwarding the attached Health Con</pre>	sultation entitled "Revie eek Site in Humacao, Puer xic Substances & Disease c Substances & Disease Re f Understanding between E	W of Biological to Rico") Registry (ATSDR gistry (ATSDR) Da PA and Squibb M	te: 11/09/88	ing	
<pre>Title: (Hemo forwarding the attached Health Con of Persons Residing near the Frontera Cr Type: CORRESPONDENCE Author: Lybarger, Jeffrey A.: Agency for To Recipient: Nelson, William Q.: Agency for Toxi Document Number: FRO-D02-0432 To 0432 Title: (Letter forwarding proposed Memorandum o Inc., for review and comment) Type: CORRESPONDENCE</pre>	sultation entitled "Revie eek Site in Humacao, Puer xic Substances & Disease c Substances & Disease Re f Understanding between E	W of Biological to Rico") Registry (ATSDR) gistry (ATSDR) Da PA and Squibb M	te: 11/09/88	ing	
<pre>Title: (Hemo forwarding the attached Health Con</pre>	sultation entitled "Revie eek Site in Humacao, Puer xic Substances & Disease c Substances & Disease Re f Understanding between E	W of Biological to Rico") Registry (ATSDR) gistry (ATSDR) Da PA and Squibb M	te: 11/09/88	ing	
<pre>Title: (Hemo forwarding the attached Health Con of Persons Residing near the Frontera Cr Type: CORRESPONDENCE Author: Lybarger, Jeffrey A.: Agency for To Recipient: Nelson, William Q.: Agency for Toxi Document Number: FRO-D02-0432 To 0432 Title: (Letter forwarding proposed Memorandum o Inc., for review and comment) Type: CORRESPONDENCE Author: Simon, Paul: US EPA Recipient: Cepeda-Rodriguez, Jose A.: Goldman i Attached: FRO-002-0433</pre>	sultation entitled "Revie eek Site in Humacao, Puer xic Substances & Disease c Substances & Disease Re f Understanding between E	W of Biological to Rico") Registry (ATSDR gistry (ATSDR) Da PA and Squibb M	te: 11/09/88	ing	<b>.</b>
<pre>Title: (Hemo forwarding the attached Health Con of Persons Residing near the Frontera Cr Type: CORRESPONDENCE Author: Lybarger, Jeffrey A.: Agency for To Recipient: Nelson, William G.: Agency for Toxi Document Number: FRO-D02-0432 To 0432 Title: (Letter forwarding proposed Memorandum o Inc., for review and comment) Type: CORRESPONDENCE Author: Simon, Paul: US EPA Recipient: Cepeda-Rodriguez, Jose A.: Goldman i Attached: FRO-002-0433 Document Number: FRO-002-0433 To 0439</pre>	sultation entitled "Revie eek Site in Humacao, Puer xic Substances & Disease c Substances & Disease Re f Understanding between E & Antonetti Parent: FRO-002-0	W of Biological to Rico") Registry (ATSDR gistry (ATSDR) Da PA and Squibb M 432 Da	te: 11/09/88	ing	
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<pre>Title: (Memo forwarding the attached Health Con of Persons Residing near the Frontera Cr Type: CORRESPONDENCE Author: Lybarger, Jeffrey A.: Agency for To Recipient: Nelson, William Q.: Agency for Toxi Document Number: FRO-DO2-0432 To 0432 Title: (Letter forwarding proposed Memorandum o Inc., for review and comment) Type: CORRESPONDENCE Author: Simon, Paul: US EPA Recipient: Cepeda-Rodriguez, Jose A.: Goldman i Attached: FRO-DO2-0433 Document Number: FRO-DO2-0433 To 0439 Title: Memorandum of Understanding between the M Superfund Site, Remedial Investigation/Fi Type: LEGAL DOCUMENT Condition: DRAFT; MARGINALIA Author: Muszynski, William J.: US EPA Recipient: none: Squibb Manufacturing, Inc.</pre>	sultation entitled "Revie eek Site in Humacao, Puer xic Substances & Disease c Substances & Disease Re f Understanding between E & Antonetti Parent: FRO-D02-0 US EPA and Squibb Nanufac easibility Study	W of Biological to Rico") Registry (ATSDR) gistry (ATSDR) Da PA and Squibb M 432 Da turing, Inc	te: 11/09/88 Frontera Creek	ing 	
<pre>Title: (Hemo forwarding the attached Health Con of Persons Residing near the Frontera Cr Type: CORRESPONDENCE Author: Lybarger, Jeffrey A.: Agency for To Recipient: Nelson, William Q.: Agency for Toxi Document Number: FRO-D02-0432 To 0432 Title: (Letter forwarding proposed Memorandum o Inc., for review and comment) Type: CORRESPONDENCE Author: Simon, Paul: US EPA Recipient: Cepeda-Rodriguez, Jose A.: Goldman i Attached: FRO-D02-0433 Document Number: FRO-D02-0433 To 0439 Title: Memorandum of Understanding between the M Superfund Site, Remedial Investigation/Fi Type: LEGAL DOCUMENT Condition: DRAFT; MARGINALIA Author: Muszynski, William J.: US EPA Recipient: none: Squibb Manufacturing, Inc.</pre>	sultation entitled "Revie eek Site in Humacao, Puer xic Substances & Disease Re f Understanding between E & "Antonetti Parent: FRO-002-0 US EPA and Squibb Nanufac easibility Study	W of Biological to Rico") Registry (ATSDR gistry (ATSDR) Da PA and Squibb M 432 Da turing, Inc	te: 11/09/88 Frontera Creek	ing 	
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	FRONTERA CREEK SITE Doc	uments	
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Document Number: FRO-D02-0477 *	To 0479	Datas 11	/21 /00
		Jete: 11	/ 2 1 / 00
Title: (Nemo discussing a Heal)	th Consultation for the Fronte	ra Creek site dealing with mercur	y analysis
results for soils and gr	roundwater)		
Type: CORRESPONDENCE	•	••	•
Author: Nelson, William Q.:	Agency for Toxic Substances I	L Disease Registry (ATSDR)	
lecipient: Font, Jose C.: US E	EPA		
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	T= 0/40		
Jocument Runder: PR0-002-0456 1		Date: 11	/21/88
- Litle: (Nemo discussing Realth	Consultation: Diudad Cristian	na Nerrury Analysis Pasulas for S	aile
and Groundwater, Humacar	o. Puerto Rico)	a nereory matyara keautta tot a	
Type: CORRESPONDENCE			
Author: Nelson, William Q.:	Agency for Toxic Substances #	L Disease Registry (ATSDR)	
Recipient: Font, Jose C.: US E	EPA		
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Document Number: FRO-002-0483 T	To 0505 Parent	t: FRO-002-0481 Date: 01,	/01/89
itle: Final Community Relation	ns Plan for the Frontera Creek	Site, Municipality of Humacao, Pu	Jerto .
RICO			
Tyme: DIAN			· · · ·
Authors Sachday Day R's Et	nacen Carvinas		
Addidit, Sechect, Det Kit Eb			
ecidient: none: US EPA			
ecipient: none: US EPA			
Recipient: none: US EPA			
lecipient: none: US EPA	io 2351	Date: 01/	13/89
Recipient: none: US EPA Document Number:-FRO-001-2350 T	io 2351	Date: 01/	13/89
ecipient: none: US EPA locument Number:-FRO-001-2350 T itle: (Letter stating that Rev	io 2351 /lon must agree in writing to i	Date: 01/ indemnify and hold harmless EPA be	13/89 fore
Document Number:-FRO-001-2350 T Nitle: (Letter stating that Rev the government can exerc	To 2351 /lon must agree in writing to i ;ise its 104(e) access authorit	Date: 01/ indemnify and hold harmless EPA be ty to gain access to various prope	13/89 fore rties
Document Number:-FRO-001-2350 T Title: (Letter stating that Rev the government can exerc to perform Remedial Inve	To 2351 /lon must agree in writing to i :jse its 104(e) access authorit :stigation (RT) sampling)	Date: 01/ indemnify and hold harmless EPA be ty to gain access to various prope	13/89 fore rties
Recipient: none: US EPA Document Number:-FRO-001-2350 T Nitle: (Letter stating that Rev the government can exerc to perform Remedial Inve	To 2351 /lon must agree in writing to i ;ise its 104(e) access authorit :stigation (RT) sampling)	Date: 01/ indemnify and hold harmless EPA be ty to gain access to various prope	13/89 fore rties
Recipient: none: US EPA Document Number:-FRO-001-2350 T Title: (Letter stating that Rev the government can exerc to perform Remedial Inve Type: CORRESPONDENCE	To 2351 vion must agree in writing to i ise its 104(e) access authorit istigation (RT) sampling)	Date: 01/ indemnify and hold harmless EPA be ty to gain access to various prope	13/89 fore rties
Nocument Number:-FRO-001-2350 T Nocument Number:-FRO-001-2350 T Nitle: (Letter stating that Rev the government can exerc to perform Remedial Inve Type: CORRESPONDENCE Author: Simon, Paul: US EPA	To 2351 vion must agree in writing to i ;ise its 104(e) access authorit :stigation (RT) sampling)	Date: 01/ indemnify and hold harmless ZPA be ty to gain access to various prope	13/89 fore rties

