Environmental Resources Management

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27 August 2018

Reference: 0311941

Mr. Eric Obrecht
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A
625 Broadway, 11th Floor
Albany, NY 12233-7015

Re: Semi-Annual Report/Technical Memorandum: February 2018 – July 2018
Applied Environmental Services (Shore Realty) Superfund Site
1 Shore Road, Glenwood Landing, New York 11547
NYSDEC Site #130006

Dear Mr. Obrecht:

On behalf of the Glenwood Landing Performing Parties Group Technical Committee, please find the attached Semi-Annual Monitoring Report/Technical Memorandum for the above referenced Site and reporting period.

Quarterly Operation and Alarm Summary Reports covering the reporting period were previously generated and forwarded to the NYSDEC, USEPA, NYSDOH and NC DOH.

Please feel free to contact me at (631) 756-8920, or email me at: chris.wenczel@erm.com if you have any questions or comments regarding the enclosed report.

Sincerely,

Chris W. Wenczel, P.G.
Principal Consultant

Attacment

cc: Ashley Similo (US EPA)
Deborah E. LaMond (PPG Technical Committee; Phillips 66 Remediation Management)
Mark Hendrickson (PPG Technical Committee; Chevron)
Jay Tolle (PPG Technical Committee; Northrup Grumman Corp.)
Robin Stone Einbinder, Esq. (PPG Technical Committee)
Jeff Kuzemchak (Northrup Grumman Corp.)
Zwelonke Ian Ushe (NYSDOH)
Robin Putnam (NC DOH)
Jim Perazzo, (ERM)
John Maddox, (ERM)

T E C H N I C A L M E M O R A N D U M

DATE: 27 August 2018

TO: Mr. Eric Obrecht, Director, Remedial Bureau A
New York State Department of Environmental Conservation

FROM: Glenwood Landing Performing Parties Group Technical Committee

RE: Semi-Annual Report/Technical Memorandum: February 2018 – July 2018
Applied Environmental Services (Shore Realty) Superfund Site: NYSDEC Site #130006
1 Shore Road, Glenwood Landing, New York 11547

1. INTRODUCTION

On behalf of the Performing Parties Group (PPG) and pertaining to the Applied Environmental Services (AES)/Shore Realty property in Glenwood Landing, New York (Site), ERM Consulting & Engineering, Inc. (ERM) has prepared this Semi-Annual Report/Technical Memorandum for the six (6) month period of February 2018 – July 2018.

This report summarizes continuing remedial Operations, Maintenance & Monitoring (OM&M) activities, and the results thereof for the reporting period in accordance with the July 2013 Remedial System Optimization Plan (RSOP).

The Site is a 3.2-acre parcel located adjacent to Hempstead Harbor that is listed on the federal National Priority List (NPL) and the New York State Registry of Inactive Hazardous Waste Sites. Site Location and Layout Maps are presented in Figures 1 and 2, respectively (Attachment A).

2. HEALTH AND SAFETY ISSUES

There were no accidents, injuries, near misses or general health incidents reported at the Site during the above referenced reporting period. No complaints were received from area property owners or residents regarding the Site.

3. COST SUMMARY

A task-specific summary of quarterly and year-to-date OM&M costs is presented as Table 1 in Attachment B.

4. OPERATIONS SUMMARY

Pulsed operation of the remedial system (two months operating & one month shutdown/pulse cycle) in accordance with the RSOP continued during the reporting period. A series of tables and figures summarizing project to-date operational and monitoring data are presented in Attachment A. A remediation system effectiveness summary detailing project to-date system run times, on-line factors and removal estimates for the Soil Vapor Extraction (SVE), Air Sparge (AS), and groundwater treatment system for 1995-2018 is presented as Table 2. Plots of monthly and cumulative

groundwater processed and volatile organic compound (VOC) mass removal are presented in Figures 3 and 4, respectively.

Remedial system operational times and key data points for the reporting period are summarized below:

	(1 – 28) Feb	(1 – 31) March	(1 - 30) April	(29 – 31) May	(1 – 30) June	(1 – 27) June
Operational Time* (GW/SVE & AS)	100%/100%	69%/37%	97%/76%	100%/100%	85%/54%	89%/90%
Gallons of Water Treated	9,745	145,577	165,292	20,778	155,471	124,469
SVE VOC Concentrations (mg/m^3)	21.0	11.0	11.0	12.0	53.0	74.9
GW VOC Concentrations (ug/l)	0.8	6.8	11.9	1.7	43.0	46.4

*% of scheduled period of operation

Between January 1997 and August 2005, the SVE system mass removal rates were calculated utilizing qualitative total photoionization detector (PID) headspace VOC concentration data. Since September 2005, the soil vapor mass removal rate is estimated based on quantitative laboratory analysis of an air sample collected monthly from the SVE influent vapor stream using US EPA Method TO–3, average vapor flow rate and system run time. Based on the analytical results of the monthly TO-3 samples, an estimated 156.6 pounds of VOCs were removed during the reporting period.

Groundwater mass removal is estimated from laboratory analysis of an influent recovered groundwater sample collected monthly and analyzed using EPA Method 8260B and the volume of water pumped during that month. The groundwater treatment component of the remedial system processed a total of 621,332 gallons of water and removed approximately 1.56 pounds of VOCs during the reporting period.

A remediation system sampling and mass removal summary for the RSOP pulsed-operation period of November 2013 - July 2018 is presented in Table 2A. A plot of the influent groundwater and soil vapor VOC concentrations versus time with Pulse Cycles 1 – 19 indicated therein is presented in Figure 5. As indicated in the plot, influent groundwater and soil vapor VOC concentrations fluctuate over time but those fluctuations do not always coincide with the pulse-cycles. Linear trend lines automatically fitted to the influent groundwater and soil vapor sample VOC concentration plots indicate overall decreasing and increasing trends, respectively.

Figure 6 presents a column chart plot of monthly groundwater and soil vapor mass removals, illustrating the relative contributions from each media. The data and resulting plots demonstrate that most all the VOC mass is removed by the SVE/AS system and the groundwater recovery component of the remedial system is no longer removing any significant VOC mass.

Chronology of Key Events

A brief chronology of key events during the reporting period is presented below.

February: Routine maintenance activities continued throughout the month. Remedial systems were restarted on 28 February and nutrient amendment injection was performed the same day. Post start up samples for Pulse Cycle No. 18 were collected from the treatment system recovered soil vapor and groundwater on 6 March. Pulse Cycle No. 18 "On" period continued until 27 April 2018. The Site parking lot areas were snow plowed on 18 February.

March: Routine maintenance activities continued throughout the month. A nutrient amendment injection was performed on 30 March. An electrical short in the control panel caused related to a level sensing relay was determined to be the problem causing frequent system shutdowns. The level sensing relay which was replaced. Normal operations resumed on 12 March. Six AS wells in the north control cabinet were turned off pending replacement of a ruptured distribution manifold.

The treatment system recovered soil vapor and groundwater were sampled on 6 March for Pulse Cycle No. 18 startup characterization, and again on 29 March for the cycle mid-point analysis. Pulse Cycle No. 18 "On" period continued until 27 April 2018.

April: Routine operational maintenance activities continued throughout the month. The Site parking lot areas were snow plowed on 2 April. Replacement of the compressed air manifold for six AS wells in the north control cabinet was completed and sparging resumed on 11 April. A nutrient amendment injection was performed on 16 April.

On 19 & 20 April, quarterly groundwater samples were collected from the individual extraction wells and the Site groundwater monitoring wells. Treatment system samples (SVE & recovered groundwater) were collected on 24 April. On 27 April, the remedial system was shut down in accordance with the regularly scheduled pulse operation shutdown period that continued until 28 May.

May: Routine shutdown period maintenance activities continued throughout the month. Remedial systems were restarted on 28 May. Post start up samples for Pulse Cycle No. 19 were collected from the treatment system recovered soil vapor and groundwater on 31 May. Pulse Cycle No. 19 "On" period continued until 27 July 2018.

June: Routine operational maintenance activities continued throughout the month. On 8 June, the air sparge compressor was shut down due to a leak in an airline. The line was replaced on 15 June. A nutrient amendment injection was performed on 22 June. Treatment system samples (SVE & recovered groundwater) were collected on 25 June.

On 29 June, the single-phase electrical supply to the treatment building lost its neutral line due to a failed connection. ERM's control contractor evaluated the fault; the electrical utility was notified and normal operation resumed following the utility's repair on 3 July. The SVE/AS systems shut down repeatedly during the month due to a control program misinterpretation of high temperature. The program was corrected and normal operation resumed on 3 July.

July: The 2-month operational period of Pulse Cycle No. 19 concluded on 27 July with shutdown of the SVE/AS and groundwater extraction remedial system. Groundwater samples were collected from the individual extraction wells and the Site groundwater monitoring wells on 26 & 27 July, and

a nutrient amendment injection was performed just prior to the scheduled shutdown of the treatment system. Note that due to a coordination error, well WP-5A had to be sampled on 14 August 2018.

5. FUTURE SYSTEM UPGRADES SCHEDULED AND/OR CONTEMPLATED

Some new minor asphalt subsidence has been noted along the older, bulkhead line that extends most westerly into Hempstead Harbor. An appropriate remedy to backfill the subsidence voids is being determined and coordinated with a subcontractor.

6. DELIVERABLES GENERATED

In accordance with the RSOP, Operations and Alarm Summary Reports are submitted quarterly and the Monitoring Reports/Technical Memoranda are submitted semi-annually to NYSDEC, US EPA, and the New York State and Nassau County Departments of Health (NYSDOH/NC DOH), collectively "the Agencies".

On 15 May 2018, the Semi-Annual Report/Technical Memorandum: August 2017 – January 18 was submitted to the Agencies.

On 5 June 2018, the Operations and Alarm Summary Report for January 2018 – March 2018 was submitted to the Agencies.

On 20 July 2018, the Operations and Alarm Summary Report for April 2018 - June 2018 was submitted to the Agencies.

7. ADMINISTRATIVE ISSUES

On 2 March 2017, the PPG submitted a letter to the NYSDEC requesting concurrence that the remedial system could be discontinued based on the effectiveness requirements set forth in the Consent Judgement governing the PPG's work. This request was a follow up to the 21 September 2016 meeting between representatives of the Settling Owner (Phillips 66), ERM and NYSDEC technical and legal staff to discuss the status of the Site following the remedial system optimization and effectiveness evaluation implemented during 2013 – 2016; the results of which were summarized, evaluated and presented with conclusions in the June 2016 Remedial Effectiveness Evaluation Report (REER). The NYSDEC has not responded to the 2 March 2017 letter.

On 3 August 2018, a follow-up letter was sent to NYSDEC, attached to which was a copy of the PPG's 3 August 2018 Annual Report (January 2017 – December 2017) to Honorable Judge Jack B. Weinstein, United States District Court, Eastern District of New York. Copies of the report were also provided to the Agencies.

8. SITE MONITORING

Quarterly groundwater monitoring events coincide with the end of the 2-month operational period of each Pulse Cycle. All wells used during the quarterly monitoring events are identified on the Site Plan presented in Figure 7. Groundwater samples are collected from 14 wells designated for quarterly monitoring that include:

- Eight (8) groundwater extraction wells (GXs-0 through-7);
- Four (4) groundwater monitoring wells (SWs-4 through 6 & WP-5A); and
- Two (2) air sparge wells (A-11 & A-23).

Well-head total VOC measurements were collected at select wells using a PID. Draeger tube monitoring of selected soil vapor extraction wells and the vapor monitoring points at the Site was suspended in the Second Quarter of 1997 with the approval of the NYSDEC.

All groundwater sampling is performed using low-flow well purge/sample collection methods. Consistent with standard groundwater sampling procedures, field parameters including depth to water, temperature, dissolved oxygen (DO), pH, turbidity, specific conductivity and oxidation-reduction potential (ORP) were measured using field instruments and recorded.

Additionally, ammonia (N) and phosphate (P) levels were historically measured for all wells sampled using the typical field test kits employed during regular quarterly groundwater monitoring events. The target range for N and P in groundwater is 1 – 5 parts per million (ppm). The reported field test kit values for P tended to be much higher than expected and conversely, the values for N have lower than expected. In order to determine if there are Site specific conditions/negative interferences that could be causing bias in the field test kit results, groundwater samples from the 2016 – 2017 sampling events were submitted to the analytical laboratory for comparative N and P analyses.

Quality assurance/quality control (QA/QC) samples are collected including blind duplicates, field equipment blanks, trip blanks, and additional sample aliquots for matrix spike and matrix spike duplicate samples. All groundwater and QA/QC samples are appropriately preserved and shipped under full chain-of-custody procedure via overnight courier to Accutest Laboratories (Accutest) of Dayton, New Jersey. Accutest is a NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratory.

All groundwater samples were analyzed for Target Compound List (TCL) VOCs using Method SW 846-8260C. Site monitoring groundwater sample analytical laboratory data deliverable reports for the April 2018 and July 2018 events are presented in Attachment C.

Monitoring data summaries are presented in Tables 3 – 9 presented in Attachment B. Plots of VOC concentrations in individual groundwater extraction wells GXs-0 through-7 for 1995 - 2018 and the RSOP pulsed-operation period of November 2013 - July 2018 are presented in Figures 8 and 9, respectively.

It should be noted that while depth to water level data are provided for completeness, these data cannot be used to create accurate groundwater contour maps because most all Site wells are tidally influenced as well demonstrated in the March 2012 Supplemental Data Acquisition & Analysis Report[1]. In order to properly evaluate horizontal and vertical groundwater flow directions in a groundwater regime with a significant tidal influence like that which exists at this Site is to compute the average groundwater elevation at each well using water level data collected over several tidal cycles using data loggers. The average groundwater elevations are then used to generate an accurate groundwater contour map from which net potential horizontal and vertical groundwater flow directions may be determined.

Site groundwater monitoring results continue to confirm there are residual VOC concentrations in groundwater in excess of NYS Groundwater Quality Standards (GWQS). These residual VOC levels

[1] March 2012 Supplemental Data Acquisition & Analysis Report, Applied Environmental Services/Shore Realty Superfund Site prepared by ERM Consulting & Engineering, Inc.

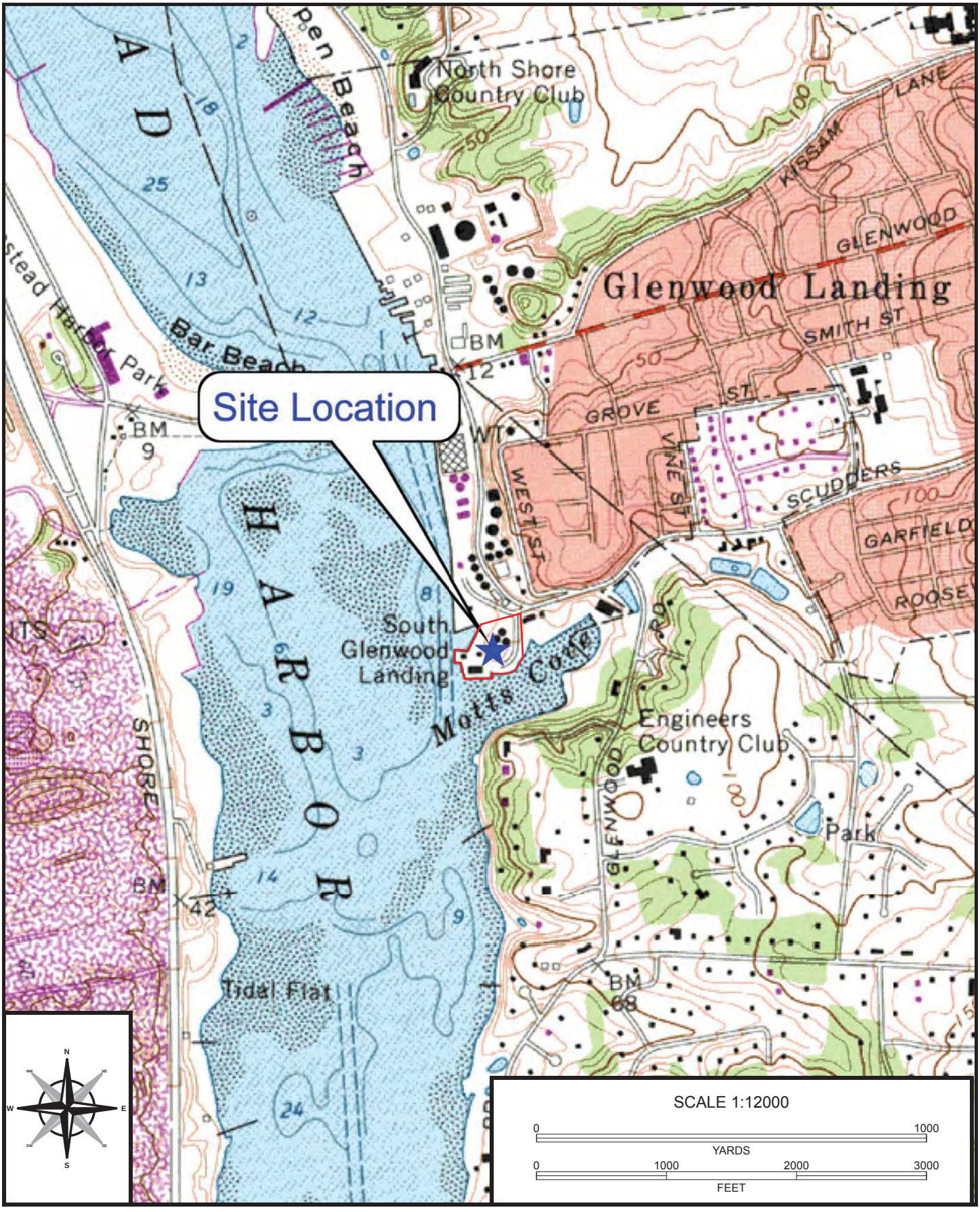
are limited to a shallow layer at the water table in two areas along the western edge of the Site. There were no exceedances of GWQS in the groundwater samples collected from any perimeter monitoring wells, which are located on the east and south sides of the Site. Note that the hydraulically-upgradient north side of the Site has an upgradient monitoring well (WT-93-4) that is not part of the quarterly sampling program. Low concentrations of chlorinated VOCs were detected in this well when sampled as part of the 2011 expanded groundwater sampling event.

Although VOC concentrations in a given well tend to rise and fall from event to event, an overall decreasing trend in VOC concentrations is observed for November 2013–July 2018.

The comparative field test kit and laboratory N & P results presented in Table 7 illustrate significant variability between the two methods). Assuming a higher level of data quality with the laboratory results, both the N and P laboratory results are generally on the low end of 1 – 5 ppm target range and the nutrient amendment formulation is being adjusted to improve N and P concentrations in the target wells. Based on the laboratory test results, the field test kits were determined to be unreliable, and their use was discontinued and replaced by laboratory sample analyses in 2018.

ATTACHMENT A

FIGURES

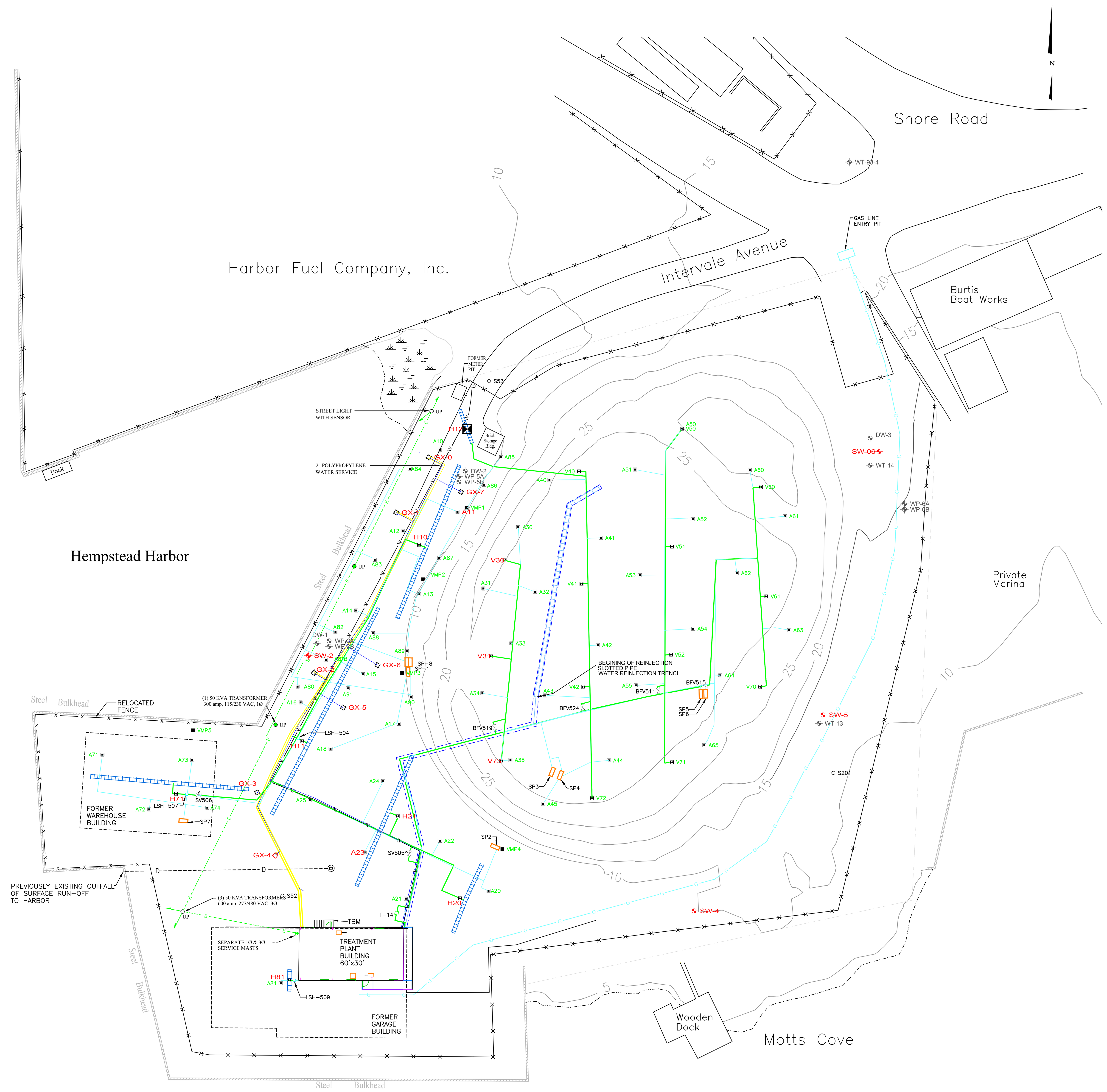


Map Name: SEA CLIFF
Copyright: Copyright (C) 2009 MyTo
Date Published: 1968

Figure 1 - Site Location Map
AES Shore Realty Superfund Site
1 Shore Road, Glenwood Landing, NY
03/04/13
Prepared For: AES Shore Realty.

ERM

0 40' 80'
GRAPHIC SCALE IN FEET



QUARTERLY SITE MONITORING POINTS ARE IN RED

LEGEND

- GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION POINT
- VAPOR MONITORING POINT
- AIR SPARGE WELL
- GROUNDWATER EXTRACTION WELL
- WATER UTILITY LINE
- GAS UTILITY LINE
- ELECTRIC UTILITY LINE
- ELECTRIC UTILITY POLE
- ELECTRIC UTILITY POLE WITH GUIDE WIRES
- VAPOR EXTRACTION PIPE
- AIR SPARGING LINE
- UTILITY SITE DRAINAGE
- GW EXTRACTION PIPES
- GW EXTRACTION INST POWER
- GROUNDWATER REINJECTION TRENCH
- FENCE

0 30' 60'
GRAPHIC SCALE IN FEET

TITLE
SITE LAYOUT MAP
AES/SHORE REALTY
SUPERFUND SITE

PREPARED FOR
THE PERFORMING PARTIES GROUP

ERM Environmental Resources Management

DRAWN BY	SCALE	DATE	JOB NO.	FIGURE
CWW/EMF	AS SHOWN	04/03/2014	0235063.08	2

SOURCE: HANDEX OF NEW JERSEY, INC. 500 CAMPUS DRIVE P.O. BOX 451, MORGANVILLE, NEW JERSEY, 07751
SITE PLAN DWG NAME: 12499-SP, DATE 2/16/2002 FIGURE 1
BASEPLAN DONE BY: LAND TECH REMEDIAL, INC.

