



DuPont Engineering

December 19, 2008

Mr. Frank Faranca
New Jersey Department of Environmental Protection
Bureau of Federal Case Management
P.O. 028
401 East State Street, Fifth Floor
Trenton, NJ 08625

RE: Acid Brook Delta RIR

Dear Mr. Faranca:

Enclosed are two hard copies of the text pages for the Acid Brook Delta RIR (approved via electronic message dated June 19, 2008, provided as Attachment 1). The copies contain the revisions to the report (dated January 2008) that were provided by the Department (Mr. Gary Buchanan and Mr. Ed Demarest). A list of those sections and pages where revisions have been made based on Department comments is provided in an attached table. Also enclosed are two CDs containing the full text, tables, figures, and appendices of the RIR for your files.

If you have any questions, please call Al Boettler at 302-892-0647 or me at 973-493-7733.

Sincerely,

A handwritten signature in black ink that reads "David E. Epps".

David. E. Epps, P.G.
DuPont Pompton Lakes Works
Project Director

cc: PLW Files
Clifford Ng, USEPA Region II (CD of full report)

Enclosures (2)
Attachments (2)

NJDEP RIR Approval Attachment 1




"Frank Faranca"
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06/19/2008 03:43 PM

To: Albert J Boettler/AE/DuPont@DuPont, David E Epps/CL/DuPont@DuPont
cc: "Anne Pavelka" <Anne.Pavelka@dep.state.nj.us>, "Edward Demarest" <Edward.Demarest@dep.state.nj.us>, "Gary Buchanan" <Gary.Buchanan@dep.state.nj.us>, "Gwen
bcc

Subject: 1-30-2008 Acid Brook RIR Approval

History:  This message has been forwarded.

Al & Dave,
Attached please find our approval of the above document with the condition of the revised language approved by DuPont and the Department.
Frank

Frank Faranca, CHMM
Site Remediation Technical Specialist
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communications and may therefore be subject to public disclosure. 1-30-2008 Acid Brook RIR.pdf

**Description of Modifications to Acid Brook Delta RIR
Dated November 2006, Revised January 2008, Final June 2008
Attachment 2**

Section	Page	Description of Modification
2.2	2 and 3	Added information from Ed Demarest on historical investigations
4.1.1	7	Corrected sentence describing direction of peat disappearance
4.2	8 and 9	Added information from Gary Buchanan regarding fish monitoring results
5.4.3	15	Added information from Ed Demarest on delineation for Transect E
5.5	17	Added information requested by Ed Demarest on trends in Bathymetry
References	21	Added references cited in discussion in Section 4.2
Table 2		Re-sorted as per comment from Ed Demarest

ACID BROOK DELTA REMEDIAL INVESTIGATION REPORT DUPONT POMPTON LAKES WORKS POMPTON LAKES, NEW JERSEY

Date: November 2006
Revised: January 2008
Final: June 2008

Project No.: 507827
18985155.00001



CORPORATE REMEDIATION GROUP
*An Alliance between
DuPont and URS Diamond*

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EXECUTIVE SUMMARY

The DuPont Pompton Lakes Works, located in Pompton Lakes, New Jersey, has been evaluating the extent of off-site migration of constituents of potential concern in the Acid Brook Delta and Pompton Lake. Numerous remedial actions have been completed in various areas to address the off-site impacts. Recent investigations have been focused on the delineation of mercury in the Pompton Lake sediment and the pending remedial action. In addition to the delineation efforts, numerous other activities have been conducted to support the preparation of a Remedial Action Selection Report (RASR) and Remedial Action Work Plan (RAWP).

As presented in this Remedial Investigation Report (RIR), mercury delineation in the delta and Pompton Lake sediment has been completed. DuPont has met the NJDEP's requirement for surface and subsurface delineation to 2 mg/kg mercury in sediment. In general, the distribution pattern of mercury in sediments is consistent with the physical parameters of the conceptual site model (i.e., the mercury concentrations decrease with distance from the discharge point of Acid Brook; increases with depth, which is consistent with operational history; and are limited to the sediments overlying the peat, which was the original ground surface).

DuPont will prepare a RASR for submission to NJDEP within 60 days of NJDEP's unconditional approval of this report.

1.0 INTRODUCTION

DuPont Pompton Lakes Works (PLW) has prepared this Remedial Investigation Report (RIR) for the Acid Brook Delta in accordance with the Technical Requirements for Site Remediation (N.J.A.C. 7:26E) Section 4.8 (Remedial Investigation Report) and the Delta Sampling Workplan of August 2004. The effective date of the Technical Requirements utilized was December 17, 2002, as amended on February 3, 2003, July 6, 2004, and July 5, 2005. This report replaces the RIR submitted by DuPont in November 2006 and any subsequent addendums. An NJDEP RIR Checklist is included as Appendix A. This report presents the delineation of mercury in the delta and Pompton Lake sediment, and the results of other activities conducted in support of the remedial action.

2.0 HISTORICAL INFORMATION

2.1 Site Background

In 1988, DuPont PLW entered into an Administrative Consent Order (ACO) with the NJDEP. In 1992, DuPont was issued a Hazardous and Solid Waste (HSWA) permit by the United States Environmental Protection Agency (EPA). This ACO and HSWA permit, revised in 1996, required DuPont to conduct a remedial investigation addressing contamination at/or emanating from the site. Remedial activities have been implemented both on- and off-site to protect human health and the environment. Extensive off-site soil cleanup and groundwater monitoring have occurred. On-site stabilization includes the installation and operation of a groundwater treatment system to contain and treat the on-site groundwater volatile organic compound (VOC) plume. In addition, approximately 25 soil remedial and interim remedial activities have been implemented to remediate and stabilize the site.

2.2 Historical Information

DuPont Pompton Lakes Works (PLW) is located in Pompton Lakes, New Jersey. The Acid Brook flows through the Acid Brook Valley on-site and through the town of Pompton Lakes off-site where it then discharges into Pompton Lake within the area known as the Acid Brook Delta (the delta). Between 1991 and 1997, Acid Brook was the subject of remedial efforts that included stream-bed cleaning and excavation of floodplain soils. In conjunction with these activities, between 1990 and 1993, the delta and the delta upland were the subject of investigation [*Delta Sampling Report*, DuPont Environmental Remedial Services (DERS), 1994]. In 1997, portions of the delta uplands were remediated (*Lakeside Avenue Remediation Project Environmental Report*, DERS, 1996).

Between 1995 and 1998, an ecological investigation was conducted in Pompton Lake and the delta to evaluate the potential for adverse effects to ecological receptors and to allow for the most scientific understanding of the impacts of sediments containing mercury in the delta (Acid Brook Delta Ecological Investigation Phase 1 Sampling and Analysis Plan, 1996; Acid Brook Delta Ecological Investigation Reference Area Evaluation and Phase 1 Data Report, PTI, 1997; and Acid Brook Delta Ecological Investigation - Phase 2 Report, Exponent, 1999).

Following the 1998 completion of the ecological investigation, the NJDEP responded to the Acid Brook Delta Ecological Investigation - Phase 2 Report (Exponent, 1999) in 2002 with comments on the investigation and requested a remedial action. A revised Acid Brook Delta Ecological Investigation Phase 2 Report (Exponent, 2003) addressing NJDEP's comments, and a sampling plan [DuPont Corporate Remediation Group (CRG), 2003] outlining additional activities to be conducted in support of a remedial action, were submitted to NJDEP.

As per N.J.A.C. 7:26E-4(1)d and NJDEP comments, delineation of mercury and subsurface sediment was required. NJDEP required delineation to the NOAA ER-L or

background (whichever was highest) and later substituted the freshwater Ontario Ministry of the Environment (MOE) benchmarks for the NOAA marine/estuarine benchmarks but did not withdraw the requirement for vertical and horizontal Hg delineation. The Ontario benchmarks were required in the BEERA/ETRA Memorandum review (5 June 98) of the *Acid Brook Delta Ecological Investigation, Phase 2 Sampling and Analysis Plan* (October 1997). A work plan outlining the horizontal delineation approach was submitted in April 2004 and finalized in August 2004 (DuPont CRG, 2004). The activities conducted in support of remedial action and delineation have been presented to NJDEP through e-mail correspondence and joint team meetings, and are presented herein. The required delineation has been completed and is presented in this RIR.

2.3 Historical Site Plans/Aerial Photographs

The area of investigation is, exclusively, Pompton Lake. Neither historical site plans nor historical site aerial photographs, as defined in N.J.A.C. 7:26E-4.2(b)2, are applicable to this RIR.

3.0 PHYSICAL SETTING

This section includes the RIR requirements for N.J.A.C. 7:26E-4.2(b)4 – Physical Setting. This is addressed in three subsections, 2.1-Physical Setting (the Site); 2.2- Acid Brook Valley – Pompton Lake (Acid Brook and the Lake); and Section 2.3. Additional descriptions of Pompton Lake sediments are included in Section 3, Technical Overview, which includes the conceptual site model.

Items listed in the Technical Requirements for “Physical Setting” that are not applicable to this RIR include:

- Groundwater flow direction (including maps) (N.J.A.C. 7:26E-4.8(b)4i)
- Updated well search (N.J.A.C. 7:26E-4.8(b)4ii).

Groundwater flow direction and an updated well search are not required because this RIR only addresses one medium in one area of concern—sediment in the Acid Brook Delta. Delta sediment has been impacted by historical transport of site-related constituents via Acid Brook.

3.1 Pompton Lakes Works

The 570-acre PLW site is located in the boroughs of Pompton Lakes and Wanaque in central Passaic County in northern New Jersey. The site is visible on the United States Geological Survey (USGS) 7.5-minute Wanaque Quadrangle Map (see Figure 1). The site consists of northeast trending ridges and valleys containing two major drainage areas, the Wanaque River (former Lake Inez) on the west, and the Acid Brook on the east. Interstate 287 (I-287) crosses the northern and western parts of the site isolating approximately 70 acres. The site is bordered to the northeast and east by the Ramapo State Forest (deciduous forest and some deciduous wooded wetlands), to the south by the town of Pompton Lakes (industrial, commercial/services, and residential land use), Pompton Lake, and to the west and northwest by Twin Lake Valley (commercial/services and residential land use), and the town of Haskell.

The Acid Brook flows through the PLW site and discharges into Pompton Lake within the area known as the delta. Pompton Lake and the delta are also visible on the USGS 7.5-minute Wanaque Quadrangle Map (see Figure 1). The Ramapo River enters Pompton Lake in the northeast corner and exits the lake over the dam at the southern end. The lake and delta area are relatively shallow (up to approximately 5 feet), and the river channel is deeper (up to approximately 16 feet).

Immediately north of the delta is a park, and immediately to the west is a middle school, while further north, west, and southwest is residential. The delta and the western half of Pompton Lake are located in the borough of Pompton Lake, the eastern half of Pompton Lake is located in the borough of Wayne, and the northern part of Pompton Lake is located in the borough of Oakland.

3.2 Acid Brook and Pompton Lake

On the PLW property, the Acid Brook flows south through a valley characterized by bedrock ridges in the north and middle portions of the site. The valley is high and narrow in the north and slopes south, widening until it opens up in to a flat plain in the southern portion of the site. The Acid Brook itself originates in the Ramapo State Forest land north/northeast of the site. Acid Brook's primary water sources are several springs that combine with overland flow. Approximately one-half mile south of the site, Acid Brook discharges into Pompton Lake within the area known as the delta. For clarification, the delta is broken into two areas, the delta, which refers to the portion in Pompton Lake (i.e., lake sediments), and the delta uplands (defined as the flood plain soils between Lakeside Avenue and the water's edge along Acid Brook).

Pompton Lake is an impoundment that was created by damming the Ramapo River. The dam was constructed in the late 1800s then enlarged in the early 1900s. When the dam was enlarged, the area that is now the delta was submerged. The enlargement of the dam coincided approximately with DuPont shifting operations from the Wanaque River valley or former Lake Inez to the Acid Brook valley. The Ramapo River flows over the Pompton Lake dam. Approximately 1.5 miles downstream, the Ramapo and Pequannock Rivers join to form the Pompton River. The Pompton River flows into the Passaic River, which empties into Newark Bay.

Water bodies within ½ mile of Pompton Lake include the following:

- ❑ Acid Brook flows approximately north to south and discharges into Pompton Lake.
- ❑ The Wanaque River flows approximately north to south and is in the next valley west of Acid Brook.
- ❑ The Ramapo River enters Pompton Lake from the north and discharges at the dam at the southern end of Pompton Lake.
- ❑ Potash Lake is east/southeast of Pompton Lake.

3.3 Land Use and Wetlands

Land use within 1,000 feet of Pompton Lake is principally residential with some small business and light industrial areas. There are two schools and two parks within the 1,000-foot perimeter.

The National Wetlands Inventory was reviewed relative to the Letter of Interpretation (July 30, 1991, NJDEP No. 1609-91-0004.1) for this area submitted to and approved by NJDEP. The only wetlands adjacent to Pompton Lake, south of the bridge, are at the discharge point of Acid Brook as shown in Figure 2.

4.0 TECHNICAL OVERVIEW

The technical overview will be presented in two sections:

- ❑ Section 4 (Technical Overview) discusses physical, chemical, and biological processes related to the sediments in Pompton Lake, thereby presenting a conceptual site model of the lake. A conceptual site model is a three-dimensional representation of site conditions that represents what is known (or suspected) about the contaminant source area(s) and the physical, chemical, and biological processes that determine the transport of contaminants from sources through environmental media to potential receptors. A conceptual site model was developed for the Pompton Lake delta. This model focused on ecological receptors within the lake.
- ❑ Section 5 (Results) discusses the analytical results from delineation sampling in the southern portion of Pompton Lake (i.e., south of the bridge) as well as sampling in the Ramapo River channel between Pompton Lake and the dam. Section 5 also includes the results of non-delineation sampling such as Toxic Characteristic Leaching Procedures (TCLP), Synthetic Precipitation Leaching Procedure (SPLP), and geotechnical analyses. This sampling was performed for the preparation of the Remedial Action Selection Report (RASR), the Remedial Action Work Plan (RAWP) and potentially for permitting. In addition, this section presents the most recent bathymetric survey of Pompton Lake.

4.1 Physical Processes

Geologically, PLW is situated at the eastern edge of the New Jersey Highlands physiographic province, approximately one-half mile from the boundary between the Precambrian Highlands and the Triassic basin. The boundary between these two geologic provinces is a northeast oriented major normal fault. Known as the Ramapo Fault, this boundary occurs in the vicinity of the western shore Pompton Lake. The site is situated in two north/northeast-south/southwest trending valleys: the Wanaque River Valley (formerly Lake Inez), and the Acid Brook Valley, which is located east of the Wanaque River Valley. Bedrock exposure separates the two watersheds. The delta is located entirely in the Acid Brook Valley. The following sections provide more detail on the Acid Brook Valley, including the delta, geology, and hydrogeology.

4.1.1 Soils and Sediments

The majority of the unconsolidated soils in the Acid Brook Valley were deposited as the Wisconsin glacier retreated, 20,000 to 17,000 years ago. These alluvial deposits are a fining downward sequence:

- ❑ Poorly sorted deposit of sand, gravel, cobbles, boulders, and some sand and silt called the shallow alluvial zone consists of both dislodged Pleistocene till and colluvium deposits.

- ❑ A fining downward sequence of fluvial deposits and deltaic sands called the intermediate alluvial zone.
- ❑ Fine sand and silts deposited in the glacial lake, directly on bedrock called the deep alluvial zone.

The peat and sediments within the delta and Pompton Lake overlie these glacial deposits. The peat underlies the sediments and was created when the dam on the Ramapo was enlarged in the early 1900s, flooding the former farmland of the delta area for the first time. The peat disappears moving east and southeast away from the delta into the main part of Pompton Lake, which is the Ramapo River channel. The gravelly sand or clayey sand encountered immediately below the peat is the shallow alluvial zone. The poorly graded sand encountered below that is the intermediate zone. The lithologic logs of the 1993 VibraCore borings can be found in Appendix E of the *Delta Sampling Report*, dated June 1994. Lithologic logs for the more recent cores (January 2003 to October 2007) can be found in Appendix B. The delta sediments range in thickness from zero to 5.2 feet with an average thickness of 1.5 feet. The peat ranges in thickness from zero to 4.3 feet with an average thickness of 1.9 feet. Cross-section locations are shown in Figure 2. The lithology is illustrated in northwest to southeast and southwest to northeast trending cross-sections, as shown in Figures 3 and 4, respectively. Figure 3 cross-section goes from the mouth of Acid Brook southeast across Pompton Lake to the opposite shore and demonstrates how the peat disappears moving out of the delta environment into the main body of the lake where the Ramapo channel meanders. Figure 4 cross-section goes across the delta area from Lenox Avenue in the southwest to Lakeside Avenue in the northeast and shows the variability in thickness of the sediments and the peat and better illustrates the underlying glacial deposits that make up the shallow and intermediate alluvial zone.

4.1.2 Hydrology

The average annual rainfall measured in the vicinity of the site is 48.5 inches per year (in/yr), as measured at a gauging station near Raymond Dam at the Wanaque Reservoir. Groundwater in the Acid Brook Valley is encountered at a depth of between 4 and 26 feet below ground surface, and in general, the piezometric surface mimics surface topography. The thickness of the saturated alluvial zone varies from 5 feet in the north plant region to 165 feet near the Pompton Lake shore. It appears that groundwater flows from bedrock ridges to the valleys, generally south-southeast, eventually discharging into Pompton Lake, approximately 1,300 feet from the site at its closest point. In the south plant region and off-site, the gradient in the three zones ranges from 0.001 feet per foot (ft/ft) to 0.007 ft/ft.

Historical aquifer test data from wells in each zone on-site indicate that aquifer conductivities range from 35 feet per day (ft/d) to 90 ft/d (Geraghty and Miller, 1986; DuPont, August 1990; Woodward-Clyde Consultants, 1992; AWD Technologies, 1990; and DERS, August and October 1994). Additionally, the PLW groundwater flow model determined an overall horizontal hydraulic conductivity of 50 ft/d and a vertical conductivity of 10 ft/d. Groundwater elevations indicate a slight vertical downward gradient in the alluvial zone and slight upward vertical gradient from the bedrock to the

alluvium (Geraghty and Miller, 1986; Golder Associates, 1988; Woodward-Clyde Consultants, 1992; and DERS, March and August 1995). Overall, the dominant groundwater flow direction is horizontal.

Acid Brook flows south through the site and discharges into Pompton Lake. Base flow in the brook is approximately 0.02 cubic meters per second (cms), but ranges from less than 0.01 cms to greater than 0.04 cms. The Ramapo River also flows south and becomes Pompton Lake near its southern extent. The USGS gauging station at the Pompton Lakes dam shows that average flow over the dam is around 287 cubic feet per second (cfs), but ranges from a low flow of 84 cfs to a high flow over 500 cfs. Lake elevation data from recent sampling events (last three years) range from a minimum of 200.22 to a maximum of 203.32 with an average of 201.19.

4.2 Chemical and Biological Process

The main constituents of potential concern (COPCs) are lead, mercury, and copper. This is consistent with the site's historical manufacture of the primary explosives mercury fulminate and lead azide, the use of lead styphnate, and the manufacture and use of copper shells and wire.

Mercury in the delta sediments appears to be tightly bound to the fine-grained particles as indicated by the TCLP data (DERS, 1994 and CRG, 2005); however, biological process in the upper few centimeters of sediment are able to mobilize some mercury in the form of methyl mercury, which then enters the food chain (Exponent, 1999). Results from sediment, surface-water, and biota samples indicated that mercury concentrations for the delta were elevated compared to the in-lake reference locations.

Data reported by Horwitz et al. (1999) for NJDEP's assessment of mercury in New Jersey fish indicate that the average concentration of largemouth bass collected in 1993 from Pompton Lake was 0.45 ug Hg/g wet weight (fillet portion). This average was based on nine fish ranging between 35 to 62 cm and a mercury concentration range of 0.22 to 0.94 ug/g wet weight. In comparison, largemouth bass collected in 1992 from the Wanaque Reservoir had an average mercury concentration of 0.85 ug/g wet weight. This average was based on six largemouth bass ranging in size from 39 to 65 cm and a mercury concentration range from 0.4 to 1.81 ug/g wet weight. Additional data collected for NJDEP in 1996-97 (Horwitz et al., 1999) indicate that for Northern Industrial Rivers an age/length adjusted average mercury concentration of 0.48 ug/g wet weight with the range being 0.27 to 0.77 ug/g wet for eight locations. Pompton Lake was not sampled as part of the 1996-1997 sampling program. Fish were also collected from Pompton Lake in 2002 (Horwitz et al., 2005), 5 largemouth bass ranging in size from 31.7 to 52.3 cm (mean 41cm) had fillet Hg concentrations (wet weight) ranging from 0.45 to 1.30 ug/g (mean 0.86 ug/g).

Based on his evaluation of fish data presented in the most recent available data from NJDEP's Routine Fish Monitoring program (Horwitz et al., 2005), Gary Buchanan, NJDEP (personal communication, June 18, 2008) concluded that mercury levels in fish collected from the Acid Brook Delta end of Pompton Lake are elevated relative to other lakes in northern New Jersey (i.e., fish at the same length have higher concentrations of mercury relative to other lakes in the region). The most recent available data (Horwitz, et

al., 2005) indicate that an average sized (38 cm) Largemouth Bass in Pompton Lake averaged 0.72 ug/g of Hg, whereas other water bodies in this region averaged 0.46 ug/g of Hg, and statewide (non Pinelands waters) largemouth bass average 0.44 ug/g.

5.0 RESULTS

To support a remedial action for the delta, additional information concerning the geotechnical and other aspects of the delta sediments were collected in accordance with the *Acid Brook Delta Sampling Plan*, dated October 23, 2003. NJDEP later requested additional horizontal delineation of mercury in sediments and the sediment delineation activities which were presented in the *Delta Sampling Work Plan*, dated April 9, 2004, and finalized in August 2004.

5.1 Analytical Methods and QA/QC

As specified in the work plans, the following analytical methods were used.

Analysis	Analytical Method
Total Mercury	SW-846 7471A (laboratory) PLW XRF (fundamental parameters analysis method)
Moisture	EPA 160.3 modified
Toxic Characteristic Leaching Procedure (TCLP)	SW-846 Method 1311
Synthetic Precipitation Leaching Procedure (SPLP)	SW-846 Method 1312

The electronic data submitted for this sampling event was reviewed via the DuPont Data Review (DDR) process. The DDR is an automated internal review process used by the ADQM group to determine if the data is usable. The data is run through this automated program where a series of checks are performed on the data. The data is evaluated against hold time criteria, checked for blank contamination, assessed against matrix spike (MS)/matrix, spike duplicate (MSD) recoveries, assessed against relative percent differences (RPDs) between these samples, assessed against laboratory control sample(LCS)/control sample duplicate (LCSD) recoveries, assessed against RPDs between these samples, assessed against RPDs between laboratory replicates, and assessed against surrogate spike recoveries. The DDR applies the following data qualifiers to analysis results, as warranted.

DDR Analytical Qualifiers

Qualifier	Definition
B	Not detected substantially above the level in the laboratory of field blanks
R	Unusable result. Analyte may or may not be present in the sample
J	Analyte resent. Report value may not be accurate or precise.
UJ	Not detected. Reporting limit may not be accurate or precise.

All data reported in this RIR was reviewed using the DDR process described above. No data used for evaluation/interpretation in this report was qualified "R." DDR reports are included in Appendix C.

5.1.1 Samples Within the 800-foot Radius(see Figure 2)

Samples collected in December 2003 within the 800-foot line were analyzed by the PLW XRF. The PLW XRF unit is a Spectrace QUAN X XRF. Approximately 10% or 11 of the XRF samples were sent to Lancaster Laboratories, Inc. for additional and confirmational analyses. Lancaster Laboratories analyzed all TCLP and SPLP samples.

5.1.2 Samples Outside the 800-foot Radius (see Figure 2)

All samples collected for delineation outside the 800-foot line were submitted to Lancaster Laboratories, a NJ certified laboratory. Quality Assurance/Quality Control (QA/QC) samples were collected in accordance with the QA/QC plan presented in the *Delta Sampling Work Plan* (April 9, 2004).

For samples submitted to Lancaster Laboratories for total mercury and moisture analyses (i.e., not TCLP or SPLP samples), the following QA/QC samples were collected:

- ❑ Duplicate – 1 per 20 samples minimum
- ❑ Matrix Spike/Matrix Spike Duplicate – 1 per 20 samples minimum
- ❑ Field Blank – one per day
- ❑ Temperature Blank – one per shipment container

All QA/QC samples, exclusive of the temperature blank, were analyzed for total mercury and moisture using the methods presented above.

5.2 Screening Criteria

Based on residential direct contact soil cleanup criteria, six site-specific metals were identified as COPCs in soils within the Acid Brook 100-year flood plain. These COPCs are barium, copper, lead, mercury, selenium, and zinc. For the sediments in Pompton Lake, where Acid Brook discharges, mercury has been identified as the principle COPC. As per the *Delta Sampling Work Plan*, dated April 9, 2004, all mercury analytical results were compared to a criterion of 2 mg/kg as per NJDEP's guidance. TCLP and SPLP analytical results were compared to the specified method standards.

5.3 Uplands Soils

The uplands area is not included in this report. This work will be presented under separate cover.

5.4 Delta Sediments

In December 2003, 68 locations within the 800-foot radius were cored and sampled for a variety of analyses including total mercury, TCLP metals, SPLP metals, and geotechnical properties. The surface interval (0 to 0.5 feet) was analyzed for total mercury to confirm the distribution of mercury at the surface. Samples were analyzed by the PLW XRF with 10% going to Lancaster Laboratories for confirmation. Sample media, date, depth, and analytical parameters are summarized in Table 1. The results are summarized in Table 2

and shown in Figure 2 (total mercury only). The laboratory reports can be found in Appendix C.

Delineation sampling followed the protocol defined in the April 2004 RI work plan. All samples collected in accordance with this approved work plan were analyzed for total mercury and moisture only. A discussion of the results is included in Section 5.4.3. As above, the results are summarized in Table 2 and are shown in Figure 2 (total mercury only). The laboratory reports can be found in Appendix C.

5.4.1 SPLP-TCLP

In December 2003, a total of 148 surface and subsurface samples were collected from 68 locations within the 800-foot radius of the delta. Both TCLP and SPLP analyses were conducted to determine leachability of the metals. The eight Resource Conservation and Recovery Act (RCRA) metals and the six PLW site-specific metals for a total of ten different metals (arsenic, barium, chromium, copper, lead, mercury, selenium, silver, and zinc) were analyzed.

These results were presented in the *Acid Brook Delta Sediment Reuse Plan*, dated November 2005, and are incorporated by reference into this report. As the NJDEP requested in their May 19, 2006 letter response, additional TCLP and SPLP samples will be collected to adequately characterize the final remedial volume to be reused on-site (i.e., samples not exceeding TCLP or SPLP criteria are eligible for on-site re-use).

5.4.2 Geotechnical

In December 2003, geotechnical cores were collected from 16 locations (see Figure 2). These cores were sent to URS's geotechnical laboratory for grain size, triaxial consolidation, and Atterberg Limit analyses. Geotechnical analysis was performed on the sediments, peat, and underlying sand and gravel. The analyses were performed to determine the geotechnical properties of the material to evaluate possible construction considerations. The results for all analyses can be found in Appendix D, and the overviews of the geotechnical properties of each material type are found in the tables below.

Summary of Sediment Geotechnical Properties

Parameter	Top 4-inches of Sediment		Bottom 4-inches of Sediment	
	Average	Range	Average	Range
Permeability (cm/sec)	4.28E-7	4.25E-7 – 2.02E-7	4.09E-7	8.58E-7 – 2.19E-7
Water Content %	352	249 – 440.2	275.3	184.6 – 334.5
Bulk Density (pcf)	73.3	71.7 – 76.9	74.7	71.8 – 78.4
Dry Density (pcf)	16.69	13.3 – 22	20.26	16.5 – 27.5
Porosity (-)	0.89	0.85 – 0.91	0.86	0.81 – 0.88
% Fines	91.76	73.9 – 97.7	92.4	73.9 – 98.7

These results show the following.