FRONTERA CREEK SITE Document	\$
Document Number: FRO-002-0430 To 0431	Date: 01/13/89
Title: (Letter discussing the Nemorandum of Understanding, specif to property owned by Squibb Manufacturing, Inc.)	ically sampling protocols and access
Type: CORRESPONDENCE	
Condition: MISSING ATTACHMENT	
Author: Simon, Paul: US EPA	
Recipient: Cepeda-Rodriguez, Jose A.: Goldman & Antonetti	
	Date: 01/19/89
Frontera Creek as part of the Remedial Investigation/Feasi Type: CORRESPONDENCE	aining access to properties near bility Study)
Type: CORRESPONDENCE Author: Davis, Seth A.: Revion, Inc. Recipient: Simon, Paul: US EPA	bility Study)
Frontera Creek as part of the Remedial Investigation/Feasi Type: CORRESPONDENCE Author: Davis, Seth A.: Revion, Inc. Recipient: Simon, Paul: US EPA Document Number: FRO-002-0429 To 0429	Date: 01/24/89
Frontera Creek as part of the Remedial Investigation/Feasi Type: CORRESPONDENCE Author: Davis, Seth A.: Revion, Inc. Recipient: Simon, Paul: US EPA Document Number: FRO-002-0429 To 0429 Title: (Letter requesting an extension to respond to the Access R	aining access to properties near bility Study) Date: 01/24/89 equest and Nemorandum of Understanding)
States for any claims related to injuries and damages in g         Frontera Creek as part of the Remedial Investigation/Fessi         Type: CORRESPONDENCE         Author: Devis, Seth A.: Revion, Inc.         Recipient: Simon, Paul: US EPA         Document Number: FR0-002-0429 To 0429         Title: (Letter requesting an extension to respond to the Access R         Type: CORRESPONDENCE	aining access to properties near bility Study) Date: 01/24/89 equest and Memorandum of Understanding)
Frontera Creek as part of the Remedial Investigation/Feasi Type: CORRESPONDENCE Author: Davis, Seth A.: Revion, Inc. Recipient: Simon, Paul: US EPA Document Number: FRO-002-0429 To 0429 Title: (Letter requesting an extension to respond to the Access R Type: CORRESPONDENCE Author: Cepeda-Rodriguez, Jose A.: Goldman & Antonetti Recipient: Simon, Paul: US EPA	aining access to properties near bility Study) Date: 01/24/89 equest and Memorandum of Understanding)
States for any claims related to injuries and damages in g         Frontera Creek as part of the Remedial Investigation/Fessi         Type: CORRESPONDENCE         Author: Davis, Seth A.: Revion, Inc.         Recipient: Simon, Paul: US EPA         Document Number: FR0-002-0429 To 0429         Title: (Letter requesting an extension to respond to the Access R         Type: CORRESPONDENCE         Author: Cepeda-Rodriguez, Jose A.: Goldman & Antonetti         Recipient: Simon, Paul: US EPA         Document Number: FR0-002-0506 To 0506	Date: 01/24/89 Date: 01/24/89
Frontera Creek as part of the Remedial Investigation/Feasi Type: CORRESPONDENCE Author: Davis, Seth A.: Revion, Inc. Recipient: Simon, Paul: US EPA Document Number: FRO-002-0429 To 0429 Title: (Letter requesting an extension to respond to the Access R Type: CORRESPONDENCE Author: Capada-Rodriguez, Jose A.: Goldman & Antonetti Recipient: Simon, Paul: US EPA Document Number: FRO-002-0506 To 0506	aining access to properties mean bility Study) Date: 01/24/89 equest and Memorandum of Understanding) Date: 01/24/89
States for any claims related to injuries and damages in g         Frontera Creek as part of the Remedial Investigation/Fessi         Type: CORRESPONDENCE         Author: Davis, Seth A.: Revion, Inc.         Recipient: Simon, Paul: US EPA         Document Number: FR0-002-0429 To 0429         Title: (Letter requesting an extension to respond to the Access R         Type: CORRESPONDENCE         Author: Cepeda-Rodriguez, Jose A.: Goldman & Antonetti         Recipient: Simon, Paul: US EPA         Document Number: FR0-002-0506 To 0506         Title: (Letter, in Spanish, amouncing a meeting scheduled for Fe         the results of earlier research at the Frontera Creek site	Date: 01/24/89 Date: 01/24/89 equest and Nemorandum of Understanding) Date: 01/24/89 bruary 1, 1989, to present and discuss )
States for any claims related to injuries and damages in g         Frontera Creek as part of the Remedial Investigation/Fessi         Type: CORRESPONDENCE         Author: Devis, Seth A.: Revion, Inc.         Recipient: Simon, Paul: US EPA         Document Number: FRO-002-0429 To 0429         Title: (Letter requesting an extension to respond to the Access R         Type: CORRESPONDENCE         Author: Capada-Rodriguez, Jose A.: Goldman & Antonetti         Recipient: Simon, Paul: US EPA         Document Number: FR0-002-0506 To 0506         Title: (Letter, in Spanish, announcing a meeting scheduled for Fe         the results of earlier research at the Frontera Creek site	Date: 01/24/89 equest and Hemorandum of Understanding) Date: 01/24/89 bruary 1, 1989, to present and discuss )
States for any claims related to injuries and damages in g         Frontera Creek as part of the Ramedial Investigation/Fessi         Type: CORRESPONDENCE         Author: Devis, Seth A.: Revion, Inc.         Recipient: Simon, Paul: US EPA         Document Number: FRO-002-0429 To 0429         Title: (Letter requesting an extension to respond to the Access R         Type: CORRESPONDENCE         Author: Cepeda-Rodriguez, Jose A.: Goldman & Antonetti         Recipient: Simon, Paul: US EPA         Document Number: FRO-002-0506 To 0506         Title: (Letter, in Spanish, announcing a meeting scheduled for Fe         the results of earlier research at the Fronters Creek site         Type: CORRESPONDENCE	Date: 01/24/89 equest and Memorandum of Understanding) Date: 01/24/89 bruary 1, 1989, to present and discuss )
<pre>States for any claims related to injuries and damages in g Frontera Creek as part of the Remedial Investigation/Feesi Type: CORRESPONDENCE Author: Devis, Seth A.: Revion, Inc. Recipient: Simon, Paul: US EPA Document Number: FRO-002-0429 To 0429 Title: (Letter requesting an extension to respond to the Access R Type: CORRESPONDENCE Author: Cepade-Rodriguez, Jose A.: Goldman &amp; Antonetti Recipient: Simon, Paul: US EPA Document Number: FRO-002-0506 To 0506 Title: (Letter, in Spanish, announcing a meeting scheduled for Fe the results of earlier research at the Frontera Creek site Type: CORRESPONDENCE Author: Negron-Nevas, Eduardo N.: Fiddler, Gonzalez, Rodrigue </pre>	Date: 01/24/89 equest and Nemorandum of Understanding) Date: 01/24/89 bruary 1, 1989, to present and discuss )