Figure 3
Monthly And Cumulative Groundwater Processed: 1995 - July 2018
AES Shore Realty Site, Glenwood Landing, New York

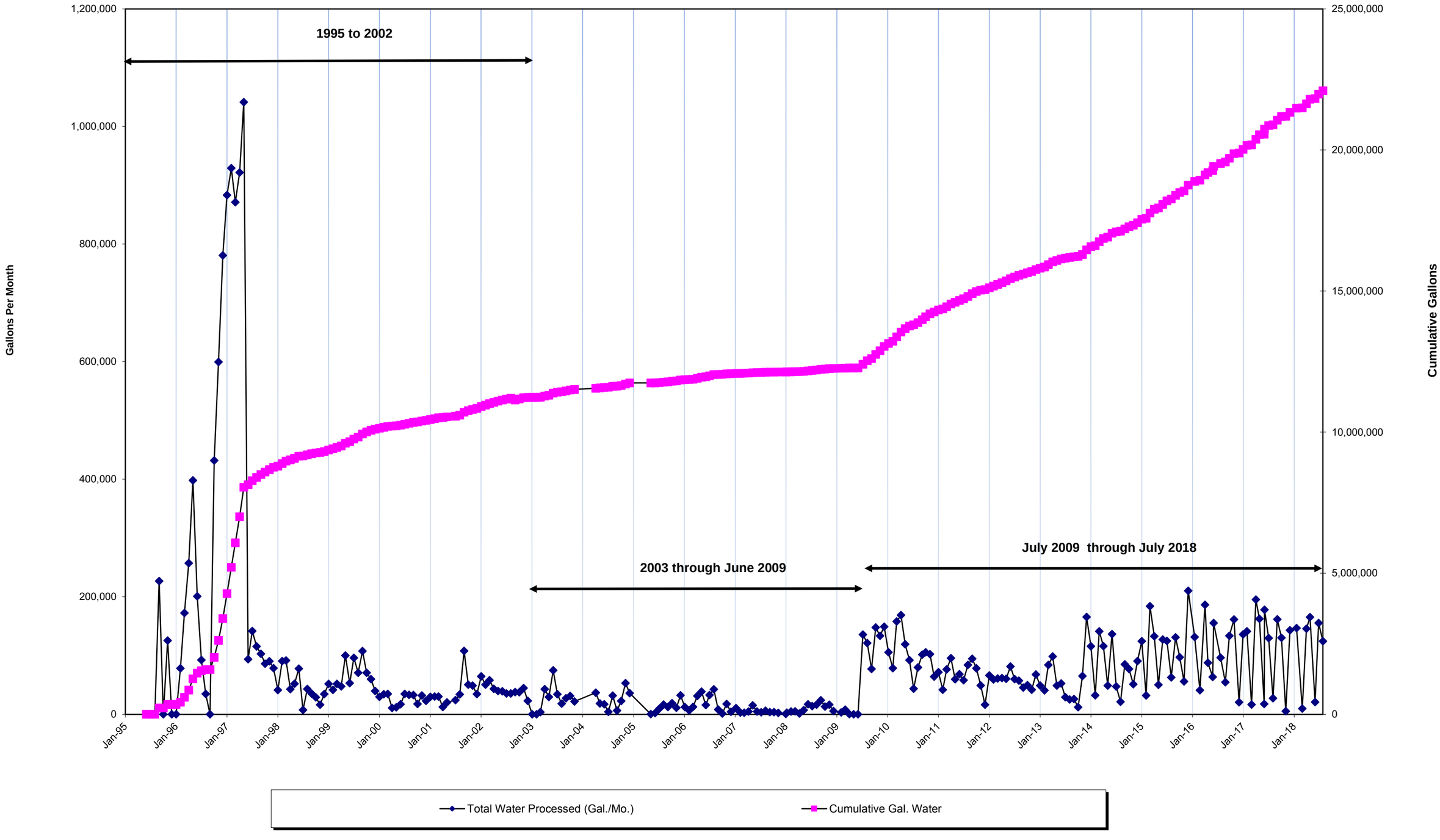


Figure 4
Monthly Cumulative Volatile Organic Compound Mass Removal: 1995 - July 2018
AES Shore Realty Site, Glenwood Landing, New York

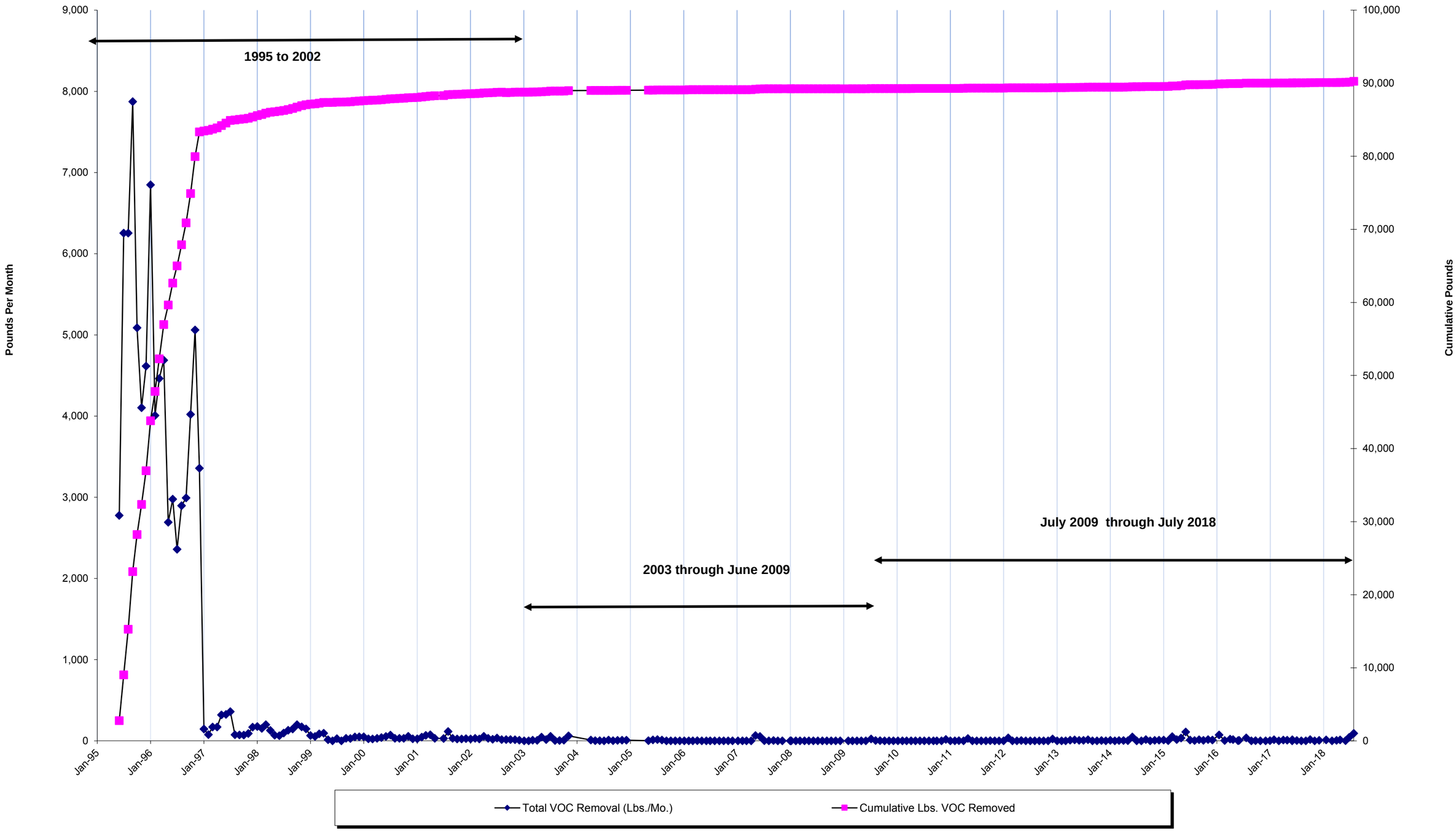


Figure 5
Total VOC Concentrations In Recovered Groundwater and Soil Vapor-Operation Mode: November 2013 - July 2018
AES Shore Realty Site, Glenwood Landing, New York

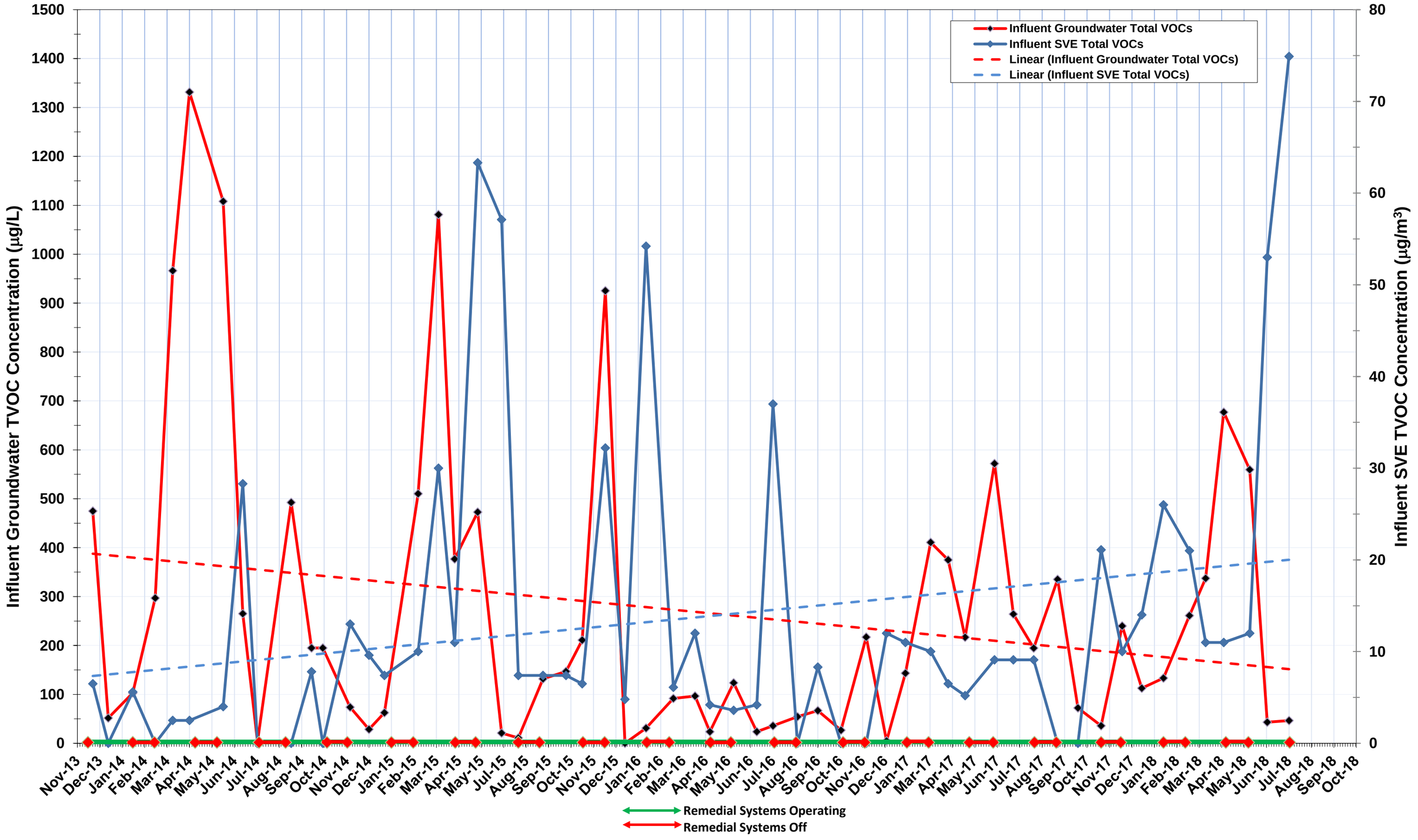
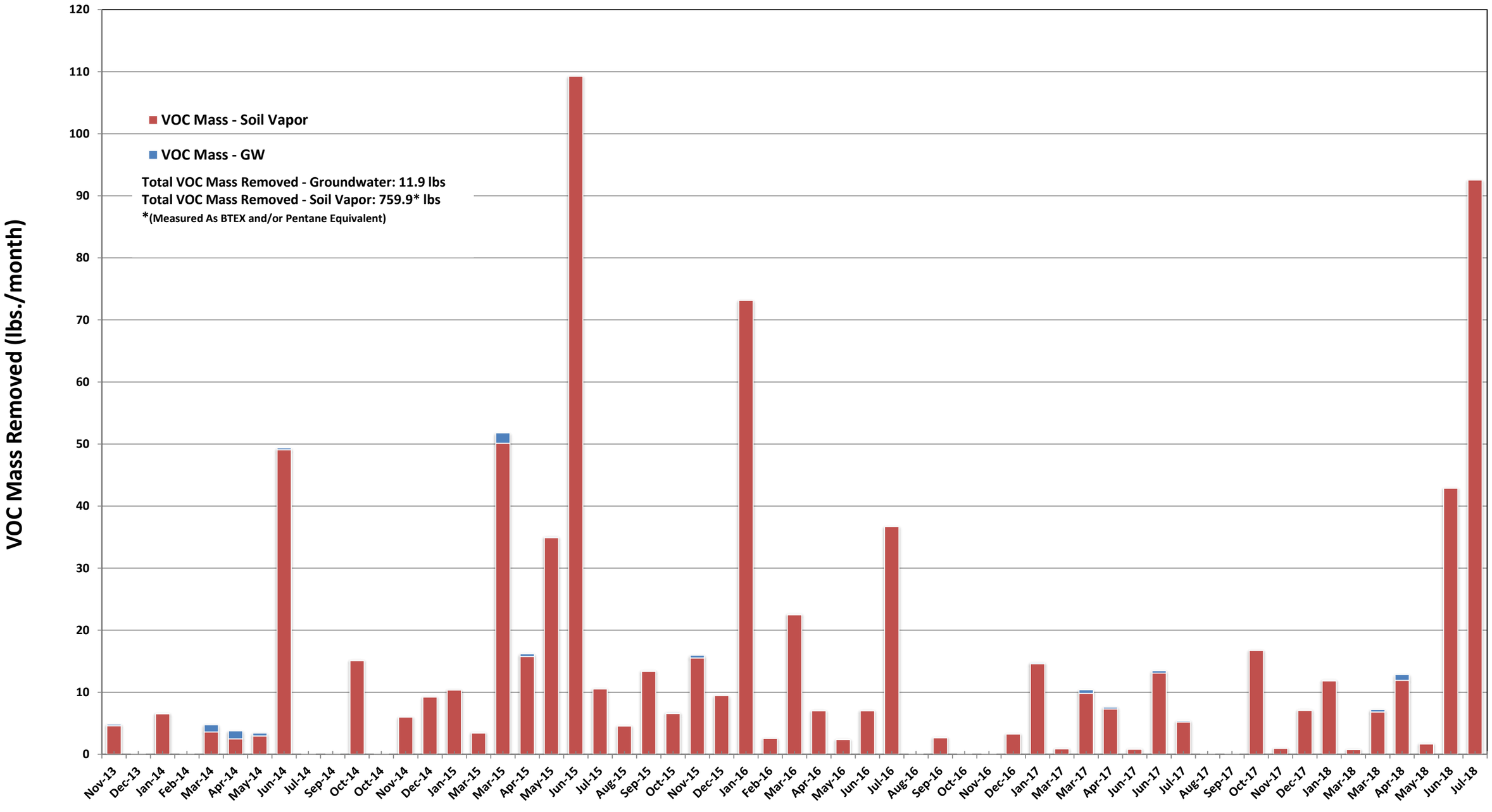
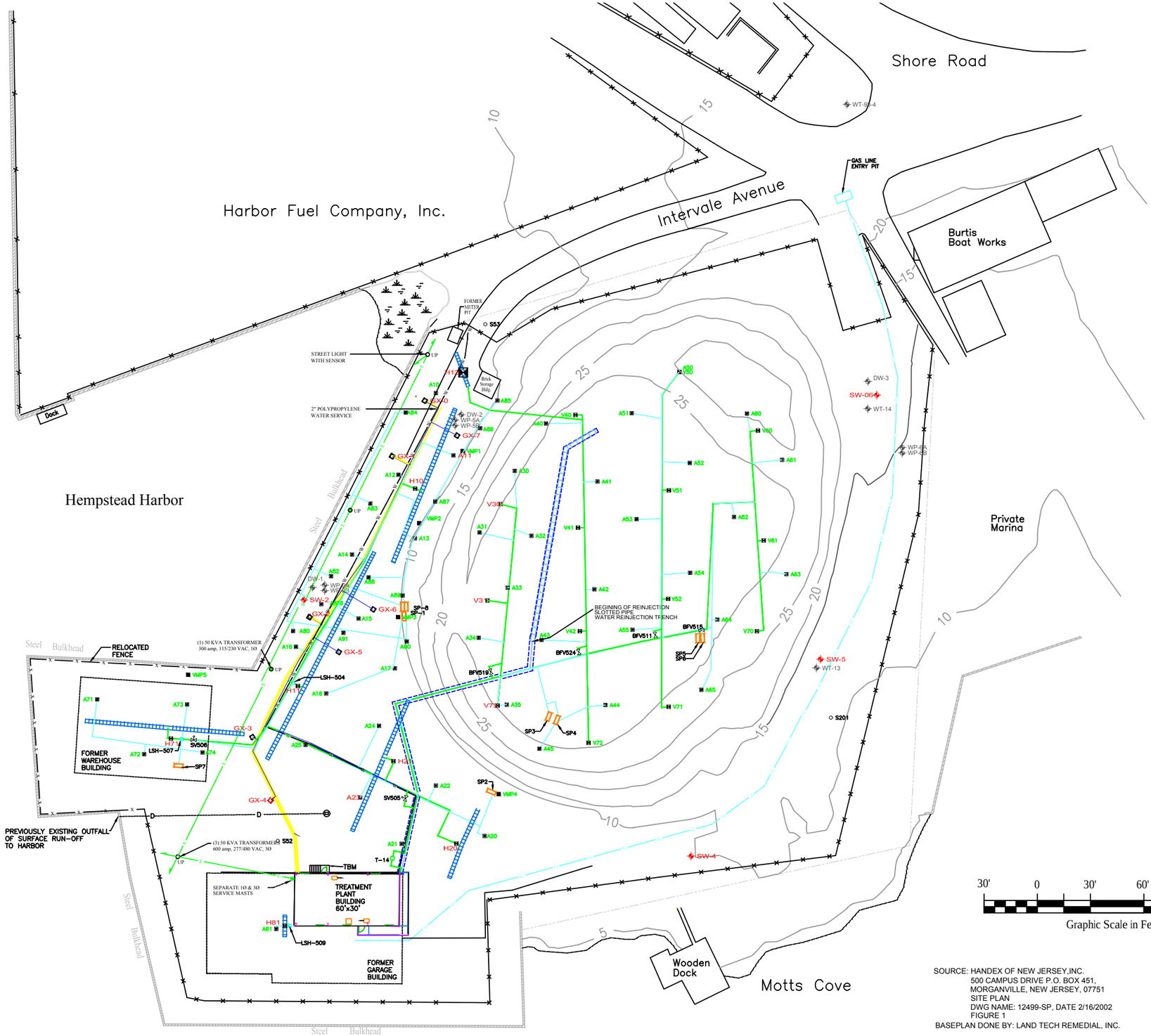


Figure 6
Mass Removal SVE Versus Groundwater Recovery By Month
Pulsed-Operation Mode: November 2013 - July 2018
AES Shore Realty Site, Glenwood Landing, New York





N

QUARTERLY SITE MONITORING POINTS ARE IN RED

LEGEND

- GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION POINT
- VAPOR MONITORING POINT
- AIR SPARGE WELL
- GROUNDWATER EXTRACTION WELL
- W — WATER UTILITY LINE
- G — GAS UTILITY LINE
- E — ELECTRIC UTILITY LINE
- ELECTRIC UTILITY POLE
- ELECTRIC UTILITY POLE WITH GUIDE WIRES
- VAPOR EXTRACTION PIPE
- AIR SPARGING LINE
- D — UTILITY SITE DRAINAGE
- GW EXTRACTION PIPES
- GW EXTRACTION INST POWER
- GROUNDWATER REINJECTION TRENCH
- FENCE

30' 0 30' 60' 120'

Graphic Scale in Feet

SOURCE: HANDEX OF NEW JERSEY,INC.
500 CAMPUS DRIVE P.O. BOX 451,
MORGANVILLE, NEW JERSEY, 07751
SITE PLAN
DWG NAME: 12499-SP, DATE 2/16/2002
FIGURE 1
BASEPLAN DONE BY: LAND TECH REMEDIAL, INC.