- ❑ Sediments are highly plastic, soft, and very compressible fine-grained material with extremely high moisture content.
- ❑ There is minimal variation between the properties of the near shore sediments compared to distal sediments.
- ❑ Average permeability, bulk density, and dry density are slightly higher in the lower sediment compared to the upper sediment.
- ❑ Water content and percentage of fines are higher in the upper sediment compared to the lower sediment.

Summary of Peat and Sand and Gravel Geotechnical Properties

Parameter	Peat		Sand and Gravel	
	Average	Range	Average	Range
Permeability (cm/sec)			8.75E-4	2.1E-6 – 1.4E-3
Water Content %	136	36.3 – 221.5	13.7	6.9 – 28.2
Total Unit Weight (pcf)	95.7	76.5 – 108.4	131.4	106.4 – 142.3
% Fines	54.65	14.1 – 95.2	10.2	1.5 – 34.3

As expected, the underlying sand and gravel have higher permeabilities, lower water content, and lower percentage of fines than the sediment. However, several of the samples had a high percentage of fines typical of a sand-silt-clay mixture.

5.4.3 Delineation

The April 1993 core logs and analytical sample results showed that the six PLW site-specific metals (barium, copper, lead, mercury, selenium, and zinc) were essentially confined to the sediment, and in a few instances, in the peat. None of the metals, however, were detected above screening criteria and/or the practical quantitation limit in the underlying glacial deposits, thereby delineating the constituents vertically (*Delta Sampling Report*, DERS, 1994).

The total mercury delineation analytical results are presented in two sections:

- ❑ Pompton Lake (see Figure 2)
- ❑ The Ramapo River channel leading from the eastern shore of Pompton Lake to the dam (see Figures 2 and 5).

In both areas, sediment samples were collected from the top 0.5 feet (referred to as the “surface” or “surface interval”) and bottom 0.5 feet (referred to as the “deep interval”) of the recovered sediment, and if the thickness was greater than 2 feet at a location, an intermediate interval was collected. The delineation was considered complete when two consecutive sediment sample results along each transect (at a given depth) were equal to or less than 2 mg/kg mercury. Each vertical sample interval was evaluated separately, such that only the sample interval(s) above 2 mg/kg was further delineated. Delineation activities were conducted from August 2004 through November 2007.

Delineation – Pompton Lake

The horizontal delineation of mercury concentrations in the sediment column was completed by advancing borings and collecting samples in the following areas (see Figure 2):

- ❑ Transects A through L radiating outward from the 800-foot line
- ❑ The eastern shore of the lake north of the Ramapo channel (East Shore Transect)
- ❑ The western shore of the lake, north of the Ramapo channel (West Shore Transect)
- ❑ The northern shore of the lake, east of Transect L (North Shore Transect)

A summary of the borings for each transect is presented below. There may be up to three samples per boring location depending on the sediment thickness.

Transect	Borings
Transect A	537-270, 272, 284, 296, 297, 309, 310
Transect B	537-268, 273, 285, 298, 311
Transect C	537-274, 286, 299, 312, 322, 331, 339, 371, 381, 402, 410, 423, 415, 422, 430
Transect D	537-257, 275, 287, 300, 313, 323, 332, 340, 372, 382, 403, 411, 416, 424, 425
Transect E	537-264, 276, 288, 301, 314, 324, 333, 341, 373, 383, 404, 412, 417, 426, 435, 431, 438, 432, 439, 452
Transect F	537- 262, 277, 289, 302, 315, 325, 334, 342, 384, 374
Transect G	537-260, 278, 290, 303, 316, 326, 335, 343, 375, 385, 405, 418, 413, 419, 427, 433, 436, 437, 440, 442, 443, 444, 445, 446, 447
Transect H	537-251, 279, 291, 304, 317, 336, 344, 327, 376
Transect I	537-247, 280, 292, 305, 318, 328, 337, 345, 377, 386, 406, 420, 428, 414, 429, 421, 434b, 475, 476, 505, 506, 508
Transect J	537-245, 281, 293, 319, 329, 306
Transect K	537-282, 294, 307, 320, 330, 338, 346, 378, 407, 387, 518, 519, 520
Transect L	537-241, 283, 308, 321, 295
East Shore Transect	537-460, 461, 462, 463, 499, 500, 501, 502, 503, 509, 510, 511, 512, 513
West Shore Transect	537-494, 495, 496, 497, 498, 448, 449, 450, 451
North Shore Transect	537- 527, 528, 529, 530, 531, 532, 533, 534

Notes: Samples included in Area inside of 800-foot line are shown in Figure 2.

The numeric criteria for termination of a transect were two consecutive clean samples, total mercury equal to or less than 2 mg/kg, and both at the surface and at the base of the sediment. In some cases, transects were terminated by abutting the shore without two consecutive clean samples at both depth intervals, or when the sediment thickness was less than 0.5 feet which prevented the collection of a deep sample. A summary of the reasons for termination of each transects is presented in the table below.

Transect	Transect Termination
Transect A	Terminates at shore.
Transect B	Terminates at shore.
Transect C	Terminates at shore.

Transect	Transect Termination
Transect D	Terminates at shore.
Transect E	Terminates at Transect M (met criteria at surface).
Transect F	Terminates with 4 consecutive borings with no deep interval. Met criteria at surface
Transect G	Terminates at shore (met criteria at surface).
Transect H	Terminates with 4 consecutive borings with no deep interval. Met criteria at surface.
Transect I	Terminates at shore (met criteria at surface).
Transect J	Surface samples only (met criteria at surface). No depth samples.
Transect K	Met criteria both intervals..
Transect L	Terminates at shore (met criteria at surface).
East Shore Transect	Met criteria both intervals.
West Shore Transect	Terminates at Transect M.
North Shore Transect (extension of Transect L)	Met criteria at both intervals..

Note: Criteria are two consecutive samples with Hg concentrations equal to or less than 2 mg/kg.

The results of the total mercury analyses in sediment can be found in Table 2 and are illustrated in Figure 2. The maximum and average concentrations of the 0 to 0.5-foot interval were 367.0 mg/kg and 9.2 mg/kg, respectively, based on 166 samples. The maximum and average deep sample samples were 754.0 and 50.1 mg/kg, respectively, based on 167 samples.

Isoconcentration maps were prepared for the surface samples (see Figure 6) and for the deep samples (see Figure 7). Attempts were made to prepare isoconcentration maps for both the intermediate interval and for discrete 1-foot intervals. These attempts were not successful because limiting the sample interval (e.g., intermediate interval only) limited the number of samples in the subset (e.g., there were only 27% as many locations with intermediate samples as there were surface or deep intervals). The attempts to contour these subsets did not provide any meaningful results because of the limited data..

Figure 6, the total mercury isoconcentration map for the 0 to 0.5-foot sample interval, shows the following:

- ❑ Delineation to 2 mg/kg is complete in this interval.
- ❑ Highest concentrations, greater than 100 mg/kg, were generally found in the delta near Acid Brook (within the 800-foot radius).
- ❑ The only area where 20 mg/kg is exceeded outside the 800-foot radius is on the western shore (Transects A through C) and one location on Transect E at 850 feet.

Figure 7, the total mercury concentration for the deep sample interval (i.e., the bottom of the sediment), shows the following:

- ❑ Concentrations above 2 mg/kg extent to the eastern shore.
- ❑ The area in excess of 10 mg/kg on the western side of the lake extends further towards the Ramapo channel than in the surface interval.

Additional observations are as follows:

- ❑ Total mercury concentrations increase with depth.
- ❑ Sediment thickness is very variable over short distances.
- ❑ Of the 140 locations with multiple sample depths, there were 123 locations at which the deep samples exceeded the delineation criteria and the corresponding surface sample had a lower concentration than the deeper sample.

Delineation – Channel

Cores were advanced along seven transects in the channel beginning at the eastern shore of Pompton Lake (Transect M) and ending approximately 150 feet from the Pompton Dam (Transect S). A summary of samples collected in the channel is presented below.

Transect/Area	Borings
Transect M	537-453 through 537-459, inclusive
Transect N	537-477 through 537-479, inclusive
Transect O	537-464 through 537-466, inclusive
Transect P	537-483 through 537-485, inclusive
Transect Q	537-467 through 537-471, inclusive
Transect R	537-489 through 537-493, inclusive
Transect S	537-472 through 537-474, inclusive
Un-named Tributary	537-486 through 537-488, inclusive
Transect P Island	537-480 through 537-482, inclusive

Analytical results for the channel (Transects M through S and the tributary) showed the following:

- ❑ The majority of the surface sediments samples (26 of 36 samples or 72%) collected have mercury concentrations less than 2 mg/kg.
- ❑ In the surface sediment (0 to 0.5 feet), mercury concentrations ranged from 0.13 to 5.9 mg/kg (at the western limit of Transect M). The average mercury concentration of the surface samples (0 to 0.5 feet) was 1.40 mg/kg.
- ❑ For the deeper sediment samples (greater than 0.5 feet), the range of mercury concentrations was generally lower than 38 mg/kg. The only exceptions were two concentrations: 68.3 mg/kg and 58.5 mg/kg. The average concentration of the deep samples (>0.5 feet) was 13.3 mg/kg.
- ❑ Only two samples exceeded 50 mg/kg mercury, and both were from the deep sediment interval.
- ❑ Overall surface sediment less than 2 ppm overlay deeper sediment where the concentration was higher than 2 ppm.

5.5 Bathymetry

Two bathymetric surveys of the delta inside the 800-foot radius have been performed. As part of the April 1993 investigation activities, Ocean Survey, Inc. (OSI) surveyed the lake bottom to approximately a 500-foot radius from the mouth of the delta (where Acid Brook enters Pompton Lake). That survey was done in NAD 27, NGVD 29 NJ State Plane datum. That bathymetry was presented in the *Delta Sampling Report* (DERS, 1994). As part of the December 2003 sampling activities, the bathymetry was extended out to the existing data perimeter, approximately 800-foot radius from the mouth of the delta. The extended survey was done in NAD 83, NAVD 88 NJ State Plane datum.

In 2007, a new bathymetric survey was performed on Pompton Lake south of the bridge, extending down the Ramapo channel to the dam. This survey, done to current datum, replaces the earlier surveys referenced above and is presented as Figure 8. Generally, the top of sediment elevation seems to show very little change over the 14 year period. There appears to be some minor sediment thickening, however, this could very well be a function of the increased resolution of the 2007 data rather than actual sediment thickening. Regardless, the variation is likely less than 0.2 feet.

5.6 Additional Studies

5.6.1 Acid Brook Water Sampling

As proposed in the *Acid Brook Delta Sampling Plan*, dated October 23, 2003, site personnel collected three water samples from Acid Brook, one at normal flow, one at storm flow conditions, and one at low flow. The sample location is just south of the intersection of Acid Brook and the Lakeside Avenue Bridge (see Figure 2). These data were presented to NJDEP during several team meetings in Trenton.

Water sampling was conducted in January, March, and May 2004 at the following flows:

- Low flow (less than 0.01 m³/sec)
- Base flow (0.0195m³/sec)
- High flow (greater than 0.04 m³/sec)

The table below shows the analytical results of the aforementioned sampling compared to earlier, 1998, sampling.

Constituents	2004 Data	1998 Data (Exponent)
Dissolved Mercury	13.6 to 40.4 ppt	56 to 103 ppt
Total Mercury	30.1 to 47.9 ppt	82 to 134 ppt
Dissolved Copper	2.6 B to 3.5 B ppb	16.1 to 23.6 ppb
Total Copper	5.6 B ppb	18.4 to 31.4 ppb
Hardness	53 to 62 ppm	45 to 65 ppm
Total Suspended Solids	<2.8 ppm	Not analyzed

Notes: ppt = parts per trillion
ppb = parts per billion

ppm = parts per million

B = estimate result, result is less than the reporting limit

Between 1991 and 1997, the Acid Brook on-site to Lakeside Avenue was the subject of remedial efforts that included stream cleaning and excavation of floodplain soils. In 1997, portions of the delta uplands were remediated. The 2004 mercury and copper surface-water concentrations in Acid Brook near its discharge into Pompton Lake show a significant decrease since 1998.

5.6.2 Additional Studies

A variety of additional studies have been performed by DuPont in the Acid Brook Delta. These data were presented to NJDEP during several team meetings in Trenton and were discussed in detail in the *Draft Remedial Action Proposal for Acid Brook Delta Sediments*, dated November 2006. These data are incorporated by reference into this report and will be discussed, as needed, in the Remedial Action Selection Report.

6.0 CONCLUSIONS/RECOMMENDATIONS

6.1 Conclusions

Delineation of mercury to 2 mg/kg in Pompton Lake sediments has been completed. The results of the sediment sampling showed the following:

- ❑ Sediment thickness ranges from 0 to 5.2 feet. Sediment thickness, although variable, generally was less than 2 feet. Sediment was often, but not always, underlain by peat.
- ❑ Water depth ranges from less than 1 foot near the mouth of Acid Brook to greater than 18 feet near the dam.
- ❑ Mercury concentrations generally decrease with distance from the mouth of Acid Brook.
- ❑ Average (115.45 mg/kg) and maximum (1,485.97 mg/kg) surface mercury concentrations within the 800-foot radius are higher than average (9.2 and 50.1 mg/kg) and maximum (367 and 754 mg/kg) surface and subsurface mercury concentrations outside the 800-foot radius.
- ❑ Average and maximum mercury concentrations are, in general, higher in the deeper samples than in the surface samples.
- ❑ There are exceedances of both TCLP and SPLP criteria, but these are limited and will be discussed in more detail in the RASR.

In general, the distribution pattern of mercury in sediments is consistent with the physical parameters of the conceptual site model presented in Section 3 (i.e., the mercury concentrations decrease with distance from the discharge point of Acid Brook; increases with depth, which is consistent with operational history; and are limited to the sediments overlying the peat, which was the original ground surface).

6.2 Recommendations

Based on the data presented in this report and the conclusions offered above, DuPont recommends that a Remedial Action Selection Report be prepared for submission to NJDEP within 60 days of NJDEP's unconditional approval of this report.

7.0 REFERENCES

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TABLES

Table 1
Sample Summary
Acid Brook Delta Remedial Investigation Report
Revised January 2008
DuPont Pompton Lakes Works
Pompton Lakes, New Jersey

Boring Id	Top (feet)	Bottom (feet)	Sample Number	Sample Type	Date Sampled	6010B Total Metals (mg/L)	7470A Total Mercury (mg/L)	7471A Total Mercury (mg/kg)	PLW XRF Total Metals (mg/kg)	Database Project
537-204	0	1.5	POM-E-537-204-(0-1.5)	FS	12/3/2003	16 (6)	2 (7)			ACID BROOK DELTA SEDIMENTS
537-204	0	0.5	POM-E-537-204-0	FS	12/9/2003				3 (8)	UPL_XRF_537_2003-2004
537-204	1.5	3	POM-E-537-204-(1.5-3)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-205	0	1	POM-E-537-205-(0-1)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-205	0	0.5	POM-E-537-205-0	FS	12/9/2003				3	UPL_XRF_537_2003-2004
537-205	1	2	POM-E-537-205-(1-2)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-205	2	3	POM-E-537-205-(2-3)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-206	0	1.75	POM-E-537-206-(0-1.75)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-206	0	0.5	POM-E-537-206-0	FS	12/9/2003				3	UPL_XRF_537_2003-2004
537-206	1.75	3.5	POM-E-537-206-(1.75-3.5)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-207	0	1.5	POM-E-537-207-(0-1.5)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-207	0	0.5	POM-E-537-207-0	FS	12/9/2003				3	UPL_XRF_537_2003-2004
537-207	1.5	3	POM-E-537-207-(1.5-3)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-207	3	4.5	POM-E-537-207-(3-4.5)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-208	0	2	POM-E-537-208-(0-2)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-208	0	0.5	POM-E-537-208-0	FS	12/9/2003				3	UPL_XRF_537_2003-2004
537-208	2	4	POM-E-537-208-(2-4)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-209	0	1.5	POM-E-537-209-(0-1.5)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-209	0	0.5	POM-E-537-209-0	FS	12/9/2003				3	UPL_XRF_537_2003-2004
537-209	1.5	3	POM-E-537-209-(1.5-3)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-209	3	4.5	POM-E-537-209-(3-4.5)	FS	12/3/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-210	0	2.25	POM-E-537-210-(0-2.25)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-210	0	0.5	POM-E-537-210-0	FS	12/9/2003				3	UPL_XRF_537_2003-2004
537-210	2.25	4.5	POM-E-537-210-(2.25-4.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-211	0	1.5	POM-E-537-211-(0-1.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-211	0	0.5	POM-E-537-211-0	FS	12/9/2003				3	UPL_XRF_537_2003-2004
537-211	1.5	3	POM-E-537-211-(1.5-3)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-211	3	4.5	POM-E-537-211-(3-4.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-212	0	2.45	POM-E-537-212-(0-2.45)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-212	0	0.5	POM-E-537-212-0	FS	12/9/2003				3	UPL_XRF_537_2003-2004
537-212	2.45	4.9	POM-E-537-212-(2.45-4.9)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-213	0	1.5	POM-E-537-213-(0-1.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-213	0	0.5	POM-E-537-213-0	FS	12/9/2003				3	UPL_XRF_537_2003-2004
537-213	1.5	3	POM-E-537-213-(1.5-3)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-213	3	4.5	POM-E-537-213-(3-4.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-214	0	2.2	POM-E-537-214-(0-2.2)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-214	0	0.5	POM-E-537-214-0	FS	12/9/2003				3	UPL_XRF_537_2003-2004
537-214	2.2	4.4	POM-E-537-214-(2.2-4.4)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-215	0	1.5	POM-E-537-215-(0-1.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-215	0	0.5	POM-E-537-215-0	FS	12/9/2003				3	UPL_XRF_537_2003-2004
537-215	1.5	3	POM-E-537-215-(1.5-3)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-215	3	4.5	POM-E-537-215-(3-4.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-216	0	2.3	POM-E-537-216-(0-2.3)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-216	0	0.5	POM-E-537-216-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-216	2.3	4.6	POM-E-537-216-(2.3-4.6)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-217	0	1	POM-E-537-217-(0-1)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-217	0	0.5	POM-E-537-217-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-217	1	2	POM-E-537-217-(1-2)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-217	2	3	POM-E-537-217-(2-3)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-218	0	2.25	POM-E-537-218-(0-2.25)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-218	0	0.5	POM-E-537-218-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-218	2.25	4.5	POM-E-537-218-(2.25-4.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-219	0	1.5	POM-E-537-219-(0-1.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-219	0	0.5	POM-E-537-219-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-219	1.5	3	POM-E-537-219-(1.5-3)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-219	3	4.5	POM-E-537-219-(3-4.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-220	0	2.25	POM-E-537-220-(0-2.25)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-220	0	0.5	POM-E-537-220-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-220	2.25	4.5	POM-E-537-220-(2.25-4.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-221	0	1.5	POM-E-537-221-(0-1.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-221	0	0.5	POM-E-537-221-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-221	1.5	3	POM-E-537-221-(1.5-3)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS

Table 1
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Boring Id	Top (feet)	Bottom (feet)	Sample Number	Sample Type	Date Sampled	6010B Total Metals (mg/L)	7470A Total Mercury (mg/L)	7471A Total Mercury (mg/kg)	PLW XRF Total Metals (mg/kg)	Database Project
537-221	3	4.5	POM-E-537-221-(3-4.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-222	0	2.2	POM-E-537-222-(0-2.2)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-222	0	0.5	POM-E-537-222-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-222	0	2.2	POM-E-537-222-(0-2.2)DUP	DUP	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-222	0	0.5	POM-E-537-222-0DUP	DUP	12/9/2003				1	UPL_XRF_537_2003-2004
537-222	2.2	4.4	POM-E-537-222-(2.2-4.4)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-222	2.2	4.4	POM-E-537-222-(2.2-4.4)DUP	DUP	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-223	0	1.5	POM-E-537-223-(0-1.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-223	0	0.5	POM-E-537-223-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-223	0	1.5	POM-E-537-223-(0-1.5)DUP	DUP	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-223	1.5	3	POM-E-537-223-(1.5-3)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-223	1.5	3	POM-E-537-223-(1.5-3)DUP	DUP	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-223	3	4.5	POM-E-537-223-(3-4.5)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-223	3	4.5	POM-E-537-223-(3-4.5)DUP	DUP	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-224	0	1.63	POM-E-537-224-(0-1.63)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-224	0	0.5	POM-E-537-224-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-224	1.63	2.66	POM-E-537-224-(1.63-2.66)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-224	2.66	4.4	POM-E-537-224-(2.66-4.4)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-225	0	1	POM-E-537-225-(0-1)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-225	0	0.5	POM-E-537-225-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-225	1	2	POM-E-537-225-(1-2)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-225	2	3	POM-E-537-225-(2-3)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-226	0	2.05	POM-E-537-226-(0-2.05)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-226	0	0.5	POM-E-537-226-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-226	2.05	4.1	POM-E-537-226-(2.05-4.1)	FS	12/4/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-227	0	2	POM-E-537-227-(0-2)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-227	0	0.5	POM-E-537-227-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-227	2	4	POM-E-537-227-(2-4)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-228	0	1.25	POM-E-537-228-(0-1.25)	FS	12/5/2003	2				ACID BROOK DELTA SEDIMENTS
537-228	0	0.5	POM-E-537-228-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-228	1	1.25	POM-E-537-228-(1.0-1.25)	FS	12/5/2003	14	2			ACID BROOK DELTA SEDIMENTS
537-228	1.25	2.5	POM-E-537-228-(1.25-2.5)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-229	0	2	POM-E-537-229-(0-2)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-229	0	0.5	POM-E-537-229-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-229	2	4	POM-E-537-229-(2-4)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-230	0	1.5	POM-E-537-230-(0-1.5)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-230	0	0.5	POM-E-537-230-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-230	1.5	3	POM-E-537-230-(1.5-3)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-231	0	2	POM-E-537-231-(0-2)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-231	0	0.5	POM-E-537-231-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-231	2	4	POM-E-537-231-(2-4)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-232	0	1.5	POM-E-537-232-(0-1.5)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-232	0	0.5	POM-E-537-232-0	FS	12/9/2003				1	UPL_XRF_537_2003-2004
537-232	1.5	3	POM-E-537-232-(1.5-3)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-233	0	2	POM-E-537-233-(0-2)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-233	0	0.5	POM-E-537-233-0	FS	12/15/2003				1	UPL_XRF_537_2003-2004
537-233	2	4	POM-E-537-233-(2-4)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-234	0	0.6	POM-E-537-234-(0-0.6)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-234	0	0.5	POM-E-537-234-0	FS	12/15/2003				1	UPL_XRF_537_2003-2004
537-234	0.6	1.2	POM-E-537-234-(0.6-1.2)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-235	0	2	POM-E-537-235-(0-2)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-235	0	0.5	POM-E-537-235-0	FS	12/15/2003				1	UPL_XRF_537_2003-2004
537-235	2	4	POM-E-537-235-(2-4)	FS	12/5/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-236	0	0.5	POM-E-537-236-(0-0.5)	FS	12/8/2003			1		ACID BROOK DELTA SEDIMENTS
537-236	0	2.05	POM-E-537-236-(0-2.05)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-236	0	0.5	POM-E-537-236-0	FS	12/15/2003				1	UPL_XRF_537_2003-2004
537-236	2.05	4.1	POM-E-537-236-(2.05-4.1)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-237	0	0.5	POM-E-537-237-(0-0.5)	FS	12/8/2003			1		ACID BROOK DELTA SEDIMENTS
537-237	0	2	POM-E-537-237-(0-2)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-237	0	0.5	POM-E-537-237-0	FS	12/15/2003				1	UPL_XRF_537_2003-2004
537-237	2	4	POM-E-537-237-(2-4)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-238	0	0.5	POM-E-537-238-(0-0.5)	FS	12/8/2003			1		ACID BROOK DELTA SEDIMENTS

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537-238	0	2	POM-E-537-238-(0-2)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-238	0	0.5	POM-E-537-238-0	FS	12/15/2003				1	UPL_XRF_537_2003-2004
537-238	2	4	POM-E-537-238-(2-4)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-239	0	0.5	POM-E-537-239-(0-0.5)	FS	12/8/2003			1		ACID BROOK DELTA SEDIMENTS
537-239	0	1.5	POM-E-537-239-(0-1.5)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-239	0	0.5	POM-E-537-239-0	FS	12/15/2003				1	UPL_XRF_537_2003-2004
537-239	1.5	3	POM-E-537-239-(1.5-3.0)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-240	0	1.9	POM-E-537-240-(0-1.9)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-240	0	0.5	POM-E-537-240-0	FS	12/15/2003				1	UPL_XRF_537_2003-2004
537-240	1.9	3.8	POM-E-537-240-(1.9-3.8)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-241	0	1.5	POM-E-537-241-(0-1.5)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-241	0	0.5	POM-E-537-241-0	FS	12/15/2003				1	UPL_XRF_537_2003-2004
537-241	1.5	3	POM-E-537-241-(1.5-3)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-242	0	2.4	POM-E-537-242-(0-2.4)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-242	0	0.5	POM-E-537-242-0	FS	12/21/2003				1	UPL_XRF_537_2003-2004
537-242	2.4	4.8	POM-E-537-242-(2.4-4.8)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-243	0	1.5	POM-E-537-243-(0-1.5)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-243	0	0.5	POM-E-537-243-0	FS	12/15/2003				1	UPL_XRF_537_2003-2004
537-243	1.5	3	POM-E-537-243-(1.5-3)	FS	12/8/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-244	0	2.65	POM-E-537-244-(0-2.65)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-244	0	0.5	POM-E-537-244-0	FS	12/21/2003				1	UPL_XRF_537_2003-2004
537-244	2.65	5.3	POM-E-537-244-(2.65-5.3)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-245	0	1	POM-E-537-245-(0-1)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-245	0	0.5	POM-E-537-245-0	FS	12/21/2003				1	UPL_XRF_537_2003-2004
537-245	1	2	POM-E-537-245-(1-2)	FS	12/18/2003	14	2			ACID BROOK DELTA SEDIMENTS
537-245	1	2	POM-E-537-245(1-2)	FS	12/18/2003	2				ACID BROOK DELTA SEDIMENTS
537-246	0	1.5	POM-E-537-246-(0-1.5)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-246	0	0.5	POM-E-537-246-0	FS	12/21/2003				1	UPL_XRF_537_2003-2004
537-246	1.5	3	POM-E-537-246-(1.5-3)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-247	0	1	POM-E-537-247-(0-1)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-247	0	0.5	POM-E-537-247-0	FS	12/21/2003				1	UPL_XRF_537_2003-2004
537-247	0	1	POM-E-537-247-(0-1)DUP	DUP	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-247	1	2	POM-E-537-247-(1-2)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-247	1	2	POM-E-537-247-(1-2)DUP	DUP	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-248	0	1.5	POM-E-537-248-(0-1.5)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-248	0	0.5	POM-E-537-248-0	FS	12/21/2003				1	UPL_XRF_537_2003-2004
537-248	1.5	3	POM-E-537-248-(1.5-3)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-249	0	1.5	POM-E-537-249-(0-1.5)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-249	0	0.5	POM-E-537-249-0	FS	12/21/2003				1	UPL_XRF_537_2003-2004
537-249	1.5	3	POM-E-537-249-(1.5-3)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-250	0	1.5	POM-E-537-250-(0-1.5)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-250	0	0.5	POM-E-537-250-0	FS	12/21/2003				1	UPL_XRF_537_2003-2004
537-250	0	1.5	POM-E-537-250-(0-1.5)-DUP	DUP	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-250	0	0.5	POM-E-537-250-0DUP	DUP	12/21/2003				1	UPL_XRF_537_2003-2004
537-250	1.5	3	POM-E-537-250-(1.5-3)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-250	1.5	3	POM-E-537-250-(1.5-3)-DUP	DUP	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-251	0	1	POM-E-537-251-(0-1)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-251	0	0.5	POM-E-537-251-0	FS	12/21/2003				1	UPL_XRF_537_2003-2004
537-251	1	2	POM-E-537-251-(1-2)	FS	12/18/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-252	0	1.5	POM-E-537-252-(0-1.5)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-252	0	0.5	POM-E-537-252-0	FS	12/21/2003				1	UPL_XRF_537_2003-2004
537-252	1.5	3	POM-E-537-252-(1.5-3)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-253	0	0.5	POM-E-537-253-(0-0.5)	FS	12/20/2003			1		ACID BROOK DELTA SEDIMENTS
537-253	0	1.5	POM-E-537-253-(0-1.5)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-253	0	0.5	POM-E-537-253	FS	1/29/2004				2	UPL_XRF_537_2003-2004
537-253	1.5	3	POM-E-537-253-(1.5-3)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-254	0	2.6	POM-E-537-254-(0-2.6)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-254	0	0.5	POM-E-537-254-0	FS	12/21/2003				1	UPL_XRF_537_2003-2004
537-254	2.6	5.2	POM-E-537-254-(2.6-5.2)	FS	12/19/2003	14	2			ACID BROOK DELTA SEDIMENTS
537-254	2.6	5.2	POM-E-537-254-(2.6-5.2)Soil	FS	12/19/2003	2				ACID BROOK DELTA SEDIMENTS
537-255	0	0.5	POM-E-537-255-(0-0.5)	FS	12/20/2003			1		ACID BROOK DELTA SEDIMENTS
537-255	0	1	POM-E-537-255-(0-1)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS