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Title: (Letter, in Spanish, annound the results of earlier resea	ing a meeting scheduled for February 1, 19 arch at the Frontera Creek site)	89, to present and discuss	
Type: CORRESPONDENCE			
Author: Kegron-Neves, Eduardo M. Recipient: Ojeda, Pedro A. Maldaned	: fiddler, Gonzalez, Rodriguez jo: Junta de Calidad Ambiental		
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	ug Parenti Pku-uuz-ujug	Vale: 01/24/07	
"Title:: (Letter, in Spanish, announc the results of earlier resea	ing a meeting scheduled for February 1, 192 arch at the Fronters Creek site)	89, to present and discuss	
Type: CORRESPONDENCE			
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Grau, Jose Orlando: non	: Fiddler, Gonzalez, Rodriguez e		
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Grau, Jose Orlando: non Document Number: FRO-002-0509 To 050	: Fiddler, Gonzalez, Rodriguez e 09 Parent: FRO-002-0506	Date: 01/24/89	
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Grau, Jose Orlando: non Document Number: FRO-002-0509 To 050 Title: (Letter, in Spanish, announc the results of earlier resear	: Fiddler, Gonzalez, Rodriguez 9 109 Parent: FRO-002-0506 109 scheduled for February 1, 198 109 rch at the Frontera Greek site)	Date: 01/24/89 39, to present and discuss	
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Grau, Jose Orlando: non Document Number: FRO-002-0509 To 050 Title: (Letter, in Spanish, announc the results of earlier reseat	: Fiddler, Gonzalez, Rodriguez 99 Parent: FRO-002-0506 99 Sing a meeting scheduled for February 1, 198 99 Inch at the Fronters Greek site)	Date: 01/24/89 39, to present and discuss	
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Grau, Jose Orlando: non Document Number: FRO-002-0509 To 050 Title: (Letter, in Spenish, announc the results of earlier resear Type: CORRESPONDENCE: Author: Negron-Navas, Eduardo M.	: Fiddler, Gonzalez, Rodriguez 09 Parent: FRO-002-0506 ing a meeting scheduled for February 1, 198 irch at the Frontera Greek site) : Fiddler, Gonzalez, Rodriguez	Date: 01/24/89 39, to present and discuss	
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Grau, Jose Orlando: non Document Number: FRO-002-0509 To 050 Title: (Letter, in Spanish, announc the results of earlier resear Type: CORRESPONDENCE: Author: Negron-Navas, Eduardo M. Recipient: Martinez, Patricia: non	: Fiddler, Gonzalez, Rodriguez 09 Parent: FRO-002-0506 ring a meeting scheduled for February 1, 198 rch at the Frontera Greek site) : Fiddler, Gonzalez, Rodriguez e	Date: 01/24/89 39, to present and discuss	
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Grau, Jose Orlando: non Document Number: FRO-002-0509 To 050 Title: (Letter, in Spanish, announc the results of earlier reseat Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M.: Recipient: Martinez, Patricia: non Document Number: FRO-002-0481 To 048	: Fiddler, Gonzalez, Rodriguez 909 Parent: FRO-002-0506 919 ing a meeting scheduled for February 1, 198 92 inch at the Fronters Creek site) 93 : Fiddler, Gonzalez, Rodriguez 94 94 95 95 95 95 95 95 95 95 95 95	Date: 01/24/89 39, to present and discuss Date: 01/30/89	
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Grau, Jose Orlando: non Document Number: FRO-002-0509 To 050 Title: (Letter, in Spanish, announc the results of earlier reseat Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Martinez, Patricia: non Document Number: FRO-002-0481 To 048 Title: (Letter forwarding the Final	: Fiddler, Gonzalez, Rodriguez 909 Parent: FRO-002-0506 109 Parent:	Date: 01/24/89 39, to present and discuss Date: 01/30/89 Creek site)	
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Grau, Jose Orlando: non Document Number: FRO-002-0509 To 050 Title: (Letter, in Spanish, announc the results of earlier resear Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Martinez, Patricia: non Document Number: FRO-002-0481 To 044 Title: (Letter forwarding the Final Type: CORRESPONDENCE	: Fiddler, Gonzalez, Rodriguez 09 Parent: FRO-002-0506 Fing a meeting scheduled for February 1, 198 Inch at the Frontera Greek site) : Fiddler, Gonzalez, Rodriguez e 22 Community Relations Plan for the Frontera	Date: 01/24/89 39, to present and discuss Date: 01/30/89 Creek site)	
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Grau, Jose Orlando: non Document Number: FRO-002-0509 To 050 Title: (Letter, in Spanish, announc the results of earlier resear Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Martinez, Patricia: non Document Number: FRO-002-0481 To 040 Title: (Letter forwarding the Final Type: CORRESPONDENCE Author: Sachdey, Dev R.: Ebasco	: Fiddler, Gonzalez, Rodriguez 9 109 Parent: FRO-002-0506 109 Paren	Date: 01/24/89 39, to present and discuss Date: 01/30/89 Creek site)	
Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Grau, Jose Orlando: non Document Number: FRO-002-0509 To 050 Title: (Letter, in Spanish, announc the results of earlier resear Type: CORRESPONDENCE Author: Negron-Navas, Eduardo M. Recipient: Martinez, Patricia: non Document Number: FRO-002-0481 To 048 Title: (Letter forwarding the Final Type: CORRESPONDENCE Author: Sachdev, Dev R.: Ebasco Recipient: Johnson, Lillian: US EPJ	: Fiddler, Gonzalez, Rodriguez 9 Parent: FRO-002-0506 9 Parent: Frontsea Creek site) 2 Fiddler, Gonzalez, Rodriguez 8 Parent: Frontsea Parent 8 Parent 9 Parent: Frontsea Parent 9 Parent: Frontsea Parent 9 Parent: Frontsea Parent 9 Parent 9 Parent 9 Parent: Frontsea Parent 9	Date: 01/24/89 39, to present and discuss Date: 01/30/89 Creek site)	