TITLE

QUARTERLY SITE MONITORING POINTS
AES/SHORE REALTY SUPERFUND SITE
GLENWOOD LANDING, NEW YORK

PREPARED FOR

THE PERFORMING PARTIES GROUP

Environmental Resources Management

SCALE	FIGURE
GRAPHIC	7

DRAWN:	JOB NO.:	FILE NAME:	DATE
CWW/EMF	0235063	SEE PATH	06252014

R:\Scout\Projects\AES Shore Realty\CAD\2012\2014-06-25 - AES Shore Realty - New and Correct Site Plan - Use For All Future Drawings (CWW).dwg (06/25/2014 - 12:18pm Melville)

Figure 8
Total BTEX Concentrations In Groundwater - Select Wells 1995 - 2018
AES Shore Realty Site, Glenwood Landing, New York

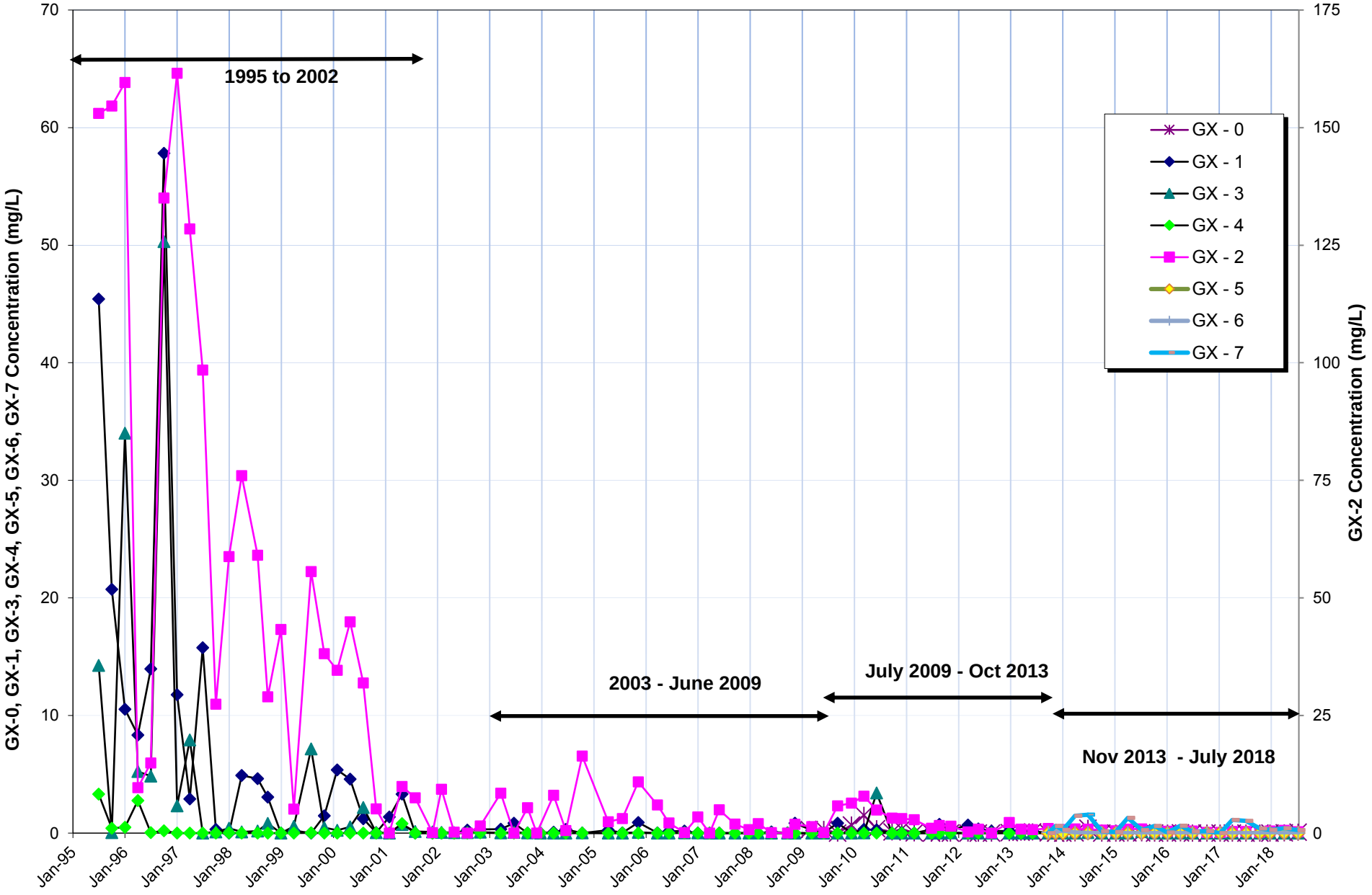


Figure 9
Total BTEX Concentrations In Groundwater - Select Wells
Pulsed-Operation Mode: November 2013 - July 2018
AES Shore Realty Site, Glenwood Landing, New York

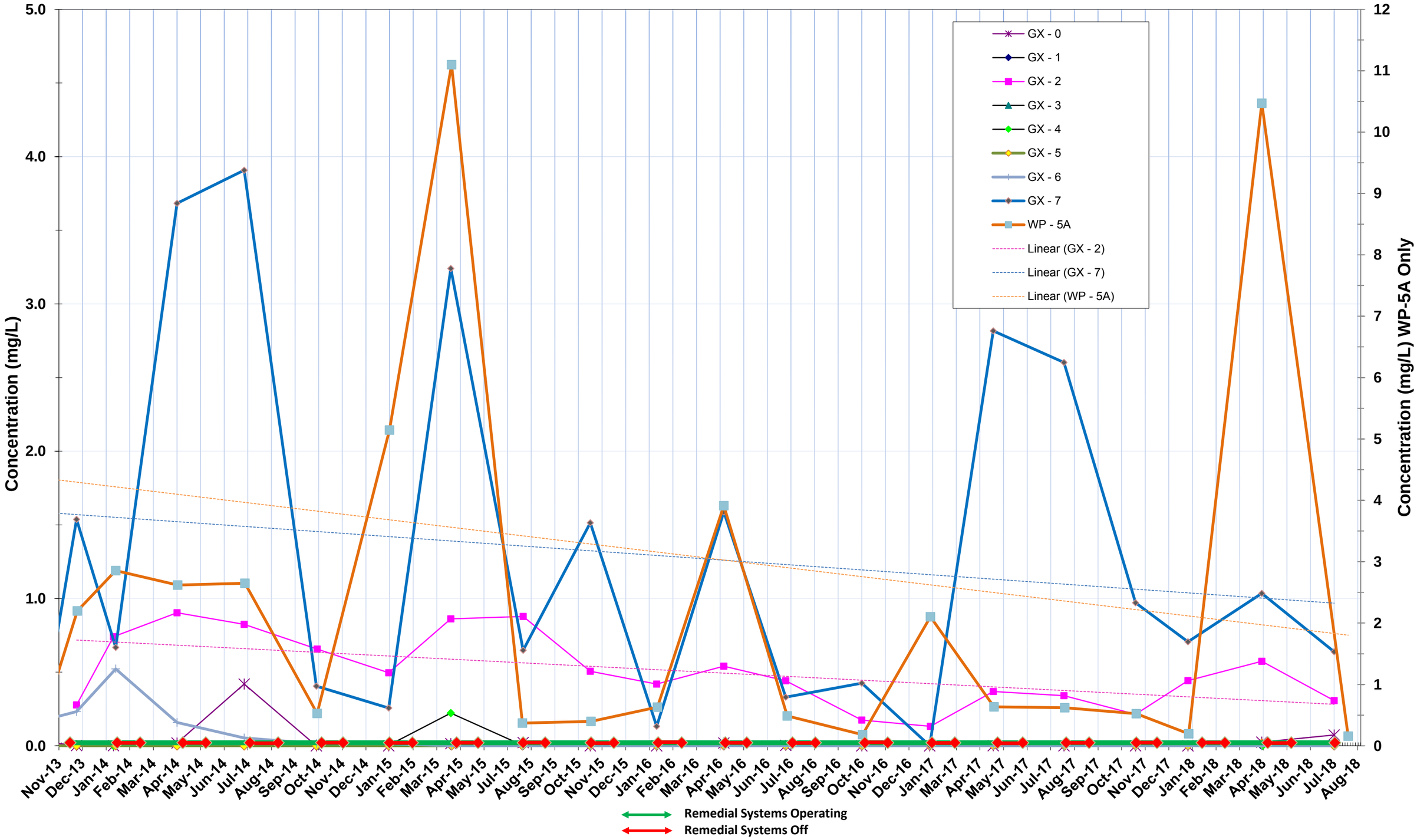


Figure 10
Groundwater pH By Well 2007 - 2018
AES Shore Realty Site, Glenwood Landing, New York

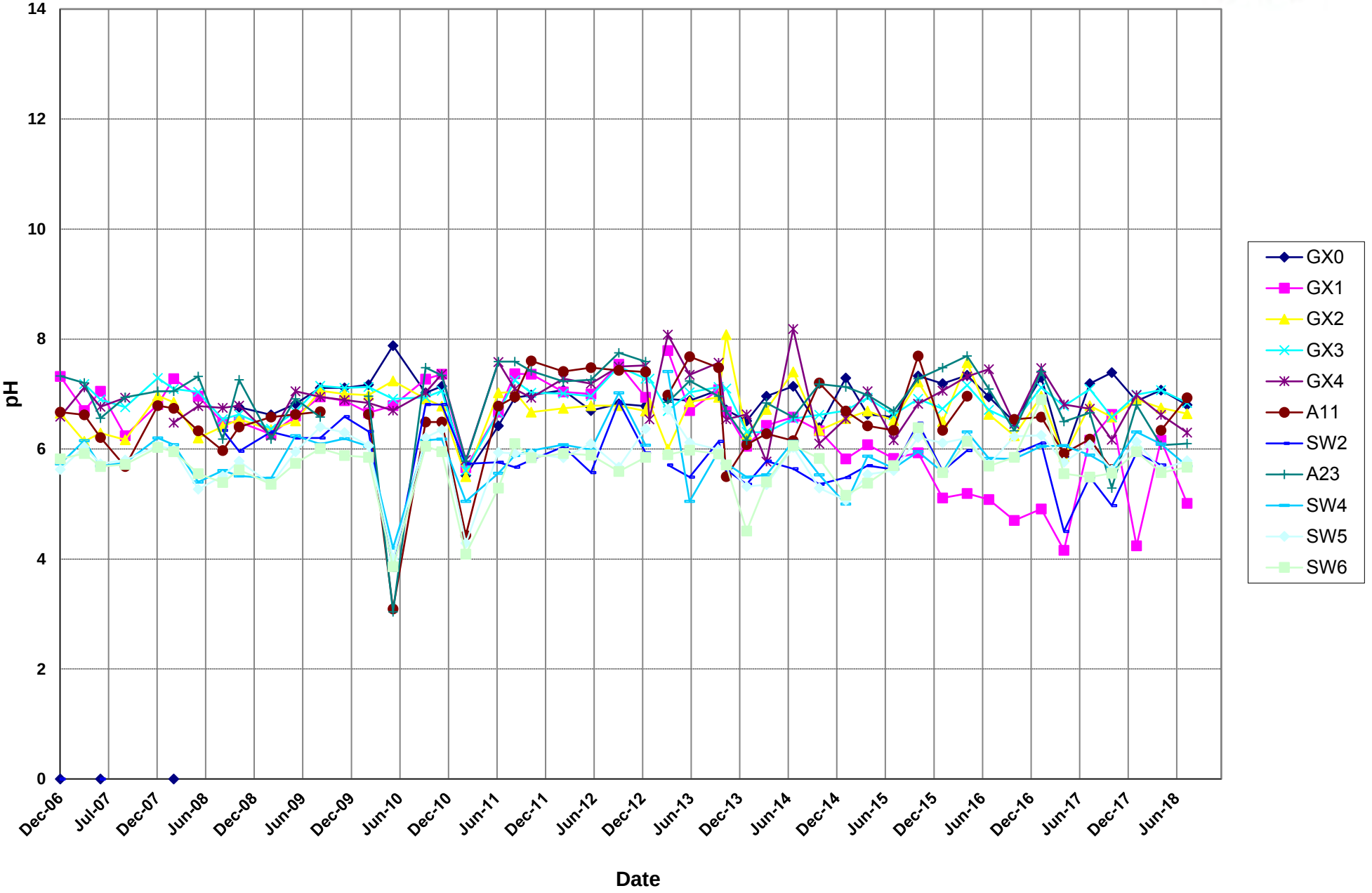


Figure 11
Groundwater Temperature By Well 2007 - 2018
AES Shore Realty Site, Glenwood Landing, New York

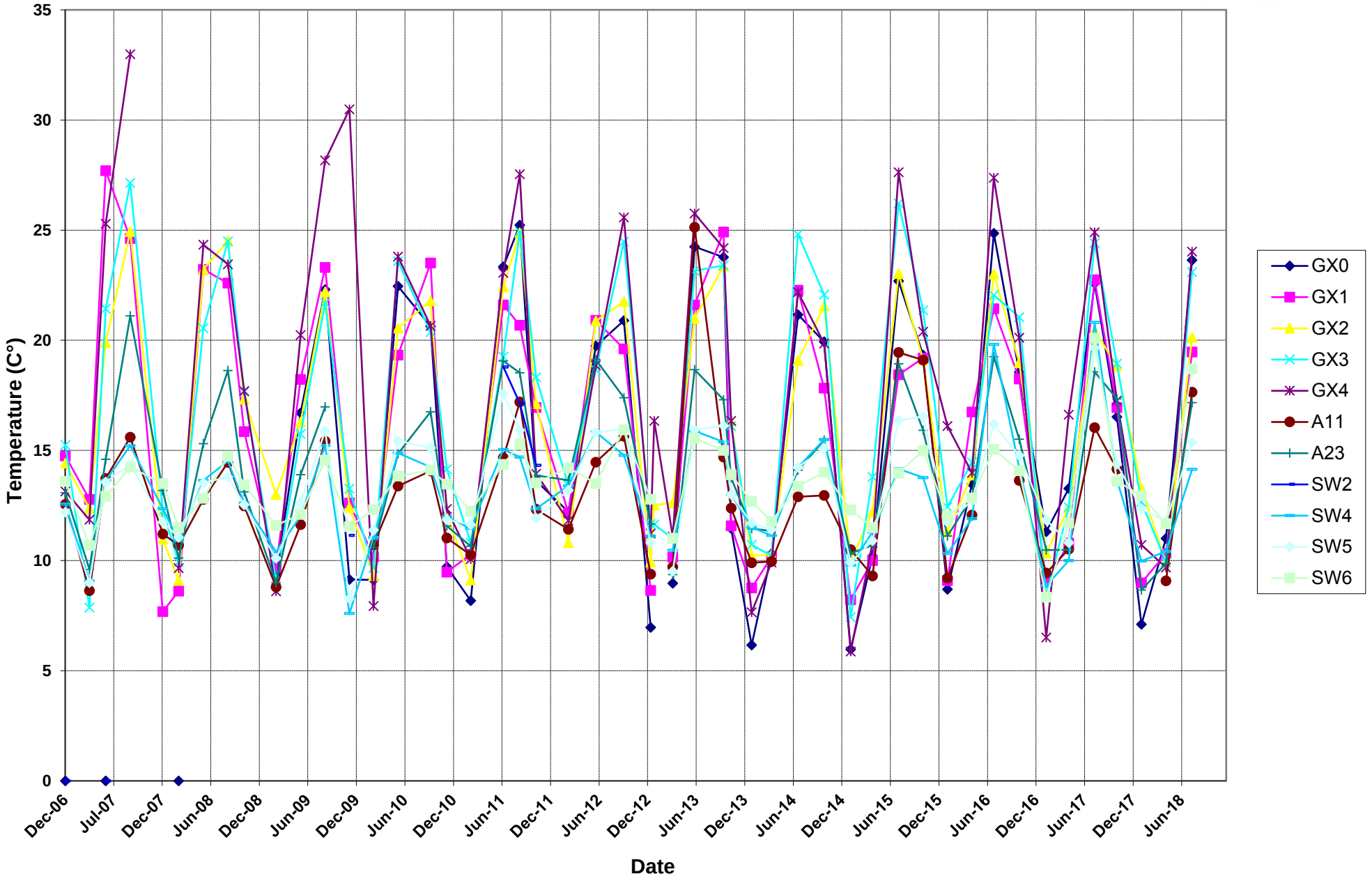


Figure 12
Groundwater Dissolved Oxygen By Well 2007 - 2018
AES Shore Realty Site, Glenwood Landing, New York

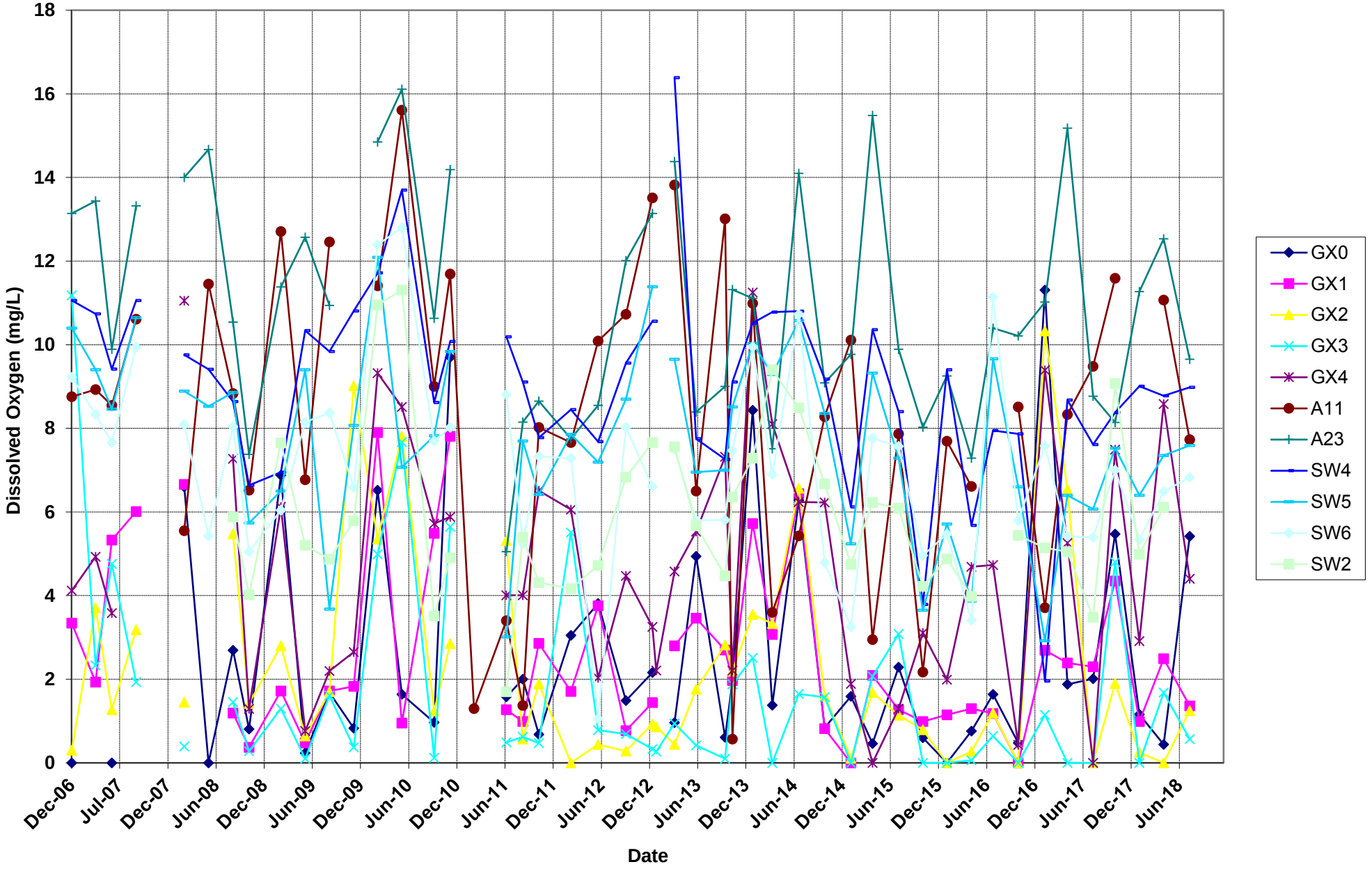


Figure 13
Groundwater Specific Conductivity By Well 2007 - 2018
AES Shore Realty Site, Glenwood Landing, New York

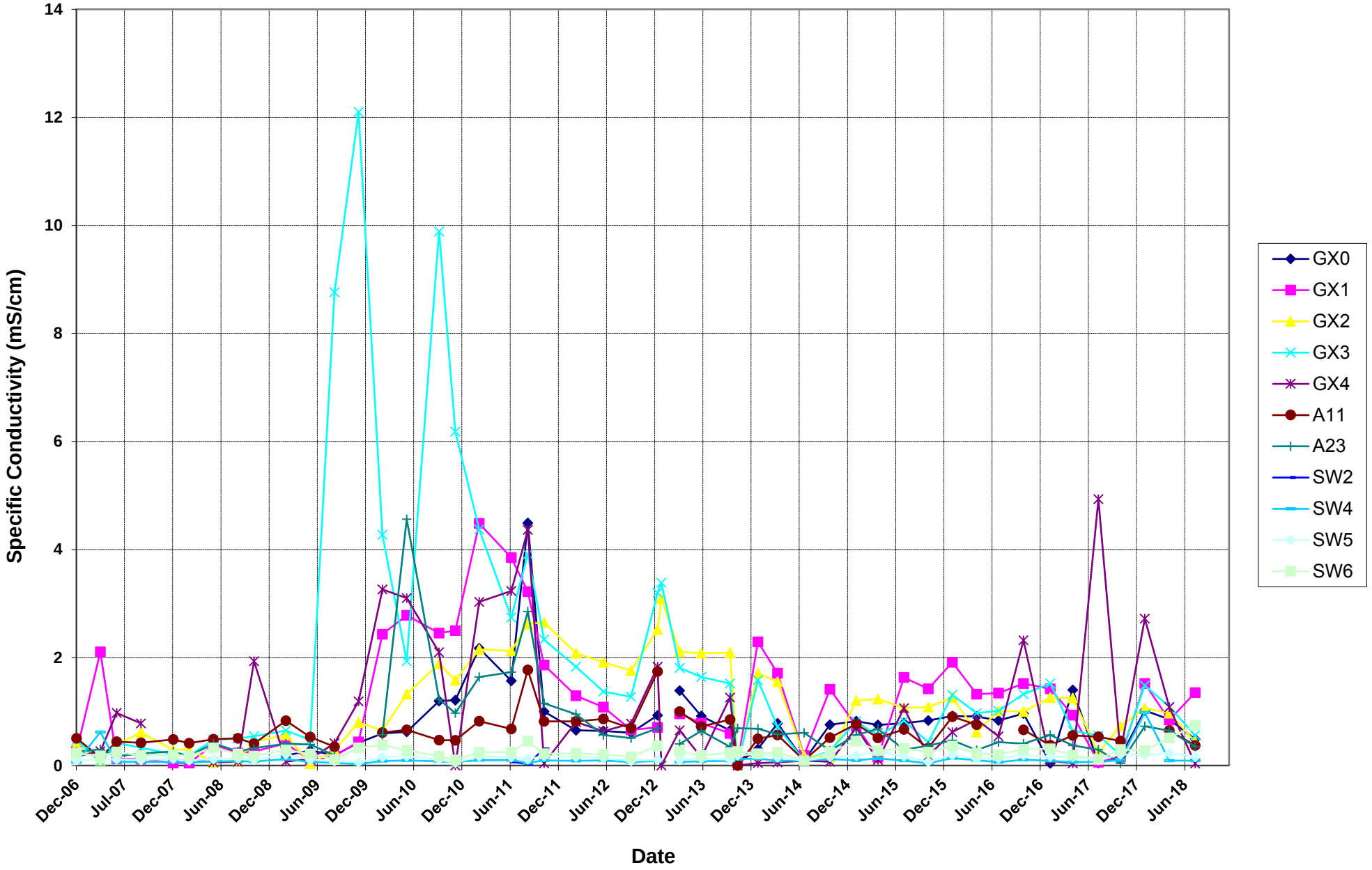


Figure 14
Groundwater Oxidation-Reduction Potential By Well 2007 - 2018
AES Shore Realty Site, Glenwood Landing, New York