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Boring Id	Top (feet)	Bottom (feet)	Sample Number	Sample Type	Date Sampled	6010B Total Metals (mg/L)	7470A Total Mercury (mg/L)	7471A Total Mercury (mg/kg)	PLW XRF Total Metals (mg/kg)	Database Project
537-255	0	0.5	POM-E-537-255	FS	1/29/2004				2 (7)	UPL_XRF_537_2003-2004
537-255	0	0.5	POM-E-537-255-(0-0.5)-DUP	DUP	12/20/2003			1		ACID BROOK DELTA SEDIMENTS
537-255	0	1	POM-E-537-255-(0-1)-DUP	DUP	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-255	0	0.5	POM-E-537-255DUP	DUP	1/29/2004				2	UPL_XRF_537_2003-2004
537-255	1	2	POM-E-537-255-(1-2)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-255	1	2	POM-E-537-255-(1-2)-DUP	DUP	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-256	0	1.25	POM-E-537-256-(0-1.25)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-256	0	0.5	POM-E-537-256-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-256	1.25	2.5	POM-E-537-256-(1.25-2.5)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-257	0	0.5	POM-E-537-257-(0-0.5)	FS	12/20/2003			1		ACID BROOK DELTA SEDIMENTS
537-257	0	2	POM-E-537-257-(0-2)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-257	0	0.5	POM-E-537-257	FS	1/29/2004				2	UPL_XRF_537_2003-2004
537-257	0	0.5	POM-E-537-257-(0-0.5)-DUP	DUP	12/20/2003			1		ACID BROOK DELTA SEDIMENTS
537-257	0	2	POM-E-537-257-(0-2)-DUP	DUP	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-257	0	0.5	POM-E-537-257DUP	DUP	1/29/2004				2	UPL_XRF_537_2003-2004
537-257	2	4	POM-E-537-257-(2-4)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-257	2	4	POM-E-537-257-(2-4)-DUP	DUP	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-258	0	2.35	POM-E-537-258-(0-2.35)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-258	0	0.5	POM-E-537-258-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-258	2.35	4.7	POM-E-537-258-(2.35-4.7)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-259	0	0.5	POM-E-537-259-(0-0.5)	FS	12/20/2003			1		ACID BROOK DELTA SEDIMENTS
537-259	0	1.5	POM-E-537-259-(0-1.5)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-259	0	0.5	POM-E-537-259	FS	1/29/2004				2	UPL_XRF_537_2003-2004
537-259	0	0.5	POM-E-537-259(0-0.5)-DUP	DUP	12/20/2003			1		ACID BROOK DELTA SEDIMENTS
537-259	0	1.5	POM-E-537-259-(0-1.5)-DUP	DUP	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-259	1.5	3	POM-E-537-259-(1.5-3)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-259	1.5	3	POM-E-537-259-(1.5-3)-DUP	DUP	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-260	0	2	POM-E-537-260-(0-2)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-260	0	0.5	POM-E-537-260-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-260	2	4	POM-E-537-260-(2-4)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-261	0	2	POM-E-537-261-(0-2)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-261	0	0.5	POM-E-537-261-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-261	2	4	POM-E-537-261-(2-4)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-262	0	1.25	POM-E-537-262-(0-1.25)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-262	0	0.5	POM-E-537-262-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-262	1.25	2.5	POM-E-537-262-(1.25-2.5)	FS	12/19/2003	14	2			ACID BROOK DELTA SEDIMENTS
537-262	1.25	2.5	POM-E-537-262(1.25-2.5)	FS	12/19/2003	2				ACID BROOK DELTA SEDIMENTS
537-263	0	2	POM-E-537-263-(0-2)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-263	0	0.5	POM-E-537-263-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-263	2	4	POM-E-537-263-(2-4)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-264	0	1.5	POM-E-537-264-(0-1.5)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-264	0	0.5	POM-E-537-264-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-264	1.5	3	POM-E-537-264-(1.5-3)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-265	0	2.5	POM-E-537-265-(0-2.5)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-265	0	0.5	POM-E-537-265-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-265	2.5	5	POM-E-537-265-(2.5-5)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-266	0	2.1	POM-E-537-266-(0-2.1)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-266	0	0.5	POM-E-537-266-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-266	2.1	4.2	POM-E-537-266-(2.1-4.2)	FS	12/19/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-267	0	2.5	POM-E-537-267-(0-2.5)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-267	0	0.5	POM-E-537-267-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-267	2.5	5	POM-E-537-267-(2.5-5)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-268	0	1.5	POM-E-537-268-(0-1.5)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-268	0	0.5	POM-E-537-268-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-268	0	1.5	POM-E-537-268-(0-1.5)-DUP	DUP	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-268	0	0.5	POM-E-537-268-0/DUP	DUP	12/28/2003				1	UPL_XRF_537_2003-2004
537-268	1.5	3	POM-E-537-268-(1.5-3)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-268	1.5	3	POM-E-537-268-(1.5-3)-DUP	DUP	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-269	0	2.5	POM-E-537-269-(0-2.5)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-269	0	0.5	POM-E-537-269-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-269	2.5	5	POM-E-537-269-(2.5-5)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-270	0	2.25	POM-E-537-270-(0-2.25)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS

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DuPont Pompton Lakes Works
Pompton Lakes, New Jersey

Boring Id	Top (feet)	Bottom (feet)	Sample Number	Sample Type	Date Sampled	6010B Total Metals (mg/L)	7470A Total Mercury (mg/L)	7471A Total Mercury (mg/kg)	PLW XRF Total Metals (mg/kg)	Database Project
537-270	0	0.5	POM-E-537-270-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-270	2.25	4.5	POM-E-537-270-(2.25-4.5)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-271	0	2.5	POM-E-537-271-(0-2.5)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-271	0	0.5	POM-E-537-271-0	FS	12/28/2003				1	UPL_XRF_537_2003-2004
537-271	2.5	5	POM-E-537-271-(2.5-5)	FS	12/20/2003	16	2			ACID BROOK DELTA SEDIMENTS
537-272	0	0.5	POM-E-537-272(0-.5)	FS	8/2/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-272	1.25	1.75	POM-E-537-272(1.25-1.75)	FS	8/2/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-272	2.25	2.75	POM-E-537-272(2.25-2.75)	FS	8/2/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-273	0	0.5	POM-E-537-273(0-.5)	FS	8/2/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-273	1	1.5	POM-E-537-273(1-1.5)	FS	8/2/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-273	2	2.5	POM-E-537-273(2-2.5)	FS	8/2/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-274	0	0.5	POM-E-537-274(0-0.5)	FS	8/2/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-274	1	1.5	POM-E-537-274(1-1.5)	FS	8/2/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-275	0	0.5	POM-E-537-275(0-0.5)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-275	0.75	1.25	POM-E-537-275(0.75-1.25)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-275	1.75	2.25	POM-E-537-275(1.75-2.25)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-276	0	0.5	POM-E-537-276(0-0.5)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-276	1	1.5	POM-E-537-276(1-1.5)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-277	0	0.5	POM-E-537-277(0-0.5)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-277	1.25	1.75	POM-E-537-277(1.25-1.75)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-278	0	0.5	POM-E-537-278(0-0.5)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-278	1.5	2	POM-E-537-278(1.5-2.0)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-279	0	0.5	POM-E-537-279(0-0.5)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-279	0.5	1	POM-E-537-279(.5-1.0)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-280	0	0.5	POM-E-537-280(0-0.5)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-280	0	0.5	POM-E-537-280(0-0.5)-DUP	DUP	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-280	0.5	1	POM-E-537-280(.5-1.0)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-281	0	0.5	POM-E-537-281(0-0.5)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-281	0	0.5	POM-E-537-281(0-0.5)-DUP	DUP	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-282	0	0.5	POM-E-537-282(0-0.5)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-282	1	1.5	POM-E-537-282(1.0-1.5)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-283	0	0.5	POM-E-537-283(0-0.5)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-283	0	0.5	POM-E-537-283(0-.5)-DUP	DUP	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-283	1.5	2	POM-E-537-283(1.5-2.0)	FS	8/3/2004			1		ABD HG DELIN SAMP RND 1 8/04
537-284	0	0.5	POM-E-537-284-0-0.5	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-284	1.5	2	POM-E-537-284-(1.5-2.0)	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-285	0	0.5	POM-E-537-285-0-0.5	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-285	1	1.5	POM-E-537-285-(1.0-1.5)	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-286	0	0.5	POM-E-537-286-0-0.5	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-286	0.75	1.25	POM-E-537-286-(.75-1.25)	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-287	0	0	POM-E-537-287-0-0.5	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-287	0	0.5	POM-E-537-287(0-0.5)-DUP	DUP	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-287	0.75	1.25	POM-E-537-287-(0.75-1.25)	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-288	0	0	POM-E-537-288-0-0.5	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-288	1	1.5	POM-E-537-288-(1.0-1.5)	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-289	0	0	POM-E-537-289-0-0.5	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-289	1	1.5	POM-E-537-289-(1.0-1.5)	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-290	0	0.5	POM-E-537-290-0-0.5	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-290	0.5	1	POM-E-537-290-0.5-1.0	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-291	0	0.5	POM-E-537-291-0-0.5	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-291	1	1.5	POM-E-537-291-(1.0-1.5)	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-292	0	0.5	POM-E-537-292-0-0.5	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-292	1.25	1.75	POM-E-537-292-(1.25-1.75)	FS	8/26/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-293	0	0.5	POM-E-537-293-0-0.5	FS	8/27/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-294	0	0.5	POM-E-537-294-0-0.5	FS	8/27/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-294	0	0.5	POM-E-537-294(0-0.5)-DUP	DUP	8/27/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-294	1.5	2	POM-E-537-294-(1.5-2.0)	FS	8/27/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-295	0	0.5	POM-E-537-295-0-0.5	FS	8/27/2004			1		ABD HG DELIN SAMP RND 2 8/04
537-296	1.5	2	POM-E-537-296-(1.5-2)	FS	9/29/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-297	0	0.5	POM-E-537-297-(0-0.5)	FS	9/29/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-297	1.5	2	POM-E-537-297-(1.5-2.0)	FS	9/29/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-298	0	0.5	POM-E-537-298-(0-0.5)	FS	9/29/2004			1		ABD HG DELIN SAMP RND 3 10/04

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Boring Id	Top (feet)	Bottom (feet)	Sample Number	Sample Type	Date Sampled	6010B Total Metals (mg/L)	7470A Total Mercury (mg/L)	7471A Total Mercury (mg/kg)	PLW XRF Total Metals (mg/kg)	Database Project
537-298	0.5	1	POM-E-537-298-(0.5-1.0)	FS	9/29/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-299	0	0.5	POM-E-537-299-(0-0.5)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-299	0	0.5	POM-E-537-299-(0-0.5)-DUP	DUP	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-299	1.5	2	POM-E-537-299-(1.5-2.0)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-300	0	0.5	POM-E-537-300-(0-0.5)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-300	1.5	2	POM-E-537-300-(1.5-2.0)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-300	1.5	2	POM-E-537-300-(1.5-2.0)-DUP	DUP	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-301	0	0.5	POM-E-537-301-(0-0.5)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-301	1.5	2	POM-E-537-301-(1.5-2.0)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-302	0	0.5	POM-E-537-302-(0-0.5)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-302	1	1.5	POM-E-537-302-(1-1.5)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-303	0	0.5	POM-E-537-303-(0-0.5)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-303	1	1.5	POM-E-537-303-(1-1.5)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-304	0	0.5	POM-E-537-304-(0-0.5)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-304	1.25	1.75	POM-E-537-304-(1.25-1.75)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-305	0	0.5	POM-E-537-305-(0-0.5)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-305	1.5	2	POM-E-537-305-(1.5-2.0)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-306	0	0.5	POM-E-537-306-(0-0.5)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-307	0	0.5	POM-E-537-307(0-0.5)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-307	1.5	2	POM-E-537-307(1.5-2.0)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-308	0	0.5	POM-E-537-308-(0-0.5)	FS	9/30/2004			1		ABD HG DELIN SAMP RND 3 10/04
537-309	1.5	2	POM-E-537-309(1.5-2.0)	FS	10/26/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-310	0	0.5	POM-E-537-310(0-0.5)	FS	10/26/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-311	0	0.5	POM-E-537-311(0-0.5)	FS	10/26/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-312	0	0.5	POM-E-537-312(0-0.5)	FS	10/26/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-312	0	0.5	POM-E-537-312(0-0.5)-DUP	DUP	10/26/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-312	1	1.5	POM-E-537-312(1-1.5)	FS	10/26/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-313	0	0.5	POM-E-537-313(0-0.5)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-313	1	1.5	POM-E-537-313(1-1.5)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-314	0	0.5	POM-E-537-314(0-0.5)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-314	1	1.5	POM-E-537-314(1-1.5)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-315	0	0.5	POM-E-537-315(0-0.5)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-316	0	0.5	POM-E-537-316(0-0.5)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-316	0	0.5	POM-E-537-316(0-0.5)-DUP	DUP	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-316	1	1.5	POM-E-537-316(1.0-1.5)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-317	0	0.5	POM-E-537-317(0-0.5)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-317	0.5	1	POM-E-537-317(0.5-1.0)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-318	0	0.5	POM-E-537-318(0-0.5)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-318	1.5	2	POM-E-537-318(1.5-2.0)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-319	0	0.5	POM-E-537-319(0-0.5)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-320	0	0.5	POM-E-537-320(0-0.5)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-320	0	0	POM-E-537-320(1-1.5)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-321	0	0.5	POM-E-537-321(0-0.5)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-321	1.5	2	POM-E-537-321(1.5-2)	FS	10/27/2004			1		ABD HG DELIN SAMP RND 4 10/04
537-322	0	0.5	POM-E-537-322(0-0.5)	FS	11/22/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-322	1.25	1.75	POM-E-537-322(1.25-1.75)	FS	11/22/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-323	0	0.5	POM-E-537-323(0-0.5)	FS	11/22/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-323	1	1.5	POM-E-537-323(1-1.5)	FS	11/22/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-324	0	0.5	POM-E-537-324(0-0.5)	FS	11/22/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-324	1	1.5	POM-E-537-324(1-1.5)	FS	11/22/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-325	0	0.5	POM-E-537-325(0-0.5)	FS	11/23/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-325	1	1.5	POM-E-537-325(1-1.5)	FS	11/23/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-326	0	0.5	POM-E-537-326(0-0.5)	FS	11/23/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-326	1.5	2	POM-E-537-326(1.5-2.0)	FS	11/23/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-327	0	0.5	POM-E-537-327(0-0.5)	FS	11/23/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-327	0	0.5	POM-E-537-327(0-0.5)-DUP	DUP	11/23/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-328	0	0.5	POM-E-537-328(0-0.5)	FS	11/23/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-328	0.75	1.25	POM-E-537-328(0.75-1.25)	FS	11/23/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-329	0	0.5	POM-E-537-329(0-0.5)	FS	11/23/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-330	0	0.5	POM-E-537-330(0-0.5)	FS	11/23/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-330	1	1.5	POM-E-537-330(1-1.5)	FS	11/23/2004			1		ABD HG DELIN SAMP RND 5 11/04
537-331	0	0.5	POM-E-537-331(0-0.5)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04

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Sample Summary
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DuPont Pompton Lakes Works
Pompton Lakes, New Jersey

Boring Id	Top (feet)	Bottom (feet)	Sample Number	Sample Type	Date Sampled	6010B Total Metals (mg/L)	7470A Total Mercury (mg/L)	7471A Total Mercury (mg/kg)	PLW XRF Total Metals (mg/kg)	Database Project
537-331	1	1.5	POM-E-537-331(1.0-1.5)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-332	0	0.5	POM-E-537-332(0-0.5)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-332	0.75	1.25	POM-E-537-332(0.75-1.25)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-333	0	0.5	POM-E-537-333(0-0.5)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-333	0	0.5	POM-E-537-333(0-0.5)-DUP	DUP	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-333	0.75	1.25	POM-E-537-333(0.75-1.25)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-334	0	0.5	POM-E-537-334(0-0.5)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-335	0	0.5	POM-E-537-335(0-0.5)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-335	1.25	1.75	POM-E-537-335(1.25-1.75)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-335	2.5	3	POM-E-537-335(2.5-3.0)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-336	0	0.5	POM-E-537-336(0-0.5)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-337	0	0.5	POM-E-537-337(0-0.5)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-337	1	1.5	POM-E-537-337(1.0-1.5)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-338	0	0.5	POM-E-537-338(0-0.5)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-338	0.5	1	POM-E-537-338(0.5-1.0)	FS	1/13/2005			1		ABD HG DELIN SAMP RND 6 12/04
537-339	0	0.5	POM-E-537-339(0-0.5)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-339	0.5	1	POM-E-537-339(0.5-1.0)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-340	0	0.5	POM-E-537-340(0-0.5)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-340	1.5	2	POM-E-537-340(1.5-2.0)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-341	0	0.5	POM-E-537-341(0-0.5)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-341	1	1.5	POM-E-537-341(1.0-1.5)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-342	0	0.5	POM-E-537-342(0-0.5)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-343	0	0.5	POM-E-537-343(0-0.5)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-343	0	0.5	POM-E-537-343(0-0.5)-DUP	DUP	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-343	1.25	1.75	POM-E-537-343(1.25-1.75)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-343	2.25	2.75	POM-E-537-343(2.25-2.75)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-344	0	0.5	POM-E-537-344(0-0.5)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-345	0	0.5	POM-E-537-345(0-0.5)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-345	0.75	1.25	POM-E-537-345(0.75-1.25)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-346	0	0.5	POM-E-537-346(0-0.5)	FS	4/19/2005			1		ABD HG DELIN SAMP RND 7 4/05
537-371	0	0.5	POM-E-537-371(0-0.5)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-371	0.5	1	POM-E-537-371(0.5-1.0)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-372	0	0.5	POM-E-537-372(0-0.5)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-372	0	0.5	POM-E-537-372(0-0.5)-DUP	DUP	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-372	1.5	2	POM-E-537-372(1.5-2.0)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-373	0	0.5	POM-E-537-373(0-0.5)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-373	1.5	2	POM-E-537-373(1.5-2.0)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-374	0	0.5	POM-E-537-374(0-0.5)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-375	0	0.5	POM-E-537-375(0-0.5)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-375	1.25	1.75	POM-E-537-375(1.25-1.75)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-375	2.5	3	POM-E-537-375(2.5-3.0)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-376	0	0.5	POM-E-537-376(0-0.5)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-377	0	0.5	POM-E-537-377(0-0.5)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-377	0.75	1.25	POM-E-537-377(0.75-1.25)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-378	0	0.5	POM-E-537-378(0-0.5)	FS	6/8/2005			1		ABD HG DELIN SAMP RND 8 6/05
537-381	0	0.5	POM-E-537-381(0.0-0.5)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-381	0.5	1	POM-E-537-381(6-12)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-381	1	1.67	POM-E-537-381(12-20)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-382	0	0.5	POM-E-537-382(0.0-0.5)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-382	0.5	1	POM-E-537-382(6-12)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-382	1	1.67	POM-E-537-382(12-20)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-383	0	0.5	POM-E-537-383(0.0-0.5)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-383	0	0.6	POM-E-537-383(0.0-0.6)-DUP	DUP	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-383	0.5	1	POM-E-537-383(6-12)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-383	1	1.67	POM-E-537-383(12-20)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-384	0	0.5	POM-E-537-384(0.0-0.5)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-385	0	0.5	POM-E-537-385(0.0-0.5)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-385	0.5	1	POM-E-537-385(6-12)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-385	1	1.67	POM-E-537-385(12-20)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-386	0	0.5	POM-E-537-386(0.0-0.5)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-386	0.5	1	POM-E-537-386(6-12)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05
537-387	0	0.5	POM-E-537-387(0.0-0.5)	FS	8/29/2005			1		ABD HG DELIN SAMP RND 9 8/05

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537-402	0	0.5	POM-E-537-402(0-0.5)	FS	12/1/2005			1		ABD HG DELIN SAMP RND 10 12/05
537-402	1.5	2	POM-E-537-402(1.5-2.0)	FS	12/1/2005			1		ABD HG DELIN SAMP RND 10 12/05
537-403	0	0.5	POM-E-537-403(0-0.5)	FS	12/1/2005			1		ABD HG DELIN SAMP RND 10 12/05
537-403	1.5	2	POM-E-537-403(1.5-2.0)	FS	12/1/2005			1		ABD HG DELIN SAMP RND 10 12/05
537-404	0	0.5	POM-E-537-404(0-0.5)	FS	12/1/2005			1		ABD HG DELIN SAMP RND 10 12/05
537-404	0.9	1.4	POM-E-537-404(0.9-1.4)	FS	12/1/2005			1		ABD HG DELIN SAMP RND 10 12/05
537-405	0	0.5	POM-E-537-405(0-0.5)	FS	12/1/2005			1		ABD HG DELIN SAMP RND 10 12/05
537-405	0.8	1.3	POM-E-537-405(0.8-1.3)	FS	12/1/2005			1		ABD HG DELIN SAMP RND 10 12/05
537-405	1.8	2.3	POM-E-537-405(1.8-2.3)	FS	12/1/2005			1		ABD HG DELIN SAMP RND 10 12/05
537-405	1.8	2.3	POM-E-537-405(1.8-2.3)-DUP	DUP	12/1/2005			1		ABD HG DELIN SAMP RND 10 12/05
537-406	0	0.5	POM-E-537-406(0-0.5)	FS	12/1/2005			1		ABD HG DELIN SAMP RND 10 12/05
537-406	0.6	1.1	POM-E-537-406(0.6-1.1)	FS	12/1/2005			1		ABD HG DELIN SAMP RND 10 12/05
537-407	0	0.5	POM-E-537-407(0-0.5)	FS	12/1/2005			1		ABD HG DELIN SAMP RND 10 12/05
537-410	0	0.5	POM-E-537-410(0-0.5)	FS	5/2/2006			1		ABD HG DELIN SAMP RND 11 5/06
537-410	0.8	1.2	POM-E-537-410(0.8-1.2)	FS	5/2/2006			1		ABD HG DELIN SAMP RND 11 5/06
537-411	0	0.5	POM-E-537-411(0-0.5)	FS	5/2/2006			1		ABD HG DELIN SAMP RND 11 5/06
537-411	0.7	1.3	POM-E-537-411(0.7-1.3)	FS	5/2/2006			1		ABD HG DELIN SAMP RND 11 5/06
537-411	1.6	2.2	POM-E-537-411(1.6-2.2)	FS	5/2/2006			1		ABD HG DELIN SAMP RND 11 5/06
537-412	0	0.5	POM-E-537-412(0-0.5)	FS	5/2/2006			1		ABD HG DELIN SAMP RND 11 5/06
537-412	1.1	1.7	POM-E-537-412(1.1-1.7)	FS	5/2/2006			1		ABD HG DELIN SAMP RND 11 5/06
537-413	0	0.5	POM-E-537-413(0.0-0.5)	FS	5/2/2006			1		ABD HG DELIN SAMP RND 11 5/06
537-413	1	1.6	POM-E-537-413(1.0-1.6)	FS	5/2/2006			1		ABD HG DELIN SAMP RND 11 5/06
537-413	1	1.6	POM-E-537-413(1.0-1.6)-DUP	DUP	5/2/2006			1		ABD HG DELIN SAMP RND 11 5/06
537-414	0	0.4	POM-E-537-414(0.0-0.4)	FS	5/2/2006			1		ABD HG DELIN SAMP RND 11 5/06
537-414	0.4	0.9	POM-E-537-414(0.4-0.9)	FS	5/2/2006			1		ABD HG DELIN SAMP RND 11 5/06
537-415	0	0.5	POM-E-537-415(0-0.5)	FS	5/25/2006			1		ABD HG DELIN SAMP RND 12 5/06
537-415	1.9	2.4	POM-E-537-415(1.9-2.4)	FS	5/25/2006			1		ABD HG DELIN SAMP RND 12 5/06
537-416	0	0.5	POM-E-537-416(0-0.5)	FS	5/25/2006			1		ABD HG DELIN SAMP RND 12 5/06
537-416	1.5	2	POM-E-537-416(1.5-2.0)	FS	5/25/2006			1		ABD HG DELIN SAMP RND 12 5/06
537-416	1.5	2	POM-E-537-416(1.5-2.0)-DUP	DUP	5/25/2006			1		ABD HG DELIN SAMP RND 12 5/06
537-417	0	0.5	POM-E-537-417(0-0.5)	FS	5/25/2006			1		ABD HG DELIN SAMP RND 12 5/06
537-417	0.5	1	POM-E-537-417(0.5-1.0)	FS	5/25/2006			1		ABD HG DELIN SAMP RND 12 5/06
537-418	0	0.5	POM-E-537-418(0-0.5)	FS	5/25/2006			1		ABD HG DELIN SAMP RND 12 5/06
537-419	1.5	2	POM-E-537-419(1.5-2.0)	FS	5/25/2006			1		ABD HG DELIN SAMP RND 12 5/06
537-420	0	0.5	POM-E-537-420(0-0.5)	FS	5/25/2006			1		ABD HG DELIN SAMP RND 12 5/06
537-421	0.4	0.9	POM-E-537-421(0.4-0.9)	FS	5/25/2006			1		ABD HG DELIN SAMP RND 12 5/06
537-422	0	0.5	POM-E-537-422(0-0.5)	FS	6/15/2006			1		ABD HG DELIN SAMP RND 13 6/06
537-423	0.6	1.1	POM-E-537-423(0.6-1.1)	FS	6/15/2006			1		ABD HG DELIN SAMP RND 13 6/06
537-423	0.6	1.1	POM-E-537-423(0.6-1.1)-DUP	DUP	6/15/2006			1		ABD HG DELIN SAMP RND 13 6/06
537-424	0	0.5	POM-E-537-424(0-0.5)	FS	6/15/2006			1		ABD HG DELIN SAMP RND 13 6/06
537-425	1.2	1.7	POM-E-537-425(1.2-1.7)	FS	6/15/2006			1		ABD HG DELIN SAMP RND 13 6/06
537-426	0	0.4	POM-E-537-426(0-0.4)	FS	6/15/2006			1		ABD HG DELIN SAMP RND 13 6/06
537-427	0.95	1.55	POM-E-537-427(0.95-1.55)	FS	6/15/2006			1		ABD HG DELIN SAMP RND 13 6/06
537-427	2	2.5	POM-E-537-427(2.0-2.5)	FS	6/15/2006			1		ABD HG DELIN SAMP RND 13 6/06
537-428	0	0.4	POM-E-537-428(0-0.4)	FS	6/15/2006			1		ABD HG DELIN SAMP RND 13 6/06
537-429	0.1	0.6	POM-E-537-429(0.1-0.6)	FS	6/15/2006			1		ABD HG DELIN SAMP RND 13 6/06
537-430	0	0.5	POM-E-537-430(0-0.5)	FS	7/13/2006			1		ABD HG DELIN SAMP RND 14 7/06
537-431	0	0.5	POM-E-537-431(0.0-0.5)	FS	8/3/2006			1		ABD HG DELIN SAMP RND 15 8/06
537-431	0	0.5	POM-E-537-431(0.0-0.5)-DUP	DUP	8/3/2006			1		ABD HG DELIN SAMP RND 15 8/06
537-431	1.2	1.7	POM-E-537-431(1.2-1.7)	FS	8/3/2006			1		ABD HG DELIN SAMP RND 15 8/06
537-432	0	0.5	POM-E-537-432(0-0.5)	FS	8/3/2006			1		ABD HG DELIN SAMP RND 15 8/06
537-432	1	1.5	POM-E-537-432(1.0-1.5)	FS	8/3/2006			1		ABD HG DELIN SAMP RND 15 8/06
537-434B	0.3	0.6	POM-E-537-434B(0.3-0.6)	FS	8/3/2006			1		ABD HG DELIN SAMP RND 15 8/06
537-433	0.9	1.4	POM-E-537-433(0.9-1.4)	FS	7/13/2006			1		ABD HG DELIN SAMP RND 14 7/06
537-433	1.8	2.3	POM-E-537-433(1.8-2.3)	FS	7/13/2006			1		ABD HG DELIN SAMP RND 14 7/06
537-435	0	0.5	POM-E-537-435(0-0.5)	FS	7/13/2006			1		ABD HG DELIN SAMP RND 14 7/06
537-435	1.975	2.475	POM-E-537-435(1.975-2.475)	FS	7/13/2006			1		ABD HG DELIN SAMP RND 14 7/06
537-435	1.975	2.475	POM-E-537-435(1.975-2.475)-DUP	DUP	7/13/2006			1		ABD HG DELIN SAMP RND 14 7/06
537-435	4	4.5	POM-E-537-435(4.0-4.5)	FS	7/13/2006			1		ABD HG DELIN SAMP RND 14 7/06
537-436	0.6	1.1	POM-E-537-436(0.6-1.1)	FS	8/3/2006			1		ABD HG DELIN SAMP RND 15 8/06
537-437	1.4	1.9	POM-E-537-437(1.4-1.9)	FS	8/3/2006			1		ABD HG DELIN SAMP RND 15 8/06
537-438	0	0.5	POM-E-537-438(0-0.5)	FS	8/24/2006			1		ABD HG DELIN SAMP RND 16 8/06