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Document Number: FRO-001-2338 To 2347			Date: 02/01/89	
Title: Sampling Results from the Cuida	d Cristians Investigation			
TYTE CORRESPONDENCE				
Author: none: US EPA				
Recipient: none: none			•	
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Document Number: FRO-002-0628 To 0628		C	ate: 02/01/89	· -
	•			
Title: (Attendance list from EPA meeti	ng with Citizens Advisory Grou	<b>Φ</b> )	•	
				-
Author: none: US EPA				
Recipient: none: none				
			• • • • • • • • • • • • • • • • • • • •	**********
Document Number: FRO-001-2471 To 2474		D	ate: 03/17/89	· ·
Title: (Letter expressing concern abou	t EPA's handling of the Fronte	ra Creek site and	forwarding	
newspaper articles and data)				
Type - CODDESDONDENCE				
Author: Sincmaster III. James A.:	none			
Recipient: none: US General Accountin	g Office			
				*****
Document Number: FRO-001-2336 To 2337		D	ate: 04/13/89	
Title: (latter recording to concerns	shout the Frontana Prack alans		•	
The second se				
Type: CORRESPONDENCE				
Author: Guerrero, Peter F.: US Gen	eral Accounting Office			
Recipient: Singmaster III, James A.: (	none T			
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Document Number: FR0-002-0420 16 0428	Parent: FRO-D	JZ-0419 D1	ite: 04/28/89	
Title: (Letter forwarding Kemorandam o	f Understanding)			
Type: CORRESPONDENCE		•.•		••
Author: Simon, Paul: US EPA				FR
Recipient: Cepeda-Rodriguez, Jose A.:	Goldman & Antonetti	•		õ
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Document Number: FRO-002-0419	To 0419		Date: 05/04/89	
Title: (Letter requesting a construction between EPA and Squibb	ppy of Attachment III, the samp Nanufacturing, Inc.)	ling protocol, to the	e Memorandum of Understa	nding
Type: CORRESPONDENCE				
Author: illegible: Revion	, inc.		••	
Recipient: Simon, Paul: US E Attached: FRO-002-0420	A -			
Document Number: FRO-001-2334	To 2335	*****	Date: 12/22/89	
Title: (Letter on behalf of R Investigation Report)	evion, Inc., pertaining to the	preparation of the Dr	aft Phase 1 Remedial	
Type: CORRESPONDENCE				
Author: Davis, Seth A.: F	ink Veinberger, P.C.			
Recipient: Font, Jose C.: US	EPA			
••••			•••••	
Document Number: FRO-002-0626	To 0627		Date: 11/06/90	•
Title: (Letter forwarding doc	ments and designating the Town	of Humacao as an Inf	ormation Repository	
for the Frontera Creek	site)			
Type: CORRESPONDENCE				
Condition: MISSING ATTACHHENT				
Author: O'Neill, Carlos E.	US EPA			
Recipient: Vega-Sosa, Ramon:	Mayor, Municipality of Humacao			
••••••		• • • • • • • • • • • • • • • • • • • •		
Document Number: FRO-002-0189	To 0190		Date: 12/20/90	•
Title: (Letter requesting the	applicable or relevant and app	ropriate requirements	(ARARs) and attached	•
· · · · · · · · · · · · · · · · · · ·	-		•	
Type: CORRESPONDENCE				
Author: Caspe, Richard L.:	US EPA	•	•	