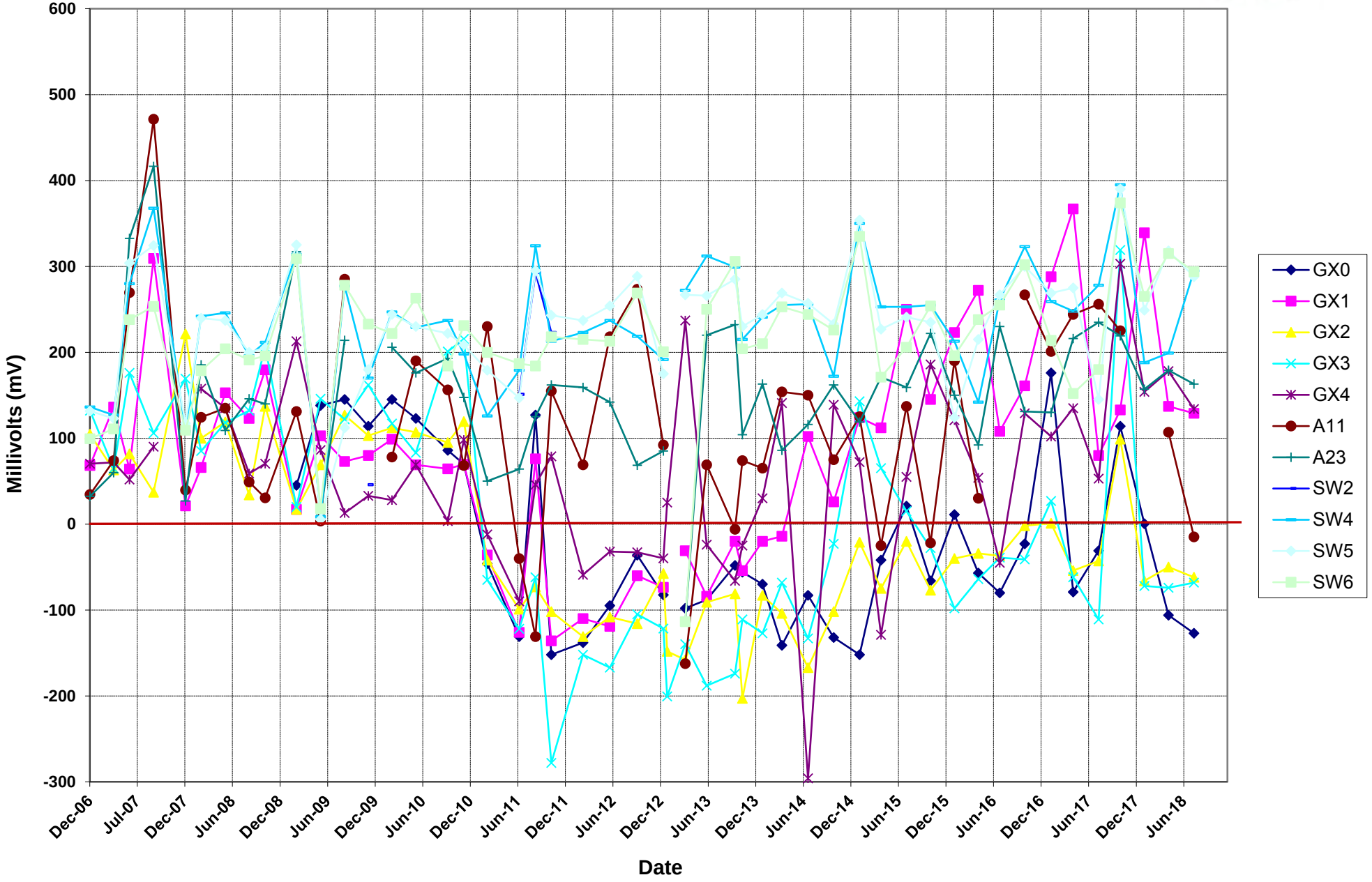
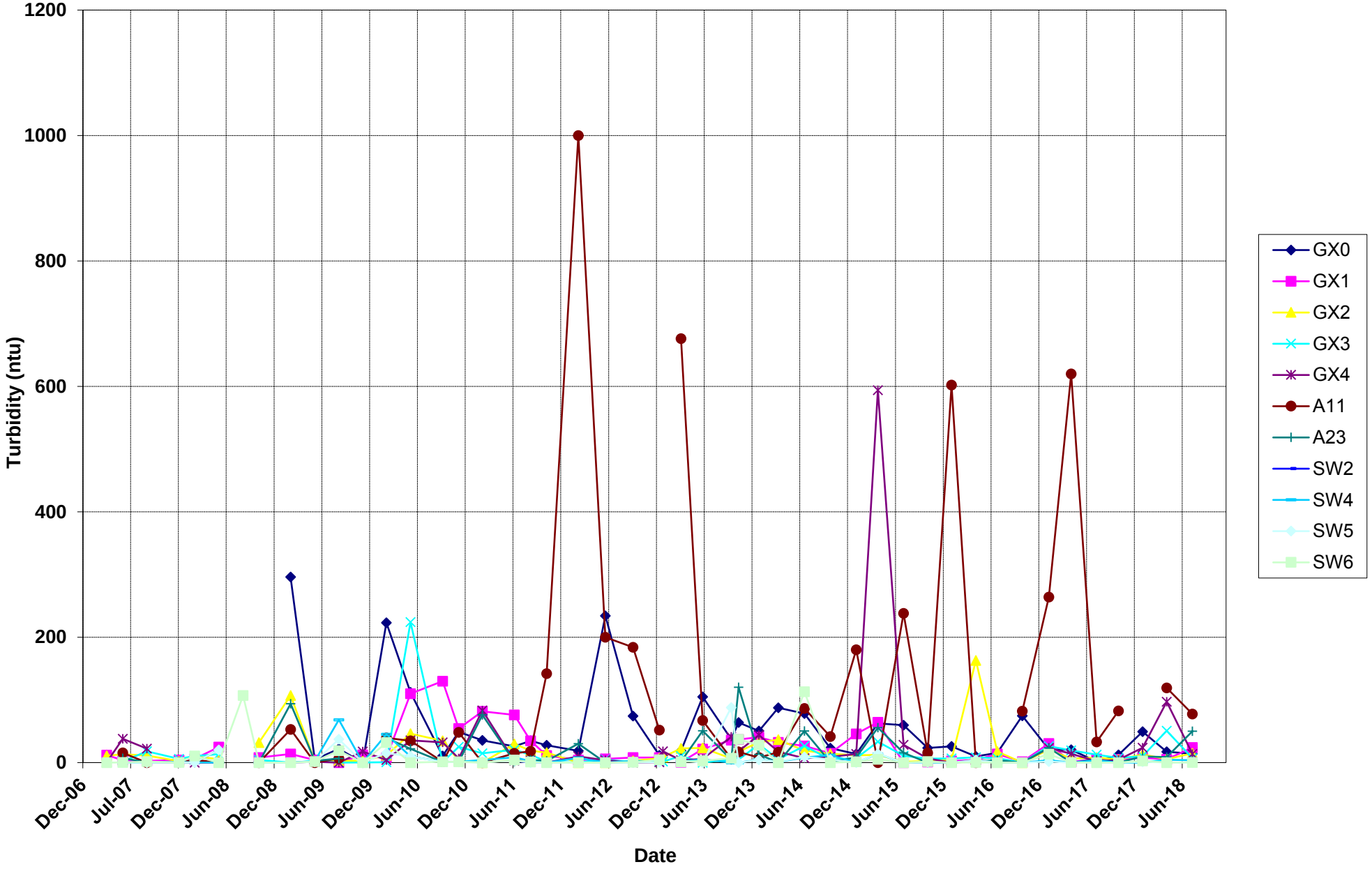


Figure 15
Groundwater Turbidity By Well 2007 - 2018
AES Shore Realty Site, Glenwood Landing, New York



ATTACHMENT B

TABLES

TABLE 1
Summary of Site Remedial Operations Expenditures
AES Shore Realty Site, Glenwood Landing, New York

CALENDAR YEAR 2018 COST SUMMARY						
Task Code	**Task Description**	**1st Quarter 2017 (January-March)**	**2nd Quarter 2017 (April-June)**	**3rd Quarter 2017 (July-September)**	**4th Quarter 2017 (October-December)**	**Year To Date Actual Costs**
A	Operations & Maintenance	$33,824.19	$26,977.18			$60,801.37
A.1	O&M Subcontractors	$8,282.98	$11,624.75			$19,907.73
B	Site Monitoring & Sampling	$11,598.43	$11,809.03			$23,407.45
B.1	Monitoring Subcontractors	$4,452.00	$4,819.50			$9,271.50
C	Consumables	$2,846.25	$1,661.90			$4,508.15
D	Sludge Disposal	$0.00	$0.00			$0.00
E	Management & Project Oversight	$6,585.06	$6,459.03			$13,044.09
F	Plant Utilities	$5,443.78	$10,084.93			$15,528.71
G	Non-O&M Tasks	$42,722.29	$1,842.43			$44,564.72
H	Change Order Tasks	$0.00	$0.00	$0.00	$0.00	$0.00
Totals		***$115,754.98***	***$75,278.74***	***$0.00***	***$0.00***	***$191,033.72***

Note:

(1) Plant Utilities include the amounts for Electric, Natural Gas, Glenwood Water District, Verizon and Qwest Long Distance.

(2) Non-O&M Tasks include the amounts for Tyco Security; Deutsche Bank Trust Co.; The West Firm, Campbell, George & Strong; LeBoeuf, Lamb, Greene & MacRae; Pave Master Asphalt & Sealing; American Chain Link; Pillsbury, Winthrop, Shaw & Pittman, LLP; and town tax.

TABLE 2
Remediation System Effectiveness Summary
AES Shore Realty Site, Glenwood Landing, New York

Period Of Operation	SOIL VAPOR EXTRACTION SYSTEM				AIR SPARGE SYSTEM *			GROUNDWATER TREATMENT SYSTEM						SVE VOCs			GW VOCs **			
	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Average Air Flow Rate (scfm)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Total Water Processed (Gal./Mo.)	Recovery Well Flow (Gal./Min.)	Cumulative Gal. Water	Average LEL Reading (Percent)	SVE VOC Concentration (mg/m^3)	SVE VOC Removal (Lbs./Mo.)	GW VOC Concentration (ppb or ug/l)	GW VOC Removal (Lbs./Mo.)	Total VOC Removal (Lbs./Mo.)	Cumulative Lbs. VOC Removed
Jul-09	762	457	60%	740	549	329	60%	762	457	60%	135,618	3.0	12,408,651	0.0	18.0	22.8	328.5	0.37	23.1	89,260
Aug-09	744	634	85%	743	536	456	85%	744	519	70%	121,322	3.9	12,529,973	0.0	2.6	4.6	115.8	0.12	4.7	89,265
Sep-09	720	684	95%	751	518	492	95%	720	520	72%	77,355	1.8	12,607,328	0.0	1.4	2.7	69.7	0.04	2.7	89,267
Oct-09	744	190	26%	725	536	137	26%	744	607	82%	147,851	4.1	12,755,179	0.0	0.0	0.0	17.1	0.02	0.02	89,267
Nov-09	720	372	52%	735	518	268	52%	720	602	84%	133,655	3.7	12,888,834	0.0	0.6	0.6	30.4	0.03	0.65	89,268
Dec-09	744	87	12%	712	536	63	12%	744	727	98%	149,215	3.4	13,038,049	0.0	0.4	0.1	411.4	0.51	0.60	89,269
Jan-10	744	85	11%	719	536	61	11%	744	671	90%	105,579	2.6	13,143,628	0.0	NA	0.0	55.2	0.05	0.05	89,269
Feb-10	672	565	84%	726	484	407	84%	672	565	84%	78,455	2.3	13,222,083	0.0	0.0	0.0	494.8	0.32	0.32	89,269
Mar-10	744	335	45%	724	536	241	45%	744	560	75%	158,029	4.7	13,380,112	0.0	0.9	0.9	493.7	0.65	1.5	89,270
Apr-10	720	332	46%	712	518	239	46%	720	720	100%	168,704	3.9	13,548,816	0.0	0.2	0.2	238.0	0.33	0.54	89,271
May-10	744	718	97%	730	536	517	97%	744	734	99%	119,204	2.7	13,668,020	0.0	0.4	0.7	269.8	0.27	1.0	89,272
Jun-10	720	701	97%	730	518	505	97%	720	714	99%	92,236	2.2	13,760,256	0.0	0.0	0.0	253.5	0.20	0.20	89,272
Jul-10	744	646	87%	744	536	465	87%	744	646	87%	43,751	1.1	13,804,007	0.0	0.0	0.0	52.6	0.02	0.02	89,272
Aug-10	744	644	87%	708	536	464	87%	744	662	89%	79,755	2.0	13,883,762	0.0	0.0	0.0	160.7	0.11	0.11	89,272
Sep-10	720	518	72%	722	518	373	72%	720	698	97%	101,506	2.4	13,985,268	0.0	0.0	0.0	77.9	0.07	0.07	89,272
Oct-10	744	290	39%	738	536	209	39%	744	744	100%	105,502	2.4	14,090,770	0.0	0.0	0.0	82.6	0.07	0.07	89,272
Nov-10	720	578	80%	720	518	416	80%	720	720	100%	102,542	2.4	14,193,312	0.0	0.0	0.0	224.3	0.19	0.19	89,273
Dec-10	744	450	60%	725	536	324	60%	744	571	77%	64,242	1.9	14,257,554	0.0	15.0	18.3	79.4	0.04	18.3	89,291
Jan-11	744	418	56%	722	536	301	56%	744	744	100%	71,797	1.6	14,329,351	0.0	0.0	0.0	225.4	0.13	0.13	89,291
Feb-11	672	517	77%	729	484	372	77%	672	672	100%	41,739	1.0	14,371,090	0.0	0.0	0.0	0.0	0.00	0.00	89,291
Mar-11	744	553	74%	720	536	398	74%	744	565	76%	76,426	2.3	14,447,516	0.0	1.2	1.8	20.7	0.01	1.9	89,293
Apr-11	720	542	75%	714	518	390	75%	720	599	83%	95,658	2.7	14,543,174	0.0	0.0	0.0	104.1	0.08	0.08	89,293
May-11	744	625	84%	720	536	450	84%	744	632	85%	59,602	1.6	14,602,776	0.0	18.0	30.3	87.1	0.04	30.3	89,323
Jun-11	720	593	82%	722	518	427	82%	720	593	82%	68,326	1.9	14,671,102	0.0	0.9	1.5	4.5	0.00	1.5	89,325
Jul-11	744	628	84%	718	536	452	84%	744	628	84%	58,183	1.5	14,729,285	0.0	0.0	0.0	0.0	0.00	0.00	89,325
Aug-11	744	561	75%	724	536	404	75%	744	648	87%	83,959	2.2	14,813,244	0.0	0.0	0.0	0.9	0.00	0.00	89,325
Sep-11	720	562	78%	721	518	405	78%	720	680	94%	94,466	2.3	14,907,710	0.0	0.0	0.0	1.7	0.00	0.00	89,325
Oct-11	744	669	90%	717	536	482	90%	744	692	93%	78,376	1.9	14,986,086	0.0	1.5	2.7	1.7	0.00	2.7	89,327
Nov-11	720	659	92%	715	518	474	92%	720	659	92%	49,054	1.2	15,035,140	0.0	0.0	0.0	22.2	0.01	0.01	89,327
Dec-11	744	155	21%	716	536	80	15%	744	155	21%	16,276	1.8	15,051,416	0.0	0.0	0.0	2.8	0.00	0.00	89,327
Jan-12	744	577	78%	714	536	415	78%	744	634	85%	66,276	1.7	15,117,692	0.0	0.0	0.0	17.8	0.010	0.01	89,327
Feb-12	696	696	100%	714	501	501	100%	696	696	100%	59,517	1.4	15,177,209	0.0	20.0	37.1	42.7	0.02	37.2	89,365
Mar-12	744	705	95%	718	536	508	95%	744	705	95%	60,886	1.4	15,238,095	0.0	0.0	0.0	31.2	0.02	0.02	89,365
Apr-12	720	718	100%	714	518	517	100%	720	718	100%	61,633	1.4	15,299,728	0.0	0.0	0.0	0.0	0.00	0.00	89,365
May-12	744	683	92%	720	536	492	92%	744	683	92%	60,546	1.5	15,360,274	0.0	2.2	4.0	0.0	0.00	4.0	89,369
Jun-12	720	720	100%	718	518	518	100%	720	720	100%	81,331	1.9	15,441,605	0.0	0.0	0.0	16.4	0.01	0.01	89,369
Jul-12	744	645	87%	721	536	464	87%	744	663	89%	60,031	1.5	15,501,636	0.0	0.0	0.0	13.8	0.01	0.01	89,369
Aug-12	744	539	72%	714	536	388	72%	744	744	100%	57,243	1.3	15,558,879	0.0	0.0	0.0	0.3	0.00	0.00	89,369
Sep-12	720	690	96%	710	518	497	96%	720	718	100%	45,607	1.1	15,604,486	0.0	0.0	0.0	10.8	0.00	0.00	89,369
Oct-12	744	674	91%	706	536	485	91%	744	674	91%	49,698	1.2	15,654,184	0.0	0.0	0.0	1.7	0.00	0.00	89,369
Nov-12	720	330	46%	714	518	238	46%	720	642	89%	41,833	1.1	15,696,017	0.0	0.0	0.0	23.5	0.01	0.01	89,369
Dec-12	744	534	72%	716	536	384	72%	744	742	99.7%	67,669	1.5	15,763,686	0.0	17.0	24.3	46.4	0.026	24.3	89,393

TABLE 2
Remediation System Effectiveness Summary
AES Shore Realty Site, Glenwood Landing, New York

Period Of Operation	SOIL VAPOR EXTRACTION SYSTEM				AIR SPARGE SYSTEM *			GROUNDWATER TREATMENT SYSTEM						SVE VOCs			GW VOCs **			
	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Average Air Flow Rate (scfm)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Total Water Processed (Gal./Mo.)	Recovery Well Flow (Gal./Min.)	Cumulative Gal. Water	Average LEL Reading (Percent)	SVE VOC Concentration (mg/m^3)	SVE VOC Removal (Lbs./Mo.)	GW VOC Concentration (ppb or ug/l)	GW VOC Removal (Lbs./Mo.)	Total VOC Removal (Lbs./Mo.)	Cumulative Lbs. VOC Removed
Jan-13	744	700	94%	716	536	504	94%	744	742	99.7%	48,925	1.1	15,812,611	0.0	0.0	0.0	4.9	0.002	0.00	89,393
Feb-13	672	488	73%	713	484	351	73%	672	488	73%	40,688	1.4	15,853,299	0.0	0.0	0.0	7.6	0.00	0.00	89,393
Mar-13	744	736	99%	721	536	530	99%	744	744	100%	84,135	1.9	15,937,434	0.0	0.0	0.0	19.0	0.01	0.01	89,393
Apr-13	720	720	100%	711	518	518	100%	720	720	100%	98,411	2.3	16,035,845	0.0	4.8	9.2	8.1	0.01	9.2	89,402
May-13	744	744	100%	714	536	536	100%	744	744	100%	48,998	1.1	16,084,843	0.0	6.1	12.1	0.0	0.00	12.1	89,414
Jun-13	720	471	65%	717	518	339	65%	720	623	87%	52,473	1.4	16,137,316	0.0	5.2	6.6	1.2	0.00	6.6	89,421
Jul-13	744	602	81%	719	536	433	81%	744	602	81%	29,282	0.8	16,166,598	0.0	4.1	6.6	7.1	0.00	6.6	89,428
Aug-13	744	736	99%	721	536	530	99%	744	736	99%	25,279	0.6	16,191,877	0.0	7.4	14.7	1.8	0.00	14.7	89,442
Sep-13	720	643	89%								26,071	0.7	16,217,948	0.0	0.5	0.0	0.0	0.00	0.00	89,442
Oct-13	744	321	43%	714	536	231	43%	744	321	43%	12,095	0.6	16,230,043	0.0	0.0	0.0	0.0	0.00	0.00	89,442
Nov-13	336	263	78%	720	242	189	78%	336	216	64%	65,182	5.0	16,295,225	0.0	6.5	4.6	474.9	0.26	4.9	89,447
Dec-13	744	603	81%	717	536	434	81%	744	603	81%	165,754	4.6	16,460,979	0.0	0.0	0.0	51.5	0.071	0.07	89,447
Jan-14	443	440	99%	710	319	317	99%	443	440	99%	115,805	4.4	16,576,784	0.0	5.6	6.5	103.0	0.099	6.6	89,454
Feb-14	227	147	65%	712	163	106	65%	227	147	65%	32,378	3.7	16,609,162	0.0	0.0	0.0	297.0	0.08	0.08	89,454
Mar-14	744	560	75%	709	536	403	75%	744	560	75%	141,212	4.3	16,750,374	0.0	2.5	3.7	966.3	1.14	4.8	89,459
Apr-14	421	373	89%	715	303	269	89%	421	373	89%	116,176	5.2	16,866,550	0.0	2.5	2.5	1331.4	1.29	3.8	89,463
May-14	303	277	91%	715	218	199	91%	303	243	80%	48,945	3.4	16,915,495	0.0	4.0	3.0	1108.0	0.45	3.4	89,466
Jun-14	720	646	90%	718	518	465	90%	720	580	81%	136,478	3.9	17,051,973	0.0	28.3	49.1	265.0	0.30	49.4	89,515
Jul-14	423	421	100%	709	305	303	100%	423	216	51%	47,432	3.7	17,099,405	0.0	0.0	0.0	3.2	0.00	0.00	89,515
Aug-14	156	156	100%	711	112	112	100%	156	138	88%	21,403	2.6	17,120,808	0.0	0.0	0.0	492.5	0.09	0.09	89,515
Sep-14	720	720	100%	718	518	518	100%	720	627	87%	85,107	2.3	17,205,915	0.0	7.8	15.1	195.0	0.14	15.2	89,531
Oct-14	550	407	74%	709	396	293	74%	550	407	74%	77,123	3.2	17,283,038	0.0	0.0	0.0	195.0	0.13	0.1	89,531
Nov-14	227	172	76%	717	163	124	76%	227	172	76%	51,165	5.0	17,334,203	0.0	13.0	6.0	73.9	0.03	6.0	89,537
Dec-14	744	362	49%	709	536	261	49%	744	350	47%	90,506	4.3	17,424,709	0.0	9.6	9.2	28.5	0.022	9.3	89,546
Jan-15	541	523	97%	715	390	376	97%	541	479	89%	124,570	4.3	17,549,279	0.0	7.4	10.3	62.5	0.065	10.4	89,556
Feb-15	130	130	100%	703	94	94	100%	130	116	89%	32,186	4.6	17,581,465	0.0	10.0	3.4	510.2	0.14	3.6	89,560
Mar-15	744	739	99%	605	536	532	99%	744	649	87%	184,026	5.0	17,765,491	0.0	30.0	50.1	1081.0	1.66	51.8	89,612
Apr-15	559	544	97%	705	402	392	97%	559	525	94%	132,905	4.2	17,898,396	0.0	11.0	15.8	376.9	0.42	16.2	89,628
May-15	208	208	100%	709	150	150	100%	208	208	100%	50,247	4.0	17,948,643	0.0	63.3	34.9	472.8	0.20	35.1	89,663
Jun-15	720	716	99%	715	518	516	99%	720	669	93%	127,246	3.2	18,075,889	0.0	57.1	109.3	21.1	0.02	109.3	89,772
Jul-15	539	539	100%	707	388	388	100%	539	539	100%	125,078	3.9	18,200,967	0.0	7.4	10.5	11.1	0.01	10.6	89,783
Aug-15	232	232	100%	710	167	167	100%	232	232	100%	62,887	4.5	18,263,854	0.0	7.4	4.6	131.8	0.07	4.6	89,788
Sep-15	720	666	93%	707	518	480	93%	720	618	86%	130,966	3.5	18,394,820	0.0	7.4	13.0	147.0	0.16	13.2	89,801
Oct-15	536	380	71%	711	386	273	71%	536	405	76%	97,273	4.0	18,492,093	0.0	6.5	6.6	210.9	0.17	6.7	89,807
Nov-15	184	184	100%	701	132	132	100%	184	184	100%	55,856	5.1	18,547,949	0.0	32.2	15.5	925.4	0.43	16.0	89,823
Dec-15	744	744	100%	707	536	536	100%	744	744	100%	210,311	4.7	18,758,260	0.0	4.8	9.4	0.0	0.00	9.4	89,833
Jan-16	518	518	100%	697	373	373	100%	518	518	100%	131,538	4.2	18,889,798	0.0	54.2	73.1	31.1	0.034	73.2	89,906
Feb-16	160	158	99%	709	115	114	99%	160	156	98%	41,040	4.4	18,930,838	0.0	9.1	3.8	91.7	0.03	3.8	89,910
Mar-16	744	713	96%	703	536	513	96%	744	713	96%	186,376	4.4	19,117,214	0.0	12.0	22.5	96.7	0.15	22.6	89,933
Apr-16	518	376	73%	709	373	271	73%	518	376	73%	87,672	3.9	19,204,886	0.0	16.3	16.2	5.3	0.004	16.2	89,949
May-16	256	256	100%	693	184	184	100%	256	256	100%	63,702	4.1	19,268,588	0.0	3.6	2.4	123.6	0.07	2.5	89,951
Jun-16	720	638	89%	701	518	459	89%	720	638	89%	155,385	4.1	19,423,973	0.0	4.2	7.0	23.6	0.03	7.1	89,958
Jul-16	512	384	75%	691	369	276	75%	512	397	78%	96,414	4.0	19,520,387	0.0	37.0	36.7	35.8	0.03	36.7	89,995
Aug-16	233	190	82%	703	168	137	82%	233	190	82%	54,612	4.8	19,574,999	0.0	0.0	0.0	54.3	0.02	0.02	89,995
Sep-16	720	123	17%	699	518	89	17%	720	600	83%	133,737	3.7	19,708,736	0.0	8.3	2.7	66.8	0.07	2.7	89,998

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	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Average Air Flow Rate (scfm)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Total Water Processed (Gal./Mo.)	Recovery Well Flow (Gal./Min.)	Cumulative Gal. Water	Average LEL Reading (Percent)	SVE VOC Concentration (mg/m^3)	SVE VOC Removal (Lbs./Mo.)	GW VOC Concentration (ppb or ug/l)	GW VOC Removal (Lbs./Mo.)	Total VOC Removal (Lbs./Mo.)	Cumulative Lbs. VOC Removed
Oct-16	664	538	81%	695	478	387	81%	664	645	97%	161,320	4.2	19,870,056	0.0	0.0	0.0	26.9	0.04	0.04	89,998
Nov-16	64	0	0%	0	46	0	0%	64	64	100%	20,462	5.3	19,890,518	0.0	0.0	0.0	217.0	0.04	0.04	89,998
Dec-16	744	105	14%	700	536	76	14%	744	527	71%	136,074	4.3	20,026,592	0.0	12.0	3.3	4.9	0.01	3.3	90,001
Jan-17	638	517	81%	685	459	372	81%	638	554	87%	141,102	4.2	20,167,694	0.0	11.0	14.6	143.3	0.17	14.7	90,016
Feb-17	41	41	100%	603	30	30	100%	41	41	100%	16,576	6.8	20,184,270	0.0	10.0	0.9	410.8	0.06	0.98	90,017
Mar-17	744	676	91%	598	536	487	91%	744	723	97%	195,236	4.5	20,379,506	0.0	6.5	9.8	374.9	0.61	10.4	90,027
Apr-17	614	608	99%	619	442	438	99%	614	521	85%	162,439	5.2	20,541,945	0.0	5.2	7.3	216.9	0.29	7.6	90,035
May-17	40	40	100%	609	29	29	100%	40	40	100%	17,652	7.3	20,559,597	0.0	9.1	0.8	572.1	0.08	0.91	90,036
Jun-17	720	639	89%	602	518	460	89%	720	597	83%	177,871	5.0	20,737,468	0.0	9.1	13.1	264.0	0.39	13.5	90,049
Jul-17	656	254	39%	600	472	183	39%	656	539	82%	129,790	4.0	20,867,258	0.0	9.1	5.2	194.7	0.21	5.4	90,055
Aug-17	0	0	0%	0	0	0	0%	89	89	100%	27,430	5.2	20,894,688	0.0	0.0	0.0	335.1	0.08	0.08	90,055
Sep-17	0	0	0%	0	0	0	0%	720	620	86%	161,734	4.3	21,056,422	0.0	0.0	0.0	72.4	0.10	0.10	90,055
Oct-17	733	358	49%	593	528	258	49%	733	539	74%	130,138	4.0	21,186,560	0.0	21.1	16.7	35.9	0.04	16.8	90,072
Nov-17	65	44	68%	589	47	32	68%	65	65	100%	5,320	1.4	21,191,880	0.0	10.0	1.0	240.0	0.01	0.98	90,073
Dec-17	744	231	31%	586	536	166	31%	744	730	98%	142,994	3.3	21,334,874	0.0	14.0	7.1	112.7	0.13	7.2	90,080
Jan-18	648	203	31%	600	467	146	31%	648	635	98%	146,725	3.8	21,481,599	0.0	26.0	11.8	133.4	0.163	12.0	90,092
Feb-18	17	17	100%	587	12	12	100%	17	17	100%	9,745	9.7	21,491,344	0.0	21.0	0.8	261.1	0.02	0.80	90,093
Mar-18	744	276	37%	600	536	199	37%	744	516	69%	145,577	4.7	21,636,921	0.0	11.0	6.8	337.3	0.41	7.2	90,100
Apr-18	631	479	76%	605	454	345	76%	631	612	97%	165,292	4.5	21,802,213	0.0	11.0	11.9	677.0	0.93	12.8	90,113
May-18	65	65	100%	573	47	47	100%	65	65	100%	20,778	5.4	21,822,991	0.0	12.0	1.7	559.6	0.10	1.8	90,114
Jun-18	720	388	54%	558	518	279	54%	720	610	85%	155,471	4.2	21,978,462	0.0	53.0	42.9	43.0	0.06	42.9	90,157
Jul-18	640	579	90%	571	461	417	90%	640	571	89%	124,469	3.6	22,102,931	0.0	74.9	92.6	46.4	0.05	92.6	90,250
			69%							90%										

Note:
scfm - Standard Cubic Feet Per Minute
Lbs./Mo. - Pounds Per Month
Gal./Mo. - Gallons Per Month
ppm - Parts Per Million
*: Air Sparge system operation period time value reflects a system pulse factor of 72 percent since June 2005. Data adjusted to reflect the actual pulse on time of 72%. Prior to June 2005,pulse factor was 22%.
**: Mass removal is broken into component vapor and groundwater yields since the elimination of air stripping of groundwater in July 2009. Groundwater is treated via activated carbon.
Refer to Monthly Operations Reports and Alarm Summaries presented in Attachment B for detailed descriptions of alarm conditions and resultant system on-line factors.