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537-440	0.9	1.4	POM-E-537-440(0.9-1.4)	FS	8/24/2006			1		ABD HG DELIN SAMP RND 16 8/06
537-440	0.9	1.4	POM-E-537-440(0.9-1.4)-DUP	DUP	8/24/2006			1		ABD HG DELIN SAMP RND 16 8/06
537-442	0.9	1.4	POM-E-537-442(0.9-1.4)	FS	9/7/2006			1		ABD HG DELIN SAMP RND 17 9/06
537-442	0.9	1.4	POM-E-537-442(0.9-1.4)-DUP	DUP	9/7/2006			1		ABD HG DELIN SAMP RND 17 9/06
537-443	1.3	1.8	POM-E-537-443(1.3-1.8)	FS	9/7/2006			1		ABD HG DELIN SAMP RND 17 9/06
537-444	1.1	1.6	POM-E-537-444(1.1-1.6)	FS	9/21/2006			1		ABD HG DELIN SAMP RND 18 9/06
537-444	1.1	1.6	POM-E-537-444(1.1-1.6)-DUP	DUP	9/21/2006			1		ABD HG DELIN SAMP RND 18 9/06
537-445	1	1.5	POM-E-537-445(1.0-1.5)	FS	9/21/2006			1		ABD HG DELIN SAMP RND 18 9/06
537-445	2	2.5	POM-E-537-445(2.0-2.5)	FS	9/21/2006			1		ABD HG DELIN SAMP RND 18 9/06
537-446	1.5	2	POM-E-537-446(1.5-2.0)	FS	9/21/2006			1		ABD HG DELIN SAMP RND 18 9/06
537-447	1.3	1.6	POM-E-537-447(1.3-1.6)	FS	9/21/2006			1		ABD HG DELIN SAMP RND 18 9/06
537-448	0	0.5	POM-E-537-448(0.0-0.5)	FS	1/11/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-449	0	0.5	POM-E-537-449(0.0-0.5)	FS	1/11/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-449	1.05	1.55	POM-E-537-449(1.05-1.55)	FS	1/11/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-449	1.05	1.55	POM-E-537-449(1.05-1.55)-DUP	DUP	1/11/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-449	2.1	2.6	POM-E-537-449(2.1-2.6)	FS	1/11/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-450	0	0.5	POM-E-537-450(0.0-0.5)	FS	1/11/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-451	0	0.5	POM-E-537-451(0.0-0.5)	FS	1/11/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-451	1.25	1.75	POM-E-537-451(1.25-1.75)	FS	1/11/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-451	2.5	3	POM-E-537-451(2.5-3.0)	FS	1/11/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-452	0	0.5	POM-E-537-452(0.0-0.5)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-452	0.75	1.25	POM-E-537-452(0.75-1.25)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-452	0.75	1.25	POM-E-537-452(0.75-1.25)-DUP	DUP	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-452	1.5	2	POM-E-537-452(1.5-2.0)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-453	0	0.5	POM-E-537-453(0.0-0.5)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-453	1.35	1.85	POM-E-537-453(1.35-1.85)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-453	2.7	3.2	POM-E-537-453(2.7-3.2)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-454	0	0.5	POM-E-537-454(0.0-0.5)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-454	1.4	1.9	POM-E-537-454(1.4-1.9)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-455	0	0.5	POM-E-537-455(0.0-0.5)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-455	1.1	1.6	POM-E-537-455(1.1-1.6)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-456	0	0.5	POM-E-537-456(0.0-0.5)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-456	0.85	1.35	POM-E-537-456(0.85-1.35)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-456	1.8	2.3	POM-E-537-456(1.8-2.3)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-457	0	0.5	POM-E-537-457(0.0-0.5)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-457	1.1	1.5	POM-E-537-457(1.1-1.5)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-458	0	0.5	POM-E-537-458(0.0-0.5)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-458	1.2	1.7	POM-E-537-458(1.2-1.7)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-459	0	0.5	POM-E-537-459(0.0-0.5)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-459	0.9	1.4	POM-E-537-459(0.9-1.4)	FS	1/12/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-460	0	0.5	POM-E-537-460(0.0-0.5)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-460	1.5	2	POM-E-537-460(1.5-2.0)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-461	0	0.5	POM-E-537-461(0.0-0.5)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-461	1.2	1.7	POM-E-537-461(1.2-1.7)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-461	1.2	1.7	POM-E-537-461(1.2-1.7)-DUP	DUP	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-461	2.4	2.9	POM-E-537-461(2.4-2.9)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-462	0	0.5	POM-E-537-462(0.0-0.5)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-462	0.9	1.4	POM-E-537-462(0.9-1.4)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-462	1.7	2.2	POM-E-537-462(1.7-2.2)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-463	0	0.5	POM-E-537-463(0.0-0.5)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-463	1.4	1.9	POM-E-537-463(1.4-1.9)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-464	0	0.5	POM-E-537-464(0.0-0.5)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-464	0.5	1	POM-E-537-464(0.5-1.0)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-465	0	0.5	POM-E-537-465(0.0-0.5)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-465	1.1	1.6	POM-E-537-465(1.1-1.6)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-465	2.1	2.6	POM-E-537-465(2.1-2.6)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-466	0	0.5	POM-E-537-466(0.0-0.5)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-466	0.5	1	POM-E-537-466(0.5-1.0)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-467	0	0.5	POM-E-537-467(0.0-0.5)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-467	0.9	1.4	POM-E-537-467(0.9-1.4)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-467	1.7	2.2	POM-E-537-467(1.7-2.2)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-468	0	0.5	POM-E-537-468(0.0-0.5)	FS	1/16/2007			1		ABD HG DELIN SAMP RND 19 1/07

Table 1
Sample Summary
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Revised January 2008
DuPont Pompton Lakes Works
Pompton Lakes, New Jersey

Boring Id	Top (feet)	Bottom (feet)	Sample Number	Sample Type	Date Sampled	6010B Total Metals (mg/L)	7470A Total Mercury (mg/L)	7471A Total Mercury (mg/kg)	PLW XRF Total Metals (mg/kg)	Database Project
537-469	0	0.5	POM-E-537-469(0.0-0.5)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-469	1.1	1.6	POM-E-537-469(1.1-1.6)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-469	1.1	1.6	POM-E-537-469(1.1-1.6)-DUP	DUP	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-469	2	2.5	POM-E-537-469(2.0-2.5)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-470	0	0.5	POM-E-537-470(0.0-0.5)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-470	0.6	1.1	POM-E-537-470(0.6-1.1)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-471	0	0.5	POM-E-537-471(0.0-0.5)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-471	0.5	1	POM-E-537-471(0.5-1.0)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-472	0	0.5	POM-E-537-472(0.0-0.5)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-472	1.1	1.6	POM-E-537-472(1.1-1.6)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-472	2.1	2.6	POM-E-537-472(2.1-2.6)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-473	0	0.5	POM-E-537-473(0.0-0.5)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-473	0.6	1.1	POM-E-537-473(0.6-1.1)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-474	0	0.5	POM-E-537-474(0.0-0.5)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-474	1	1.5	POM-E-537-474(1.0-1.5)	FS	1/17/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-475	0	0.5	POM-E-537-475(0.0-0.5)	FS	1/11/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-475	1.2	1.7	POM-E-537-475(1.2-1.7)	FS	1/11/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-476	0	0.5	POM-E-537-476(0.0-0.5)	FS	1/11/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-476	1.5	2	POM-E-537-476(1.5-2.0)	FS	1/11/2007			1		ABD HG DELIN SAMP RND 19 1/07
537-477	0	0.5	POM-E-537-477(0.0-0.5)	FS	4/19/2007			1		ABD HG DELIN RND 20 4/07
537-477	0.7	1.2	POM-E-537-477(0.7-1.2)	FS	4/19/2007			1		ABD HG DELIN RND 20 4/07
537-478	0	0.5	POM-E-537-478(0.0-0.5)	FS	4/19/2007			1		ABD HG DELIN RND 20 4/07
537-478	0.9	1.4	POM-E-537-478(0.9-1.4)	FS	4/19/2007			1		ABD HG DELIN RND 20 4/07
537-478	1.9	2.4	POM-E-537-478(1.9-2.4)	FS	4/19/2007			1		ABD HG DELIN RND 20 4/07
537-478	1.9	2.4	POM-E-537-478(1.9-2.4)-DUP	DUP	4/19/2007			1		ABD HG DELIN RND 20 4/07
537-479	0	0.5	POM-E-537-479(0.0-0.5)	FS	4/19/2007			1		ABD HG DELIN RND 20 4/07
537-479	0.9	1.4	POM-E-537-479(0.9-1.4)	FS	4/19/2007			1		ABD HG DELIN RND 20 4/07
537-480	0	0.5	POM-E-537-480(0.0-0.5)	FS	4/20/2007			1		ABD HG DELIN RND 20 4/07
537-480	1.2	1.7	POM-E-537-480(1.2-1.7)	FS	4/20/2007			1		ABD HG DELIN RND 20 4/07
537-481	0	0.5	POM-E-537-481(0.0-0.5)	FS	5/1/2007			1		ABD HG DELIN RND 20 4/07
537-481	0	0.5	POM-E-537-481(0.0-0.5)-DUP	DUP	5/1/2007			1		ABD HG DELIN RND 20 4/07
537-482	0	0.5	POM-E-537-482(0.0-0.5)	FS	4/20/2007			1		ABD HG DELIN RND 20 4/07
537-482	1.2	1.7	POM-E-537-482(1.2-1.7)	FS	4/20/2007			1		ABD HG DELIN RND 20 4/07
537-483	0	0.5	POM-E-537-483(0.0-0.5)	FS	4/20/2007			1		ABD HG DELIN RND 20 4/07
537-483	0.7	1.2	POM-E-537-483(0.7-1.2)	FS	4/20/2007			1		ABD HG DELIN RND 20 4/07
537-484	0	0.5	POM-E-537-484(0.0-0.5)	FS	4/20/2007			1		ABD HG DELIN RND 20 4/07
537-484	0.9	1.4	POM-E-537-484(0.9-1.4)	FS	4/20/2007			1		ABD HG DELIN RND 20 4/07
537-484	1.8	2.3	POM-E-537-484(1.8-2.3)	FS	4/20/2007			1		ABD HG DELIN RND 20 4/07
537-484	1.8	2.3	POM-E-537-484(1.8-2.3)-DUP	DUP	4/20/2007			1		ABD HG DELIN RND 20 4/07
537-485	0	0.5	POM-E-537-485(0.0-0.5)	FS	4/20/2007			1		ABD HG DELIN RND 20 4/07
537-485	0.5	0.8	POM-E-537-485(0.5-0.8)	FS	4/20/2007			1		ABD HG DELIN RND 20 4/07
537-486	0	0.5	POM-E-537-486(0.0-0.5)	FS	4/23/2007			1		ABD HG DELIN RND 20 4/07
537-487	0	0.5	POM-E-537-487(0.0-0.5)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-487	0.5	1	POM-E-537-487(0.5-1.0)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-488	0	0.5	POM-E-537-488(0.0-0.5)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-488	0.95	1.45	POM-E-537-488(0.95-1.45)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-488	1.9	2.4	POM-E-537-488(1.9-2.4)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-489	0	0.5	POM-E-537-489(0.0-0.5)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-489	1	1.5	POM-E-537-489(1.0-1.5)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-489	2	2.5	POM-E-537-489(2.0-2.5)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-489	2	2.5	POM-E-537-489(2.0-2.5)-DUP	DUP	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-490	0	0.5	POM-E-537-490(0.0-0.5)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-491	0	0.4	POM-E-537-491(0.0-0.4)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-491	0.6	1.1	POM-E-537-491(0.6-1.1)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-492	0	0.5	POM-E-537-492(0.0-0.5)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-492	1.4	1.9	POM-E-537-492(1.4-1.9)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-492	2.8	3.3	POM-E-537-492(2.8-3.3)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-493	0	0.5	POM-E-537-493(0.0-0.5)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-493	1.25	1.85	POM-E-537-493(1.25-1.85)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-493	2.5	3	POM-E-537-493(2.5-3.0)	FS	4/11/2007			1		ABD HG DELIN RND 20 4/07
537-494	0	0.5	POM-E-537-494(0.0-0.5)	FS	4/23/2007			1		ABD HG DELIN RND 20 4/07
537-494	0.9	1.4	POM-E-537-494(0.9-1.4)	FS	4/23/2007			1		ABD HG DELIN RND 20 4/07

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Boring Id	Top (feet)	Bottom (feet)	Sample Number	Sample Type	Date Sampled	6010B Total Metals (mg/L)	7470A Total Mercury (mg/L)	7471A Total Mercury (mg/kg)	PLW XRF Total Metals (mg/kg)	Database Project
537-494	1.8	2.3	POM-E-537-494(1.8-2.3)	FS	4/23/2007			1		ABD HG DELIN RND 20 4/07
537-495	0	0.5	POM-E-537-495(0.0-0.5)	FS	4/23/2007			1		ABD HG DELIN RND 20 4/07
537-495	0.5	0.8	POM-E-537-495(0.5-0.8)	FS	4/23/2007			1		ABD HG DELIN RND 20 4/07
537-496	0	0.5	POM-E-537-496(0.0-0.5)	FS	4/23/2007			1		ABD HG DELIN RND 20 4/07
537-496	0.5	1	POM-E-537-496(0.5-1.0)	FS	4/23/2007			1		ABD HG DELIN RND 20 4/07
537-496	0.5	1	POM-E-537-496(0.5-1.0)-DUP	DUP	4/23/2007			1		ABD HG DELIN RND 20 4/07
537-497	0	0.5	POM-E-537-497(0.0-0.5)	FS	4/23/2007			1		ABD HG DELIN RND 20 4/07
537-497	1.25	1.75	POM-E-537-497(1.25-1.75)	FS	4/23/2007			1		ABD HG DELIN RND 20 4/07
537-497	2.5	3	POM-E-537-497(2.5-3.0)	FS	4/23/2007			1		ABD HG DELIN RND 20 4/07
537-498	0	0.5	POM-E-537-498(0.0-0.5)	FS	4/23/2007			1		ABD HG DELIN RND 20 4/07
537-498	0.5	1	POM-E-537-498(0.5-1.0)	FS	4/23/2007			1		ABD HG DELIN RND 20 4/07
537-499	0	0.5	POM-E-537-499(0.0-0.5)	FS	8/22/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-499	1.3	1.8	POM-E-537-499(1.3-1.8)	FS	8/22/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-499	2.5	3	POM-E-537-499(2.5-3.0)	FS	8/22/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-500	0	0.5	POM-E-537-500(0.0-0.5)	FS	8/22/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-500	0.8	1.3	POM-E-537-500(0.8-1.3)	FS	8/22/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-500	1.6	2.1	POM-E-537-500(1.6-2.1)	FS	8/22/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-500	1.6	2.1	POM-E-537-500(1.6-2.1)-DUP	DUP	8/22/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-501	1.15	1.65	POM-E-537-501(1.15-1.65)	FS	8/23/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-501	2.3	2.8	POM-E-537-501(2.3-2.8)	FS	8/23/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-502	0.5	1	POM-E-537-502(0.5-1.0)	FS	8/23/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-503	0.7	1.2	POM-E-537-503(0.7-1.2)	FS	8/23/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-505	1.2	1.7	POM-E-537-505(1.2-1.7)	FS	8/22/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-506	1.1	1.6	POM-E-537-506(1.1-1.6)	FS	8/22/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-506	2.2	2.7	POM-E-537-506(2.2-2.7)	FS	8/22/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-508	0.5	0.85	POM-E-537-508(0.5-0.85)	FS	8/23/2007			1		ABD HG DELIN SAMP RND 21 8/07
537-509	1.1	1.6	POM-E-537-509(1.1-1.6)	FS	10/17/2007			1		ABD HG DELIN SAMP RND 22 10/07
537-510	0.7	1.2	POM-E-537-510(0.7-1.2)	FS	10/17/2007			1		ABD HG DELIN SAMP RND 22 10/07
537-510	0.7	1.2	POM-E-537-510(0.7-1.2)-DUP	DUP	10/17/2007			1		ABD HG DELIN SAMP RND 22 10/07
537-511	1.1	1.6	POM-E-537-511(1.1-1.6)	FS	10/18/2007			1		ABD HG DELIN SAMP RND 22 10/07
537-512	0.5	0.9	POM-E-537-512(0.5-0.9)	FS	10/18/2007			1		ABD HG DELIN SAMP RND 22 10/07
537-513	0.5	0.9	POM-E-537-513(0.5-0.9)	FS	10/18/2007			1		ABD HG DELIN SAMP RND 22 10/07
537-518	2	2.5	POM-E-537-518(2.0-2.5)	FS	10/17/2007			1		ABD HG DELIN SAMP RND 22 10/07
537-518	4	4.5	POM-E-537-518(4.0-4.5)	FS	10/17/2007			1		ABD HG DELIN SAMP RND 22 10/07
537-519	1	1.5	POM-E-537-519(1.0-1.5)	FS	10/17/2007			1		ABD HG DELIN SAMP RND 22 10/07
537-520	0.5	1	POM-E-537-520(0.5-1.0)	FS	10/18/2007			1		ABD HG DELIN SAMP RND 22 10/07
537-527	1.25	1.75	POM-E-537-527(1.25-1.75)	FS	11/14/2007			1		ABD HG DELIN SAMP RND 23 11/07
537-527	2.5	3	POM-E-537-527(2.5-3.0)	FS	11/14/2007			1		ABD HG DELIN SAMP RND 23 11/07
537-527	2.5	3	POM-E-537-527(2.5-3.0)-DUP	DUP	11/14/2007			1		ABD HG DELIN SAMP RND 23 11/07
537-529	0.7	1.2	POM-E-537-529(0.7-1.2)	FS	11/14/2007			1		ABD HG DELIN SAMP RND 23 11/07
537-530	2.35	2.87	POM-E-537-530(2.35-2.87)	FS	11/14/2007			1		ABD HG DELIN SAMP RND 23 11/07
537-530	4.7	5.2	POM-E-537-530(4.7-5.2)	FS	11/14/2007			1		ABD HG DELIN SAMP RND 23 11/07
537-531	2.15	2.65	POM-E-537-531(2.15-2.65)	FS	11/14/2007			1		ABD HG DELIN SAMP RND 23 11/07
537-531	4.3	4.8	POM-E-537-531(4.3-4.8)	FS	11/14/2007			1		ABD HG DELIN SAMP RND 23 11/07
537-532	1.5	2	POM-E-537-532(1.5-2.0)	FS	11/14/2007			1		ABD HG DELIN SAMP RND 23 11/07
537-532	3	3.5	POM-E-537-532(3.0-3.5)	FS	11/14/2007			1		ABD HG DELIN SAMP RND 23 11/07
537-533	1.6	2.1	POM-E-537-533(1.6-2.1)	FS	11/14/2007			1		ABD HG DELIN SAMP RND 23 11/07

- Notes:
- (1) 6010B, 7470A and 7471A run at Lancaster Laboratory, Inc, a NJ certified lab.
 - (2) The 6010B and 7470A results were presented in the "Acid Brook Delta Sediment Reuse Plan", dated November 2005, and are incorporated by reference into
 - (3) PLW XRF: PLW on-site Quan X, X-ray Fluorescence Machine located in the on-site screening lab.
 - (4) FS = field sample
 - (5) DUP = Duplicate
 - (6) 16 denotes 16 individual analyses, 7 TCLP metals (As, Ba, Cd, Cr, Pb, Se, and Ag), and 9 SPLP metals (As, Ba, Cd, Cr, Pb, Se, Ag and Zn)
 - (7) 2 means for 7470A 2 individual analyses, TCLP mercury and SPLP mercury, and for PLW XRF 2 individual analyses, lead and mercury
 - (8) 3 means 3 individual analyses, copper, lead and mercury
 - (9) Database Project is the database project dataset name for the subset including the referenced sample.

Table 2
Total Mercury Analytical Results 2003 through 2007 Summary
Acid Brook Delta Remedial Investigation Report
Revised January 2008
DuPont Pompton Lakes Works
Pompton Lakes, New Jersey

Location	Boring Id	Top (feet)	Bottom (feet)	Date Sampled	Sample Type	Mercury Results (mg/kg)	Hit	Sample Number	Lab Number	Project Name
800'	537-204	0	0.5	12/9/2003		157.158	1	POM-E-537-204-0	537204-001	UPL_XRF_537_2003-2004
800'	537-205	0	0.5	12/9/2003		696.525	1	POM-E-537-205-0	537205-001	UPL_XRF_537_2003-2004
800'	537-206	0	0.5	12/9/2003		236.542	1	POM-E-537-206-0	537206-001	UPL_XRF_537_2003-2004
800'	537-207	0	0.5	12/9/2003		83.928	1	POM-E-537-207-0	537207-001	UPL_XRF_537_2003-2004
800'	537-208	0	0.5	12/9/2003		1485.969	1	POM-E-537-208-0	537208-001	UPL_XRF_537_2003-2004
800'	537-209	0	0.5	12/9/2003		103.33	1	POM-E-537-209-0	537209-001	UPL_XRF_537_2003-2004
800'	537-210	0	0.5	12/9/2003		330.589	1	POM-E-537-210-0	537210-001	UPL_XRF_537_2003-2004
800'	537-211	0	0.5	12/9/2003		71.423	1	POM-E-537-211-0	537211-001	UPL_XRF_537_2003-2004
800'	537-212	0	0.5	12/9/2003		188.515	1	POM-E-537-212-0	537212-001	UPL_XRF_537_2003-2004
800'	537-213	0	0.5	12/9/2003		90.716	1	POM-E-537-213-0	537213-001	UPL_XRF_537_2003-2004
800'	537-214	0	0.5	12/9/2003		357.675	1	POM-E-537-214-0	537214-001	UPL_XRF_537_2003-2004
800'	537-215	0	0.5	12/9/2003		210.991	1	POM-E-537-215-0	537215-001	UPL_XRF_537_2003-2004
800'	537-216	0	0.5	12/9/2003		361.43	1	POM-E-537-216-0	537216-001	UPL_XRF_537_2003-2004
800'	537-217	0	0.5	12/9/2003		54.903	1	POM-E-537-217-0	537217-001	UPL_XRF_537_2003-2004
800'	537-218	0	0.5	12/9/2003		132.208	1	POM-E-537-218-0	537218-001	UPL_XRF_537_2003-2004
800'	537-219	0	0.5	12/9/2003		102.802	1	POM-E-537-219-0	537219-001	UPL_XRF_537_2003-2004
800'	537-220	0	0.5	12/9/2003		121.32	1	POM-E-537-220-0	537220-001	UPL_XRF_537_2003-2004
800'	537-221	0	0.5	12/9/2003		111.554	1	POM-E-537-221-0	537221-001	UPL_XRF_537_2003-2004
800'	537-222	0	0.5	12/9/2003	DUP	495.737	1	POM-E-537-222-0DUP	537222-002	UPL_XRF_537_2003-2004
800'	537-222	0	0.5	12/9/2003		383.945	1	POM-E-537-222-0	537222-001	UPL_XRF_537_2003-2004
800'	537-223	0	0.5	12/9/2003		81.934	1	POM-E-537-223-0	537223-001	UPL_XRF_537_2003-2004
800'	537-224	0	0.5	12/9/2003		9.273	1	POM-E-537-224-0	537224-001	UPL_XRF_537_2003-2004
800'	537-225	0	0.5	12/9/2003		63.626	1	POM-E-537-225-0	537225-001	UPL_XRF_537_2003-2004
800'	537-226	0	0.5	12/9/2003		128.098	1	POM-E-537-226-0	537226-001	UPL_XRF_537_2003-2004
800'	537-227	0	0.5	12/9/2003		3.955	1	POM-E-537-227-0	537227-001	UPL_XRF_537_2003-2004
800'	537-228	0	0.5	12/9/2003		600.324	1	POM-E-537-228-0	537228-001	UPL_XRF_537_2003-2004
800'	537-229	0	0.5	12/9/2003		73.031	1	POM-E-537-229-0	537229-001	UPL_XRF_537_2003-2004
800'	537-230	0	0.5	12/9/2003		62.079	1	POM-E-537-230-0	537230-001	UPL_XRF_537_2003-2004
800'	537-231	0	0.5	12/9/2003		61.207	1	POM-E-537-231-0	537231-001	UPL_XRF_537_2003-2004
800'	537-232	0	0.5	12/9/2003		114.571	1	POM-E-537-232-0	537232-001	UPL_XRF_537_2003-2004
800'	537-233	0	0.5	12/15/2003		57.223	1	POM-E-537-233-0	537233-001	UPL_XRF_537_2003-2004
800'	537-234	0	0.5	12/15/2003		ND ()	0	POM-E-537-234-0	537234-001	UPL_XRF_537_2003-2004
800'	537-235	0	0.5	12/15/2003		15.769	1	POM-E-537-235-0	537235-001	UPL_XRF_537_2003-2004
800'	537-236	0	0.5	12/8/2003		56.4 J	1	POM-E-537-236-(0-0.5)	4188487-HG	ACID BROOK DELTA SEDIMENTS
800'	537-236	0	0.5	12/15/2003		73.949	1	POM-E-537-236-0	537236-001	UPL_XRF_537_2003-2004
800'	537-237	0	0.5	12/8/2003		113 J	1	POM-E-537-237-(0-0.5)	4188488-HG	ACID BROOK DELTA SEDIMENTS
800'	537-237	0	0.5	12/15/2003		43.425	1	POM-E-537-237-0	537237-001	UPL_XRF_537_2003-2004
800'	537-238	0	0.5	12/8/2003		23.5 J	1	POM-E-537-238-(0-0.5)	4188489-HG	ACID BROOK DELTA SEDIMENTS
800'	537-238	0	0.5	12/15/2003		19.857	1	POM-E-537-238-0	537238-001	UPL_XRF_537_2003-2004
800'	537-239	0	0.5	12/8/2003		7.14 J	1	POM-E-537-239-(0-0.5)	4188490-HG	ACID BROOK DELTA SEDIMENTS
800'	537-239	0	0.5	12/15/2003		0.814	1	POM-E-537-239-0	537239-001	UPL_XRF_537_2003-2004
800'	537-240	0	0.5	12/15/2003		12.12	1	POM-E-537-240-0	537240-001	UPL_XRF_537_2003-2004
800'	537-242	0	0.5	12/21/2003		109.023	1	POM-E-537-242-0	537242-001	UPL_XRF_537_2003-2004
800'	537-243	0	0.5	12/15/2003		12.386	1	POM-E-537-243-0	537243-001	UPL_XRF_537_2003-2004
800'	537-244	0	0.5	12/21/2003		109.516	1	POM-E-537-244-0	537244-001	UPL_XRF_537_2003-2004
800'	537-246	0	0.5	12/21/2003		120.602	1	POM-E-537-246-0	537246-001	UPL_XRF_537_2003-2004
800'	537-248	0	0.5	12/21/2003		175.965	1	POM-E-537-248-0	537248-001	UPL_XRF_537_2003-2004
800'	537-249	0	0.5	12/21/2003		9.169	1	POM-E-537-249-0	537249-001	UPL_XRF_537_2003-2004
800'	537-250	0	0.5	12/21/2003	DUP	98.082	1	POM-E-537-250-0DUP	537250-002	UPL_XRF_537_2003-2004
800'	537-250	0	0.5	12/21/2003		669.686	1	POM-E-537-250-0	537250-001	UPL_XRF_537_2003-2004
800'	537-252	0	0.5	12/21/2003		90.642	1	POM-E-537-252-0	537252-001	UPL_XRF_537_2003-2004
800'	537-253	0	0.5	12/20/2003		15.1 J	1	POM-E-537-253-(0-0.5)	4190929-HG	ACID BROOK DELTA SEDIMENTS
800'	537-253	0	0.5	1/29/2004		10.807	1	POM-E-537-253	537253-001	UPL_XRF_537_2003-2004
800'	537-254	0	0.5	12/21/2003		39.946	1	POM-E-537-254-0	537254-001	UPL_XRF_537_2003-2004
800'	537-255	0	0.5	12/20/2003	DUP	24.7 J	1	POM-E-537-255-(0-0.5)-DUP	4190934-HG	ACID BROOK DELTA SEDIMENTS
800'	537-255	0	0.5	1/29/2004	DUP	26.068	1	POM-E-537-255DUP	537255-002	UPL_XRF_537_2003-2004
800'	537-255	0	0.5	12/20/2003		27.4 J	1	POM-E-537-255-(0-0.5)	4190933-HG	ACID BROOK DELTA SEDIMENTS
800'	537-255	0	0.5	1/29/2004		38.997	1	POM-E-537-255	537255-001	UPL_XRF_537_2003-2004
800'	537-256	0	0.5	12/28/2003		20.973	1	POM-E-537-256-0	537256-001	UPL_XRF_537_2003-2004
800'	537-258	0	0.5	12/28/2003		13.139	1	POM-E-537-258-0	537258-001	UPL_XRF_537_2003-2004
800'	537-259	0	0.5	12/20/2003	DUP	24.4 J	1	POM-E-537-259-(0-0.5)-DUP	4190939-HG	ACID BROOK DELTA SEDIMENTS
800'	537-259	0	0.5	12/20/2003		23 J	1	POM-E-537-259-(0-0.5)	4190937-HG	ACID BROOK DELTA SEDIMENTS
800'	537-259	0	0.5	1/29/2004		36.158	1	POM-E-537-259	537259-001	UPL_XRF_537_2003-2004
800'	537-261	0	0.5	12/28/2003		12.95	1	POM-E-537-261-0	537261-001	UPL_XRF_537_2003-2004
800'	537-263	0	0.5	12/28/2003		59.809	1	POM-E-537-263-0	537263-001	UPL_XRF_537_2003-2004