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Document Number: FRO-002-0158 To 0188	3	· .		• •	Date: 01/30/91	•
Title: (Letter identifying the applic National Priorities List (NPL) Wells)	cable or releva ) sites - Front	ant and app era Creek,	propriate Juncos L	requirement andfill, ar	s (ARARs) for three d Fibers Public Suppl	Υ Υ
Type: CORRESPONDENCE Author: Ojeda, Pedro A. Naldonado: Recipient: Caspe, Richard L.: US EPA	none -				••	
				*********		-
Document Number: FRO-001-0564 To 0930		•			Date: 02/01/91	
Title: Remedial Investigation Report (Report) - Revised Draft	for Frontera C	reek Site,	Humacao,	Puerto Ric	o, Volume 1 of 7	-
Type: REPORT				·		
Condition: DRAFT						
Author: none: Dynamac Corporation	1					
Recipient: none: none						
	·					
Document Number: FRO-001-0931 To 1186	,				Date: 02/01/91	••••••
Title: Remedial Investigation Report	for Fronters C	reek Site,	Humacao,	Puerto Ric	o, Volume 2 of 7	
(Tables, Part I) · Revised Dra	ITT					
Type: REPORT					•	
Condition: DRAFT					· · · ·	
Author: none: Dynamac Corporation	•					•
Recipient: none:_ none				•	•	
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Document Number: FRO-001-1187 To 1437	,	1			Date: 02/01/91	
Title: Remedial Investigation Report	for Fronters C	reek Site.	Numacao.	Puerto Ric	Volume 3 of 7	
(Tables, Part 2) - Revised Dra	ft					•
•			•	•		
Type: REPORT		•				
Condition: DRAFT					. · · ·	
Author: none: Dynamac Corporation				••••		•
Recipient: none: none						ل <del>د</del> ا .