TABLE 2A
Remediation System Sampling and Mass Removal Summary
Recovered Groundwater and Soil Vapor
Pulsed-Operation Mode: November 2013 - July 2018
AES Shore Realty Site, Glenwood Landing, New York

Pulse Cycle	Month	System Run Start/End Dates	Sample Date	Influent Groundwater Total VOCs (ug/l)	Groundwater VOC Removal (lbs./mo.)	Groundwater % of Total VOC Removal For Month	Influent Vapor Total VOCs (mg/m^3)	SVE VOC Removal (lbs./mo.)	SVE % of Total VOC Removal For Month	Total VOC Removal (lbs./mo.)
1	November	11/16/13	11/23/13	474.9	0.26	5%	6.5	4.6	95%	4.9
	December		12/15/13	51.5	0.07	100%	0.0	0.0	0%	0.1
	January	01/19/14	01/19/14	103.0	0.10	1%	5.6	6.5	99%	6.6
	Shutdown									
2	February	02/19/14	02/20/14	297.0	0.08	100%	0.0	0.0	0%	0.1
	March		03/17/14	966.3	1.14	23%	2.5	3.7	77%	4.8
	April	04/18/14	04/10/14	1331.4	1.29	34%	2.5	2.5	66%	3.8
	Shutdown									
3	May	05/19/14	05/28/14	1108.0	0.45	13%	4.0	3.0	87%	3.4
	June		06/25/14	265.0	0.30	1%	28.3	49.1	99%	49.4
	July	07/18/14	07/16/14	3.2	0.00	100%	0.0	0.0	0%	0.0
	Shutdown									
4	August	08/25/14	09/02/14	492.5	0.09	100%	0.0	0.0	0%	0.1
	September		10/01/14	195.0	0.14	1%	7.8	15.1	99%	15.2
	October	10/24/14	10/17/14	195.0	0.13	100%	0.0	0.0	0%	0.1
	Shutdown									
5	November	11/21/14	11/25/14	73.9	0.03	1%	13.0	6.0	99%	6.0
	December		12/22/14	28.5	0.02	0%	9.6	9.2	100%	9.3
	January	01/23/15	01/13/15	62.5	0.06	1%	7.4	10.3	99%	10.4
	Shutdown									
6	February	02/23/15	03/02/15	510.2	0.14	4%	10.0	3.4	96%	3.6
	March		03/31/15	1081.0	1.66	3%	30.0	50.1	97%	51.8
	April	04/24/15	04/23/15	376.9	0.42	3%	11.0	15.8	97%	16.2
	Shutdown									
7	May	05/23/15	05/26/14	472.8	0.20	1%	63.3	34.9	99%	35.1
	June		06/29/15	21.1	0.02	0%	57.1	109.3	100%	109.3
	July	07/23/15	07/23/15	11.1	0.01	0%	7.4	10.5	100%	10.6
	Shutdown									
8	August	08/22/15	08/27/15	131.8	0.07	1%	7.4	4.6	99%	4.6
	September		09/29/15	147.0	0.16	1%	7.4	13.0	99%	13.2
	October	10/23/15	10/22/15	210.9	0.17	3%	6.5	6.6	97%	6.7
	Shutdown									
9	November	11/23/15	11/24/15	925.4	0.43	3%	32.2	15.5	97%	16.0
	December		12/22/15	0.0	0.00	0%	4.8	9.4	100%	9.4
	January	01/22/16	01/21/16	31.1	0.03	0%	54.2	73.1	100%	73.2
	Shutdown									
10	February	02/23/16	03/01/16	91.7	0.03	1%	9.1	3.8	99.2%	3.84
	March		03/31/16	96.7	0.15	1%	12.0	22.5	99%	22.63
	April	04/22/16	04/21/16	5.3	0.00	0%	16.3	16.2	100%	16.25
	Shutdown									
11	May	05/21/16	05/25/16	123.6	0.07	3%	3.6	2.4	97.3%	2.45
	June		06/27/16	23.6	0.03	0%	4.2	7.0	100%	7.05
	July	07/22/16	07/20/16	35.8	0.03	0%	37.0	36.7	100%	36.73
	Shutdown									

TABLE 2A
Remediation System Sampling and Mass Removal Summary
Recovered Groundwater and Soil Vapor
Pulsed-Operation Mode: November 2013 - July 2018
AES Shore Realty Site, Glenwood Landing, New York

Pulse Cycle	Month	System Run Start/End Dates	Sample Date	Influent Groundwater Total VOCs (ug/l)	Groundwater VOC Removal (lbs./mo.)	Groundwater % of Total VOC Removal For Month	Influent Vapor Total VOCs (mg/m^3)	SVE VOC Removal (lbs./mo.)	SVE % of Total VOC Removal For Month	Total VOC Removal (lbs./mo.)
12	August	08/22/16	08/24/16	54.3	0.02	100%	0.0	0.0	0.0%	0.02
	September		9/22 and 29/16	66.8	0.07	3%	8.3	2.7	97.3%	2.74
	October	10/28/16	10/25/16	26.9	0.04	100%	0.0	0.0	0.0%	0.04
	Shutdown									
13	November	11/28/16	11/30/16	217.0	0.04	100%	0.0	0.0	0.0%	0.04
	December		12/29/16	4.9	0.01	0.2%	12.0	3.3	99.8%	3.30
	January	01/27/17	01/25/17	143.3	0.17	1%	11.0	14.6	98.9%	14.73
	Shutdown									
14	February	02/27/17	03/02/17	410.8	0.06	6%	10.0	0.9	94.2%	0.98
	March		03/27/17	374.9	0.61	5.9%	6.5	9.8	94.1%	10.43
	April	04/26/17	04/20/17	216.9	0.29	4%	5.2	7.3	96.1%	7.61
	Shutdown									
15	May	05/30/17	06/01/17	572.1	0.08	9%	9.1	0.8	90.8%	0.91
	June		06/28/17	264.0	0.39	3%	9.1	13.1	97.1%	13.48
	July	07/28/17	07/27/17	194.7	0.21	4%	9.1	5.2	96.1%	5.39
	Shutdown									
16	August	8/28/2017	08/30/17	335.1	0.08	100%	0.0	0.0	0.0%	0.08
	September		09/28/17	72.4	0.10	100%	0	0	0	0.10
	October	10/31/2017	10/31/17	35.9	0.04	0%	21.1	16.7	99.8%	16.78
	Shutdown									
17	November	11/28/17	11/30/17	240.0	0.01	1%	10.0	1.0	98.9%	0.98
	December		12/28/17	112.7	0.13	1.86%	14.0	7.1	98.14%	7.22
	January	01/28/17	01/26/18	133.4	0.16	1.36%	26.0	11.8	98.64%	12.00
	Shutdown									
18	February	02/28/18	03/06/18	261.1	0.02	3%	21.0	0.78	97.36%	0.80
	March		03/29/18	337.3	0.41	5.67%	11.0	6.8	94.33%	7.22
	April	04/27/18	04/24/18	677.0	0.93	7.26%	11.0	11.9	92.74%	12.85
	Shutdown									
19	May	05/29/18	05/31/18	559.6	0.10	5%	12.0	1.67	94.51%	1.77
	June		06/25/18	43.0	0.06	0.13%	53.0	42.9	99.87%	42.95
	July	07/27/18	07/26/18	46.4	0.05	0.05%	74.9	92.6	99.95%	92.61
	Shutdown									
			Totals	**-**	**11.9**	**1.5%**	**-**	**795.9**	**98.5%**	**807.7**
			Minimum	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
			Maximum	**1331.4**	**1.7**	**1.0**	**74.9**	**109.3**	**1.0**	**109.3**
			Average	**269.2**	**0.2**	**0.2**	**13.9**	**14.0**	**0.8**	**14.2**

TABLE 3
Historical Soil Gas Monitoring Data
AES Shore Realty Site, Glenwood Landing, New York

Sample Location	Sample Parameter	MONITORING PERIOD										
		1995			1996							
	(ppm)	Baseline	Sep	Oct	Jan	Feb	Mar	Apr	May	Jun	Jul	Oct
V-30	PID Readings	1,465	2,000	1,300	-	157	49	525	399	365	570	314
	Benzene	75	-	210	420	-	-	420	-	-	-	55
	Meth. Chlor.	200	-	300	20	-	-	90	-	-	100	80
V-31	PID Readings	310	340	280	-	20.5	5	125	50.1	31	76	56.1
	Benzene	30	-	25	150	-	-	25	-	-	50	30
	Meth. Chlor.	200	-	300	25	-	-	-	-	-	0	40
V-40	PID Readings	280	1,090	600	-	0	6.6	33	107	89	73	36.6
	Benzene	30	-	60	15	-	-	22	-	-	0	20
	Meth. Chlor.	300	-	200	10	-	-	15	-	-	0	20
V-41	PID Readings	660	2,290	840	48	12.5	8.5	125	147	115	190	85
	Benzene	50	-	125	10	-	-	40	-	-	-	50
	Meth. Chlor.	200	-	500	50	-	-	30	-	-	100	50
V-42	PID Readings	620	545	115	26.5	0	0.6	11	4.6	0	21	0.2
	Benzene	45	-	30	9	-	-	10	-	-	0	4
	Meth. Chlor.	200	-	100	0	-	-	0	-	-	0	0
V-50	PID Readings	125	1,820	122.5	435	60.2	27.9	365	386	454	590	331
	Benzene	15	-	210	30	-	-	420	-	-	-	70
	Meth. Chlor.	100	-	400	30	-	-	110	-	-	-	175
V-51	PID Readings	240	77.1	37.5	3	15.4	0	6.4	0	0	1	0.2
	Benzene	10	-	15	5	-	-	3	-	-	0	5
	Meth. Chlor.	50	-	100	10	-	-	0	-	-	0	0
V-52	PID Readings	197	100	120	19	7.5	1.9	37	32.5	23	49	39.9
	Benzene	10	-	42	10	-	-	10	-	-	0	5
	Meth. Chlor.	150	-	30	20	-	-	10	-	-	0	0
V-60	PID Readings	97	0	0	0	0	0.2	6	0	0	0	0
	Benzene	25	-	10	0.5	-	-	6	-	-	0	8
	Meth. Chlor.	50	-	100	0	-	-	10	-	-	0	10
V-61	PID Readings	545	0	32.5	0	0	0.1	5.1	0	0	0	0
	Benzene	40	-	0.5	0.5	-	-	2	-	-	-	0
	Meth. Chlor.	150	-	0	0	-	-	0	-	-	0	0
V-70	PID Readings	205	0	0	0	5	0	6.2	0	51	1	0.5
	Benzene	5	-	0.5	0.5	-	-	3	-	-	0	0
	Meth. Chlor.	50	-	0	0	-	-	0	-	-	0	0
V-71	PID Readings	81	20	3.7	0	19.2	0	5.9	1.7	0	0	0
	Benzene	15	-	0.5	0.5	-	-	0	-	-	0	2
	Meth. Chlor.	50	-	0	0	-	-	0	-	-	0	0
V-72	PID Readings	610	415	520	-	25.7	8.1	59	72.3	51	80	58
	Benzene	30	-	105	30	-	-	0	-	-	30	35
	Meth. Chlor.	50	-	100	0	-	-	0	-	-	0	0
V-73	PID Readings	620	780	1,070	-	50	16.7	125	201.1	155	330	111
	Benzene	35	-	420	50	-	-	45	-	-	20	50
	Meth. Chlor.	100	-	500	30	-	-	70	-	-	100	20
H-10	PID Readings	-	557	-	-	-	14.4	-	212	174	130	36.9
	Benzene	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-
H-11	PID Readings	-	5,000	-	-	-	75.9	-	402	2,196	700	51.4
	Benzene	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-
H-20	PID Readings	-	11.5	-	-	-	0	-	0	5	1.5	9.3
	Benzene	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-
H-21	PID Readings	-	199	-	-	-	0.4	-	17.6	15	26	34.3
	Benzene	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-
H-71	PID Readings	-	-	-	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-
H-81	PID Readings	-	-	-	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-
VMP-1	PID Readings	28	34	-	-	-	-	-	-	-	-	2,200
	Benzene	5	-	-	-	-	-	-	-	-	-	210
	Meth. Chlor.	100	-	-	-	-	-	-	-	-	-	150
VMP-2	PID Readings	750	2.2	-	-	-	-	-	-	-	-	30
	Benzene	10	-	-	-	-	-	-	-	-	-	25
	Meth. Chlor.	100	-	-	-	-	-	-	-	-	-	80
VMP-3	PID Readings	108	406	-	-	-	-	-	-	-	-	3.2
	Benzene	20	-	-	-	-	-	-	-	-	-	10
	Meth. Chlor.	100	-	-	-	-	-	-	-	-	-	20
VMP-4	PID Readings	35	0	-	-	-	-	-	-	-	-	3.5
	Benzene	10	-	-	-	-	-	-	-	-	-	0
	Meth. Chlor.	100	-	-	-	-	-	-	-	-	-	0
VMP-5	PID Readings	78	3.6	-	-	-	-	-	-	-	-	-
	Benzene	20	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	100	-	-	-	-	-	-	-	-	-	-

Note:

(1) Drager tube monitoring from second quarter 1997 on suspended with NYSDEC approval.

(2) ppm - Parts Per Million

TABLE 3
Historical Soil Gas Monitoring Data
AES Shore Realty Site, Glenwood Landing, New York

Sample Location	Sample Parameter (ppm)	MONITORING PERIOD											
		1997				1998				1999			
		Jan	Apr	Jul	Oct	Jan	May	June	Oct	Jan	Apr	August	Nov
V-30	PID Readings	159	61	128	130	32	37.5	140	82.3	2	0	0	2
	Benzene	47	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	10	-	-	-	-	-	-	-	-	-	-	-
V-31	PID Readings	17.5	5.5	6	15	5.5	0	9	21.6	0	0	3.8	0
	Benzene	9	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-40	PID Readings	1.5	3	0	0	0	0	0	0	1	0	0	4
	Benzene	17	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-41	PID Readings	44.5	32	0	21	8	0	0	4.1	1	0	0	0
	Benzene	39	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-42	PID Readings	1.8	0	0	0	0.4	0	0	0	0	0	0	0
	Benzene	3	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-50	PID Readings	178	87	125	155	29	23	105	65.8	8	0	23	0
	Benzene	50	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	50	-	-	-	-	-	-	-	-	-	-	-
V-51	PID Readings	0	0	0	0.5	0.5	0	0	0	0	0	0	13
	Benzene	2	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-52	PID Readings	26.7	0	7	22	0.2	0	0	29.1	0	0	7	0
	Benzene	5	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-60	PID Readings	2.3	0	0	0	0.1	0	0	0.8	0	-	0.2	8
	Benzene	5	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-61	PID Readings	2.6	0	0	0	0	0	0	3.4	0	-	0	0
	Benzene	1	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-70	PID Readings	3.7	0	0	0	0	0	0	0.7	0	-	2.3	0
	Benzene	0	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-71	PID Readings	1.3	0	0	0	0	0	0	0	0	-	0	2
	Benzene	0	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-72	PID Readings	17.4	0	0	8	0.5	0	0	19.5	0	0	4.3	0
	Benzene	7	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-73	PID Readings	21.9	91	20	36	84	9.2	31	40.9	0	0	13.8	12
	Benzene	10	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
H-10	PID Readings	41	32	35	7	12	0	6.8	0	5	3	27	4
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
H-11	PID Readings	65.4	16.5	45	0	0.2	0	18.5	0	0.2	0	192	24
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
H-20	PID Readings	18	0	1	0	1.2	0	0	0	0	0	17	12
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
H-21	PID Readings	6	1.3	0	0	2.2	0	68	0	3	1	0	1
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
H-71	PID Readings	-	-	0	0	-	0	0	0	0	-	28	0
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
H-81	PID Readings	-	-	0	0	0	0	0	0	0.5	0	2	20
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
VMP-1	PID Readings	-	-	-	-	-	-	-	-	-	-	3.1	-
	Benzene	5	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
VMP-2	PID Readings	-	-	-	-	-	-	-	-	-	-	3.5	-
	Benzene	49	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	50	-	-	-	-	-	-	-	-	-	-	-
VMP-3	PID Readings	-	-	-	-	-	-	-	-	-	-	29	-
	Benzene	2	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
VMP-4	PID Readings	-	-	-	-	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
VMP-5	PID Readings	-	-	-	-	-	-	-	-	-	-	0.9	-
	Benzene	4	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-

Note:

(1) Drager tube monitoring from second quarter 1997 on suspended with NYSDEC approval.

(2) ppm - Parts Per Million

TABLE 3
Historical Soil Gas Monitoring Data
AES Shore Realty Site, Glenwood Landing, New York

Sample Location	Sample Parameter (ppm)	MONITORING PERIOD											
		2000				2001				2002			
		Jan	Apr	August	Nov	Feb	May	August	Nov	Feb	May	August	Nov
V-30	PID Readings	9	1	1	1	0	Please note that the system was off during the May site visit.	0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-31	PID Readings	5	2	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-40	PID Readings	0	1	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-41	PID Readings	0	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-42	PID Readings	0	1	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-50	PID Readings	1	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-51	PID Readings	0	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-52	PID Readings	1	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-60	PID Readings	1	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-61	PID Readings	1	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-70	PID Readings	1	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-71	PID Readings	0	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-72	PID Readings	1	0	1	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-73	PID Readings	1	0	2	2	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
H-10	PID Readings	1	2	1	1	0	Please note that the system was off during the May site visit.	0	2	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
H-11	PID Readings	4	14	2	2	0		0	3	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
H-20	PID Readings	7	1	0	1	0		0	1	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
H-21	PID Readings	2	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
H-71	PID Readings	1	0	0	0	0		0	6	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
H-81	PID Readings	2	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
VMP-1	PID Readings	-	-	-	-	-		-	-	-	-	-	-
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
VMP-2	PID Readings	-	-	-	-	-		-	-	-	-	-	-
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
VMP-3	PID Readings	-	-	-	-	-		-	-	-	-	-	-
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
VMP-4	PID Readings	-	-	-	-	-		-	-	-	-	-	-
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
VMP-5	PID Readings	-	-	-	-	-		-	-	-	-	-	-
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-

Note:

(1) Drager tube monitoring from second quarter 1997 on suspended with NYSDEC approval.

(2) ppm - Parts Per Million

TABLE 3
Historical Soil Gas Monitoring Data
AES Shore Realty Site, Glenwood Landing, New York

Sample Location	Sample Parameter (ppm)	MONITORING PERIOD							
		2003				2004			
		March	June	Sept	Dec	March	June	Sept	Nov
V-30	PID Readings	0.2	0	0	- (3)	0	1.1	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-31	PID Readings	0	0	0	-	0	1.3	1.6	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-40	PID Readings	0	0.5	0	-	0	0.7	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-41	PID Readings	0	0	0	-	0	0.3	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-42	PID Readings	0	0	0	-	0	0.4	0.1	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-50	PID Readings	0	0	0	-	0	1.9	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-51	PID Readings	0	0	0	-	0	0.9	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-52	PID Readings	0	1.6	0	-	0	0.4	0.5	0.6
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-60	PID Readings	0	0	0	-	0	0	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-61	PID Readings	0	0	0	-	0	0.3	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-70	PID Readings	0	0	0	-	0	0.7	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-71	PID Readings	0	2	0	-	0	0	0.1	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-72	PID Readings	0	0	0	-	0	0	0.6	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-73	PID Readings	0	0	0	-	0	0	1.1	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
H-10	PID Readings	0	3.5	0	-	0	0.2	0	0
	Benzene	-	-	-	-		-	-	-
	Meth. Chlor.	-	-	-	-		-	-	-
H-11	PID Readings	0	5.8	0	-	0	3.0	0	0
	Benzene	-	-	-	-		-	-	-
	Meth. Chlor.	-	-	-	-		-	-	-
H-20	PID Readings	0	2.7	0	-	0	0	0	0
	Benzene	-	-	-	-		-	-	-
	Meth. Chlor.	-	-	-	-		-	-	-
H-21	PID Readings	0	4.8	0	-	0	3.6	0	0
	Benzene	-	-	-	-		-	-	-
	Meth. Chlor.	-	-	-	-		-	-	-
H-71	PID Readings	0	1.6	1.3	-	0	2.6	0	0
	Benzene	-	-	-	-		-	-	-
	Meth. Chlor.	-	-	-	-		-	-	-
H-81	PID Readings	0	0	0		0	0.9	0	0
	Benzene	-	-	-			-	-	-
	Meth. Chlor.	-	-	-			-	-	-
VMP-1	PID Readings	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
VMP-2	PID Readings	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
VMP-3	PID Readings	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
VMP-4	PID Readings	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
VMP-5	PID Readings	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-

Note:

(1) Drager tube monitoring from second quarter 1997 on suspended with NYSDEC approval.