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Revised January 2008
DuPont Pompton Lakes Works
Pompton Lakes, New Jersey

Location	Boring Id	Top (feet)	Bottom (feet)	Date Sampled	Sample Type	Mercury Results (mg/kg)	Hit	Sample Number	Lab Number	Project Name
800'	537-265	0	0.5	12/28/2003		133.17	1	POM-E-537-265-0	537265-001	UPL_XRF_537_2003-2004
800'	537-266	0	0.5	12/28/2003		ND ()	0	POM-E-537-266-0	537266-001	UPL_XRF_537_2003-2004
800'	537-267	0	0.5	12/28/2003		167.779	1	POM-E-537-267-0	537267-001	UPL_XRF_537_2003-2004
800'	537-269	0	0.5	12/28/2003		61.747	1	POM-E-537-269-0	537269-001	UPL_XRF_537_2003-2004
800'	537-271	0	0.5	12/28/2003		36.082	1	POM-E-537-271-0	537271-001	UPL_XRF_537_2003-2004
A	537-270	0	0.5	12/28/2003		48.356	1	POM-E-537-270-0	537270-001	UPL_XRF_537_2003-2004
A	537-272	2.25	2.75	8/2/2004		2.52 J	1	POM-E-537-272(2.25-2.75)	4323308-HG	ABD HG DELIN SAMP RND 1 8/04
A	537-272	1.25	1.75	8/2/2004		369 J	1	POM-E-537-272(1.25-1.75)	4323309-HG	ABD HG DELIN SAMP RND 1 8/04
A	537-272	0	0.5	8/2/2004		49.1 J	1	POM-E-537-272(0-.5)	4323307-HG	ABD HG DELIN SAMP RND 1 8/04
A	537-284	1.5	2	8/26/2004		0.414 J	1	POM-E-537-284-(1.5-2.0)	4341626-HG	ABD HG DELIN SAMP RND 2 8/04
A	537-284	0	0.5	8/26/2004		42.2 J	1	POM-E-537-284-0-0.5	4341625-HG	ABD HG DELIN SAMP RND 2 8/04
A	537-296	1.5	2	9/29/2004		188 J	1	POM-E-537-296-(1.5-2)	4366737-HG	ABD HG DELIN SAMP RND 3 10/04
A	537-297	1.5	2	9/29/2004		509 J	1	POM-E-537-297-(1.5-2.0)	4366739-HG	ABD HG DELIN SAMP RND 3 10/04
A	537-297	0	0.5	9/29/2004		66.7 J	1	POM-E-537-297-(0-0.5)	4366738-HG	ABD HG DELIN SAMP RND 3 10/04
A	537-309	1.5	2	10/26/2004		6.19	1	POM-E-537-309(1.5-2.0)	4390539-HG	ABD HG DELIN SAMP RND 4 10/04
A	537-310	0	0.5	10/26/2004		13.3	1	POM-E-537-310(0-0.5)	4390540-HG	ABD HG DELIN SAMP RND 4 10/04
B	537-268	0	0.5	12/28/2003	DUP	36.564	1	POM-E-537-268-0/DUP	537268-002	UPL_XRF_537_2003-2004
B	537-268	0	0.5	12/28/2003		39.546	1	POM-E-537-268-0	537268-001	UPL_XRF_537_2003-2004
B	537-273	2	2.5	8/2/2004		353 J	1	POM-E-537-273(2-2.5)	4323311-HG	ABD HG DELIN SAMP RND 1 8/04
B	537-273	1	1.5	8/2/2004		359 J	1	POM-E-537-273(1-1.5)	4323312-HG	ABD HG DELIN SAMP RND 1 8/04
B	537-273	0	0.5	8/2/2004		35.8 J	1	POM-E-537-273(0-.5)	4323310-HG	ABD HG DELIN SAMP RND 1 8/04
B	537-285	1	1.5	8/26/2004		510 J	1	POM-E-537-285-(1.0-1.5)	4341628-HG	ABD HG DELIN SAMP RND 2 8/04
B	537-285	0	0.5	8/26/2004		23.4 J	1	POM-E-537-285-0-0.5	4341627-HG	ABD HG DELIN SAMP RND 2 8/04
B	537-298	0.5	1	9/29/2004		330 J	1	POM-E-537-298-(0.5-1.0)	4366741-HG	ABD HG DELIN SAMP RND 3 10/04
B	537-298	0	0.5	9/29/2004		17.3 J	1	POM-E-537-298-(0-0.5)	4366740-HG	ABD HG DELIN SAMP RND 3 10/04
B	537-311	0	0.5	10/26/2004		3.22	1	POM-E-537-311(0-0.5)	4390541-HG	ABD HG DELIN SAMP RND 4 10/04
C	537-274	1	1.5	8/2/2004		57.5 J	1	POM-E-537-274(1-1.5)	4323314-HG	ABD HG DELIN SAMP RND 1 8/04
C	537-274	0	0.5	8/2/2004		41.1 J	1	POM-E-537-274(0-0.5)	4323313-HG	ABD HG DELIN SAMP RND 1 8/04
C	537-286	0.75	1.25	8/26/2004		80.6 J	1	POM-E-537-286-(.75-1.25)	4341630-HG	ABD HG DELIN SAMP RND 2 8/04
C	537-286	0	0.5	8/26/2004		19.4 J	1	POM-E-537-286-0-0.5	4341629-HG	ABD HG DELIN SAMP RND 2 8/04
C	537-299	1.5	2	9/30/2004		215 J	1	POM-E-537-299-(1.5-2.0)	4366747-HG	ABD HG DELIN SAMP RND 3 10/04
C	537-299	0	0.5	9/30/2004	DUP	12.5 J	1	POM-E-537-299-(0-0.5)-DUP	4366746-HG	ABD HG DELIN SAMP RND 3 10/04
C	537-299	0	0.5	9/30/2004		17 J	1	POM-E-537-299-(0-0.5)	4366742-HG	ABD HG DELIN SAMP RND 3 10/04
C	537-312	1	1.5	10/26/2004		608	1	POM-E-537-312(1-1.5)	4390547-HG	ABD HG DELIN SAMP RND 4 10/04
C	537-312	0	0.5	10/26/2004	DUP	16.3	1	POM-E-537-312(0-0.5)-DUP	4390546-HG	ABD HG DELIN SAMP RND 4 10/04
C	537-312	0	0.5	10/26/2004		11.4	1	POM-E-537-312(0-0.5)	4390542-HG	ABD HG DELIN SAMP RND 4 10/04
C	537-322	1.25	1.75	11/22/2004		754 J	1	POM-E-537-322(1.25-1.75)	4414397-HG	ABD HG DELIN SAMP RND 5 11/04
C	537-322	0	0.5	11/22/2004		15.9 J	1	POM-E-537-322(0-0.5)	4414396-HG	ABD HG DELIN SAMP RND 5 11/04
C	537-331	1	1.5	1/13/2005		179	1	POM-E-537-331(1.0-1.5)	4448212-HG	ABD HG DELIN SAMP RND 6 12/04
C	537-331	0	0.5	1/13/2005		16.5	1	POM-E-537-331(0-0.5)	4448211-HG	ABD HG DELIN SAMP RND 6 12/04
C	537-339	0.5	1	4/19/2005		24.9 J	1	POM-E-537-339(0.5-1.0)	4507451-HG	ABD HG DELIN SAMP RND 7 4/05
C	537-339	0	0.5	4/19/2005		367 J	1	POM-E-537-339(0-0.5)	4507450-HG	ABD HG DELIN SAMP RND 7 4/05
C	537-371	0.5	1	6/8/2005		257	1	POM-E-537-371(0.5-1.0)	4541272-HG	ABD HG DELIN SAMP RND 8 6/05
C	537-371	0	0.5	6/8/2005		19	1	POM-E-537-371(0-0.5)	4541271-HG	ABD HG DELIN SAMP RND 8 6/05
C	537-381	1	1.67	8/29/2005		135 J	1	POM-E-537-381(1.2-2.0)	4594820-HG	ABD HG DELIN SAMP RND 9 8/05
C	537-381	0.5	1	8/29/2005		394 J	1	POM-E-537-381(6-12)	4594819-HG	ABD HG DELIN SAMP RND 9 8/05
C	537-381	0	0.5	8/29/2005		18.1 J	1	POM-E-537-381(0.0-0.5)	4594818-HG	ABD HG DELIN SAMP RND 9 8/05
C	537-402	1.5	2	12/1/2005		230	1	POM-E-537-402(1.5-2.0)	4661331-HG	ABD HG DELIN SAMP RND 10 12/05
C	537-402	0	0.5	12/1/2005		13.4	1	POM-E-537-402(0-0.5)	4661330-HG	ABD HG DELIN SAMP RND 10 12/05
C	537-410	0.8	1.2	5/2/2006		19.8	1	POM-E-537-410(0.8-1.2)	4762698-HG	ABD HG DELIN SAMP RND 11 5/06
C	537-410	0	0.5	5/2/2006		16	1	POM-E-537-410(0-0.5)	4762697-HG	ABD HG DELIN SAMP RND 11 5/06
C	537-415	1.9	2.4	5/25/2006		1.53	1	POM-E-537-415(1.9-2.4)	4780422-HG	ABD HG DELIN SAMP RND 12 5/06
C	537-415	0	0.5	5/25/2006		7.54	1	POM-E-537-415(0-0.5)	4780421-HG	ABD HG DELIN SAMP RND 12 5/06
C	537-422	0	0.5	6/15/2006		10	1	POM-E-537-422(0-0.5)	4795582-HG	ABD HG DELIN SAMP RND 13 6/06
C	537-423	0.6	1.1	6/15/2006	DUP	102	1	POM-E-537-423(0.6-1.1)-DUP	4795584-HG	ABD HG DELIN SAMP RND 13 6/06
C	537-423	0.6	1.1	6/15/2006		118	1	POM-E-537-423(0.6-1.1)	4795583-HG	ABD HG DELIN SAMP RND 13 6/06
C	537-430	0	0.5	7/13/2006		8.11	1	POM-E-537-430(0-0.5)	4814790-HG	ABD HG DELIN SAMP RND 14 7/06
D	537-257	0	0.5	12/20/2003	DUP	17 J	1	POM-E-537-257-(0-0.5)-DUP	4190936-HG	ACID BROOK DELTA SEDIMENTS
D	537-257	0	0.5	1/29/2004	DUP	19.036	1	POM-E-537-257DUP	537257-002	UPL_XRF_537_2003-2004
D	537-257	0	0.5	12/20/2003		16.5 J	1	POM-E-537-257-(0-0.5)	4190935-HG	ACID BROOK DELTA SEDIMENTS
D	537-257	0	0.5	1/29/2004		7.817	1	POM-E-537-257	537257-001	UPL_XRF_537_2003-2004
D	537-275	1.75	2.25	8/3/2004		1.17 J	1	POM-E-537-275(1.75-2.25)	4323255-HG	ABD HG DELIN SAMP RND 1 8/04
D	537-275	0.75	1.25	8/3/2004		70.3 J	1	POM-E-537-275(0.75-1.25)	4323302-HG	ABD HG DELIN SAMP RND 1 8/04
D	537-275	0	0.5	8/3/2004		16.5 J	1	POM-E-537-275(0-0.5)	4323254-HG	ABD HG DELIN SAMP RND 1 8/04
D	537-287	0.75	1.25	8/26/2004		39.7 J	1	POM-E-537-287-(0.75-1.25)	4341657-HG	ABD HG DELIN SAMP RND 2 8/04

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Location	Boring Id	Top (feet)	Bottom (feet)	Date Sampled	Sample Type	Mercury Results (mg/kg)	Hit	Sample Number	Lab Number	Project Name
D	537-287	0	0.5	8/26/2004	DUP	8 J	1	POM-E-537-287(0-0.5)-DUP	4341637-HG	ABD HG DELIN SAMP RND 2 8/04
D	537-287	0	0	8/26/2004		12.3 J	1	POM-E-537-287-0-0.5	4341633-HG	ABD HG DELIN SAMP RND 2 8/04
D	537-300	1.5	2	9/30/2004	DUP	99 J	1	POM-E-537-300-(1.5-2.0)-DUP	4366762-HG	ABD HG DELIN SAMP RND 3 10/04
D	537-300	1.5	2	9/30/2004		81.9 J	1	POM-E-537-300-(1.5-2.0)	4366758-HG	ABD HG DELIN SAMP RND 3 10/04
D	537-300	0	0.5	9/30/2004		9.29 J	1	POM-E-537-300-(0-0.5)	4366748-HG	ABD HG DELIN SAMP RND 3 10/04
D	537-313	1	1.5	10/27/2004		72.8	1	POM-E-537-313(1-1.5)	4390549-HG	ABD HG DELIN SAMP RND 4 10/04
D	537-313	0	0.5	10/27/2004		7.06	1	POM-E-537-313(0-0.5)	4390548-HG	ABD HG DELIN SAMP RND 4 10/04
D	537-323	1	1.5	11/22/2004		13.9 J	1	POM-E-537-323(1-1.5)	4414412-HG	ABD HG DELIN SAMP RND 5 11/04
D	537-323	0	0.5	11/22/2004		9.76 J	1	POM-E-537-323(0-0.5)	4414411-HG	ABD HG DELIN SAMP RND 5 11/04
D	537-332	0.75	1.25	1/13/2005		81.2	1	POM-E-537-332(0.75-1.25)	4448214-HG	ABD HG DELIN SAMP RND 6 12/04
D	537-332	0	0.5	1/13/2005		9.73	1	POM-E-537-332(0-0.5)	4448213-HG	ABD HG DELIN SAMP RND 6 12/04
D	537-340	1.5	2	4/19/2005		71.7 J	1	POM-E-537-340(1.5-2.0)	4507453-HG	ABD HG DELIN SAMP RND 7 4/05
D	537-340	0	0.5	4/19/2005		8.21 J	1	POM-E-537-340(0-0.5)	4507452-HG	ABD HG DELIN SAMP RND 7 4/05
D	537-372	1.5	2	6/8/2005		135	1	POM-E-537-372(1.5-2.0)	4541276-HG	ABD HG DELIN SAMP RND 8 6/05
D	537-372	0	0.5	6/8/2005	DUP	9.37	1	POM-E-537-372(0-0.5)-DUP	4541283-HG	ABD HG DELIN SAMP RND 8 6/05
D	537-372	0	0.5	6/8/2005		9.85	1	POM-E-537-372(0-0.5)	4541280-HG	ABD HG DELIN SAMP RND 8 6/05
D	537-382	1	1.67	8/29/2005		4.25 J	1	POM-E-537-382(12-20)	4594823-HG	ABD HG DELIN SAMP RND 9 8/05
D	537-382	0.5	1	8/29/2005		101 J	1	POM-E-537-382(6-12)	4594822-HG	ABD HG DELIN SAMP RND 9 8/05
D	537-382	0	0.5	8/29/2005		8.1 J	1	POM-E-537-382(0-0.5)	4594821-HG	ABD HG DELIN SAMP RND 9 8/05
D	537-403	1.5	2	12/1/2005		110	1	POM-E-537-403(1.5-2.0)	4661333-HG	ABD HG DELIN SAMP RND 10 12/05
D	537-403	0	0.5	12/1/2005		8.76	1	POM-E-537-403(0-0.5)	4661332-HG	ABD HG DELIN SAMP RND 10 12/05
D	537-411	1.6	2.2	5/2/2006		160	1	POM-E-537-411(1.6-2.2)	4762688-HG	ABD HG DELIN SAMP RND 11 5/06
D	537-411	0.7	1.3	5/2/2006		7.83	1	POM-E-537-411(0.7-1.3)	4762687-HG	ABD HG DELIN SAMP RND 11 5/06
D	537-411	0	0.5	5/2/2006		6.73	1	POM-E-537-411(0-0.5)	4762686-HG	ABD HG DELIN SAMP RND 11 5/06
D	537-416	1.5	2	5/25/2006	DUP	194	1	POM-E-537-416(1.5-2.0)-DUP	4780434-HG	ABD HG DELIN SAMP RND 12 5/06
D	537-416	1.5	2	5/25/2006		353	1	POM-E-537-416(1.5-2.0)	4780424-HG	ABD HG DELIN SAMP RND 12 5/06
D	537-416	0	0.5	5/25/2006		2.75	1	POM-E-537-416(0-0.5)	4780423-HG	ABD HG DELIN SAMP RND 12 5/06
D	537-424	0	0.5	6/15/2006		6.06	1	POM-E-537-424(0-0.5)	4795585-HG	ABD HG DELIN SAMP RND 13 6/06
D	537-425	1.2	1.7	6/15/2006		99.8	1	POM-E-537-425(1.2-1.7)	4795586-HG	ABD HG DELIN SAMP RND 13 6/06
E	537-264	0	0.5	12/28/2003		16.84	1	POM-E-537-264-0	537264-001	UPL_XRF_537_2003-2004
E	537-276	1	1.5	8/3/2004		58.1 J	1	POM-E-537-276(1-1.5)	4323304-HG	ABD HG DELIN SAMP RND 1 8/04
E	537-276	0	0.5	8/3/2004		9.09 J	1	POM-E-537-276(0-0.5)	4323303-HG	ABD HG DELIN SAMP RND 1 8/04
E	537-288	1	1.5	8/26/2004		8.78 J	1	POM-E-537-288-(1.0-1.5)	4341659-HG	ABD HG DELIN SAMP RND 2 8/04
E	537-288	0	0	8/26/2004		59.9 J	1	POM-E-537-288-0-0.5	4341658-HG	ABD HG DELIN SAMP RND 2 8/04
E	537-301	1.5	2	9/30/2004		37.4 J	1	POM-E-537-301-(1.5-2.0)	4366750-HG	ABD HG DELIN SAMP RND 3 10/04
E	537-301	0	0.5	9/30/2004		6.07 J	1	POM-E-537-301-(0-0.5)	4366749-HG	ABD HG DELIN SAMP RND 3 10/04
E	537-314	1	1.5	10/27/2004		43.1	1	POM-E-537-314(1-1.5)	4390551-HG	ABD HG DELIN SAMP RND 4 10/04
E	537-314	0	0.5	10/27/2004		6.39	1	POM-E-537-314(0-0.5)	4390550-HG	ABD HG DELIN SAMP RND 4 10/04
E	537-324	1	1.5	11/22/2004		56 J	1	POM-E-537-324(1-1.5)	4414414-HG	ABD HG DELIN SAMP RND 5 11/04
E	537-324	0	0.5	11/22/2004		7.65 J	1	POM-E-537-324(0-0.5)	4414413-HG	ABD HG DELIN SAMP RND 5 11/04
E	537-333	0.75	1.25	1/13/2005		62.5	1	POM-E-537-333(0.75-1.25)	4448217-HG	ABD HG DELIN SAMP RND 6 12/04
E	537-333	0	0.5	1/13/2005	DUP	6.57	1	POM-E-537-333(0-0.5)-DUP	4448216-HG	ABD HG DELIN SAMP RND 6 12/04
E	537-333	0	0.5	1/13/2005		6.57	1	POM-E-537-333(0-0.5)	4448215-HG	ABD HG DELIN SAMP RND 6 12/04
E	537-341	1	1.5	4/19/2005		71.2 J	1	POM-E-537-341(1.0-1.5)	4507455-HG	ABD HG DELIN SAMP RND 7 4/05
E	537-341	0	0.5	4/19/2005		5.4 J	1	POM-E-537-341(0-0.5)	4507454-HG	ABD HG DELIN SAMP RND 7 4/05
E	537-373	1.5	2	6/8/2005		78.3	1	POM-E-537-373(1.5-2.0)	4541282-HG	ABD HG DELIN SAMP RND 8 6/05
E	537-373	0	0.5	6/8/2005		7.43	1	POM-E-537-373(0-0.5)	4541281-HG	ABD HG DELIN SAMP RND 8 6/05
E	537-383	1	1.67	8/29/2005		0.0348 J	1	POM-E-537-383(12-20)	4594827-HG	ABD HG DELIN SAMP RND 9 8/05
E	537-383	0.5	1	8/29/2005		6.11 J	1	POM-E-537-383(6-12)	4594826-HG	ABD HG DELIN SAMP RND 9 8/05
E	537-383	0	0.6	8/29/2005	DUP	8.14 J	1	POM-E-537-383(0.0-0.6)-DUP	4594825-HG	ABD HG DELIN SAMP RND 9 8/05
E	537-383	0	0.5	8/29/2005		4.3 J	1	POM-E-537-383(0-0.5)	4594824-HG	ABD HG DELIN SAMP RND 9 8/05
E	537-404	0.9	1.4	12/1/2005		41.1	1	POM-E-537-404(0.9-1.4)	4661335-HG	ABD HG DELIN SAMP RND 10 12/05
E	537-404	0	0.5	12/1/2005		7.07	1	POM-E-537-404(0-0.5)	4661334-HG	ABD HG DELIN SAMP RND 10 12/05
E	537-412	1.1	1.7	5/2/2006		11.3	1	POM-E-537-412(1.1-1.7)	4762693-HG	ABD HG DELIN SAMP RND 11 5/06
E	537-412	0	0.5	5/2/2006		4.84	1	POM-E-537-412(0-0.5)	4762692-HG	ABD HG DELIN SAMP RND 11 5/06
E	537-417	0.5	1	5/25/2006		3.77	1	POM-E-537-417(0.5-1.0)	4780430-HG	ABD HG DELIN SAMP RND 12 5/06
E	537-417	0	0.5	5/25/2006		5.48	1	POM-E-537-417(0-0.5)	4780425-HG	ABD HG DELIN SAMP RND 12 5/06
E	537-426	0	0.4	6/15/2006		5.03	1	POM-E-537-426(0-0.4)	4795590-HG	ABD HG DELIN SAMP RND 13 6/06
E	537-431	1.2	1.7	8/3/2006		13	1	POM-E-537-431(1.2-1.7)	4832201-HG	ABD HG DELIN SAMP RND 15 8/06
E	537-431	0	0.5	8/3/2006	DUP	2.57	1	POM-E-537-431(0.0-0.5)-DUP	4832208-HG	ABD HG DELIN SAMP RND 15 8/06
E	537-431	0	0.5	8/3/2006		2.56	1	POM-E-537-431(0.0-0.5)	4832200-HG	ABD HG DELIN SAMP RND 15 8/06
E	537-432	1	1.5	8/3/2006		7.54	1	POM-E-537-432(1.0-1.5)	4832206-HG	ABD HG DELIN SAMP RND 15 8/06
E	537-432	0	0.5	8/3/2006		1.92	1	POM-E-537-432(0-0.5)	4832205-HG	ABD HG DELIN SAMP RND 15 8/06
E	537-435	4	4.5	7/13/2006		14.5	1	POM-E-537-435(4.0-4.5)	4814794-HG	ABD HG DELIN SAMP RND 14 7/06
E	537-435	1.975	2.475	7/13/2006	DUP	3	1	POM-E-537-435(1.975-2.475)-DUP	4814798-HG	ABD HG DELIN SAMP RND 14 7/06