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Document Number: FRO-001-1438	B To 1524	Date: 02/01/91	
Title: Remedial Investigation (Figures) ~ Revised Dr	n Report for Fronters Creek Site, Humacao, Pue maft	erto Rico, Volume 4 of 7	
Type: REPORT		·	
Condition: DRAFT	•		
Author: none: Dynamac Cor	porstion -		
Recipient: none: none			
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Document Number: FRO-001-1525	To 1540	Date: 02/01/91	
Title: Remedial Investigation	Report for Frontera Creek Site, Humacao, Pue	rto Rico, Volume 5 of 7	<b>-</b> ·
(Plates) - Revised Dra	ft		
Type: REPORT			
Condition: DRAFT			
Author: none: Dynamac Cor	poration		
Recipient: none: none			
Document Number: FRD-D01-1541	To 1787	Date: 02/01/91	•••••
Title: Remedial Investigation (Appendices, Part 1) -	Report for Frontera Creek Site, Humacao, Pue Revised Draft	rto Rico, Volume 6 of 7	
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT	Report for Frontera Creek Site, Humacao, Pue Revised Draft	rto Rico, Volume 6 of 7	
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT	Report for Frontera Creek Site, Humacao, Pue Revised Draft	rto Rico, Volume 6 of 7	
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor	Report for Frontera Creek Site, Humacao, Pue Revised Draft poration	rto Rico, Volume 6 of 7	
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none: none	Report for Frontera Creek Site, Humacao, Pue Revised Draft poration	rto Rico, Volume 6 of 7	
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none:- none	Report for Frontera Creek Site, Humacao, Pue Revised Draft poration	rto Rico, Volume 6 of 7	
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none:- none Document Number: FRO-001-1788	Report for Frontera Creek Site, Humacao, Pue Revised Draft poration To 2111	rto Rico, Volume 6 of 7 Date: 02/01/91	
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none:- none Document Number: FRO-001-1788 Title: Remedial Investigation (Appendices, Part 2) -	Report for Frontera Creek Site, Humacao, Pue Revised Draft poration To 2111 Report for Fronters Creek Site, Humacao, Pue Revised Draft	rto Rico, Volume 6 of 7 Date: 02/01/91 rto Rico, Volume 7 of 7	
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none: none Document Number: FRO-001-1788 Title: Remedial Investigation (Appendices, Part 2) - Type: REPORT	Report for Frontera Creek Site, Humacao, Pue Revised Draft poration To 2111 Report for Fronters Creek Site, Humacao, Pue Revised Draft	rto Rico, Volume 6 of 7 Date: 02/01/91 rto Rico, Volume 7 of 7	
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none: none Document Number: FRO-001-1788 Title: Remedial Investigation (Appendices, Part 2) - Type: REPORT Condition: DRAFT	Report for Frontera Creek Site, Humacao, Pue Revised Draft poration To 2111 	rto Rico, Volume 6 of 7 Date: 02/01/91 rto Rico, Volume 7 of 7	
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none:- none Document Number: FRO-001-1788 Title: Remedial Investigation (Appendices, Part 2) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor	Report for Frontera Creek Site, Humacao, Pue Revised Draft poration To 2111 Report for Fronters Creek Site, Humacao, Pue Revised Draft	rto Rico, Volume 6 of 7 Date: 02/01/91 rto Rico, Volume 7 of 7	
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none:- none Document Number: FRO-001-1788 Title: Remedial Investigation (Appendices, Part 2) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none: none	Report for Frontera Creek Site, Humacao, Pue Revised Draft poration To 2111 Report for Fronters Creek Site, Humacao, Pue Revised Draft	rto Rico, Volume 6 of 7 Date: 02/01/91 rto Rico, Volume 7 of 7	
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none:- none Document Number: FRO-001-1788 Title: Remedial Investigation (Appendices, Part 2) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none: none	Report for Frontera Creek Site, Humacao, Pue Revised Draft poration To 2111 	rto Rico, Volume 6 of 7 Date: 02/01/91 rto Rico, Volume 7 of 7	FRO
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Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none:- none Document Number: FRO-001-1788 Title: Remedial Investigation (Appendices, Part 2) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none: none	Report for Frontera Creek Site, Humacao, Pue Revised Draft poration To 2111 Report for Fronters Creek Site, Humacao, Pue Revised Draft poration	rto Rico, Volume 6 of 7 Date: 02/01/91 rto Rico, Volume 7 of 7	FRO 002
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none:- none Document Number: FRO-001-1788 Title: Remedial Investigation (Appendices, Part 2) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none: none	Report for Frontera Creek Site, Humacao, Pue Revised Draft poration To 2111 Report for Fronters Creek Site, Humacao, Pue Revised Draft poration	rto Rico, Volume 6 of 7 Date: 02/01/91 rto Rico, Volume 7 of 7	FRO 002 (
Title: Remedial Investigation (Appendices, Part 1) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none:- none Document Number: FRO-001-1788 Title: Remedial Investigation (Appendices, Part 2) - Type: REPORT Condition: DRAFT Author: none: Dynamac Cor Recipient: none: none	Report for Frontera Creek Site, Humacao, Pue Revised Draft poration To 2111 Report for Fronters Creek Site, Humacao, Pue Revised Draft poration	rto Rico, Volume 6 of 7 Date: 02/01/91 rto Rico, Volume 7 of 7	FRO 002 08