(2) ppm - Parts Per Million (3) System shutdown for bulkhead restoration

TABLE 3
Historical Soil Gas Monitoring Data
AES Shore Realty Site, Glenwood Landing, New York

Sample Location (a)	Sample Parameter	MONITORING PERIOD											
		2005				2006				2007			
		March (b)	June	Sept	Nov	March	June	Sept	Dec	March	June	Sept	Dec
H - 10	PID Reading (ppmv)	---	2.1	1.2	4.8	53.4	0.0	NM	NM	NM	NM	0.0	0.0
	Vacuum (in. water)	---	2.3	3.0	0.0	0.0	0.5	NM	NM	NM	NM	3.0	5.0
H - 11	PID Reading (ppmv)	---	1.3	1.0	0.1	64.1	0.0	NM	NM	NM	NM	0.0	0.0
	Vacuum (in. water)	---	3.7	3.5	2.9	0.5	2.0	NM	NM	NM	NM	4.0	6.0
H - 12	PID Reading (ppmv)	---	2.3	2.5	11.4	112.0	0.0	NM	NM	NM	NM	0.0	0.0
	Vacuum (in. water)	---	1.9	1.2	6.1	0.0	2.5	NM	NM	NM	NM	0.0	0.0
H - 20	PID Reading (ppmv)	---	0.0	0.0	2.5	36.4	0.0	NM	NM	NM	NM	0.0	0.0
	Vacuum (in. water)	---	7.5	6.8	3.6	0.0	8.5	NM	NM	NM	NM	5.0	9.5
H - 21	PID Reading (ppmv)	---	1.0	0.0	0.5	49.8	0.0	NM	NM	NM	NM	0.0	0.0
	Vacuum (in. water)	---	7.2	7.0	3.5	0.0	8.5	NM	NM	NM	NM	5.0	9.0
H -71	PID Reading (ppmv)	---	0.0	0.0	47.8	14.9	0.0	NM	NM	NM	NM	0.0	NA
	Vacuum (in. water)	---	6.5	5.8	3.5	0.0	3.0	NM	NM	NM	NM	0.0 (c)	NA
H - 81	PID Reading (ppmv)	---	0.0	0.0	0.0	0.0	0.0	NM	NM	NM	NM	1.0	0.0
	Vacuum (in. water)	---	2.2	1.5	0.3	0.0	0.0	NM	NM	NM	NM	0.0	0.3
V - 30	PID Reading (ppmv)	---	0.0	0.0	0.0	28.4	0.0	NM	NM	NM	NM	4.5	0.0
	Vacuum (in. water)	---	5.5	6.0	4.4	0.0	7.5	NM	NM	NM	NM	0.0	9.0
V - 31	PID Reading (ppmv)	---	0.0	0.0	0.0	22.3	0.0	NM	NM	NM	NM	4.0	0.0
	Vacuum (in. water)	---	5.4	5.2	4.3	0.0	7.0	NM	NM	NM	NM	0.0	9.0
V -73	PID Reading (ppmv)	---	0.0	0.0	0.0	3.9	0.0	NM	NM	NM	NM	1.0	0.0
	Vacuum (in. water)	---	1.6	2.0	0.8	0.0	2.0	NM	NM	NM	NM	0.0	1.0

Sample Location (a)	Sample Parameter	MONITORING PERIOD											
		2008				2009				2010			
		March	June	Sept	Nov	March	June [2]	Sept	Dec [3]	March [4]	June [4]	Oct [4]	Dec [5]
H - 10	PID Reading (ppmv)	0.0	0.0	0.1	0.0	10.9	0.0	0.0	0.0	0.5	0.0	0.0	0.0
	Vacuum (in. water)	10.0	8.0	5.0	4.0	0.5	0.0	3.5	0.0	7.0	5.0	3.0	5.0
H - 11	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	11.5	10.5	6.0	5.0	5.5	0.0	4.5	0.0	9.0	6.5	5.0	6.0
H - 12	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	0.0
	Vacuum (in. water)	0.0 [1]	0.0	0.7	0.1	0.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0
H - 20	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	14.0	14.0	8.5	7.0	8.0	0.0	7.0	0.0	13.0	10.0	8.5	9.5
H - 21	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
	Vacuum (in. water)	13.5	13.0	8.0	6.5	7.5	0.0	6.5	0.0	12.0	9.5	8.0	9.0
H -71	PID Reading (ppmv)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
	Vacuum (in. water)	0.0	0.0	4.5	4.5	5.0	0.0	4.0	0.0	8.0	6.5	5.0	NA
H - 81	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	0.8	0.0	0.4	0.6	0.5	0.0	1.0	0.0	0.4	0.2	0.2	0.3
V - 30	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	11.5	13.0	8.0	6.0	7.0	0.0	7.5	0.0	13.0	10.5	9.0	9.0
V - 31	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	12.0	13.0	8.0	6.0	7.5	0.0	7.5	0.0	13.0	10.5	9.0	9.0
V -73	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	1.0	1.5	0.5	0.8	1.5	0.0	0.5	0.0	3.0	1.0	1.0	1.0

Notes:

(a) In June 2005, soil vapor extraction wells V-40 through V-72 were taken off-line, and new horizontal vapor extraction well H-12 was placed on-line.

(b) System not operational in March due to system upgrade activities

(ppmv) parts per million vapor

(c) H-71 has been valved closed since September 2007; the well screen is submerged.

(1) H-12 did not show well head vacuum after applying maximum vacuum to purge line.

(2) Treatment system was offline during June 2009 quarterly sampling event.

(3) SVE/AS system was offline during December 2009 sampling event.

(4) H-12 well flooded, no measurements.

(5) H-71 well flooded, no measurements.

(6) H-11 flooded, no vacuum detected..

TABLE 3
Historical Soil Gas Monitoring Data
AES Shore Realty Site, Glenwood Landing, New York

Sample Location (a)	Sample Parameter	MONITORING PERIOD											
		2011				2012				2013			
		Mar (4)	June (4)	Sept (4)	Dec (4)	Mar (4,5)	June (4,5)	Sept (4)	Dec (4)	Mar (4,6)	June (4,6)	Oct (4)	Nov (4)
H - 10	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
	Vacuum (in. water)	5.0	5.0	9.5	9.0	6.5	10.0	9.5	10.0	7.5	4.5	3.2	3.3
H - 11	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	NA	NA	0.0	0.0
	Vacuum (in. water)	6.5	6.5	10.0	10.0	7.2	10.0	10.0	10.0	NA	NA	3.5	0.1
H - 12	PID Reading (ppmv)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vacuum (in. water)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H - 20	PID Reading (ppmv)	0.0	0.0	0.0	0.0	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	10.0	10.0	13.0	12.0	11.0	14.0	13.0	13.5	11.0	9.5	7.5	9.0
H - 21	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	8.5	9.0	13.0	12.5	10.3	13.5	12.5	13.0	11.0	8.0	6.5	8.0
H -71	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	Vacuum (in. water)	5.0	6.0	9.0	9.0	0.0	0.0	6.0	6.5	7.0	4.0	3.0	3.0
H - 81	PID Reading (ppmv)	0.0	1.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.1
V - 30	PID Reading (ppmv)	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	10.0	10.0	12.5	12.0	10.7	13.5	10.5	11.0	11.0	10.0	8.5	10.0
V - 31	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	10.5	10.0	12.5	12.0	10.8	14.0	10.5	11.0	11.5	10.0	9.0	10.0
V -73	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	1.0	0.9	1.1	1.0	0.8	1.2	1.3	1.1	0.8	0.9	0.6	1.0

Sample Location (a)	Sample Parameter	MONITORING PERIOD				MONITORING PERIOD				MONITORING PERIOD			
		2014				2015				2016			
		Jan (4)	Apr (4)	Jul (7)	Oct (4)	Jan (4)	Apr (4)	Jul	Oct	Jan	Apr	July	Oct
H - 10	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	5.9	0.0	20.8	0.0	0.0	0.0	0.0
	Vacuum (in. water)	3.3	1.7	NA	4.0	2.5	0.0	2.1	0.0	2.2	0.1	3.8	3.5
H - 11	PID Reading (ppmv)	0.0	0.0	NA	1.3	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	0.1	4.5	NA	5.0	2.8	5.0	3.1	0.3	2.3	3.8	4.6	4.3
H - 12	PID Reading (ppmv)	0.0	NA	NA	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	NA	NA	NA	NA	NA	NA	1.0	4.0	1.3	0.0	1.0	1.6
H - 20	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	9.0	9.0	NA	9.0	8.0	10.0	6.7	0.0	6.5	>7.0	1.2	6.8
H - 21	PID Reading (ppmv)	0.0	0.0	NA	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	8.0	8.0	NA	9.0	8.0	9.0	6.1	0.3	5.1	6.9	8.1	6.3
H -71	PID Reading (ppmv)	0.0	0.1	NA	1.4	0.0	0.0	0.0	214.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	3.0	3.1	NA	4.0	2.5	4.0	0.3	0.0	2.1	3.2	2.9	2.4
H - 81	PID Reading (ppmv)	0.0	0.0	NA	0.8	0.0	0.0	0.0	14.4	0.0	0.0	0.0	0.0
	Vacuum (in. water)	0.1	0.4	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	+0.061
V - 30	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	10.0	8.0	NA	9.0	7.0	9.5	10.0	2.0	8.0	>7.0	8.7	7.7
V - 31	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	10.0	8.0	NA	9.5	4.5	9.5	8.2	1.8	7.5	>7.0	8.8	8.0
V -73	PID Reading (ppmv)	0.0	0.0	NA	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	1.0	1.2	NA	1.0	0.9	1.0	2.0	0.5	0.4	0.735	0.6	0.5

Notes:

(a) In June 2005, soil vapor extraction wells V-40 through V-72 were taken off-line, and new horizontal vapor extraction well H-12 was placed on-line.

(b) System not operational in March due to system upgrade activities

(ppmv) parts per million vapor

(c) H-71 has been valved closed since September 2007; the well screen is submerged.

(1) H-12 did not show well head vacuum after applying maximum vacuum to purge line.

(2) Treatment system was offline during June 2009 quarterly sampling event.

(3) SVE/AS system was offline during December 2009 sampling event.

(4) H-12 well flooded, no measurements.

(5) H-71 well flooded, no measurements.

(6) H-11 flooded, no vacuum detected..

(7) Field measurements not taken during July 2014 event.

TABLE 3
Historical Soil Gas Monitoring Data
AES Shore Realty Site, Glenwood Landing, New York

Sample Location (a)	Sample Parameter	MONITORING PERIOD 2017				MONITORING PERIOD 2018			
		Jan (4)	Apr	July (7)	Oct (4)	Jan (4)	Apr	July	Oct
H - 10	PID Reading (ppmv)	0.0	0.1	NA	0.0	0.0	1.0	3.0	
	Vacuum (in. water)	0.0	0.0	NA	0.3	0.0	2.0	0.1	
H - 11	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.4	0.0	3.0	
	Vacuum (in. water)	4.7	4.9	NA	1.75	2.0	3.0	0.0	
H - 12	PID Reading (ppmv)	NA	NA	NA	NA	NA	0.0	2.0	
	Vacuum (in. water)	NA	NA	NA	NA	NA	9.0	1.0	
H - 20	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	7.0	
	Vacuum (in. water)	8.5	8.6	NA	6.5	5.1	2.0	0.1	
H - 21	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	6.5	
	Vacuum (in. water)	7.8	7.8	NA	5.5	4.4	7.5	0.2	
H -71	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	2.3	
	Vacuum (in. water)	1.7	3.9	NA	2.5	2.0	4.0	0.3	
H - 81	PID Reading (ppmv)	0.0	0.0	NA	0.4	0.0	0.0	0.0	
	Vacuum (in. water)	0.0	0.0	NA	0.0	0.1	0.0	0.0	
V - 30	PID Reading (ppmv)	0.0	0.0	NA	2.0	0.2	0.0	7.0	
	Vacuum (in. water)	9.6	8.7	NA	0.0	0.0	8.0	0.0	
V - 31	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	7.0	
	Vacuum (in. water)	8.8	9.0	NA	0.0	3.8	8.0	0.0	
V -73	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	0.0	
	Vacuum (in. water)	0.8	0.9	NA	0.15	0.0	0.8	0.5	

Notes:

(a) In June 2005, soil vapor extraction wells V-40 through V-72 were taken off-line, and new horizontal vapor extraction well H-12 was placed on-line.

(b) System not operational in March due to system upgrade activities

(ppmv) parts per million vapor

(c) H-71 has been valved closed since September 2007; the well screen is submerged.

(1) H-12 did not show well head vacuum after applying maximum vacuum to purge line.

(2) Treatment system was offline during June 2009 quarterly sampling event.

(3) SVE/AS system was offline during December 2009 sampling event.

(4) H-12 well flooded, no measurements.

(5) H-71 well flooded, no measurements.

(6) H-11 flooded, no vacuum detected..

(7) Field measurements not taken during July 2014 and July 2017 events.

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX - 0	3/1/09	<0.001	<0.001	0.02800	**0.27800**	**0.30600**	<0.002
	6/10/09	**0.00200**	**0.00061 J**	**0.02750**	**0.29100**	**0.32111**	<0.002
	9/16/09	**0.00064**	<0.001	<0.001	<0.001	**0.00064**	<0.002
	12/22/09	**0.00045**	**0.00350**	**0.05710**	**0.62500**	**0.68605**	<0.002
	3/19/10	**0.00040**	**0.00100**	**0.12900**	**1.38000**	**1.51040**	<0.002
	6/17/10	**0.00045**	<0.001	**0.00970**	**0.36000**	**0.37015**	<0.002
	10/4/10	**0.00036**	<0.001	**0.01370**	**0.09350**	**0.10756**	<0.002
	12/10/10	<0.001	<0.001	**0.03250**	**0.32300**	**0.35550**	<0.002
	3/8/11	<0.001	<0.001	**0.00140**	**0.02630**	**0.02770**	<0.002
	7/7/11	<0.00022	<0.00015	<0.00021	**0.00097 J**	**0.00097**	<0.0002
	8/31/11	<0.00022	**0.00290**	<0.00021	**0.01160**	**0.01450**	<0.0002
	11/17/11	**0.00029 J**	<0.00015	**0.00110**	<0.00017	**0.00139**	<0.0002
	3/20/12	<0.0002	<0.00015	**0.00240**	**0.00130**	**0.00370**	<0.0002
	6/1/12	<0.00024	<0.00023	**0.00500**	**0.00660**	**0.01160**	<0.0007
	9/1/12	**0.00034 J**	<0.00023	<0.00023	**0.00035 J**	**0.00069**	<0.0007
	1/3/13	<0.00024	**0.01030**	<0.00023	**0.02230**	**0.03260**	<0.0007
	3/27/13	<0.00024	**0.00036 J**	**0.01460**	**0.07010**	**0.08506**	<0.0007
	6/17/13	<0.00024	**<0.00023**	**0.00530**	**0.10400**	**0.10930**	<0.0007
	10/4/13	<0.00028	**0.00037 J**	<0.00044	**0.03160**	**0.03160**	<0.00086
	11/25/13	<0.00028	<0.00044	<0.00044	**0.00210**	**0.00210**	<0.00086
	1/14/14	<0.00028	<0.00021	<0.00044	**0.00110**	**0.00110**	<0.0043
	4/10/14	<0.00028	<0.00044	**0.00450**	**0.01510**	**0.01960**	<0.00086
	7/10/14	<0.00028	<0.00044	**0.06290**	**0.35600**	**0.41890**	<0.00086
	10/16/14	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/22/15	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/16/15	<0.00024	<0.00016	**0.00250**	**0.01300**	**0.01550**	<0.00073
	7/23/15	<0.00024	<0.00016	<0.00027	**0.02180**	**0.02180**	<0.00073
	10/22/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/20/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/16	<0.00024	<0.00016	**0.00091 J**	**0.01840**	**0.01931**	<0.00074
	7/13/16	<0.00014	<0.00023	<0.00020	**0.00320**	**0.00320**	<0.00035
	10/24/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	1/24/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	4/20/17	<0.00014	<0.00023	<0.00020	0.00045 J	0.00045	<0.001
	7/25/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/30/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/9/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/19/18	<0.00017	<0.00025	**0.00180**	**0.02340**	**0.02520**	<0.0010
	7/26/18	<0.00043	<0.00053	**0.00360**	**0.07050**	**0.07410**	<0.0010

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX - 1	7/1/95	<0.001	**21.50200**	**3.86000**	**20.06500**	**45.42700**	<0.001
	10/1/95	**0.00700**	**6.19400**	<0.001	**14.53900**	**20.74000**	<0.001
	1/1/96	**0.00300**	**1.88700**	**0.81800**	**7.83100**	**10.53900**	<0.001
	4/1/96	**0.00800**	**1.89000**	<0.001	**6.43500**	**8.33300**	<0.001
	7/1/96	**0.00100**	**5.43500**	**1.05400**	**7.48400**	**13.97400**	<0.001
	10/1/96	**0.00200**	**17.67500**	**5.39000**	**34.75500**	**57.82200**	<0.001
	1/1/97	<0.001	**2.76500**	**0.93700**	**8.06700**	**11.76900**	<0.001
	4/1/97	**0.00100**	**1.10800**	**0.00400**	**1.79500**	**2.90800**	<0.001
	7/1/97	<0.05	**2.12700**	**0.92400**	**12.72500**	**15.77600**	<0.05
	10/1/97	<0.001	<0.001	<0.001	**0.31000**	**0.31000**	<0.001
	1/1/98	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/98	<0.01	**2.50000**	**0.39000**	**2.02000**	**4.91000**	<0.005
	7/22/98	<0.005	**2.20000**	**0.41000**	**2.03000**	**4.64000**	<0.005
	10/1/98	<0.025	**1.10000**	**0.23000**	**1.73000**	**3.06000**	<0.025
	1/1/99	<0.001	<0.001	<0.001	<0.002	<MDL	<0.001
	4/1/99	<0.005	**0.09700**	**0.16000**	**0.38000**	**0.22000**	<0.005
	8/1/99	<0.001	<0.001	<0.001	<MDL	<MDL	<0.001
	11/1/99	<0.001	**0.35000**	**0.21000**	**0.91000**	**1.47000**	<0.001
	2/1/00	<0.001	**1.70000**	**0.66000**	**3.02000**	**5.38000**	<0.001
	5/1/00	<0.02	**0.96000**	**0.66000**	**2.97000**	**4.59000**	<0.02
	8/1/00	<0.005	**0.12000**	**0.14000**	**0.96000**	**1.22000**	<0.005
	11/1/00	<0.001	<0.001	<0.001	**0.03200**	**0.03200**	<0.001
	2/1/01	<0.001	**0.25000**	**0.19000**	**0.94000**	**1.38000**	<0.001
	5/1/01	**0.00300**	**0.12000**	**0.39000**	**2.81000**	**3.32300**	<0.001
	8/1/01	NS	NS	NS	NS	NS	NS
	11/30/01	NS	NS	NS	NS	NS	NS
	2/2/02	NS	NS	NS	NS	NS	NS
	5/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/02	<0.001	<0.001	**0.05200**	**0.21300**	**0.26500**	<0.001
	11/2/02	<0.001	**0.06300**	**0.06400**	**0.18400**	**0.31100**	<0.001
	3/26/03	<0.001	**0.00700**	**0.09700**	**0.24000**	**0.34000**	<0.001
	6/26/03	<0.001	**0.00600**	**0.12000**	**0.72000**	**0.85000**	<0.001
	9/30/03	<0.001	<0.001	<0.001	**0.00600**	**0.00600**	<0.001
	12/30/03	<0.001	<0.001	**0.00100**	**0.00800**	**0.00900**	<0.001
	3/31/04	<0.001	**0.01600**	**0.00800**	**0.05000**	**0.07400**	<0.001
	6/24/04	<0.001	<0.001	**0.01570**	**0.30800**	**0.32400**	<0.002
	10/18/04	<0.001	<0.001	<0.001	**0.00080**	**0.00080**	<0.002
	4/18/05	<0.001	<0.001	**0.02100**	**0.23600**	**0.25700**	<0.002
	7/26/05	**0.00047**	**0.00960**	**0.00400**	**0.01460**	**0.02867**	<0.002
	11/15/05	**0.00180**	**0.18400**	**0.00490**	**0.70900**	**0.90000**	<0.004
	3/30/06	<0.001	**0.00350**	**0.00100**	**0.00860**	**0.01310**	<0.002
	6/19/06	<0.001	**0.01300**	**0.00640**	**0.13700**	**0.15600**	<0.002
	10/6/06	**0.00096 J**	**0.01840**	**0.00750**	**0.14900**	**0.17600**	<0.002
	1/7/07	NS	NS	NS	NS	NS	NS
	4/1/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/07	<0.001	**0.00110**	<0.001	**0.00089 J**	**0.00199**	<0.002
	9/25/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	1/3/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/08	<0.001	**0.0004 J**	**0.0006 J**	**0.09510**	**0.09610**	<0.002
	9/29/08	<0.001	<0.001	<0.001	**0.01700**	**0.01700**	<0.002
	11/20/08	<0.001	**0.00047 J**	**0.02030**	**0.81600**	**0.83677**	<0.002
	3/19/09	<0.001	<0.001	<0.001	**0.22900**	**0.22900**	<0.002
	6/10/09	<0.001	**0.00660**	**0.00180**	**0.01780**	**0.02620**	<0.002
	9/16/09	<0.001	<0.001	**0.10700**	**0.74300**	**0.85000**	<0.002
	12/22/09	<0.001	**0.00670**	**0.00210**	**0.01220**	**0.02100**	<0.002