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Location	Boring Id	Top (feet)	Bottom (feet)	Date Sampled	Sample Type	Mercury Results (mg/kg)	Hit	Sample Number	Lab Number	Project Name
E	537-435	1.975	2.475	7/13/2006		2.77	1	POM-E-537-435(1.975-2.475)	4814799-HG	ABD HG DELIN SAMP RND 14 7/06
E	537-435	0	0.5	7/13/2006		3.4	1	POM-E-537-435(0-0.5)	4814793-HG	ABD HG DELIN SAMP RND 14 7/06
E	537-438	0	0.5	8/24/2006		1.54	1	POM-E-537-438(0-0.5)	4851145-HG	ABD HG DELIN SAMP RND 16 8/06
E	537-452	1.5	2	1/12/2007		0.287 J	1	POM-E-537-452(1.5-2.0)	4959130-HG	ABD HG DELIN SAMP RND 19 1/07
E	537-452	0.75	1.25	1/12/2007	DUP	38.6 J	1	POM-E-537-452(0.75-1.25)-DUP	4959129-HG	ABD HG DELIN SAMP RND 19 1/07
E	537-452	0.75	1.25	1/12/2007		16.4 J	1	POM-E-537-452(0.75-1.25)	4959128-HG	ABD HG DELIN SAMP RND 19 1/07
E	537-452	0	0.5	1/12/2007		0.913 J	1	POM-E-537-452(0.0-0.5)	4959127-HG	ABD HG DELIN SAMP RND 19 1/07
F	537-262	0	0.5	12/28/2003		3.221	1	POM-E-537-262-0	537262-001	UPL_XRF_537_2003-2004
F	537-277	1.25	1.75	8/3/2004		37.9 J	1	POM-E-537-277(1.25-1.75)	4323306-HG	ABD HG DELIN SAMP RND 1 8/04
F	537-277	0	0.5	8/3/2004		7.52 J	1	POM-E-537-277(0-0.5)	4323305-HG	ABD HG DELIN SAMP RND 1 8/04
F	537-289	1	1.5	8/26/2004		38.8 J	1	POM-E-537-289-(1.0-1.5)	4341661-HG	ABD HG DELIN SAMP RND 2 8/04
F	537-289	0	0	8/26/2004		5.71 J	1	POM-E-537-289-0-0.5	4341660-HG	ABD HG DELIN SAMP RND 2 8/04
F	537-302	1	1.5	9/30/2004		57.1 J	1	POM-E-537-302-(1-1.5)	4366752-HG	ABD HG DELIN SAMP RND 3 10/04
F	537-302	0	0.5	9/30/2004		5.75 J	1	POM-E-537-302(0-0.5)	4366751-HG	ABD HG DELIN SAMP RND 3 10/04
F	537-315	0	0.5	10/27/2004		17.4	1	POM-E-537-315(0-0.5)	4390552-HG	ABD HG DELIN SAMP RND 4 10/04
F	537-325	1	1.5	11/23/2004		19.6 J	1	POM-E-537-325(1-1.5)	4414416-HG	ABD HG DELIN SAMP RND 5 11/04
F	537-325	0	0.5	11/23/2004		6.36 J	1	POM-E-537-325(0-0.5)	4414415-HG	ABD HG DELIN SAMP RND 5 11/04
F	537-334	0	0.5	1/13/2005		7.19	1	POM-E-537-334(0-0.5)	4448221-HG	ABD HG DELIN SAMP RND 6 12/04
F	537-342	0	0.5	4/19/2005		21.2 J	1	POM-E-537-342(0-0.5)	4507456-HG	ABD HG DELIN SAMP RND 7 4/05
F	537-374	0	0.5	6/8/2005		0.545	1	POM-E-537-374(0-0.5)	4541284-HG	ABD HG DELIN SAMP RND 8 6/05
F	537-384	0	0.5	8/29/2005		1.01 J	1	POM-E-537-384(0.0-0.5)	4594828-HG	ABD HG DELIN SAMP RND 9 8/05
G	537-260	0	0.5	12/28/2003		9.209	1	POM-E-537-260-0	537260-001	UPL_XRF_537_2003-2004
G	537-278	1.5	2	8/3/2004		47.7 J	1	POM-E-537-278(1.5-2.0)	4323339-HG	ABD HG DELIN SAMP RND 1 8/04
G	537-278	0	0.5	8/3/2004		6.26 J	1	POM-E-537-278(0-0.5)	4323338-HG	ABD HG DELIN SAMP RND 1 8/04
G	537-290	0.5	1	8/26/2004		21.9 J	1	POM-E-537-290-0.5-1.0	4341620-HG	ABD HG DELIN SAMP RND 2 8/04
G	537-290	0	0.5	8/26/2004		4.29 J	1	POM-E-537-290-0-0.5	4341619-HG	ABD HG DELIN SAMP RND 2 8/04
G	537-303	1	1.5	9/30/2004		33.8 J	1	POM-E-537-303-(1-1.5)	4366754-HG	ABD HG DELIN SAMP RND 3 10/04
G	537-303	0	0.5	9/30/2004		3.98 J	1	POM-E-537-303(0-0.5)	4366753-HG	ABD HG DELIN SAMP RND 3 10/04
G	537-316	1	1.5	10/27/2004		34.4	1	POM-E-537-316(1.0-1.5)	4390559-HG	ABD HG DELIN SAMP RND 4 10/04
G	537-316	0	0.5	10/27/2004	DUP	2.52	1	POM-E-537-316(0-0.5)-DUP	4390558-HG	ABD HG DELIN SAMP RND 4 10/04
G	537-316	0	0.5	10/27/2004		4.54	1	POM-E-537-316(0-0.5)	4390554-HG	ABD HG DELIN SAMP RND 4 10/04
G	537-326	1.5	2	11/23/2004		11 J	1	POM-E-537-326(1.5-2.0)	4414418-HG	ABD HG DELIN SAMP RND 5 11/04
G	537-326	0	0.5	11/23/2004		4.25 J	1	POM-E-537-326(0-0.5)	4414417-HG	ABD HG DELIN SAMP RND 5 11/04
G	537-335	2.5	3	1/13/2005		27.2	1	POM-E-537-335(2.5-3.0)	4448224-HG	ABD HG DELIN SAMP RND 6 12/04
G	537-335	1.25	1.75	1/13/2005		7.84	1	POM-E-537-335(1.25-1.75)	4448223-HG	ABD HG DELIN SAMP RND 6 12/04
G	537-335	0	0.5	1/13/2005		3.73	1	POM-E-537-335(0-0.5)	4448222-HG	ABD HG DELIN SAMP RND 6 12/04
G	537-343	2.25	2.75	4/19/2005		23.3 J	1	POM-E-537-343(2.25-2.75)	4507463-HG	ABD HG DELIN SAMP RND 7 4/05
G	537-343	1.25	1.75	4/19/2005		4.9 J	1	POM-E-537-343(1.25-1.75)	4507459-HG	ABD HG DELIN SAMP RND 7 4/05
G	537-343	0	0.5	4/19/2005	DUP	3 J	1	POM-E-537-343(0-0.5)-DUP	4507458-HG	ABD HG DELIN SAMP RND 7 4/05
G	537-343	0	0.5	4/19/2005		3.14 J	1	POM-E-537-343(0-0.5)	4507457-HG	ABD HG DELIN SAMP RND 7 4/05
G	537-375	2.5	3	6/8/2005		13.2	1	POM-E-537-375(2.5-3.0)	4541287-HG	ABD HG DELIN SAMP RND 8 6/05
G	537-375	1.25	1.75	6/8/2005		5.71	1	POM-E-537-375(1.25-1.75)	4541286-HG	ABD HG DELIN SAMP RND 8 6/05
G	537-375	0	0.5	6/8/2005		2.9	1	POM-E-537-375(0-0.5)	4541285-HG	ABD HG DELIN SAMP RND 8 6/05
G	537-385	1	1.67	8/29/2005		3.5 J	1	POM-E-537-385(12-20)	4594830-HG	ABD HG DELIN SAMP RND 9 8/05
G	537-385	0.5	1	8/29/2005		3.04 J	1	POM-E-537-385(6-12)	4594829-HG	ABD HG DELIN SAMP RND 9 8/05
G	537-385	0	0.5	8/29/2005		2.43	1	POM-E-537-385(0-0.5)	4593887-HG	ABD HG DELIN SAMP RND 9 8/05
G	537-405	1.8	2.3	12/1/2005	DUP	14	1	POM-E-537-405(1.8-2.3)-DUP	4661342-HG	ABD HG DELIN SAMP RND 10 12/05
G	537-405	1.8	2.3	12/1/2005		12.4	1	POM-E-537-405(1.8-2.3)	4661338-HG	ABD HG DELIN SAMP RND 10 12/05
G	537-405	0.8	1.3	12/1/2005		4.06	1	POM-E-537-405(0.8-1.3)	4661337-HG	ABD HG DELIN SAMP RND 10 12/05
G	537-405	0	0.5	12/1/2005		2.09	1	POM-E-537-405(0-0.5)	4661336-HG	ABD HG DELIN SAMP RND 10 12/05
G	537-413	1	1.6	5/2/2006	DUP	7.16	1	POM-E-537-413(1.0-1.6)-DUP	4762696-HG	ABD HG DELIN SAMP RND 11 5/06
G	537-413	1	1.6	5/2/2006		7.17	1	POM-E-537-413(1.0-1.6)	4762695-HG	ABD HG DELIN SAMP RND 11 5/06
G	537-413	0	0.5	5/2/2006		1.37	1	POM-E-537-413(0.0-0.5)	4762694-HG	ABD HG DELIN SAMP RND 11 5/06
G	537-418	0	0.5	5/25/2006		1.6	1	POM-E-537-418(0-0.5)	4780426-HG	ABD HG DELIN SAMP RND 12 5/06
G	537-419	1.5	2	5/25/2006		8.39	1	POM-E-537-419(1.5-2.0)	4780427-HG	ABD HG DELIN SAMP RND 12 5/06
G	537-427	2	2.5	6/15/2006		12.9	1	POM-E-537-427(2.0-2.5)	4795592-HG	ABD HG DELIN SAMP RND 13 6/06
G	537-427	0.95	1.55	6/15/2006		2.11	1	POM-E-537-427(0.95-1.55)	4795591-HG	ABD HG DELIN SAMP RND 13 6/06
G	537-433	1.8	2.3	7/13/2006		8.76	1	POM-E-537-433(1.8-2.3)	4814792-HG	ABD HG DELIN SAMP RND 14 7/06
G	537-433	0.9	1.4	7/13/2006		1.9	1	POM-E-537-433(0.9-1.4)	4814791-HG	ABD HG DELIN SAMP RND 14 7/06
G	537-436	0.6	1.1	8/3/2006		0.908	1	POM-E-537-436(0.6-1.1)	4832209-HG	ABD HG DELIN SAMP RND 15 8/06
G	537-437	1.4	1.9	8/3/2006		8.54	1	POM-E-537-437(1.4-1.9)	4832210-HG	ABD HG DELIN SAMP RND 15 8/06
G	537-440	0.9	1.4	8/24/2006	DUP	6.61	1	POM-E-537-440(0.9-1.4)-DUP	4851150-HG	ABD HG DELIN SAMP RND 16 8/06
G	537-440	0.9	1.4	8/24/2006		6.17	1	POM-E-537-440(0.9-1.4)	4851146-HG	ABD HG DELIN SAMP RND 16 8/06
G	537-442	0.9	1.4	9/7/2006	DUP	6.34	1	POM-E-537-442(0.9-1.4)-DUP	4860506-HG	ABD HG DELIN SAMP RND 17 9/06
G	537-442	0.9	1.4	9/7/2006		5.96	1	POM-E-537-442(0.9-1.4)	4860502-HG	ABD HG DELIN SAMP RND 17 9/06

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Location	Boring Id	Top (feet)	Bottom (feet)	Date Sampled	Sample Type	Mercury Results (mg/kg)	Hit	Sample Number	Lab Number	Project Name
G	537-443	1.3	1.8	9/7/2006		7.77	1	POM-E-537-443(1.3-1.8)	4860507-HG	ABD HG DELIN SAMP RND 17 9/06
G	537-444	1.1	1.6	9/21/2006	DUP	1.36	1	POM-E-537-444(1.1-1.6)-DUP	4871850-HG	ABD HG DELIN SAMP RND 18 9/06
G	537-444	1.1	1.6	9/21/2006		1.27	1	POM-E-537-444(1.1-1.6)	4871846-HG	ABD HG DELIN SAMP RND 18 9/06
G	537-445	2	2.5	9/21/2006		11.8	1	POM-E-537-445(2.0-2.5)	4871852-HG	ABD HG DELIN SAMP RND 18 9/06
G	537-445	1	1.5	9/21/2006		1.89	1	POM-E-537-445(1.0-1.5)	4871851-HG	ABD HG DELIN SAMP RND 18 9/06
G	537-446	1.5	2	9/21/2006		5.56	1	POM-E-537-446(1.5-2.0)	4871853-HG	ABD HG DELIN SAMP RND 18 9/06
G	537-447	1.3	1.6	9/21/2006		7.07	1	POM-E-537-447(1.3-1.6)	4871854-HG	ABD HG DELIN SAMP RND 18 9/06
H	537-251	0	0.5	12/21/2003		ND ()	0	POM-E-537-251-0	537251-001	UPL_XRF_537_2003-2004
H	537-279	0.5	1	8/3/2004		5.65 J	1	POM-E-537-279(0.5-1.0)	4323341-HG	ABD HG DELIN SAMP RND 1 8/04
H	537-279	0	0.5	8/3/2004		7.61 J	1	POM-E-537-279(0-0.5)	4323340-HG	ABD HG DELIN SAMP RND 1 8/04
H	537-291	1	1.5	8/26/2004		28.5 J	1	POM-E-537-291(1.0-1.5)	4341624-HG	ABD HG DELIN SAMP RND 2 8/04
H	537-291	0	0.5	8/26/2004		4.75 J	1	POM-E-537-291-0-0.5	4341623-HG	ABD HG DELIN SAMP RND 2 8/04
H	537-304	1.25	1.75	9/30/2004		22.3 J	1	POM-E-537-304(1.25-1.75)	4366756-HG	ABD HG DELIN SAMP RND 3 10/04
H	537-304	0	0.5	9/30/2004		4.32 J	1	POM-E-537-304(0-0.5)	4366755-HG	ABD HG DELIN SAMP RND 3 10/04
H	537-317	0.5	1	10/27/2004		18.4	1	POM-E-537-317(0.5-1.0)	4390561-HG	ABD HG DELIN SAMP RND 4 10/04
H	537-317	0	0.5	10/27/2004		3.07	1	POM-E-537-317(0-0.5)	4390560-HG	ABD HG DELIN SAMP RND 4 10/04
H	537-327	0	0.5	11/23/2004	DUP	1.01 J	1	POM-E-537-327(0-0.5)-DUP	4414420-HG	ABD HG DELIN SAMP RND 5 11/04
H	537-327	0	0.5	11/23/2004		1.07 J	1	POM-E-537-327(0-0.5)	4414419-HG	ABD HG DELIN SAMP RND 5 11/04
H	537-336	0	0.5	1/13/2005		3.91	1	POM-E-537-336(0-0.5)	4448225-HG	ABD HG DELIN SAMP RND 6 12/04
H	537-344	0	0.5	4/19/2005		3.39 J	1	POM-E-537-344(0-0.5)	4507464-HG	ABD HG DELIN SAMP RND 7 4/05
H	537-376	0	0.5	6/8/2005		0.147	1	POM-E-537-376(0-0.5)	4541288-HG	ABD HG DELIN SAMP RND 8 6/05
I	537-247	0	0.5	12/21/2003		7.618	1	POM-E-537-247-0	537247-001	UPL_XRF_537_2003-2004
I	537-280	0.5	1	8/3/2004		21.5 J	1	POM-E-537-280(0.5-1.0)	4323346-HG	ABD HG DELIN SAMP RND 1 8/04
I	537-280	0	0.5	8/3/2004	DUP	15.2 J	1	POM-E-537-280(0-0.5)-DUP	4323347-HG	ABD HG DELIN SAMP RND 1 8/04
I	537-280	0	0.5	8/3/2004		7.61 J	1	POM-E-537-280(0-0.5)	4323342-HG	ABD HG DELIN SAMP RND 1 8/04
I	537-292	1.25	1.75	8/26/2004		23.2 J	1	POM-E-537-292(1.25-1.75)	4341622-HG	ABD HG DELIN SAMP RND 2 8/04
I	537-292	0	0.5	8/26/2004		4 J	1	POM-E-537-292-0-0.5	4341621-HG	ABD HG DELIN SAMP RND 2 8/04
I	537-305	1.5	2	9/30/2004		21.4 J	1	POM-E-537-305(1.5-2.0)	4366764-HG	ABD HG DELIN SAMP RND 3 10/04
I	537-305	0	0.5	9/30/2004		3.21 J	1	POM-E-537-305(0-0.5)	4366763-HG	ABD HG DELIN SAMP RND 3 10/04
I	537-318	1.5	2	10/27/2004		35.8	1	POM-E-537-318(1.5-2.0)	4390563-HG	ABD HG DELIN SAMP RND 4 10/04
I	537-318	0	0.5	10/27/2004		3.42	1	POM-E-537-318(0-0.5)	4390562-HG	ABD HG DELIN SAMP RND 4 10/04
I	537-328	0.75	1.25	11/23/2004		17 J	1	POM-E-537-328(0.75-1.25)	4414425-HG	ABD HG DELIN SAMP RND 5 11/04
I	537-328	0	0.5	11/23/2004		7.14 J	1	POM-E-537-328(0-0.5)	4414421-HG	ABD HG DELIN SAMP RND 5 11/04
I	537-337	1	1.5	1/13/2005		11.9	1	POM-E-537-337(1.0-1.5)	4448227-HG	ABD HG DELIN SAMP RND 6 12/04
I	537-337	0	0.5	1/13/2005		4.05	1	POM-E-537-337(0-0.5)	4448226-HG	ABD HG DELIN SAMP RND 6 12/04
I	537-345	0.75	1.25	4/19/2005		12 J	1	POM-E-537-345(0.75-1.25)	4507466-HG	ABD HG DELIN SAMP RND 7 4/05
I	537-345	0	0.5	4/19/2005		4.77 J	1	POM-E-537-345(0-0.5)	4507465-HG	ABD HG DELIN SAMP RND 7 4/05
I	537-377	0.75	1.25	6/8/2005		13.2	1	POM-E-537-377(0.75-1.25)	4541290-HG	ABD HG DELIN SAMP RND 8 6/05
I	537-377	0	0.5	6/8/2005		3.28	1	POM-E-537-377(0-0.5)	4541289-HG	ABD HG DELIN SAMP RND 8 6/05
I	537-386	0.5	1	8/29/2005		11.5 J	1	POM-E-537-386(0.5-1.0)	4594835-HG	ABD HG DELIN SAMP RND 9 8/05
I	537-386	0	0.5	8/29/2005		4.27 J	1	POM-E-537-386(0-0.5)	4594831-HG	ABD HG DELIN SAMP RND 9 8/05
I	537-406	0.6	1.1	12/1/2005		5.31	1	POM-E-537-406(0.6-1.1)	4661344-HG	ABD HG DELIN SAMP RND 10 12/05
I	537-406	0	0.5	12/1/2005		2.55	1	POM-E-537-406(0-0.5)	4661343-HG	ABD HG DELIN SAMP RND 10 12/05
I	537-414	0.4	0.9	5/2/2006		3.74	1	POM-E-537-414(0.4-0.9)	4762700-HG	ABD HG DELIN SAMP RND 11 5/06
I	537-414	0	0.4	5/2/2006		1.78	1	POM-E-537-414(0-0.4)	4762699-HG	ABD HG DELIN SAMP RND 11 5/06
I	537-420	0	0.5	5/25/2006		2.41	1	POM-E-537-420(0-0.5)	4780428-HG	ABD HG DELIN SAMP RND 12 5/06
I	537-421	0.4	0.9	5/25/2006		0.791	1	POM-E-537-421(0.4-0.9)	4780429-HG	ABD HG DELIN SAMP RND 12 5/06
I	537-428	0	0.4	6/15/2006		1.96	1	POM-E-537-428(0-0.4)	4795593-HG	ABD HG DELIN SAMP RND 13 6/06
I	537-429	0.1	0.6	6/15/2006		5.12	1	POM-E-537-429(0.1-0.6)	4795594-HG	ABD HG DELIN SAMP RND 13 6/06
I	537-475	1.2	1.7	1/11/2007		2.88	1	POM-E-537-475(1.2-1.7)	4959111-HG	ABD HG DELIN SAMP RND 19 1/07
I	537-475	0	0.5	1/11/2007		0.229 J	1	POM-E-537-475(0-0.5)	4959110-HG	ABD HG DELIN SAMP RND 19 1/07
I	537-476	1.5	2	1/11/2007		0.0525 J	1	POM-E-537-476(1.5-2.0)	4959113-HG	ABD HG DELIN SAMP RND 19 1/07
I	537-476	0	0.5	1/11/2007		0.281 J	1	POM-E-537-476(0-0.5)	4959112-HG	ABD HG DELIN SAMP RND 19 1/07
I	537-505	1.2	1.7	8/22/2007		5.02	1	POM-E-537-505(1.2-1.7)	5137239-HG	ABD HG DELIN SAMP RND 21 8/07
I	537-506	2.2	2.7	8/22/2007		5.05	1	POM-E-537-506(2.2-2.7)	5140270-HG	ABD HG DELIN SAMP RND 21 8/07
I	537-506	1.1	1.6	8/22/2007		1.45	1	POM-E-537-506(1.1-1.6)	5140271-HG	ABD HG DELIN SAMP RND 21 8/07
I	537-508	0.5	0.85	8/23/2007		5.58	1	POM-E-537-508(0.5-0.85)	5140275-HG	ABD HG DELIN SAMP RND 21 8/07
I	537-434B	0.3	0.6	8/3/2006		3.15	1	POM-E-537-434B(0.3-0.6)	4832207-HG	ABD HG DELIN SAMP RND 15 8/06
J	537-245	0	0.5	12/21/2003		4.515	1	POM-E-537-245-0	537245-001	UPL_XRF_537_2003-2004
J	537-281	0	0.5	8/3/2004	DUP	2.55 J	1	POM-E-537-281(0-0.5)-DUP	4323348-HG	ABD HG DELIN SAMP RND 1 8/04
J	537-281	0	0.5	8/3/2004		2.81 J	1	POM-E-537-281(0-0.5)	4323315-HG	ABD HG DELIN SAMP RND 1 8/04
J	537-293	0	0.5	8/27/2004		2.28 J	1	POM-E-537-293-0-0.5	4341611-HG	ABD HG DELIN SAMP RND 2 8/04
J	537-306	0	0.5	9/30/2004		1.68 J	1	POM-E-537-306(0-0.5)	4366765-HG	ABD HG DELIN SAMP RND 3 10/04
J	537-319	0	0.5	10/27/2004		3.53	1	POM-E-537-319(0-0.5)	4390564-HG	ABD HG DELIN SAMP RND 4 10/04
J	537-329	0	0.5	11/23/2004		1.8 J	1	POM-E-537-329(0-0.5)	4414426-HG	ABD HG DELIN SAMP RND 5 11/04

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K	537-282	1	1.5	8/3/2004		15.9 J	1	POM-E-537-282(1.0-1.5)	4323317-HG	ABD HG DELIN SAMP RND 1 8/04
K	537-282	0	0.5	8/3/2004		6.46 J	1	POM-E-537-282(0-0.5)	4323316-HG	ABD HG DELIN SAMP RND 1 8/04
K	537-294	1.5	2	8/27/2004		14.4 J	1	POM-E-537-294(1.5-2.0)	4341617-HG	ABD HG DELIN SAMP RND 2 8/04
K	537-294	0	0.5	8/27/2004	DUP	3.9 J	1	POM-E-537-294(0-0.5)-DUP	4341616-HG	ABD HG DELIN SAMP RND 2 8/04
K	537-294	0	0.5	8/27/2004		4.57 J	1	POM-E-537-294-0-0.5	4341612-HG	ABD HG DELIN SAMP RND 2 8/04
K	537-307	1.5	2	9/30/2004		13 J	1	POM-E-537-307(1.5-2.0)	4367667-HG	ABD HG DELIN SAMP RND 3 10/04
K	537-307	0	0.5	9/30/2004		3.74 J	1	POM-E-537-307(0-0.5)	4367666-HG	ABD HG DELIN SAMP RND 3 10/04
K	537-320	0	0.5	10/27/2004		3.41	1	POM-E-537-320(0-0.5)	4390565-HG	ABD HG DELIN SAMP RND 4 10/04
K	537-320	0	0	10/27/2004		15.2	1	POM-E-537-320(1-1.5)	4390566-HG	ABD HG DELIN SAMP RND 4 10/04
K	537-330	1	1.5	11/23/2004		8.36 J	1	POM-E-537-330(1-1.5)	4414428-HG	ABD HG DELIN SAMP RND 5 11/04
K	537-330	0	0.5	11/23/2004		4.58 J	1	POM-E-537-330(0-0.5)	4414427-HG	ABD HG DELIN SAMP RND 5 11/04
K	537-338	0.5	1	1/13/2005		8.2	1	POM-E-537-338(0.5-1.0)	4448229-HG	ABD HG DELIN SAMP RND 6 12/04
K	537-338	0	0.5	1/13/2005		2.92	1	POM-E-537-338(0-0.5)	4448228-HG	ABD HG DELIN SAMP RND 6 12/04
K	537-346	0	0.5	4/19/2005		4.57 J	1	POM-E-537-346(0-0.5)	4507467-HG	ABD HG DELIN SAMP RND 7 4/05
K	537-378	0	0.5	6/8/2005		2.94	1	POM-E-537-378(0-0.5)	4541291-HG	ABD HG DELIN SAMP RND 8 6/05
K	537-387	0	0.5	8/29/2005		1.77 J	1	POM-E-537-387(0.0-0.5)	4594836-HG	ABD HG DELIN SAMP RND 9 8/05
K	537-407	0	0.5	12/1/2005		1.35	1	POM-E-537-407(0-0.5)	4663789-HG	ABD HG DELIN SAMP RND 10 12/05
K	537-518	4	4.5	10/17/2007		2.16	1	POM-E-537-518(4.0-4.5)	5189364-HG	ABD HG DELIN SAMP RND 22 10/07
K	537-518	2	2.5	10/17/2007		1.86	1	POM-E-537-518(2.0-2.5)	5189363-HG	ABD HG DELIN SAMP RND 22 10/07
K	537-519	1	1.5	10/17/2007		1.41	1	POM-E-537-519(1.0-1.5)	5189365-HG	ABD HG DELIN SAMP RND 22 10/07
K	537-520	0.5	1	10/18/2007		1.08	1	POM-E-537-520(0.5-1.0)	5190888-HG	ABD HG DELIN SAMP RND 22 10/07
L	537-241	0	0.5	12/15/2003		8.409	1	POM-E-537-241-0	537241-001	UPL_XRF_537_2003-2004
L	537-283	1.5	2	8/3/2004		49.6 J	1	POM-E-537-283(1.5-2.0)	4323323-HG	ABD HG DELIN SAMP RND 1 8/04
L	537-283	0	0.5	8/3/2004	DUP	13.1 J	1	POM-E-537-283(0-.5)-DUP	4323322-HG	ABD HG DELIN SAMP RND 1 8/04
L	537-283	0	0.5	8/3/2004		13.5 J	1	POM-E-537-283(0-0.5)	4323318-HG	ABD HG DELIN SAMP RND 1 8/04
L	537-295	0	0.5	8/27/2004		0.922 J	1	POM-E-537-295-0-0.5	4341618-HG	ABD HG DELIN SAMP RND 2 8/04
L	537-308	0	0.5	9/30/2004		2.33 J	1	POM-E-537-308(0-0.5)	4366768-HG	ABD HG DELIN SAMP RND 3 10/04
L	537-321	1.5	2	10/27/2004		19.1	1	POM-E-537-321(1.5-2)	4390569-HG	ABD HG DELIN SAMP RND 4 10/04
L	537-321	0	0.5	10/27/2004		0.91	1	POM-E-537-321(0-0.5)	4390568-HG	ABD HG DELIN SAMP RND 4 10/04
M	537-453	2.7	3.2	1/12/2007		68.3 J	1	POM-E-537-453(2.7-3.2)	4959136-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-453	1.35	1.85	1/12/2007		3.64 J	1	POM-E-537-453(1.35-1.85)	4959135-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-453	0	0.5	1/12/2007		5.92 J	1	POM-E-537-453(0.0-0.5)	4959134-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-454	1.4	1.9	1/12/2007		15	1	POM-E-537-454(1.4-1.9)	4959145-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-454	0	0.5	1/12/2007		0.609	1	POM-E-537-454(0.0-0.5)	4959144-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-455	1.1	1.6	1/12/2007		4.44	1	POM-E-537-455(1.1-1.6)	4959147-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-455	0	0.5	1/12/2007		0.375	1	POM-E-537-455(0.0-0.5)	4959146-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-456	1.8	2.3	1/12/2007		15.6	1	POM-E-537-456(1.8-2.3)	4959150-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-456	0.85	1.35	1/12/2007		2.2	1	POM-E-537-456(0.85-1.35)	4959149-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-456	0	0.5	1/12/2007		0.764	1	POM-E-537-456(0.0-0.5)	4959148-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-457	1.1	1.5	1/12/2007		5.82 J	1	POM-E-537-457(1.1-1.5)	4959139-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-457	0	0.5	1/12/2007		0.456 J	1	POM-E-537-457(0.0-0.5)	4959138-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-458	1.2	1.7	1/12/2007		12.4 J	1	POM-E-537-458(1.2-1.7)	4959141-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-458	0	0.5	1/12/2007		0.912 J	1	POM-E-537-458(0.0-0.5)	4959140-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-459	0.9	1.4	1/12/2007		3.55 J	1	POM-E-537-459(0.9-1.4)	4959143-HG	ABD HG DELIN SAMP RND 19 1/07
M	537-459	0	0.5	1/12/2007		0.132 J	1	POM-E-537-459(0.0-0.5)	4959142-HG	ABD HG DELIN SAMP RND 19 1/07
N	537-477	0.7	1.2	4/19/2007		10	1	POM-E-537-477(0.7-1.2)	5035880-HG	ABD HG DELIN RND 20 4/07
N	537-477	0	0.5	4/19/2007		2.75	1	POM-E-537-477(0.0-0.5)	5035879-HG	ABD HG DELIN RND 20 4/07
N	537-478	1.9	2.4	4/19/2007	DUP	20.6	1	POM-E-537-478(1.9-2.4)-DUP	5035887-HG	ABD HG DELIN RND 20 4/07
N	537-478	1.9	2.4	4/19/2007		17.8	1	POM-E-537-478(1.9-2.4)	5035883-HG	ABD HG DELIN RND 20 4/07
N	537-478	0.9	1.4	4/19/2007		8.97	1	POM-E-537-478(0.9-1.4)	5035882-HG	ABD HG DELIN RND 20 4/07
N	537-478	0	0.5	4/19/2007		1.07	1	POM-E-537-478(0.0-0.5)	5035881-HG	ABD HG DELIN RND 20 4/07
N	537-479	0.9	1.4	4/19/2007		10.4	1	POM-E-537-479(0.9-1.4)	5035889-HG	ABD HG DELIN RND 20 4/07
N	537-479	0	0.5	4/19/2007		0.893	1	POM-E-537-479(0.0-0.5)	5035888-HG	ABD HG DELIN RND 20 4/07
O	537-464	0.5	1	1/16/2007		0.0441 J	1	POM-E-537-464(0.5-1.0)	4961305-HG	ABD HG DELIN SAMP RND 19 1/07
O	537-464	0	0.5	1/16/2007		2.25	1	POM-E-537-464(0.0-0.5)	4961304-HG	ABD HG DELIN SAMP RND 19 1/07
O	537-465	2.1	2.6	1/16/2007		17.7	1	POM-E-537-465(2.1-2.6)	4961307-HG	ABD HG DELIN SAMP RND 19 1/07
O	537-465	1.1	1.6	1/16/2007		15.7	1	POM-E-537-465(1.1-1.6)	4961297-HG	ABD HG DELIN SAMP RND 19 1/07
O	537-465	0	0.5	1/16/2007		2.04	1	POM-E-537-465(0.0-0.5)	4961306-HG	ABD HG DELIN SAMP RND 19 1/07
O	537-466	0.5	1	1/16/2007		0.0223 J	1	POM-E-537-466(0.5-1.0)	4961309-HG	ABD HG DELIN SAMP RND 19 1/07
O	537-466	0	0.5	1/16/2007		1.71	1	POM-E-537-466(0.0-0.5)	4961308-HG	ABD HG DELIN SAMP RND 19 1/07
P	537-480	1.2	1.7	4/20/2007		58.5	1	POM-E-537-480(1.2-1.7)	5035891-HG	ABD HG DELIN RND 20 4/07
P	537-480	0	0.5	4/20/2007		1.4	1	POM-E-537-480(0.0-0.5)	5035890-HG	ABD HG DELIN RND 20 4/07
P	537-481	0	0.5	5/1/2007	DUP	0.622 J	1	POM-E-537-481(0-0.5)-DUP	5045739-HG	ABD HG DELIN RND 20 4/07
P	537-481	0	0.5	5/1/2007		0.624 J	1	POM-E-537-481(0-0.5)	5045735-HG	ABD HG DELIN RND 20 4/07
P	537-482	1.2	1.7	4/20/2007		25.4	1	POM-E-537-482(1.2-1.7)	5035893-HG	ABD HG DELIN RND 20 4/07