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Document Number: FRO-002-0001 To 0136 Date: 04/01/91 Title: Feasibility Study for Fronters Creek Site, Humacao, Puerto Rico Type: REPORT Condition: DRAFT Author: none: Dynamac Corporation Recipient: none: none Document Number: FRO-002-0137 To 0139 Date: 04/01/91 Title: Addendum - Draft Feasibility Study Report, Fronters Creek Site, Humacao, Puerto Rico Type: REPORT Author: none: US EPA	•
Document Number: FRO-002-0001 To 0136 Date: 04/01/91 Title: Feasibility Study for Fronters Creek Site, Humacao, Puerto Rico Type: REPORT Condition: DRAFT Author: none: Dynamac Corporation Recipient: none: none Document Number: FRO-002-0137 To 0139 Date: 04/01/91 Title: Addendum - Draft Feasibility Study Report, Fronters Creek Site, Humacao, Puerto Rico Type: REPORT Author: none: US EPA	
Document Number: FRO-002-0001 To 0136 Title: Feasibility Study for Frontera Creek Site, Humacao, Puerto Rico Type: REPORT Condition: DRAFT Author: none: Dynamac Corporation tecipient: none: none Jocument Number: FRO-002-0137 To 0139 Date: 04/01/91 Title: Addendum - Draft Feasibility Study Report, Frontera Creek Site, Humacao, Puerto Rico Type: REPORT Author: none: US EPA	·····-
Title: Feasibility Study for Frontera Creek Site, Humacao, Puerto Rico Type: REPORT Author: none: Dynamac Corporation Recipient: none: none Jocument Number: FRO-002-0137 To 0139 Date: 04/01/91 Title: Addendum - Draft Feasibility Study Report, Frontera Creek Site, Humacao, Puerto Rico Type: REPORT Author: none: US EPA	••••••
Type: REPORT Condition: DRAFT Author: none: Dynamac Corporation Recipient: none: none Document Number: FRO-002-0137 To 0139 Date: 04/01/91 Nitle: Addendum - Draft Feasibility Study Report, Frontera Creek Site, Numacao, Puerto Rico Type: REPORT Author: none: US EPA	••••• <u>•</u>
Condition: DRAFT Author: none: Dynamac Corporation Recipient: none: none Document Number: FRO-002-0137 To 0139 Document Number: FRO-002-0137 To 0139 Date: 04/01/91 Date: 04/01/91 Sitle: Addendum - Draft Feasibility Study Report, Frontera Creek Site, Numacao, Puerto Rico Type: REPORT Author: none: US EPA	•••••• <u>•</u>
Author: none: Dynamac Corporation Recipient: none: none - 	•••••• <u>•</u>
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Document Number: FRO-002-0137 To 0139 Date: 04/01/91 Title: Addendum - Draft Feasibility Study Report, Frontera Creek Site, Humacao, Puerto Rico Type: REPORT Author: none: US EPA	-
Title: Addendum - Draft Feasibility Study Report, Frontera Creek Site, Humacao, Puerto Rico Type: REPORT Author: none: US EPA	
Type: REPORT Author: none: US EPA	<b>-</b> ·
Author: none: US EPA	
lecipient: none: none	
locument Number: FRO-002-0154 To 0155 Date: 04/01/91	
Title: Addendum No. 5 for Feasibility Study Report, Frontera Creek Site	
Type: REPORT	
Author: none: US EPA	
lecipient: none: none	
	•••••
ocument Number: FRO-002-0140 To 0146 Date: 05/17/91	
Title: Addendum No. 1 for Feasibility Study Report, Frontera Creek Site	
Type: REPORT	_
Author: Lipsky, David: Dynamac Corporation	:
lecipient: Font, Jose C.: US EPA	
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locument Number: FRO-002-0147 To 0149 Date: 05/21/91	
itle: Addendum No. 2 for Feasibility Study Report, Frontera Creek Site	
Type: REPORT	FI
Author: Lipsky, David: Dynamac Corporation	õ
Recipient: Font, Jose C.: US EPA	-
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ocument Number: FRO-DO1-	2112 To 2116		Date: 06/05/91	
itle: (Letter discussing from the Technicon Investigation Repo	the attached analytical facility in Humacao, Pue rt)	results of the sediment and so rto Rico - Addendum No. 1 for	oil samples taken Revised Draft Remedial	
Type: CORRESPONDENCE Author: Lipsky, David: ecipient: Font, Jose C.:	Dynamac Corporation- US EPA			
ocument Number: FRO-002-0	0450 To 0457	Parent: FRO-002-0449	Date: 06/12/91	
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site, Humacao, Puer	rto Rico)	ela Greek alte, kationat Plion	ILIES LIST (AFL)	
Type - CORRESPONDENCE				
Author: Crellin, John H acipient: Block, Arthur:	R.: Agency for Toxic Subs Agency for Toxic Substan	stances & Disease Registry (Al nces & Disease Registry (ATSD)	(SDR)	
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ocument Number: FRO-002-(	D150 To 0151	•••••••••••••••••••••••••••••••••••••••	Date: 06/19/91	• • • • • • • • • • • • • •
boument Number: FRO-002-( itle: Addendum No. 3 for	D150 To 0151 Feasibility Study Report,	, Frontera Creek Site	Date: 06/19/91	
ocument Number: FRO-002-( itle: Addendum No. 3 for Type: REPORT	D150 To 0151 Feasibility Study Report,	, Frontera Creek Site	Date: 06/19/91	
ocument Number: FRO-002-( itle: Addendum No. 3 for Type: REPORT Author: Lipsky, David:	D150 To 0151 Feasibility Study Report, Dynamac Corporation	, Frontera Creek Site	Date: 06/19/91	
ocument Number: FRO-002-( itle: Addendum No. 3 for Type: REPORT Author: Lipsky, David: acipient: Font, Jose C.:	D150 To 0151 Feasibility Study Report, Dynamac Corporation US EPA	, Frontera Creek Site	Date: 06/19/91	
ocument Number: FRO-002-( itle: Addendum No. 3 for Type: REPORT Author: Lipsky, David: acipient: Font, Jose C.:	D150 To 0151 Feasibility Study Report, Dynamac Corporation US EPA	, Frontera Creek Site	Date: 06/19/91	