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX - 1	3/19/10	<0.001	<0.001	**0.00990**	**0.31100**	**0.32090**	<0.002
	6/17/10	<0.001	<0.001	**0.05170**	**0.21700**	**0.26870**	<0.002
	10/4/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/10	<0.001	**0.01800**	**0.00037**	**0.01600**	**0.03437**	<0.002
	3/8/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	7/7/11	<0.00022	<0.00015	**0.03710**	**0.27300**	**0.31010**	<0.0002
	8/31/11	<0.00055	<0.00036	**0.05190**	**0.70200**	**0.75390**	<0.00051
	11/21/11	<0.00022	<0.00015	**0.00023**	**0.24200**	**0.24223**	<0.00020
	3/20/12	<0.00044	<0.00029	**0.01220**	**0.66700**	**0.67920**	<0.0004
	6/1/12	<0.00024	<0.00023	**0.00180**	**0.35000**	**0.35180**	<0.0007
	9/1/12	<0.00024	<0.00023	<0.00023	**0.16900**	**0.16900**	<0.0007
	1/3/13	<0.00024	<0.00023	**0.00038 J**	**0.16900**	**0.16938**	<0.0007
	3/27/13	<0.00024	<0.00023	**0.00240**	**0.20700**	**0.20940**	<0.0007
	6/17/13	<0.00024	<0.00023	**0.00630**	**0.16500**	**0.17130**	<0.0007
	10/4/13	<0.00028	<0.00021	<0.00044	**0.00089 J**	**0.00089**	<0.00086
	11/26/13	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	1/14/14	**0.00055 J**	<0.00021	<0.00044	<0.00019	**0.00055**	<0.0043
	4/10/14	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	7/10/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/16/14	<0.00021	<0.00022	**0.00057 J**	**0.01290**	**0.01347**	<0.00089
	1/22/15	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/16/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/23/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/22/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/20/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/13/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/24/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	1/24/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	4/20/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	7/25/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/30/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/9/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/19/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/26/18	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX - 2	7/1/95	<0.001	**110.135**	**7.849**	**35.053**	**153.037**	<0.001
	10/1/95	**0.15**	**104.695**	**3.750**	**45.985**	**154.58**	<0.001
	1/1/96	**0.20**	**128.120**	**4.280**	**26.985**	**159.585**	<0.001
	4/1/96	**0.008**	**3.407**	<0.001	**6.260**	**9.675**	<0.001
	7/1/96	**0.002**	**6.79**	**0.7450**	**7.372**	**14.906**	<0.001
	10/1/96	**0.092**	**101.465**	**3.785**	**29.665**	**135.01**	<0.001
	1/1/97	**0.079**	**121.460**	**6.290**	**33.721**	**161.55**	<0.001
	4/1/97	**0.048**	**91.350**	**4.090**	**32.960**	**128.448**	<0.001
	7/1/97	<0.05	**75.314**	**3.303**	**19.835**	**98.452**	<0.05
	10/1/97	**0.008**	**14**	<0.005	**13.4**	**27.408**	<0.005
	1/1/98	<0.1	**35.681**	**2.283**	**20.805**	**58.769**	<0.1
	4/1/98	<0.25	**47.000**	**2.000**	**27.000**	**76.000**	<0.05
	7/22/98	<0.1	**35.000**	**1.700**	**22.400**	**59.100**	<0.1
	10/1/98	**0.030**	**18.000**	**0.450**	**10.500**	**28.980**	<0.025
	1/1/99	**0.044**	**18.000**	**0.140**	**25.100**	**43.284**	<0.025
	4/1/99	<0.05	**47.000**	**2.800**	**17.000**	**5.100**	<0.05
	8/1/99	<0.05	**33.000**	**1.800**	**20.800**	**55.600**	<0.05
	11/1/99	**0.028**	**21.000**	**2.200**	**14.900**	**38.128**	<0.001
	2/1/00	**0.032**	**16.000**	**1.700**	**16.900**	**34.632**	<0.001
	5/1/00	<0.1	**20.000**	**2.000**	**22.900**	**44.900**	<0.1
	8/1/00	<0.05	**12.000**	**1.300**	**18.600**	**31.900**	<0.05
	11/1/00	<0.02	**0.910**	**0.200**	**4.020**	**5.130**	<0.020
	2/1/01	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001
	5/1/01	**0.016**	**3.000**	**0.580**	**6.300**	**9.896**	<0.001
	8/1/01	<0.025	**0.610**	**0.850**	**6.040**	**7.500**	<0.025
	11/30/01	**0.001**	**0.001**	**0.039**	**0.078**	**0.119**	<0.001
	2/2/02	<0.05	**3.900**	**0.450**	**4.980**	**9.330**	<0.05
	5/2/02	<0.001	**0.046**	**0.016**	**0.139**	**0.201**	<0.001
	8/2/02	<0.001	<0.001	<0.001	**0.011**	**0.011**	<0.001
	11/2/02	**0.003**	**0.840**	**0.057**	**0.610**	**1.510**	<0.001
	3/26/03	**0.016**	**2.600**	**0.064**	**5.820**	**8.500**	<0.001
	6/26/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/03	**0.013**	**1.700**	**0.360**	**3.290**	**5.400**	<0.001
	12/3/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/04	**0.031**	**1.900**	**0.920**	**5.180**	**8.030**	<0.001
	6/24/04	**0.00056 J**	**0.115**	**0.034**	**0.373**	**0.522**	<0.002
	10/18/04	**0.0391**	**4.64**	**1.01**	**10.7**	**16.4**	<0.002
	4/18/05	**0.0068**	**0.631**	**0.19**	**1.6**	**2.4**	<0.002
	7/26/05	**0.0075**	**0.881**	**0.262**	**1.960**	**3.111**	<0.002
	11/15/05	**0.0235**	**5.100**	**0.395**	**5.380**	**10.899**	<0.100
	3/30/06	**0.0280**	**2.900**	**0.371**	**2.700**	**5.999**	<0.010
	6/19/06	**0.0051**	**0.883**	**0.111**	**1.150**	**2.149**	<0.010
	10/6/06	<0.001	**0.0312**	**0.011**	**0.087**	**0.128**	<0.002
	1/7/07	**0.0114**	**1.8800**	**0.161**	**1.380**	**3.433**	<0.020
	4/1/07	<0.001	**0.0060**	**0.001**	**0.007**	**0.013**	<0.020
	6/7/07	**0.012**	**2.470**	**0.315**	**2.160**	**4.957**	<0.010
	9/25/07	**0.004**	**0.828**	**0.121**	**0.954**	**1.907**	<0.001
	1/3/08	**0.007**	**0.261**	**0.038**	**0.414**	**0.719**	<0.002
	3/8/08	**0.007**	**1.010**	**0.131**	**0.865**	**2.013**	<0.002
	6/8/08	**0.00034 J**	**0.032**	**0.006**	**0.054**	**0.092**	<0.002
	9/29/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/08	**0.009**	**0.908**	**0.127**	**0.841**	**1.885**	<0.002
	3/19/09	**0.010**	**0.770**	**0.136**	**0.484**	**1.400**	<0.002
	6/10/09	<0.001	**0.043**	**0.008**	**0.048**	**0.099**	<0.002
	9/16/09	**0.006**	**1.940**	**0.726**	**3.120**	**5.792**	<0.002
	12/22/09	**0.006**	**1.920**	**0.689**	**3.770**	**6.385**	<0.002

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX - 2	3/19/10	**0.010**	**2.810**	**0.894**	**4.120**	**7.834**	<0.040
	6/17/10	**0.007**	**1.930**	**0.545**	**2.420**	**4.902**	<0.020
	10/4/10	**0.004**	**1.430**	**0.212**	**1.570**	**3.216**	<0.020
	12/10/10	**0.064**	**1.570**	**0.278**	**1.200**	**3.112**	<0.020
	3/8/11	**0.063**	**1.450**	**0.286**	**1.060**	**2.859**	<0.020
	7/7/11	**0.0030 J**	**0.522**	**0.079**	**0.439**	**1.043**	<0.001
	8/31/11	**0.0048 J**	**0.875**	**0.0392**	**0.699**	**1.618**	<0.001
	11/21/11	**0.0043 J**	**0.765**	**0.1250**	**0.575**	**1.469**	<0.001
	3/20/12	**0.00097 J**	**0.094**	**0.0397**	**0.134**	**0.268**	<0.0002
	6/1/12	**0.003**	**0.386**	**0.0908**	**0.365**	**0.845**	<0.0007
	9/1/12	<0.00024	**0.001**	**0.0011**	**0.008**	**0.011**	<0.0007
	1/3/13	**0.0031**	**1.010**	**0.2750**	**0.966**	**2.254**	<0.0007
	3/27/13	**0.0026**	**0.361**	**0.1370**	**0.319**	**0.820**	<0.0007
	6/17/13	**0.0020**	**0.398**	**0.0592**	**0.269**	**0.728**	<0.0007
	10/4/13	**0.0026**	**0.0785**	**0.5600**	**0.340**	**0.981**	<0.00086
	11/25/13	**0.0123**	**0.046**	**0.1420**	**0.078**	**0.278**	<0.00086
	1/14/14	**0.003 J**	**0.607**	**0.1310**	**0.436**	**0.741**	<0.0043
	4/10/14	**0.0026**	**0.484**	**0.1150**	**0.302**	**0.904**	<0.00086
	7/10/14	**0.0038**	**0.420**	**0.0791**	**0.322**	**0.825**	<0.00086
	10/17/14	**0.0021**	**0.333**	**0.0570**	**0.265**	**0.657**	<0.00089
	1/22/15	**0.0020**	**0.245**	**0.0425**	**0.207**	**0.497**	<0.00089
	4/16/15	**0.0021**	**0.483**	**0.0896**	**0.287**	**0.862**	<0.0029
	7/23/15	**0.0019**	**0.471**	**0.0641**	**0.341**	**0.878**	<0.00073
	10/22/15	**0.0017**	**0.233**	**0.0356**	**0.236**	**0.506**	<0.00073
	1/20/16	**0.0017**	**0.233**	**0.0292**	**0.155**	**0.419**	<0.00073
	4/20/16	**0.0023**	**0.297**	**0.0520**	**0.189**	**0.540**	<0.00073
	7/13/16	**0.0017**	**0.212**	**0.0329**	**0.195**	**0.442**	<0.00035
	10/24/16	**0.0012**	**0.067**	**0.0117**	**0.094**	**0.175**	<0.001
	1/25/17	**0.0010**	**0.040**	**0.0138**	**0.077**	**0.132**	<0.001
	4/20/17	**0.0016**	**0.188**	**0.0367**	**0.143**	**0.369**	<0.001
	7/25/17	**0.0014**	**0.180**	**0.0288**	**0.130**	**0.340**	<0.0010
	10/30/17	**0.0011**	**0.077**	**0.0203**	**0.116**	**0.214**	<0.0010
	1/9/18	**0.0014**	**0.225**	**0.0369**	**0.179**	**0.442**	<0.0010
	4/19/18	**0.0019**	**0.326**	**0.0530**	**0.193**	**0.574**	<0.0010
	7/26/18	**0.0013**	**0.153**	**0.0278**	**0.125**	**0.307**	<0.0010

TABLE 4
Historical Groundwater Quality Data
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Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX - 3	7/1/95	**0.1510**	**9.608**	**1.2980**	**3.194**	**14.251**	<0.001
	10/1/95	<0.001	<0.001	<0.001	**0.03200**	**0.03200**	<0.001
	1/1/96	**0.20500**	**31.42000**	**0.44200**	**1.94200**	**34.00900**	<0.001
	4/1/96	**0.00900**	**0.05400**	<0.001	**5.17800**	**5.24100**	<0.001
	7/1/96	**0.09500**	**3.64300**	**0.12800**	**0.98800**	**4.85400**	<0.001
	10/1/96	**0.09300**	**33.77500**	**0.16100**	**16.27500**	**50.30400**	<0.001
	1/1/97	**0.02000**	**1.72100**	**0.05900**	**0.51400**	**2.31400**	**0.014**
	4/1/97	**0.00700**	**2.51500**	**0.67200**	**4.73400**	**7.92800**	<0.001
	7/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/97	<0.005	**0.00900**	<0.005	**0.10000**	**0.10900**	<0.005
	1/1/98	<0.005	**0.21300**	**0.02800**	**0.17500**	**0.41600**	<0.005
	4/1/98	0.02000	<0.02	**0.03000**	**0.06000**	**0.11000**	<0.005
	7/22/98	**0.00100**	**0.08700**	**0.00200**	**0.09200**	**0.18200**	<0.001
	10/1/98	<0.025	**0.38000**	<0.025	**0.45000**	**0.83000**	<0.025
	1/1/99	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	4/1/99	0.00200	**2.10000**	**0.23000**	**2.20000**	**0.57000**	<0.001
	8/1/99	0.01300	**4.40000**	**0.28000**	**2.47000**	**7.16300**	<.0001
	11/1/99	**0.00500**	**0.11000**	**0.03800**	**0.31500**	**0.46800**	<0.001
	2/1/00	**0.02000**	**0.03000**	**0.03700**	**0.16000**	**0.24700**	<0.001
	5/1/00	**0.03600**	**0.12000**	**0.03000**	**0.33600**	**0.52200**	<0.005
	8/1/00	**0.00600**	**0.76000**	**0.10000**	**1.31000**	**2.17600**	<0.001
	11/1/00	<0.001	**0.00600**	**0.00200**	**0.02800**	**0.03600**	<0.001
	2/1/01	**0.00200**	<0.001	<0.001	<0.003	**0.00200**	<0.001
	5/1/01	**0.00600**	**0.05500**	**0.07100**	**0.60000**	**0.73200**	<0.001
	8/1/01	**0.01700**	**0.00400**	**0.03700**	**0.07900**	**0.13700**	**0.004**
	11/30/01	**0.00300**	**0.00200**	**0.01600**	**0.08200**	**0.10300**	<0.001
	2/2/02	**0.00500**	**0.00300**	**0.02300**	**0.02500**	**0.05600**	<0.001
	5/2/02	**0.00700**	**0.00400**	**0.01900**	**0.01200**	**0.04200**	<0.001
	8/2/02	**0.00700**	<0.001	**0.01600**	**0.02300**	**0.04600**	<0.001
	11/2/02	**0.00600**	**0.04000**	**0.00700**	**0.03600**	**0.08900**	<0.001
	3/26/03	**0.00700**	<0.001	**0.00500**	**0.00900**	**0.02100**	<0.001
	6/26/03	**0.01200**	**0.00100**	**0.01600**	**0.02800**	**0.05700**	<0.001
	9/30/03	**0.02100**	**0.00100**	<0.001	**0.00300**	**0.02500**	<0.001
	12/30/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/04	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/04	**0.00280**	<0.001	<0.001	<0.001	**0.00280**	<0.002
	10/18/04	**0.01470**	**0.00078**	<0.001	**0.00140**	**0.01690**	<0.002
	4/19/05	**0.00130**	<0.001	<0.001	<0.001	**0.00130**	<0.002
	7/26/05	**0.00350**	**0.00085**	**0.00042**	**0.00084**	**0.00560**	<0.002
	11/15/05	**0.01970**	**0.00540**	**0.01650**	**0.00970**	**0.05130**	<0.002
	3/30/06	**0.00750**	**0.00029**	**0.00110**	**0.00040**	**0.00929**	<0.002
	6/19/06	**0.00310**	<0.002	<0.002	<0.002	**0.00310**	<0.004
	10/6/06	**0.00072 J**	**0.00220**	**0.00260**	**0.01460**	**0.02010**	<0.002
	1/7/07	**0.00870**	**0.0006 J**	**0.00140**	**0.00140**	**0.01210**	<0.002
	4/1/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/07	**0.00290**	**0.0005 J**	<0.001	**0.00047 J**	**0.00387**	<0.002
	9/25/07	**0.00061 J**	<0.001	**0.00029 J**	**0.00086 J**	**0.00176**	<0.002
	1/3/08	**0.00280**	<0.001	<0.001	<0.001	**0.00280**	<0.002
	3/8/08	**0.00160**	<0.001	<0.001	<0.001	**0.00160**	<0.002
	6/8/08	**0.00180**	**0.00320**	**0.00095 J**	<0.001	**0.00595**	<0.002
	9/29/08	**0.00470**	**0.00061 J**	**0.00051 J**	**0.00073 J**	**0.00655**	<0.002
	11/20/08	**0.00480**	**0.00049 J**	**0.00039 J**	**0.00160**	**0.00248**	<0.002
	3/19/09	**0.00450**	**0.0004 J**	**0.00260**	**0.00160**	**0.00870**	<0.002
	6/10/09	**0.00040**	**0.00300**	<0.001	**0.00040**	**0.00380**	<0.002
	9/16/09	**0.00140**	**0.00470**	**0.00120**	**0.00088**	**0.00818**	<0.002
	12/22/09	**0.00076**	<0.001	**0.00550**	**0.00110**	**0.00736**	<0.002

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX - 3	3/19/10	**0.00240**	**0.00730**	**0.01130**	**0.00440**	**0.02540**	<0.002
	6/17/10	**1.80000**	**0.31900**	**0.09920**	**1.19000**	**3.40820**	<0.040
	10/4/10	**0.00160**	**0.00250**	**0.00460**	**0.00081**	**0.00951**	<0.002
	12/10/10	**0.00084**	**0.00032**	**0.00190**	**0.00054**	**0.00360**	<0.002
	3/8/11	**0.00250**	**0.00100**	**0.00310**	**0.00140**	**0.00800**	<0.002
	7/7/11	**0.00170**	**0.00035 J**	**0.00034 J**	**0.00057 J**	**0.00296**	<0.0002
	8/31/11	**0.00150**	**0.00110**	**0.00120**	**0.00320**	**0.00700**	<0.0002
	11/21/11	**0.00160**	**0.0034 J**	**0.00190**	**0.0085 J**	**0.01540**	<0.0002
	3/20/12	**0.00210**	**0.00053 J**	**0.00380**	**0.00190**	**0.00833**	<0.0002
	6/1/12	**0.00140**	**0.00340**	**0.00062 J**	**0.00170**	**0.00712**	<0.0007
	9/1/12	**0.00150**	**0.00600**	**0.00120**	**0.00130**	**0.01000**	<0.0007
	1/3/13	**0.00067 J**	<0.00023	**0.00210**	**0.00046 J**	**0.00323**	<0.0007
	3/27/13	**0.00093 J**	<0.00023	**0.00250**	**0.00029 J**	**0.00372**	<0.0007
	6/17/13	**0.00040 J**	**0.00140**	**0.00063 J**	**0.00220**	**0.00463**	<0.0007
	10/4/13	<0.00028	**0.00054 J**	**0.00073 J**	**0.00160**	**0.00287**	<0.00086
	11/25/13	**0.00046J**	<0.00044	<0.00021	**0.00079 J**	**0.00125**	<0.00086
	1/14/14	**0.00081 J**	<0.00044	**0.0009 J**	**0.00083 J**	**0.00254**	<0.00086
	4/10/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/10/14	<0.00028	<0.00044	**0.01290**	**0.02560**	**0.03850**	<0.00086
	10/16/14	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/22/15	<0.00021	**0.00041 J**	<0.00031	**0.00480**	**0.00521**	<0.00089
	4/16/15	<0.00024	<0.00016	<0.00027	**0.00060 J**	**0.00060**	<0.00073
	7/23/15	**0.09290**	**0.02220**	**0.00200**	**0.00330**	**0.12040**	<0.00073
	10/22/15	**0.00039 J**	**<0.00016**	**0.00200**	**0.00055 J**	**0.00294**	<0.00073
	1/20/16	**0.00044 J**	**0.00028 J**	**0.00310**	**0.00066 J**	**0.00448**	<0.00073
	4/20/16	**0.00057**	**0.00036 J**	**0.00270**	**0.00100**	**0.00463**	<0.00073
	7/13/16	**0.00038 J**	**0.00032 J**	**0.00160**	**0.00066 J**	**0.00296**	<0.00035
	10/24/16	**0.00027 J**	<0.00023	**0.00160**	<0.00021	**0.00187**	<0.0010
	1/24/17	**0.00024 J**	<0.00023	**0.00086 J**	<0.00021	**0.00110**	<0.0010
	4/20/17	<0.00014	<0.00023	**0.00130**	0.00045 J	**0.00175**	<0.0010
	7/25/17	0.00045 J	0.00059 J	**0.00180**	0.00110	**0.00394**	<0.0010
	10/30/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/9/18	**0.00031**	<0.00025	**0.00130**	<0.00022	**0.00161**	<0.0010
	4/20/18	**0.00039 J**	**0.00025 J**	**0.00200**	**0.00050 J**	**0.00314**	<0.0010
	7/26/18	<0.00043	<0.00053	**0.0008 J**	<0.00059	**0.00080**	<0.0010

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX - 4	7/1/95	<0.001	**0.49900**	**0.55500**	**2.26000**	**3.31400**	<0.001
	10/1/95	**0.06400**	**0.00700**	**0.18900**	**0.15300**	**0.41300**	<0.001
	1/1/96	**0.00400**	**0.07300**	**0.07800**	**0.32900**	**0.48400**	<0.001
	4/1/96	**0.00400**	**0.02000**	<0.001	**2.73500**	**2.75900**	<0.001
	7/1/96	<0.001	**0.00300**	**0.00500**	**0.03700**	**0.04500**	<0.001
	10/1/96	**0.00200**	**0.00700**	<0.001	**0.18400**	**0.19300**	<0.001
	1/1/97	NS	NS	NS	NS	NA	NS
	4/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/98	<0.001	**0.01000**	**0.00100**	**0.01500**	**0.02600**	<0.001
	4/1/98	NS	NS	NS	NS	NA	NS
	7/22/98	<0.001	<0.001	<0.001	**0.00200**	**0.00200**	<0.001
	10/1/98	NS	NS	NS	NS	NA	NS
	1/1/99	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	4/1/99	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	8/1/99	<0.001	**0.00400**	**0.00200**	**0.00700**	**0.01300**	<0.001
	11/1/99	<0.001	**0.00200**	<0.001	**0.00300**	**0.00500**	<0.001
	2/1/00	<0.001	<0.001	**0.00400**	**0.00500**	**0.00900**	<0.001
	5/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/00	<0.001	<0.001	**0.00100**	<0.003	<MDL	<0.001
	11/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/01	<0.001	<0.001	**0.00200**	**0.00200**	**0.00400**	<0.001
	5/1/01	**0.00900**	**0.02200**	**0.11000**	**0.67000**	**0.81100**	<0.001
	8/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/30/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/2/02	<0.001	<0.001	**0.00100**	<0.003	**0.00100**	<0.001
	5/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/02	NS	NS	NS	NS	NS	NS
	11/2/02	<0.001	**0.02100**	<0.001	**0.01000**	**0.03100**	<0.001
	3/26/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/26/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	12/30/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/04	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/04	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/18/04	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/19/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	7/26/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	11/15/05	<0.001	**0.00130**	**0.00056**	**0.00250**	**0.00440**	<0.002
	3/30/06	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/19/06	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/6/06	<0.001	**0.00210**	**0.00250**	**0.01420**	**0.01880**	<0.002
	1/7/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/1/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	9/25/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	1/3/08	NS (7)	NS (7)	NS (7)	NS (7)	NS (7)	NS (7)
	3/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/29/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/10/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/16/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/22/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX - 4	3/19/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/17/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	10/4/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	7/7/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	8/31/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	11/17/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	3/20/12	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	6/1/12	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	9/1/12	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	1/3/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	3/27/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	6/17/13	<0.00024	**0.00083 J**	<0.00024	**0.00010**	**0.00093**	<0.0007
	10/4/13	<0.00028	<0.00021	**0.00140**	<0.00019	**0.00140**	<0.00086
	11/25/13	<0.00028	<0.00044	<0.00021	**0.00063 J**	**0.00063**	<0.00086
	1/14/14	<0.00028	<0.00023	<0.00021	<0.00019	<0.00024	<0.00086
	4/10/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/10/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/17/14	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/22/15	<0.00021	<0.00022	<0.00031	**0.004**	**0.004**	<0.00089
	4/16/15	<0.00024	**0.0031**	**0.002**	**0.218**	**0.2227**	<0.00073
	7/23/15	**0.00026 J**	**0.00021 J**	<0.00027	**0.002**	**0.0020**	<0.00073
	10/22/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/21/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/13/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/24/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	1/25/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	4/20/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	7/25/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/30/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/9/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/20/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/26/18	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
A - 11	7/1/95	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/95	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/96	<0.001	**0.00200**	<0.001	**0.00430**	**0.00630**	<0.001
	4/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/96	<0.001	**0.00300**	<0.001	<0.003	**0.00300**	<0.001
	1/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/97	<0.001	<0.001	**0.01800**	<0.003	**0.01800**	<0.001
	1/1/98	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/98	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	7/22/98	<0.001	<0.001	<0.001	**0.00300**	**0.00300**	<0.001
	10/1/98	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	1/1/99	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	4/1/99	<0.001	**0.00500**	**0.00800**	**0.01900**	**0.01000**	<0.001
	8/1/99	<0.001	<0.001	<0.001	<MDL	<MDL	<0.001
	11/1/99	<0.001	**0.00200**	<0.001	**0.00500**	**0.00700**	<0.001
	2/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/1/00	<0.001	**0.00200**	**0.00500**	**0.04700**	**0.05400**	<0.001
	2/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/30/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/26/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/26/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/03	<0.001	**0.00300**	<0.001	<0.003	**0.00300**	<0.001
	12/30/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/04	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/04	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/18/04	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/19/05	<0.001	**0.00065**	<0.001	<0.001	**0.00065**	<0.002
	7/26/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	11/15/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	3/29/06	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/19/06	<0.001	<0.001	<0.001	**0.00042**	**0.00042**	<0.002
	10/6/06	<0.001	**0.00140**	**0.00230**	**0.01390**	**0.01760**	<0.002
	1/7/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/1/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	9/25/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	1/3/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/29/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/09	<0.001	<0.001	<0.001	**0.00093 J**	**0.00093**	<0.002
	6/10/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/16/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	Dec-09 [8]	NS	NS	NS	NS	NS	NS