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P	537-482	0	0.5	4/20/2007		2.16	1	POM-E-537-482(0.0-0.5)	5035892-HG	ABD HG DELIN RND 20 4/07
P	537-483	0.7	1.2	4/20/2007		38	1	POM-E-537-483(0.7-1.2)	5035895-HG	ABD HG DELIN RND 20 4/07
P	537-483	0	0.5	4/20/2007		1.96	1	POM-E-537-483(0.0-0.5)	5035894-HG	ABD HG DELIN RND 20 4/07
P	537-484	1.8	2.3	4/20/2007	DUP	20.5	1	POM-E-537-484(1.8-2.3)-DUP	5035902-HG	ABD HG DELIN RND 20 4/07
P	537-484	1.8	2.3	4/20/2007		19.6	1	POM-E-537-484(1.8-2.3)	5035901-HG	ABD HG DELIN RND 20 4/07
P	537-484	0.9	1.4	4/20/2007		3.08	1	POM-E-537-484(0.9-1.4)	5035897-HG	ABD HG DELIN RND 20 4/07
P	537-484	0	0.5	4/20/2007		0.913	1	POM-E-537-484(0.0-0.5)	5035896-HG	ABD HG DELIN RND 20 4/07
P	537-485	0.5	0.8	4/20/2007		1.07	1	POM-E-537-485(0.5-0.8)	5035904-HG	ABD HG DELIN RND 20 4/07
P	537-485	0	0.5	4/20/2007		1.91	1	POM-E-537-485(0.0-0.5)	5035903-HG	ABD HG DELIN RND 20 4/07
Q	537-467	1.7	2.2	1/16/2007		25.3	1	POM-E-537-467(1.7-2.2)	4961312-HG	ABD HG DELIN SAMP RND 19 1/07
Q	537-467	0.9	1.4	1/16/2007		3.79	1	POM-E-537-467(0.9-1.4)	4961311-HG	ABD HG DELIN SAMP RND 19 1/07
Q	537-467	0	0.5	1/16/2007		1.89	1	POM-E-537-467(0.0-0.5)	4961310-HG	ABD HG DELIN SAMP RND 19 1/07
Q	537-468	0	0.5	1/16/2007		2.47	1	POM-E-537-468(0.0-0.5)	4961313-HG	ABD HG DELIN SAMP RND 19 1/07
Q	537-469	2	2.5	1/17/2007		10.6	1	POM-E-537-469(2.0-2.5)	4962086-HG	ABD HG DELIN SAMP RND 19 1/07
Q	537-469	1.1	1.6	1/17/2007	DUP	2.38	1	POM-E-537-469(1.1-1.6)-DUP	4962090-HG	ABD HG DELIN SAMP RND 19 1/07
Q	537-469	1.1	1.6	1/17/2007		2.56	1	POM-E-537-469(1.1-1.6)	4962085-HG	ABD HG DELIN SAMP RND 19 1/07
Q	537-469	0	0.5	1/17/2007		1.11	1	POM-E-537-469(0.0-0.5)	4962084-HG	ABD HG DELIN SAMP RND 19 1/07
Q	537-470	0.6	1.1	1/17/2007		18.3	1	POM-E-537-470(0.6-1.1)	4962097-HG	ABD HG DELIN SAMP RND 19 1/07
Q	537-470	0	0.5	1/17/2007		2.29	1	POM-E-537-470(0.0-0.5)	4962096-HG	ABD HG DELIN SAMP RND 19 1/07
Q	537-471	0.5	1	1/17/2007		0.0201 J	1	POM-E-537-471(0.5-1.0)	4962099-HG	ABD HG DELIN SAMP RND 19 1/07
Q	537-471	0	0.5	1/17/2007		0.488	1	POM-E-537-471(0.0-0.5)	4962098-HG	ABD HG DELIN SAMP RND 19 1/07
R	537-489	2	2.5	4/11/2007	DUP	19.4	1	POM-E-537-489(2.0-2.5)-DUP	5027993-HG	ABD HG DELIN RND 20 4/07
R	537-489	2	2.5	4/11/2007		19.7	1	POM-E-537-489(2.0-2.5)	5027988-HG	ABD HG DELIN RND 20 4/07
R	537-489	1	1.5	4/11/2007		10.8	1	POM-E-537-489(1.0-1.5)	5027987-HG	ABD HG DELIN RND 20 4/07
R	537-489	0	0.5	4/11/2007		2.58	1	POM-E-537-489(0.0-0.5)	5027986-HG	ABD HG DELIN RND 20 4/07
R	537-490	0	0.5	4/11/2007		0.379	1	POM-E-537-490(0.0-0.5)	5027992-HG	ABD HG DELIN RND 20 4/07
R	537-491	0.6	1.1	4/11/2007		21.2	1	POM-E-537-491(0.6-1.1)	5028002-HG	ABD HG DELIN RND 20 4/07
R	537-491	0	0.4	4/11/2007		0.493	1	POM-E-537-491(0.0-0.4)	5028001-HG	ABD HG DELIN RND 20 4/07
R	537-492	2.8	3.3	4/11/2007		20.2	1	POM-E-537-492(2.8-3.3)	5028005-HG	ABD HG DELIN RND 20 4/07
R	537-492	1.4	1.9	4/11/2007		2.6	1	POM-E-537-492(1.4-1.9)	5028004-HG	ABD HG DELIN RND 20 4/07
R	537-492	0	0.5	4/11/2007		1.79	1	POM-E-537-492(0.0-0.5)	5028003-HG	ABD HG DELIN RND 20 4/07
R	537-493	2.5	3	4/11/2007		0.0481 J	1	POM-E-537-493(2.5-3.0)	5028008-HG	ABD HG DELIN RND 20 4/07
R	537-493	1.25	1.85	4/11/2007		8.72	1	POM-E-537-493(1.25-1.85)	5028007-HG	ABD HG DELIN RND 20 4/07
R	537-493	0	0.5	4/11/2007		0.927	1	POM-E-537-493(0.0-0.5)	5028006-HG	ABD HG DELIN RND 20 4/07
S	537-472	2.1	2.6	1/17/2007		22	1	POM-E-537-472(2.1-2.6)	4962102-HG	ABD HG DELIN SAMP RND 19 1/07
S	537-472	1.1	1.6	1/17/2007		2.1	1	POM-E-537-472(1.1-1.6)	4962101-HG	ABD HG DELIN SAMP RND 19 1/07
S	537-472	0	0.5	1/17/2007		1.18	1	POM-E-537-472(0.0-0.5)	4962100-HG	ABD HG DELIN SAMP RND 19 1/07
S	537-473	0.6	1.1	1/17/2007		2.58	1	POM-E-537-473(0.6-1.1)	4962092-HG	ABD HG DELIN SAMP RND 19 1/07
S	537-473	0	0.5	1/17/2007		1.28	1	POM-E-537-473(0.0-0.5)	4962091-HG	ABD HG DELIN SAMP RND 19 1/07
S	537-474	1	1.5	1/17/2007		23.6	1	POM-E-537-474(1.0-1.5)	4962094-HG	ABD HG DELIN SAMP RND 19 1/07
S	537-474	0	0.5	1/17/2007		2.42	1	POM-E-537-474(0.0-0.5)	4962093-HG	ABD HG DELIN SAMP RND 19 1/07
W	537-486	0	0.5	4/23/2007		0.357 J	1	POM-E-537-486(0.0-0.5)	5035905-HG	ABD HG DELIN RND 20 4/07
W	537-487	0.5	1	4/11/2007		0.732	1	POM-E-537-487(0.5-1.0)	5027997-HG	ABD HG DELIN RND 20 4/07
W	537-487	0	0.5	4/11/2007		0.811	1	POM-E-537-487(0.0-0.5)	5027996-HG	ABD HG DELIN RND 20 4/07
W	537-488	1.9	2.4	4/11/2007		6.86	1	POM-E-537-488(1.9-2.4)	5028000-HG	ABD HG DELIN RND 20 4/07
W	537-488	0.95	1.45	4/11/2007		2.56	1	POM-E-537-488(0.95-1.45)	5027999-HG	ABD HG DELIN RND 20 4/07
W	537-488	0	0.5	4/11/2007		0.636	1	POM-E-537-488(0.0-0.5)	5027998-HG	ABD HG DELIN RND 20 4/07
X	537-460	1.5	2	1/16/2007		14.1	1	POM-E-537-460(1.5-2.0)	4961289-HG	ABD HG DELIN SAMP RND 19 1/07
X	537-460	0	0.5	1/16/2007		0.352 J	1	POM-E-537-460(0.0-0.5)	4961288-HG	ABD HG DELIN SAMP RND 19 1/07
X	537-461	2.4	2.9	1/16/2007		22.5	1	POM-E-537-461(2.4-2.9)	4961296-HG	ABD HG DELIN SAMP RND 19 1/07
X	537-461	1.2	1.7	1/16/2007	DUP	11.3	1	POM-E-537-461(1.2-1.7)-DUP	4961292-HG	ABD HG DELIN SAMP RND 19 1/07
X	537-461	1.2	1.7	1/16/2007		6.02	1	POM-E-537-461(1.2-1.7)	4961291-HG	ABD HG DELIN SAMP RND 19 1/07
X	537-461	0	0.5	1/16/2007		0.2 J	1	POM-E-537-461(0.0-0.5)	4961290-HG	ABD HG DELIN SAMP RND 19 1/07
X	537-462	1.7	2.2	1/16/2007		13.9	1	POM-E-537-462(1.7-2.2)	4961295-HG	ABD HG DELIN SAMP RND 19 1/07
X	537-462	0.9	1.4	1/16/2007		2.89	1	POM-E-537-462(0.9-1.4)	4961294-HG	ABD HG DELIN SAMP RND 19 1/07
X	537-462	0	0.5	1/16/2007		0.302 J	1	POM-E-537-462(0.0-0.5)	4961293-HG	ABD HG DELIN SAMP RND 19 1/07
X	537-463	1.4	1.9	1/16/2007		16.3	1	POM-E-537-463(1.4-1.9)	4961303-HG	ABD HG DELIN SAMP RND 19 1/07
X	537-463	0	0.5	1/16/2007		2.06	1	POM-E-537-463(0.0-0.5)	4961302-HG	ABD HG DELIN SAMP RND 19 1/07
X	537-499	2.5	3	8/22/2007		12.9	1	POM-E-537-499(2.5-3.0)	5137232-HG	ABD HG DELIN SAMP RND 21 8/07
X	537-499	1.3	1.8	8/22/2007		3.03	1	POM-E-537-499(1.3-1.8)	5137236-HG	ABD HG DELIN SAMP RND 21 8/07
X	537-499	0	0.5	8/22/2007		1.77	1	POM-E-537-499(0.0-0.5)	5137230-HG	ABD HG DELIN SAMP RND 21 8/07
X	537-500	1.6	2.1	8/22/2007	DUP	9.15	1	POM-E-537-500(1.6-2.1)-DUP	5137240-HG	ABD HG DELIN SAMP RND 21 8/07
X	537-500	1.6	2.1	8/22/2007		9.67	1	POM-E-537-500(1.6-2.1)	5137237-HG	ABD HG DELIN SAMP RND 21 8/07
X	537-500	0.8	1.3	8/22/2007		2.25	1	POM-E-537-500(0.8-1.3)	5137238-HG	ABD HG DELIN SAMP RND 21 8/07
X	537-500	0	0.5	8/22/2007		1.56	1	POM-E-537-500(0.0-0.5)	5137231-HG	ABD HG DELIN SAMP RND 21 8/07

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X	537-501	2.3	2.8	8/23/2007		7.09	1	POM-E-537-501(2.3-2.8)	5140272-HG	ABD HG DELIN SAMP RND 21 8/07
X	537-501	1.15	1.65	8/23/2007		4.01	1	POM-E-537-501(1.15-1.65)	5140273-HG	ABD HG DELIN SAMP RND 21 8/07
X	537-502	0.5	1	8/23/2007		5.81	1	POM-E-537-502(0.5-1.0)	5140274-HG	ABD HG DELIN SAMP RND 21 8/07
X	537-503	0.7	1.2	8/23/2007		7.87	1	POM-E-537-503(0.7-1.2)	5142138-HG	ABD HG DELIN SAMP RND 21 8/07
X	537-509	1.1	1.6	10/17/2007		4.48	1	POM-E-537-509(1.1-1.6)	5189357-HG	ABD HG DELIN SAMP RND 22 10/07
X	537-510	0.7	1.2	10/17/2007	DUP	5.48	1	POM-E-537-510(0.7-1.2)-DUP	5189362-HG	ABD HG DELIN SAMP RND 22 10/07
X	537-510	0.7	1.2	10/17/2007		4.68	1	POM-E-537-510(0.7-1.2)	5189361-HG	ABD HG DELIN SAMP RND 22 10/07
X	537-511	1.1	1.6	10/18/2007		3.96	1	POM-E-537-511(1.1-1.6)	5190899-HG	ABD HG DELIN SAMP RND 22 10/07
X	537-512	0.5	0.9	10/18/2007		1.46	1	POM-E-537-512(0.5-0.9)	5190900-HG	ABD HG DELIN SAMP RND 22 10/07
X	537-513	0.5	0.9	10/18/2007		0.401 J	1	POM-E-537-513(0.5-0.9)	5190901-HG	ABD HG DELIN SAMP RND 22 10/07
Y	537-448	0	0.5	1/11/2007		1.03	1	POM-E-537-448(0.0-0.5)	4959120-HG	ABD HG DELIN SAMP RND 19 1/07
Y	537-449	2.1	2.6	1/11/2007		2.92	1	POM-E-537-449(2.1-2.6)	4959123-HG	ABD HG DELIN SAMP RND 19 1/07
Y	537-449	1.05	1.55	1/11/2007	DUP	12.5	1	POM-E-537-449(1.05-1.55)-DUP	4959119-HG	ABD HG DELIN SAMP RND 19 1/07
Y	537-449	1.05	1.55	1/11/2007		14.1	1	POM-E-537-449(1.05-1.55)	4959115-HG	ABD HG DELIN SAMP RND 19 1/07
Y	537-449	0	0.5	1/11/2007		6.32 J	1	POM-E-537-449(0.0-0.5)	4959121-HG	ABD HG DELIN SAMP RND 19 1/07
Y	537-450	0	0.5	1/11/2007		2.89	1	POM-E-537-450(0.0-0.5)	4959122-HG	ABD HG DELIN SAMP RND 19 1/07
Y	537-451	2.5	3	1/11/2007		12.6 J	1	POM-E-537-451(2.5-3.0)	4959126-HG	ABD HG DELIN SAMP RND 19 1/07
Y	537-451	1.25	1.75	1/11/2007		2.6 J	1	POM-E-537-451(1.25-1.75)	4959125-HG	ABD HG DELIN SAMP RND 19 1/07
Y	537-451	0	0.5	1/11/2007		1.57 J	1	POM-E-537-451(0.0-0.5)	4959124-HG	ABD HG DELIN SAMP RND 19 1/07
Y	537-494	1.8	2.3	4/23/2007		361	1	POM-E-537-494(1.8-2.3)	5035909-HG	ABD HG DELIN RND 20 4/07
Y	537-494	0.9	1.4	4/23/2007		21.4	1	POM-E-537-494(0.9-1.4)	5035908-HG	ABD HG DELIN RND 20 4/07
Y	537-494	0	0.5	4/23/2007		11.6	1	POM-E-537-494(0.0-0.5)	5035907-HG	ABD HG DELIN RND 20 4/07
Y	537-495	0.5	0.8	4/23/2007		5.88	1	POM-E-537-495(0.5-0.8)	5035911-HG	ABD HG DELIN RND 20 4/07
Y	537-495	0	0.5	4/23/2007		65.1	1	POM-E-537-495(0.0-0.5)	5035910-HG	ABD HG DELIN RND 20 4/07
Y	537-496	0.5	1	4/23/2007	DUP	7.4	1	POM-E-537-496(0.5-1.0)-DUP	5035914-HG	ABD HG DELIN RND 20 4/07
Y	537-496	0.5	1	4/23/2007		6.14	1	POM-E-537-496(0.5-1.0)	5035913-HG	ABD HG DELIN RND 20 4/07
Y	537-496	0	0.5	4/23/2007		1.45	1	POM-E-537-496(0.0-0.5)	5035912-HG	ABD HG DELIN RND 20 4/07
Y	537-497	2.5	3	4/23/2007		118	1	POM-E-537-497(2.5-3.0)	5035920-HG	ABD HG DELIN RND 20 4/07
Y	537-497	1.25	1.75	4/23/2007		5.81	1	POM-E-537-497(1.25-1.75)	5035916-HG	ABD HG DELIN RND 20 4/07
Y	537-497	0	0.5	4/23/2007		4.25	1	POM-E-537-497(0.0-0.5)	5035915-HG	ABD HG DELIN RND 20 4/07
Y	537-498	0.5	1	4/23/2007		5.55	1	POM-E-537-498(0.5-1.0)	5035922-HG	ABD HG DELIN RND 20 4/07
Y	537-498	0	0.5	4/23/2007		4.08	1	POM-E-537-498(0.0-0.5)	5035921-HG	ABD HG DELIN RND 20 4/07
Z	537-527	2.5	3	11/14/2007	DUP	0.0497 J	1	POM-E-537-527(2.5-3.0)-DUP	5214663-HG	ABD HG DELIN SAMP RND 23 11/07
Z	537-527	2.5	3	11/14/2007		0.0456 J	1	POM-E-537-527(2.5-3.0)	5214665-HG	ABD HG DELIN SAMP RND 23 11/07
Z	537-527	1.25	1.75	11/14/2007		13.2	1	POM-E-537-527(1.25-1.75)	5214659-HG	ABD HG DELIN SAMP RND 23 11/07
Z	537-529	0.7	1.2	11/14/2007		0.388	1	POM-E-537-529(0.7-1.2)	5214666-HG	ABD HG DELIN SAMP RND 23 11/07
Z	537-530	4.7	5.2	11/14/2007		2.16	1	POM-E-537-530(4.7-5.2)	5217237-HG	ABD HG DELIN SAMP RND 23 11/07
Z	537-530	2.35	2.87	11/14/2007		3.31	1	POM-E-537-530(2.35-2.87)	5217236-HG	ABD HG DELIN SAMP RND 23 11/07
Z	537-531	4.3	4.8	11/14/2007		1.88	1	POM-E-537-531(4.3-4.8)	5220355-HG	ABD HG DELIN SAMP RND 23 11/07
Z	537-531	2.15	2.65	11/14/2007		1.73	1	POM-E-537-531(2.15-2.65)	5220356-HG	ABD HG DELIN SAMP RND 23 11/07
Z	537-532	3	3.5	11/14/2007		0.0193 J	1	POM-E-537-532(3.0-3.5)	5220354-HG	ABD HG DELIN SAMP RND 23 11/07
Z	537-532	1.5	2	11/14/2007		2.53	1	POM-E-537-532(1.5-2.0)	5220353-HG	ABD HG DELIN SAMP RND 23 11/07
Z	537-533	1.6	2.1	11/14/2007		1.36	1	POM-E-537-533(1.6-2.1)	5228068-HG	ABD HG DELIN SAMP RND 23 11/07

Notes:

800' = Inside 800-foot radius

"w" = Un-named tributary in channel

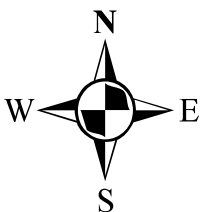
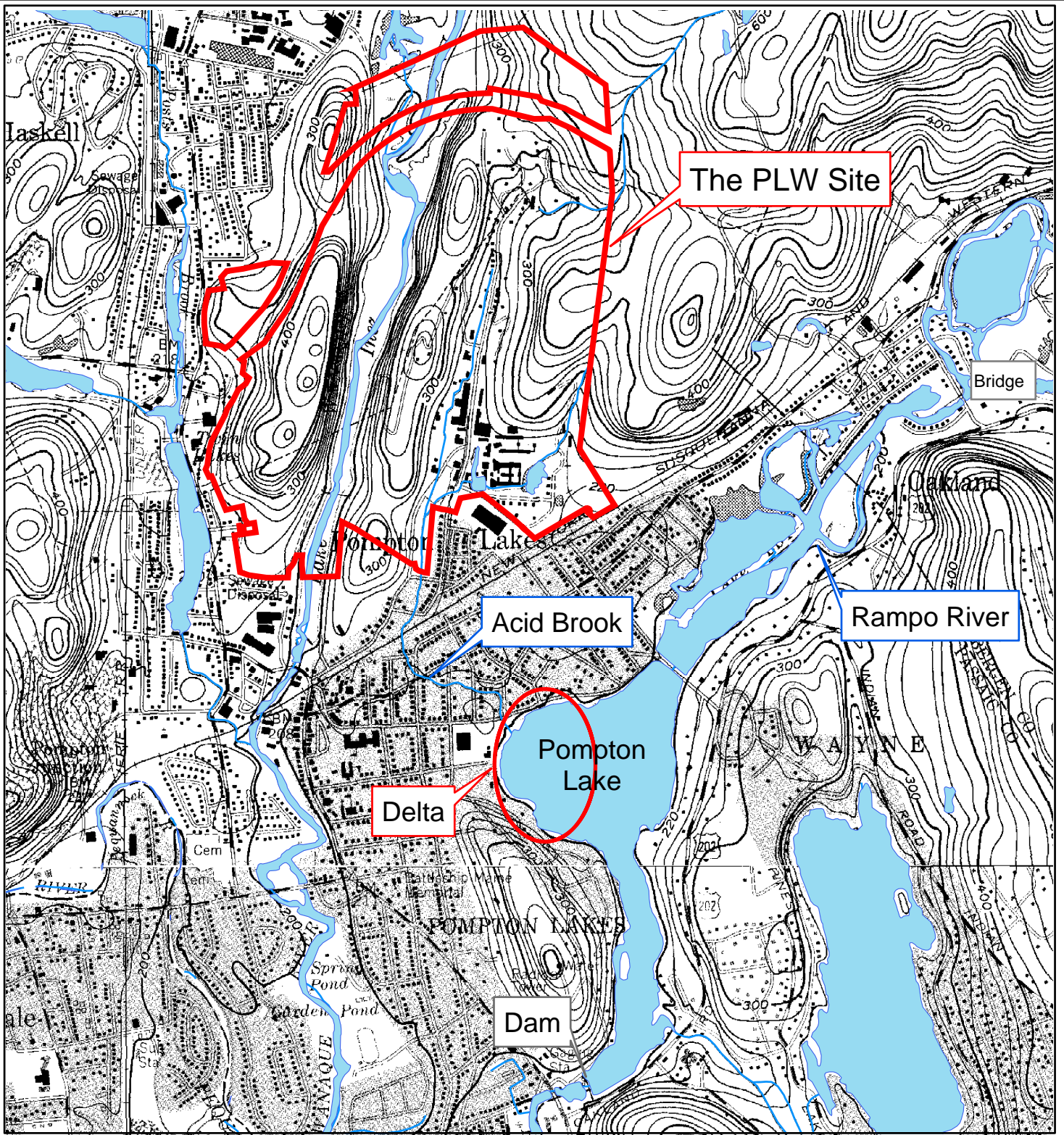
"X" = East Shore Transect