<pre>bcument Number: FRO-002-( itle: Addendum No. 3 for    Type: REPORT    Author: Lipsky, David: acipient: Font, Jose C.: bcument Number:_FRO-002-( </pre>	D150 To 0151 Feasibility Study Report, Dynamac Corporation US EPA D152 To 0153	, Frontera Creek Site	Date: 06/19/91 Date: 06/20/91	
<pre>bcument Number: FRO-002-( itle: Addendum No. 3 for    Type: REPORT    Author: Lipsky, David: bcument Number:_FRO-002-( itle: Addendum No. 4 for</pre>	D150 To 0151 Feasibility Study Report, Dynamac Corporation US EPA D152 To 0153 Feasibility Study Report.	, Frontera Creek Site Frontera Creek Site	Date: 06/19/91 Date: 06/20/91	
boument Number: FRO-002-( itle: Addendum No. 3 for Type: REPORT Author: Lipsky, David: ecipient: Font, Jose C.: boument Number:_FRO-002-( itle: Addendum No. 4 for	D150 To 0151 Feasibility Study Report, Dynamac Corporation US EPA D152 To 0153 Feasibility Study Report,	, Frontera Creek Site , Frontera Creek Site	Date: 06/19/91 Date: 06/20/91	
<pre>bcument Number: FRO-002-( itle: Addendum No. 3 for    Type: REPORT    Author: Lipsky, David: ecipient: Font, Jose C.: bcument Number:_FRO-002-( itle: Addendum No. 4 for    Type: REPORT</pre>	D150 To 0151 Feasibility Study Report, Dynamac Corporation US EPA D152 To 0153 Feasibility Study Report,	, Frontera Creek Site , Frontera Creek Site	Date: 06/19/91 Date: 06/20/91	
<pre>bcument Number: FRO-002-( itle: Addendum No. 3 for    Type: REPORT    Author: Lipsky, David:    bcument Number:_FRO-002-( itle: Addendum No. 4 for    Type: REPORT    Author: Lipsky, David:</pre>	D150 To 0151 Feasibility Study Report, Dynamac Corporation US EPA D152 To 0153 Feasibility Study Report, Dynamac Corporation	, Frontera Creek Site , Frontera Creek Site	Date: 06/19/91 Date: 06/20/91	
<pre>bcument Number: FRO-002-0 itle: Addendum No. 3 for    Type: REPORT    Author: Lipsky, David:    bcument Number:_FRO-002-0 itle: Addendum No. 4 for    Type: REPORT    Author: Lipsky, David:    ccipient: Font, Jose C.: </pre>	D150 To 0151 Feasibility Study Report, Dynamac Corporation US EPA D152 To 0153 Feasibility Study Report, Dynamac Corporation US EPA	, Frontera Creek Site , Frontera Creek Site	Date: 06/19/91 Date: 06/20/91	
<pre>bcument Number: FRO-002-( itle: Addendum No. 3 for    Type: REPORT    Author: Lipsky, David: ecipient: Font, Jose C.: bcument Number:_FRO-002-( itle: Addendum No. 4 for    Type: REPORT    Author: Lipsky, David: ecipient: Font, Jose C.: </pre>	D150 To 0151 Feasibility Study Report, Dynamac Corporation US EPA D152 To 0153 Feasibility Study Report, Dynamac Corporation US EPA	, Frontera Creek Site , Frontera Creek Site	Date: 06/19/91 Date: 06/20/91	
ocument Number: FRO-002-( itle: Addendum No. 3 for Type: REPORT Author: Lipsky, David: ecipient: Font, Jose C.: ocument Number:_FRO-002-( itle: Addendum No. 4 for Type: REPORT Author: Lipsky, David: ecipient: Font, Jose C.:	D150 To 0151 Feasibility Study Report, Dynamac Corporation US EPA D152 To 0153 Feasibility Study Report, Dynamac Corporation US EPA	, Frontera Creek Site , Frontera Creek Site	Date: 06/19/91 Date: 06/20/91	
<pre>bcument Number: FRO-002-0 itle: Addendum No. 3 for    Type: REPORT    Author: Lipsky, David:    bcument Number:_FRO-002-0 itle: Addendum No. 4 for    Type: REPORT    Author: Lipsky, David:    ecipient: Font, Jose C.:</pre>	D150 To 0151 Feasibility Study Report, Dynamac Corporation US EPA D152 To 0153 Feasibility Study Report, Dynamac Corporation US EPA	, Frontera Creek Site , Frontera Creek Site	Date: 06/19/91 Date: 06/20/91	
<pre>bcument Number: FRO-002-( itle: Addendum No. 3 for    Type: REPORT    Author: Lipsky, David: ecipient: Font, Jose C.: bcument Number:_FRO-002-( itle: Addendum No. 4 for    Type: REPORT    Author: Lipsky, David: ecipient: Font, Jose C.: </pre>	D150 To 0151 Feasibility Study Report, Dynamac Corporation US EPA D152 To 0153 Feasibility Study Report, Dynamac Corporation US EPA	, Frontera Creek Site , Frontera Creek Site	Date: 06/19/91 Date: 06/20/91	FRO
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0841

Title: (Kemo forwarding the completed Agency for Toxic Substances and Disease Registry's (ATSDR) Health Consultation evaluating the health implications of mercury and lindane levels at the Frontera Creek site)

Type: CORRESPONDENCE Author: Block, Arthur: Agency for Toxic Substances & Disease Registry (ATSDR) Recipient: Font, Jose C.: US EPA Attached: FRO-002-0450 _____

Document Number: FRO-001-2117 To 2130

Date: 07/10/91

Title: (Letter discussing the final report of the results of the focused sampling effort completed at Peerless Tube's facility in Humacao, PR, and to update and amend sections of the Frontera Creek RI Report - Addendum No. 2 for Revised Draft RI Report)

Type: CORRESPONDENCE Author: Lipsky, David: Dynamac Corporation Recipient: Font, Jose C.: US EPA

Document Number: FRO-002-0156 To 0157

Date: 07/16/91

Title: (Letter commenting on the remedial alternatives for the Frontera Creek site, Humacao, Puerto Rico)

Type: CORRESPONDENCE

Author: Ojeda, Pedro A. Haldonado: Commonwealth of Puerto Rico Recipient: Font, Jose C.: US EPA