"y" = West Shore Transect

"Z" = North Shore Transect

1 - sample points in island adjacent to Transect P are designated "P"

FIGURES



Base is portions of the
USGS Wanaque QUAD and
USGS Pompton Plains QUAD



Corporate Remediation Group

*An Alliance between DuPont
and URS Diamond Group*

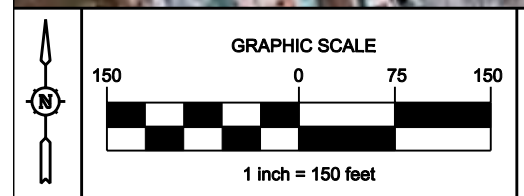
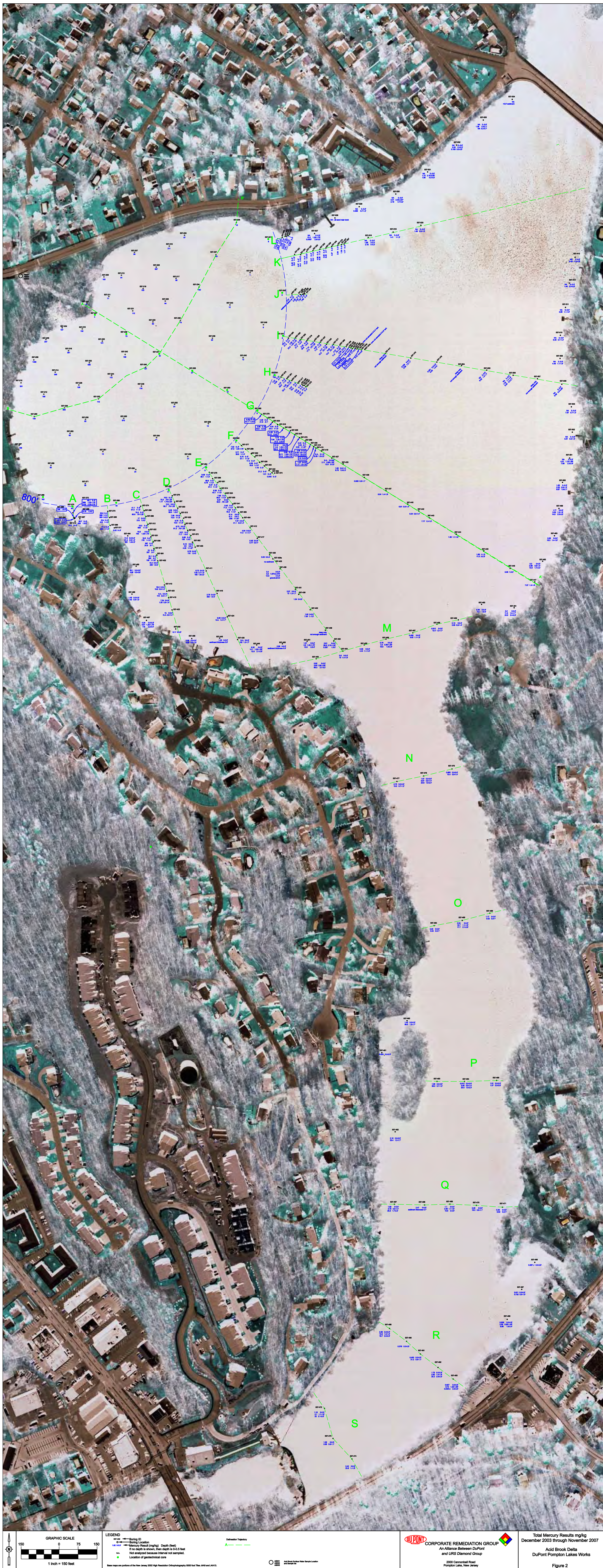
2000 Cannonball Road
Pompton Lakes, New Jersey 07442



SITE LOCATION MAP

**DuPont Pompton Lakes Works
Pompton Lakes, New Jersey**

Figure 1



LEGEND

- Sampling ID
- Sampling Date
- Mercury Results (mpg)
- Depth (feet)
- Location of groundwater pipe
- Data Entry Status
- Data Entered
- Data Not Entered
- Data Not Available

CORPORATE REMEDIATION GROUP
URS DIAMOND GROUP

Total Mercury Results (mpg)
 December 2003 through November 2007
 Acid Brook Delta
 DuPont Pompton Lakes Works
 Figure 2

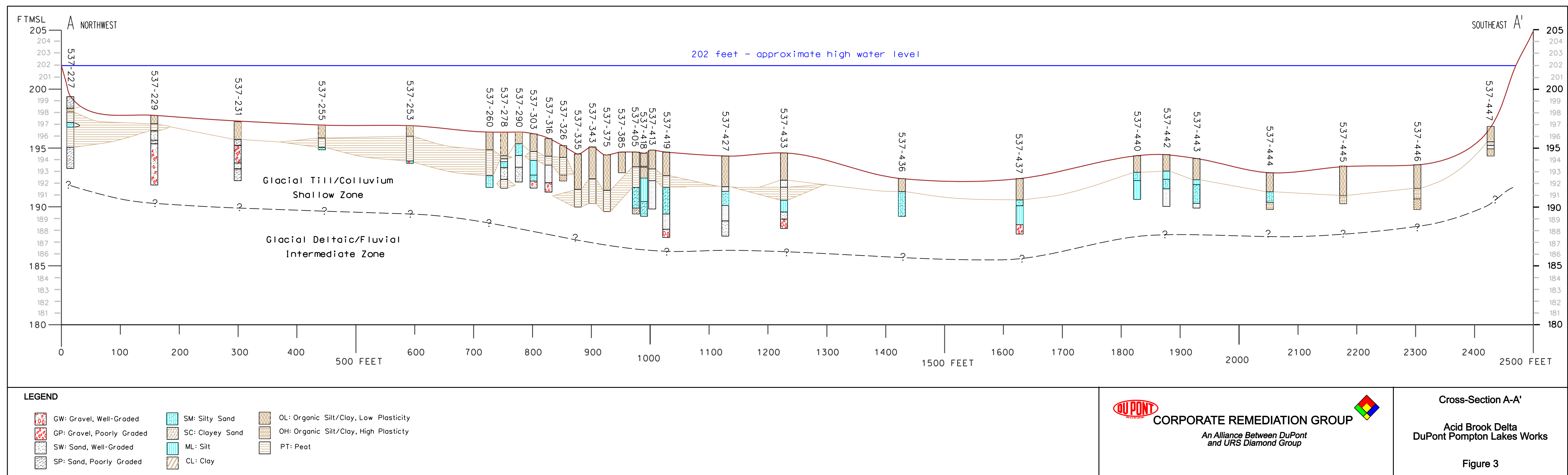
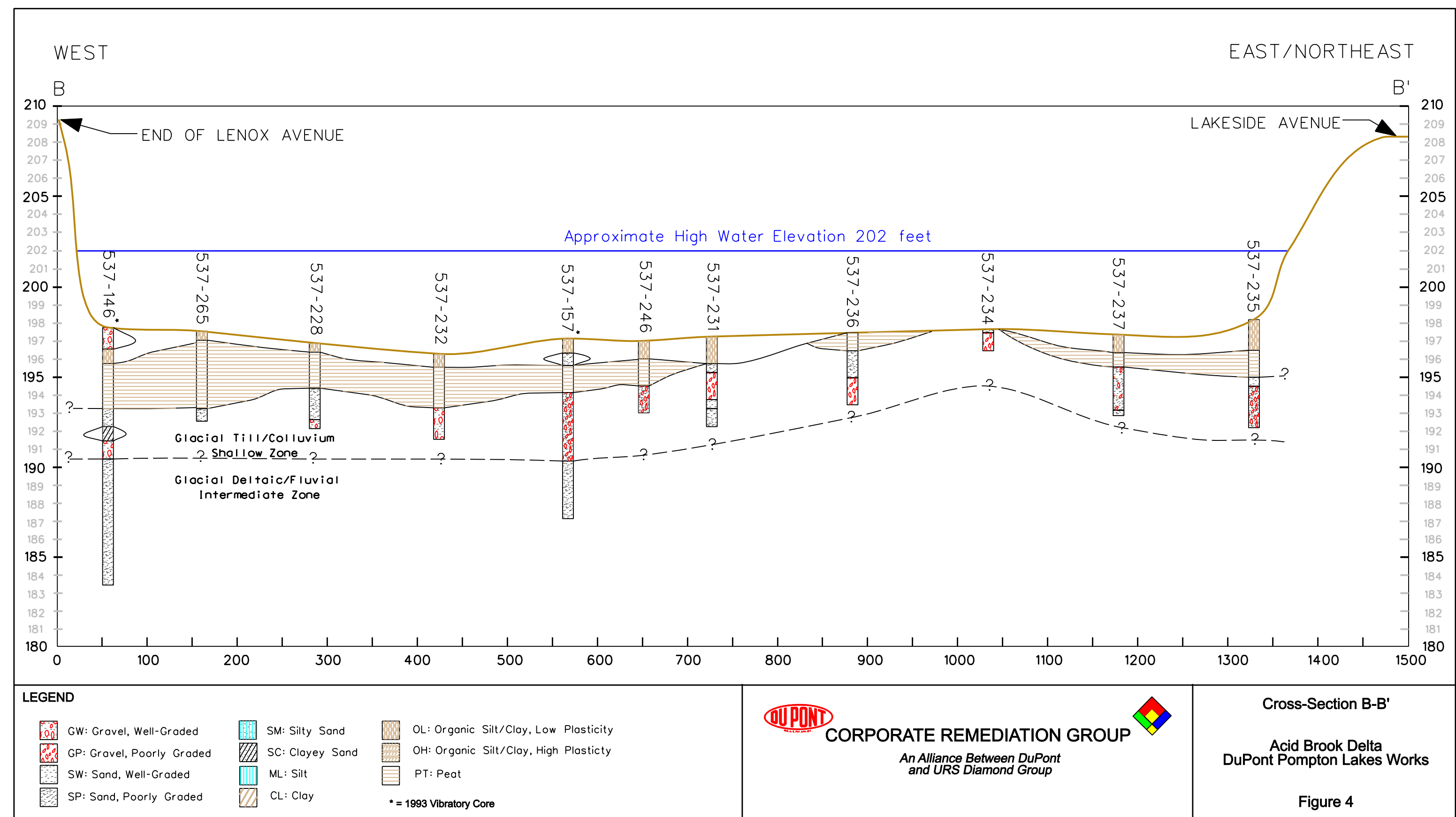


Figure 5
 Channel Profiles with Mercury Concentrations
 DuPont, Pompton Lakes

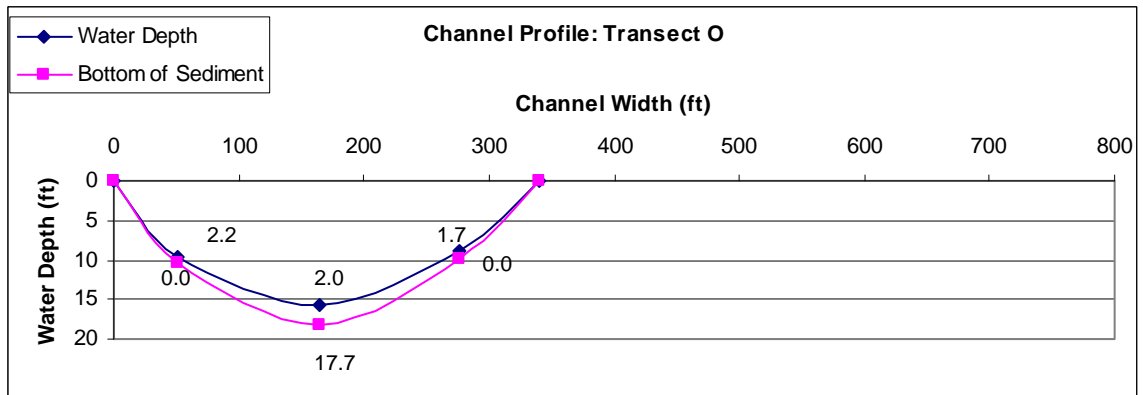
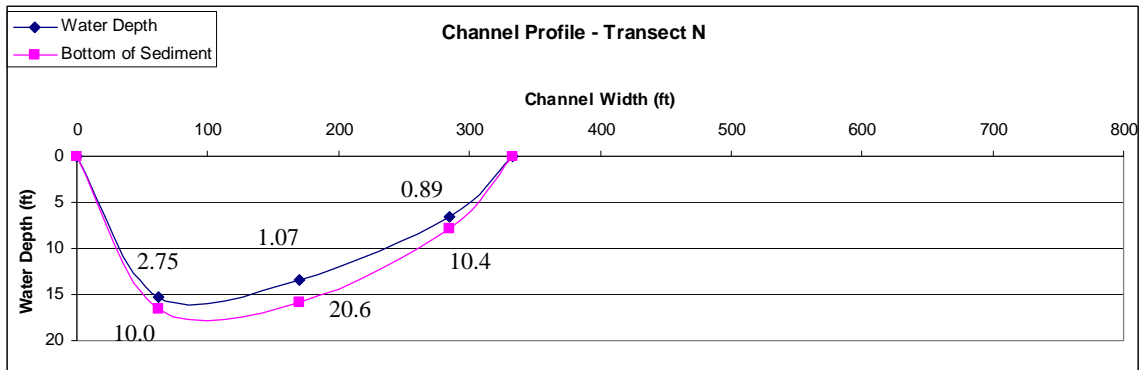
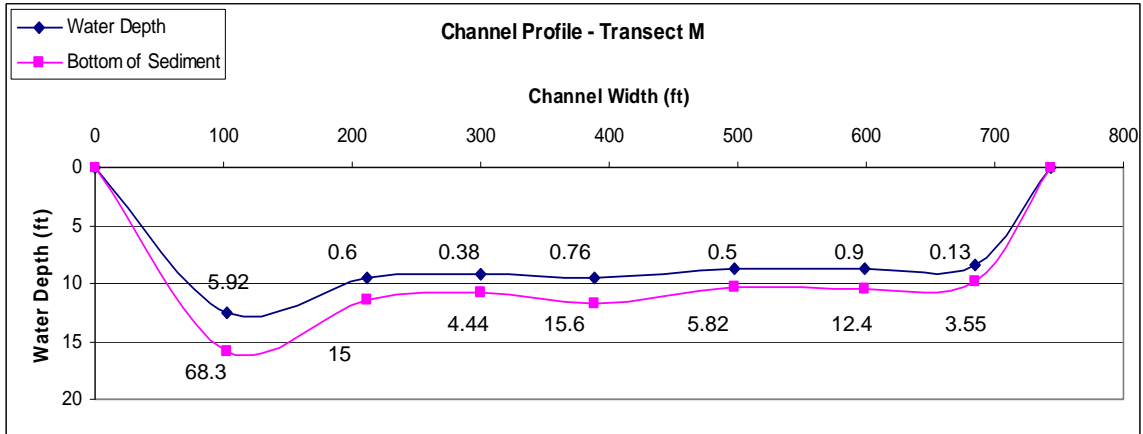
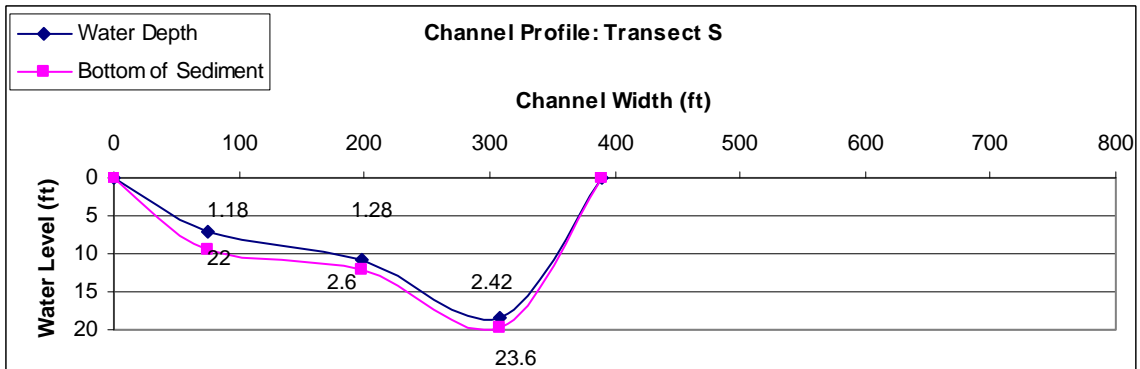
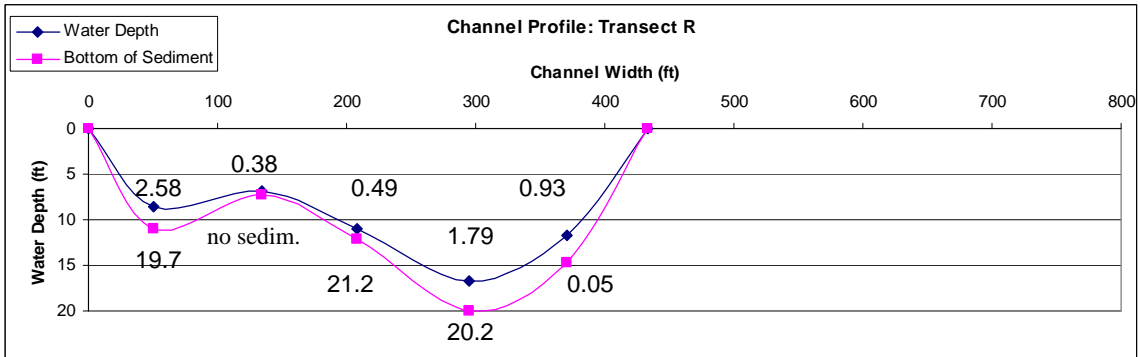
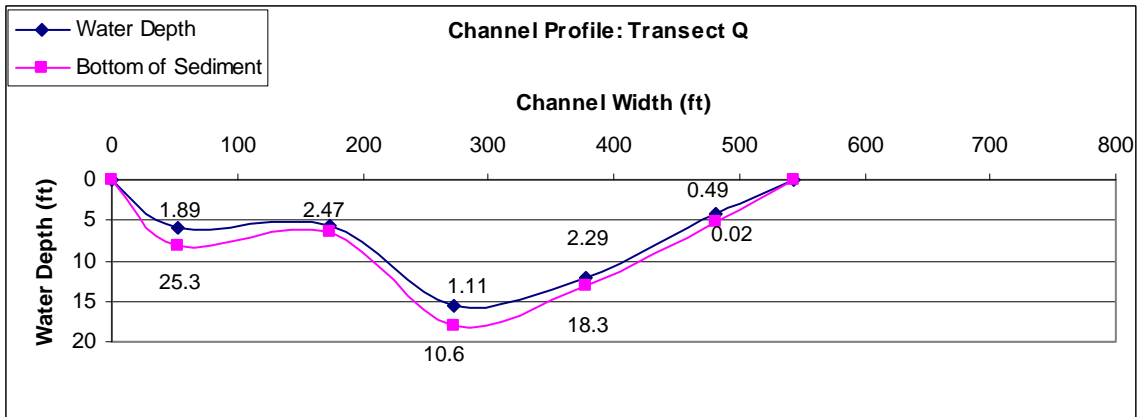
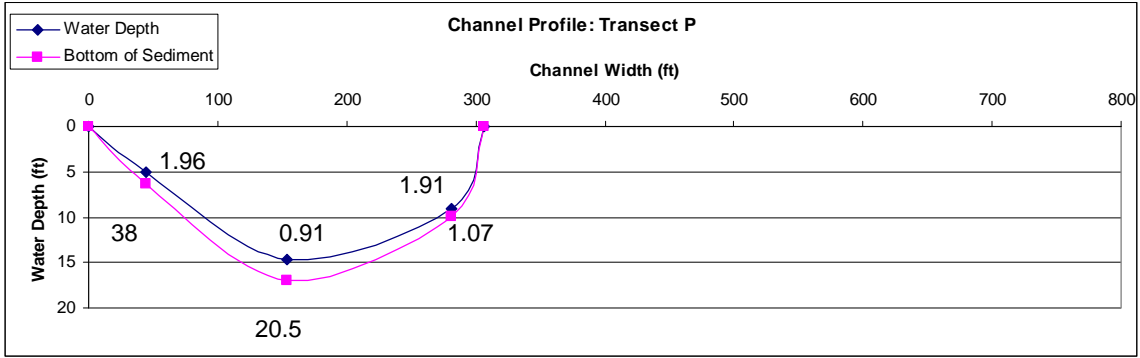
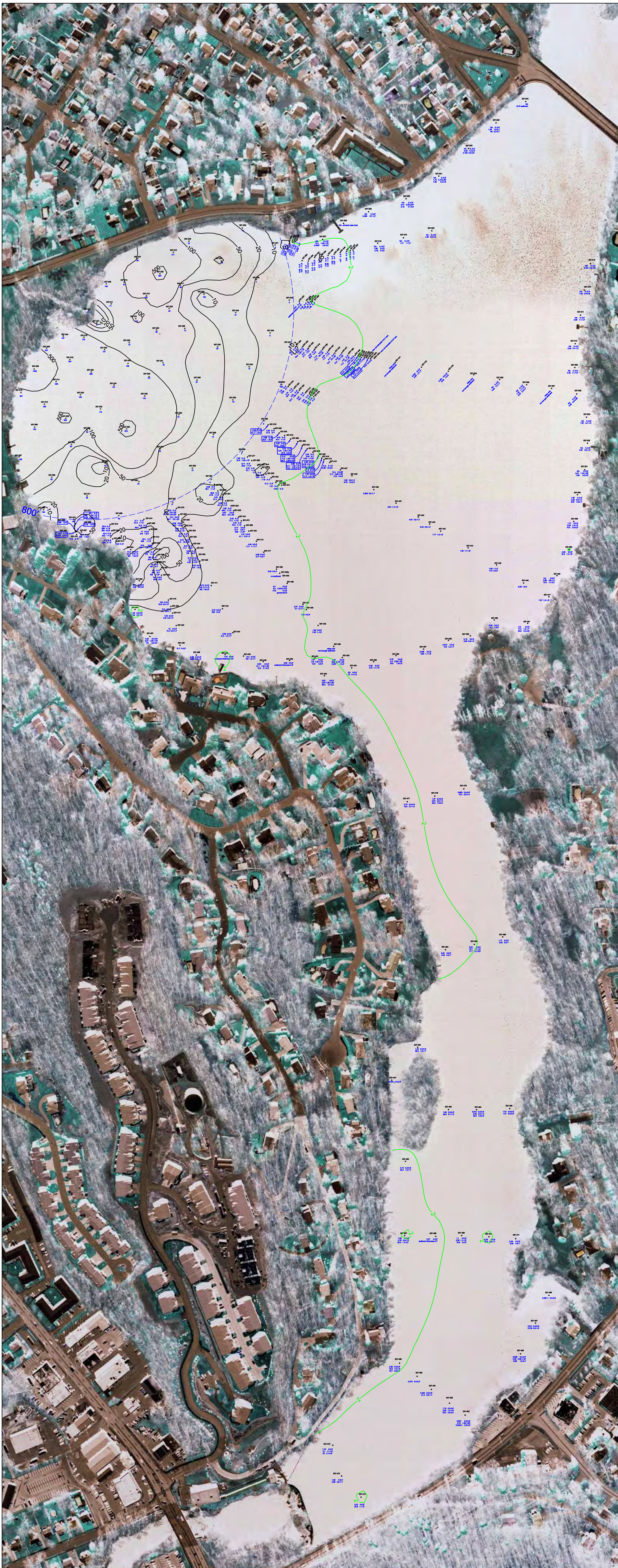



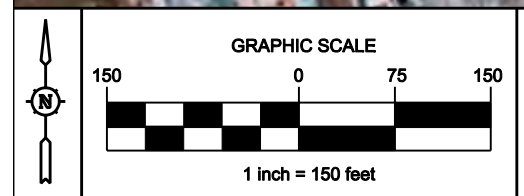
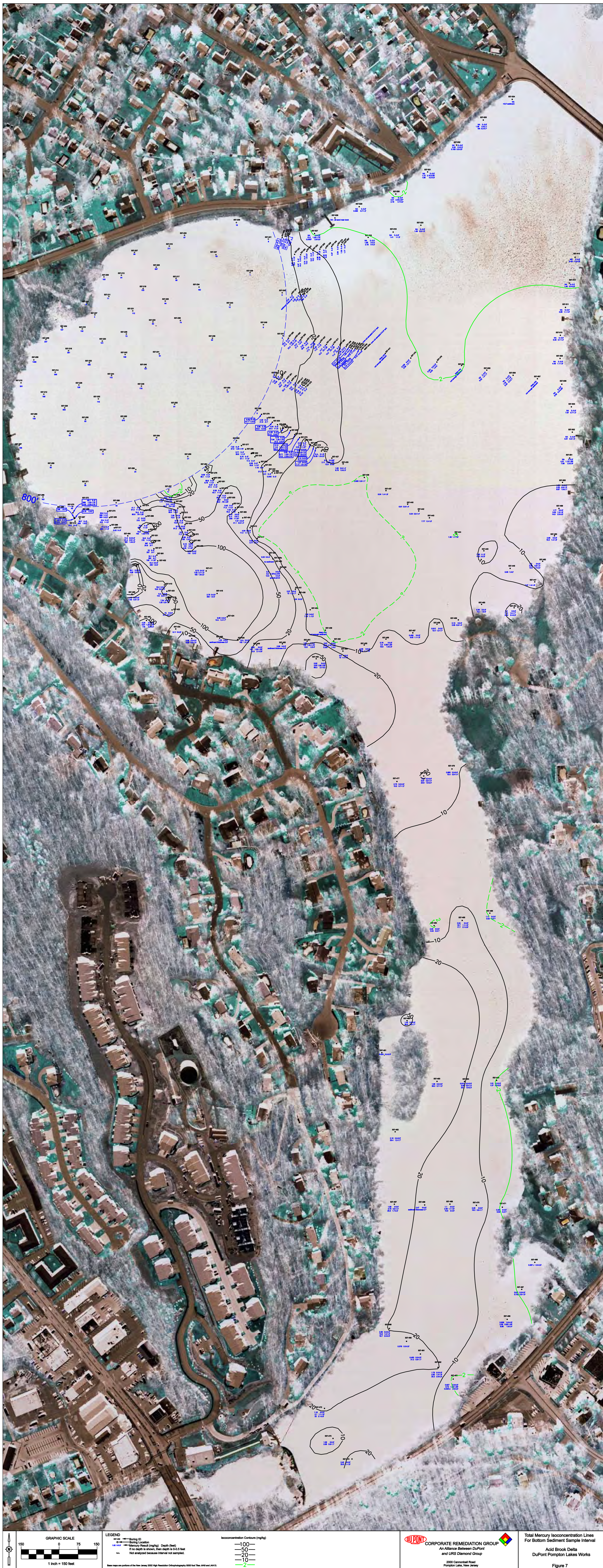
Figure 5
 Channel Profiles with Mercury Concentrations
 DuPont, Pompton Lakes






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 Project No. 000-000000

Total Mercury Concentration Lines
 For 95% Post Sample Interval
 Add Back Delta
 DuPont Lakes Works
 Figure 6



LEGEND
 Sampling ID
 Mercury Point (Depth, Date, Time)
 Not analyzed because below 15.2 ft
 Not analyzed because thermal not sampled

Isocentration Contours (Depth)
 100
 50
 20
 10
 5

DU PONT
 CORPORATE REMEDIATION GROUP
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Total Mercury Isocentration Lines
 For Bottom Sediment Sample Interval
 Acid Brock Delta
 DuPont Pompton Lakes Works
 Figure 7