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
A - 11	3/19/10	<0.005	**0.03300**	**0.22900**	**1.85000**	**2.11200**	<0.010
	6/17/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	10/4/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/10	<0.001	<0.001	<0.001	**0.00032**	<0.001	<0.002
	3/8/11	<0.001	<0.001	<0.001	**0.00043**	**0.00043**	<0.002
	7/7/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	9/1/11	<0.00022	**0.00030 J**	**0.00940**	**0.15300**	**0.16270**	<0.0002
	11/18/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	3/20/12	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	6/1/12	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	9/1/12	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	1/3/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	3/27/13	<0.00024	<0.00023	<0.00023	**0.00063 J**	**0.00063**	<0.0007
	6/17/13	<0.00024	**0.00035 J**	<0.00023	**0.00063 J**	**0.00098**	<0.0007
	10/4/13	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	11/26/13	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	1/17/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	4/11/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/11/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/17/14	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/23/15	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/27/15	<0.00024	**0.00027 J**	<0.00027	**0.00050 J**	**0.00077**	<0.00073
	7/22/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/22/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/21/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/16	<0.00024	<0.00016	<0.00027	**0.00040 J**	**0.00040**	<0.00073
	7/15/16	Dry - Not Sampled					
	10/25/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	1/25/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	4/21/17	<0.00014	<0.00023	<0.00020	**0.00063 J**	**0.00063**	<0.001
	7/26/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/31/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/10/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/20/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/27/18	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
A - 23	7/1/95	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/95	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/96	<0.001	**0.00300**	<0.001	<0.003	**0.00300**	<0.001
	1/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/98	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/98	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	7/22/98	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/98	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	1/1/99	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	4/1/99	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	8/1/99	<0.001	<0.001	<0.001	<MDL	<MDL	<0.001
	11/1/99	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/30/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/02	NS	NS	NS	NS	NS	NS
	11/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/26/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/26/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	12/30/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/04	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/04	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/18/04	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/19/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	7/27/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	11/15/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	3/29/06	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/19/06	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/6/06	<0.001	**0.00110**	**0.00130**	**0.00780**	**0.01020**	<0.002
	1/7/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/1/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	9/25/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	1/3/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/29/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/10/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/16/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	Dec-09 [8]	NS	NS	NS	NS	NS	NS

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
A - 23	3/19/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/17/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	10/4/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	7/8/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	9/1/11	<0.00022	<0.00015	<0.00021	**0.00040 J**	**0.00040**	<0.0002
	11/17/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	3/19/12	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	6/1/12	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	9/1/12	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	1/3/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	3/27/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	6/17/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	10/4/13	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	11/25/13	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	1/17/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	4/11/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/11/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/17/14	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/23/15	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/16/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/22/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/22/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/21/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/15/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/25/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	1/24/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	4/21/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	7/26/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/31/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/10/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/20/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/27/18	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
SW - 4	7/1/95	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/95	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/96	<0.001	**0.00300**	<0.001	<0.003	**0.00300**	<0.001
	1/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/98	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/98	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	7/22/98	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/98	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	1/1/99	<0.001	<0.001	<0.001	**0.00500**	**0.00500**	<0.001
	4/1/99	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	8/1/99	<0.001	<0.001	<0.001	<MDL	<MDL	<0.001
	11/1/99	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/30/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/26/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/26/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	12/30/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/04	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/04	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/18/04	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/19/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	7/27/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	11/15/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	3/29/06	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/19/06	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/6/06	<0.001	**0.00077 J**	**0.00075 J**	**0.00420**	**0.00572**	<0.002
	1/7/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/1/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	9/25/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	1/3/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/29/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/10/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/16/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/22/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
SW - 4	3/19/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/17/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	10/4/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	7/8/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	9/1/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	11/18/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	3/19/12	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	6/1/12	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	9/1/12	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	1/3/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	3/27/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	6/17/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	10/4/13	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	11/26/13	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	1/17/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	4/11/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/11/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/16/14	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/23/15	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/17/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/22/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/23/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/21/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/21/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/15/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/25/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	1/25/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	4/20/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	7/26/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/31/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/10/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/20/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/27/18	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
SW - 5	7/1/95	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/95	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/96	<0.001	**0.00400**	<0.001	**0.00500**	**0.00900**	<0.001
	1/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/98	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/98	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	7/22/98	<0.001	<0.001	<0.001	<0.003	<MDL	**0.002**
	10/1/98	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	1/1/99	<0.001	<0.001	<0.001	**0.00800**	**0.00800**	<0.001
	4/1/99	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	8/1/99	<0.001	<0.001	<0.001	<MDL	<MDL	<0.001
	11/1/99	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/1/00	<0.001	**0.00200**	**0.00300**	**0.02600**	**0.03100**	<0.001
	2/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/30/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/26/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/26/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	12/30/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/04	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/04	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/18/04	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/19/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	7/27/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	11/15/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	3/28/06	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/19/06	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/6/06	<0.001	**0.00036 J**	**0.00029 J**	**0.00069 J**	**0.00134**	<0.002
	1/7/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/1/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	9/25/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	1/3/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/29/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/10/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/16/09	<0.001	<0.001	<0.001	0.0011	<0.001	<0.002
	12/22/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
SW - 5	3/19/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/17/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	10/4/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	7/8/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	9/1/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	11/18/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	3/19/12	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	6/1/12	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	9/1/12	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	1/3/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	3/27/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	6/17/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	10/4/13	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	11/25/13	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	1/17/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	4/11/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/11/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/17/14	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/23/15	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/17/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/22/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/23/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/21/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/21/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/15/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/25/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	1/25/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	4/21/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	7/26/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/31/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/10/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/20/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/27/18	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
SW - 6	7/1/95	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/95	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/96	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/96	<0.001	**0.005**	<0.001	**0.005**	**0.010**	<0.001
	1/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/97	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/98	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/98	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	7/22/98	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/98	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	1/1/99	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	4/1/99	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	8/1/99	<0.001	<0.001	<0.001	<MDL	<MDL	<0.001
	11/1/99	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/1/99	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/00	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/1/00	<0.001	**0.003**	**0.004**	**0.034**	**0.041**	<0.001
	2/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/30/01	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/2/02	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/26/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/26/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	12/30/03	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/04	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/04	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/18/04	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/19/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	7/27/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	11/15/05	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	3/28/06	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/19/06	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/6/06	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	1/7/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/1/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	9/25/07	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	1/3/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/10/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/16/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
SW - 6	12/22/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/17/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	10/4/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	7/8/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	9/1/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	11/18/11	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	3/19/12	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	6/1/12	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	9/12/12	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	1/3/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	3/27/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	6/17/13	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	10/4/13	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	11/26/13	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	1/17/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	4/11/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/11/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/16/14	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/23/15	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/17/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/22/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/23/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/21/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/21/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/15/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/25/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	1/25/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	4/21/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	7/26/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/31/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/10/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/20/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/27/18	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
WP - 5A	11/21/11	<0.00024	**0.0093 J**	**1.62000**	**19.4000**	**21.0293**	<0.0007
	3/20/12	<0.00044	**0.0145 J**	**0.70300**	**6.1700**	**6.8875**	<0.0040
	9/25/12	<0.00024	**0.01190**	**1.08000**	**6.8400**	**7.9319**	<0.0007
	1/17/03	<0.00012	**0.01450**	**0.30700**	**4.2100**	**4.5315**	<0.0035
	3/27/13	<0.00024	**0.02670**	**0.60700**	**10.7000**	**11.3337**	<0.0070
	6/17/13	<0.00024	**0.00880**	**0.09580**	**1.0800**	**1.1846**	<0.0070
	10/4/13	<0.00028	**0.02500**	**0.00140**	**0.1230**	**0.1494**	<0.00086
	11/26/13	<0.00028	**0.00110**	**0.08720**	**2.1100**	**2.1983**	<0.00086
	1/17/14	<0.00028	**0.00496**	**0.16900**	**2.6800**	**2.8540**	<0.00086
	4/11/14	<0.0014	<0.0022	**0.25000**	**2.3700**	**2.6200**	<0.0043
	7/11/14	<0.0028	<0.0044	**0.06940**	**2.5800**	**2.6494**	<0.00086
	10/17/14	<0.00021	**0.00044 J**	**0.00250**	**0.5250**	**0.5279**	<0.00089
	1/23/15	<0.00021	**0.00390**	**0.76100**	**4.3800**	**5.1449**	<0.00089
	4/17/15	<0.0047	**0.0091 J**	**1.41000**	**9.6800**	**11.0991**	<0.015
	7/22/15	<0.00024	**0.00045 J**	**0.01970**	**0.3510**	**0.3712**	<0.00073
	10/23/15	<0.00024	**0.00035 J**	**0.10200**	**0.2960**	**0.3984**	<0.00073
	1/21/16	<0.00024	**0.00035 J**	**0.13900**	**0.4920**	**0.6314**	<0.00073
	4/20/16	<0.0012	<0.00081	**0.78200**	**3.1300**	**3.9120**	<0.0036
	7/15/16	<0.00014	**0.00140**	**0.13800**	**0.3470**	**0.4864**	<0.00035
	10/25/16	<0.00015	**0.00026 J**	**0.12600**	**0.0558**	**0.1821**	<0.001
	1/25/17	<0.00035	<0.00057	**0.53200**	**1.5700**	**2.1020**	<0.0025
	4/21/17	<0.00014	**0.00060 J**	**0.18700**	**0.4480**	**0.6356**	<0.001
	7/26/17	<0.00017	<0.00025	**0.20700**	**0.4130**	**0.6200**	<0.0010
	10/31/17	**0.00036 J**	**0.00035 J**	**0.13300**	**0.3910**	**0.5247**	<0.0010
	1/10/18	<0.00017	<0.00025	**0.07440**	**0.1230**	**0.1974**	<0.0010
	4/19/18	<0.00017	**0.0093 J**	**1.72000**	**8.7400**	**10.4693**	<0.010
	8/14/18	<0.00043	<0.00053	**0.13700**	**0.02100**	**0.1580**	<0.0010

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX - 5	10/4/13	<0.00028	**0.00034 J**	<0.00044	**0.00210**	**0.00244**	<0.00086
	11/25/13	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	1/17/14	<0.00028	<0.00044	<0.00021	**0.00045 J**	**0.00045**	<0.00086
	4/10/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/10/14	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/16/14	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/22/15	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/17/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/22/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/22/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/20/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/13/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/24/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	1/24/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	4/20/17	<0.00014	<0.00023	**0.00022 J**	**0.00067 J**	**0.00089**	<0.0010
	7/26/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/30/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/9/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/19/18	<0.00017	**0.00084 J**	**0.00160**	**0.01550**	**0.01794**	<0.0010
	7/26/18	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX - 6	10/4/13	<0.00028	**0.03650**	<0.00044	**0.12800**	**0.16450**	<0.00086
	11/25/13	<0.00028	**0.00170**	**0.04020**	**0.19000**	**0.23190**	<0.00086
	1/17/14	<0.00028	<0.00044	**0.12100**	**0.40100**	**0.52200**	<0.00086
	4/10/14	<0.00028	<0.00044	**0.05580**	**0.10300**	**0.15880**	<0.00086
	7/10/14	<0.00028	<0.00044	**0.02320**	**0.03050**	**0.05370**	<0.00086
	10/16/14	<0.00021	<0.00022	**0.00680**	**0.00930**	**0.01610**	<0.00089
	1/22/15	<0.00021	<0.00022	**0.00570**	**0.00730**	**0.01300**	<0.00089
	4/17/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/22/15	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/22/15	<0.00024	<0.00016	**0.00047 J**	**0.00040 J**	**0.00087**	<0.00073
	1/20/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/16	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/13/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/24/16	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	1/24/17	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	4/20/17	<0.00014	<0.00023	**0.00045 J**	<0.00021	**0.00045**	<0.0010
	7/25/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/30/17	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/9/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/19/18	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/26/18	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010

TABLE 4
Historical Groundwater Quality Data
Recovery Wells and Regular Monitoring Points
Shore Realty/Glenwood Landing Superfund Site

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX - 7	10/4/13	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	11/25/13	<0.00028	<0.00044	**0.09760**	**1.44000**	**1.53760**	<0.00086
	1/17/14	<0.00028	**0.01570**	**0.08280**	**0.57000**	**0.66850**	<0.00086
	4/10/14	<0.00028	**0.08090**	**0.39200**	**3.21000**	**3.68290**	<0.00086
	7/10/14	<0.0028	<0.0044	**0.38800**	**3.52000**	**3.90800**	<0.00086
	10/16/14	<0.00021	**0.00042 J**	**0.02420**	**0.38100**	**0.40562**	<0.00089
	1/22/15	<0.00021	**0.00025 J**	**0.01480**	**0.24200**	**0.25705**	<0.00089
	4/16/15	<0.0012	**0.05380**	**0.45700**	**2.73000**	**3.24080**	<0.00073
	7/23/15	<0.00024	**0.00150**	**0.08650**	**0.56100**	**0.64900**	<0.00073
	10/22/15	<0.0012	<0.081	**0.15400**	**1.36000**	**1.51400**	<0.0036
	1/20/16	<0.00024	**0.0013**	**0.02640**	**0.10500**	**0.1327**	<0.00073
	4/20/16	<0.0012	**0.01230**	**0.18600**	**1.39000**	**1.58830**	<0.0036
	7/13/16	<0.00014	**0.00082 J**	**0.05720**	**0.27200**	**0.33002**	<0.00035
	10/24/16	<0.00014	**0.00110**	**0.03500**	**0.38900**	**0.42510**	<0.0010
	1/24/17	<0.00014	<0.00023	<0.00020	**0.00077 J**	**0.00077**	<0.0010
	4/20/17	<0.00014	**0.01240**	**0.28500**	**2.52000**	**2.81740**	<0.001
	7/25/17	<0.00044	<0.00062	**0.20200**	**2.40000**	**2.60262**	<0.0025
	10/30/17	**0.00017J**	<0.00025	**0.00020**	**0.97100**	**0.97137**	<0.0010
	1/9/18	<0.00017	<0.00025	**0.04860**	**0.65800**	**0.70660**	<0.0010
	4/19/18	<0.00017	**0.00780**	**0.14400**	**0.88300**	**1.03480**	<0.0010
	7/26/18	<0.00043	<0.00053	**0.04980**	**0.58900**	**0.63880**	<0.0010

Note:
(1) NS - Not Sampled
(2) NA - Not Applicable
(3) mg/L - Milligrams Per Liter
(4) <MDL - Less Than Method Detection Limit
(5) J - Estimated Value. Parameter measured at concentration below the laboratory reporting limit
(6) RL - Laboratory Reporting Limit
(7) Not sampled- Well box inaccessible due to flooding of lot.
(8) Not sampled- Well box inaccessible due to ice.

TABLE 5
Historical Groundwater Microbial Enumeration Data
AES Shore Realty Site, Glenwood Landing, New York

Sample Location	Sample Parameter (CFU/ml)	MONITORING PERIOD										
		1995		1996					1997			
		Jul	Oct	Jan	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct
GX-1	Total Heterotrophs	<100	610	1,350	2,000	260,000	210,000	<100	-	9	-	200
	VOC Degraders	<100	-	120	<100	15,000	15,000	<100	-	-	-	10
GX-2	Total Heterotrophs	<100	410	140	<100	120,000	185,000	500	-	300	-	0
	VOC Degraders	<100	-	140	<100	<5,000	10,000	120	-	-	-	0
GX-3	Total Heterotrophs	-	-	-	-	-	105,000	7,000	-	140	-	200
	VOC Degraders	-	-	-	-	-	<5,000	100	-	-	-	20
GX-4	Total Heterotrophs	140,000	220	50	117,700	95,000	95,000	4,400	-	280	-	400
	VOC Degraders	2,400	-	<100	700	<5,000	10,000	30	-	-	-	20
A-11	Total Heterotrophs	457,000	310	230	3,600	40,000	25,000	50,000	-	160	-	800
	VOC Degraders	107,700	-	360	370	<5,000	<5,000	320	-	-	-	20
A-23	Total Heterotrophs	227,000	40	1,250	5,300	85,000	50,000	2,100	-	80	-	300
	VOC Degraders	73,700	-	170	<100	5,000	<5,000	40	-	-	-	10
SW-6	Total Heterotrophs	11,000	1,020	8,400	26,000	110,000	280,000	300	-	0	-	1,000
	VOC Degraders	400	-	450	1,600	15,000	15,000	20	-	-	-	50

Note:
(1) Redundant analytical data collected during January 1997 for laboratory comparison.
(2) CFU/ml - Colony Forming Unit Per Milliliter
(3) Microbial Enumeration was suspened in the first quarter of 1998.

TABLE 6
Historical In-Situ Indicator Parameters
AES Shore Realty Site, Glenwood Landing, New York

Sample Location	Sample Parameter	MONITORING PERIOD												
		1995						1996						
		Baseline	Jul	Aug	Sep	Oct	Nov	Jan	Feb	Mar	Apr	May	Jul	Oct
GX-0	pH (su)	7.1	7.1	6.8	-	-	6.9	6.9	6.7	-	-	7.0	0.0	6.8
	Dissolved Oxygen (mg/L)	12.45	2.10	5.64	-	-	2.07	5.20	9.95	-	0.35	3.75	5.00	1.90
GX-1	pH (su)	6.7	6.8	6.0	7.0	6.9	7.1	6.6	6.6	6.6	6.6	6.9	0.0	6.8
	Dissolved Oxygen (mg/L)	13.52	2.11	1.55	1.85	3.42	3.20	1.89	1.73	4.25	-	1.43	6.00	1.22
GX-2	pH (su)	6.8	6.9	6.2	7.3	-	7.2	6.8	6.7	6.4	6.5	7.0	0.0	6.7
	Dissolved Oxygen (mg/L)	14.49	1.65	1.25	2.40	-	1.50	6.25	2.80	2.44	-	1.31	0.00	1.32
GX-3	pH (su)	6.8	7.1	6.3	7.3	-	7.3	6.7	6.6	6.4	6.5	6.6	0.0	6.6
	Dissolved Oxygen (mg/L)	10.57	2.58	1.00	2.08	-	2.25	4.40	3.75	3.28	1.65	1.03	9.50	1.25
GX-4	pH (su)	7.0	7.3	6.4	7.7	-	7.3	7.0	6.7	6.6	6.7	6.9	0.0	6.7
	Dissolved Oxygen (mg/L)	10.92	1.83	1.14	0.92	-	1.44	3.25	3.00	4.80	2.55	1.82	9.00	1.34
A-11	pH (su)	6.2	7.1	6.2	7.0	7.0	7.0	7.5	7.4	7.3	7.4	7.4	NA	7.3
	Dissolved Oxygen (mg/L)	10.20	9.33	14.45	10.95	11.78	10.83	11.90	12.30	10.35	12.60	11.20	NA	11.29
A-23	pH (su)	6.5	7.7	6.7	7.4	7.1	7.1	7.1	7.6	7.6	7.7	7.6	0.0	7.4
	Dissolved Oxygen (mg/L)	14.19	10.68	14.25	12.70	11.25	11.70	12.25	13.30	11.00	12.40	11.69	0.31	11.00
SW-2	pH (su)	6.4	7.1	6.0	6.8	6.6	6.9	6.6	6.3	6.4	6.9	6.9	0.0	7.1
	Dissolved Oxygen (mg/L)	7.30	8.83	9.80	8.15	7.94	8.65	8.85	-	9.35	9.60	8.32	9.00	8.45
SW-4	pH (su)	6.4	7.4	6.3	6.6	7.1	6.7	6.5	6.6	6.5	6.9	7.1	0.0	7.2
	Dissolved Oxygen (mg/L)	11.20	8.85	9.97	10.25	9.35	9.95	10.40	10.95	10.05	10.80	8.98	9.00	9.45
SW-5	pH (su)	6.4	7.2	6.0	6.5	7.1	6.7	6.7	7.0	6.6	6.5	7.1	0.0	7.0
	Dissolved Oxygen (mg/L)	12.60	9.05	10.20	9.75	9.25	10.25	10.05	10.36	9.80	10.45	9.37	1.00	9.50
SW-6	pH (su)	6.3	7.3	6.3	6.6	6.9	6.8	6.5	6.5	6.5	6.4	6.9	6.5	6.9
	Dissolved Oxygen (mg/L)	11.40	9.11	11.39	9.55	8.42	7.94	7.65	9.65	8.95	7.60	8.68	8.85	8.88

Note:
(1) su - Standard Units
(2) mg/L - Milligrams Per Liter

Sample Location	Sample Parameter	MONITORING PERIOD											
		1997				1998				1999			
		Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Aug	Nov
GX-0	pH (su)	6.9	-	6.7	-	6.7	-	7.70	6.8	6.9	6.70	6.70	6.5
	Dissolved Oxygen (mg/L)	4.25	-	1.55	3.72	3.2	-	2.40	2.7	5.3	4.00	2.40	5.12
GX-1	pH (su)	6.9	6.7	6.6	7.1	6.7	7.0	7.3	6.7	6.9	6.5	6.7	6.5
	Dissolved Oxygen (mg/L)	5.39	3.59	2.72	2.94	2.9	2.45	1.20	1.35	4.2	1.68	0.50	11.88
GX-2	pH (su)	6.8	6.9	6.8	6.8	6.6	6.7	7.0	6.7	6.8	6.8	7.2	6.5
	Dissolved Oxygen (mg/L)	2.62	2.18	1.57	0.78	2.2	3.25	1.70	1.9	4.0	3.99	1.90	0.16
GX-3	pH (su)	6.7	6.8	6.7	7	6.3	6.5	7.7	6.8	6.6	6.8	7.4	7
	Dissolved Oxygen (mg/L)	3.39	1.40	2.35	1.4	3.3	3.95	5.15	2.44	4.2	3.17	0.40	0.37
GX-4	pH (su)	-	6.6	6.8	6.9	-	-	7.80	-	7.1	6.90	6.90	6.5
	Dissolved Oxygen (mg/L)	-	3.15	2.15	1.89	-	-	3.70	-	5.6	4.03	1.45	1.13
A-11	pH (su)	7.4	7.2	7.0	6.9	6.7	7.2	7.0	6.9	7.4	6.9	6.8	6
	Dissolved Oxygen (mg/L)	12.08	4.57	13.55	12.45	10.6	12.95	0.30	12.02	12.1	10.40	7.90	8.9
A-23	pH (su)	7.3	7.0	7.1	7.1	6.8	7.7	6.9	7.1	7.6	6.9	7.1	7
	Dissolved Oxygen (mg/L)	11.25	10.55	12.85	12.15	13.1	11.60	9.25	3.62	11.2	10.55	9.92	11.57
SW-2	pH (su)	-	-	-	7.0	6.9	6.8	6.5	7	7.1	7.0	7.3	-
	Dissolved Oxygen (mg/L)	8.88	9.40	7.85	8.65	9.8	9.55	6.85	8.66	9.5	9.35	7.70	-
SW-4	pH (su)	6.8	6.7	6.9	6.9	7.0	6.8	6.9	6.9	6.9	7.2	6.0	6.0
	Dissolved Oxygen (mg/L)	10.45	10.03	8.75	9.4	11.5	12.35	9.26	9.53	10.4	10.21	8.20	10.81
SW-5	pH (su)	6.5	6.8	6.7	7	7.1	6.4	7.0	7	7.3	7.1	6.2	6
	Dissolved Oxygen (mg/L)	10.04	9.55	9.45	9.28	10.5	9.90	9.06	9.1	10.8	9.30	8.30	10.55
SW-6	pH (su)	6.6	6.7	6.7	6.9	7.0	6.6	6.5	6.9	7.4	7.0	6.1	6.0
	Dissolved Oxygen (mg/L)	9.12	8.65	10.2	8.85	9.0	8.25	9.55	8.4	9.9	8.57	6.50	9.9

Note:
(1) su - Standard Units
(2) mg/L - Milligrams Per Liter

TABLE 6
Historical In-Situ Indicator Parameters
AES Shore Realty Site, Glenwood Landing, New York

Sample Location	Sample Parameter	MONITORING PERIOD											
		2000				2001				2002			
		Jan	May	Aug	Nov	Feb	May	Aug	Nov	Feb	May	Aug	Nov
GX-0	pH (su)	7.6	-	-	-	6.0	6.0	7.2	6.9	6.9	5.0	3.0	7.3
	Dissolved Oxygen (mg/L)	5.06	-	-	-	6.13	0.88	5.69	2.59	3.32	1.98	3.30	2.81
GX-1	pH (su)	6.5	7.9	6.7	6.6	7.0	7.0	-	-	-	3.0	3.0	7.2
	Dissolved Oxygen (mg/L)	0.85	7.49	1.07	-	9.20	0.49	-	-	-	2.35	2.91	2.50
GX-2	pH (su)	6.8	6.7	6.7	6.5	6.0	7.0	7.1	6.7	6.8	5.0	4.0	7.7
	Dissolved Oxygen (mg/L)	1.55	0.28	1.6	-	4.50	2.38	2.79	0.62	2.21	2.28	3.36	2.32
GX-3	pH (su)	6.9	6.6	6.5	6.7	7.0	7.0	6.9	6.8	6.8	3.0	3.0	7.1
	Dissolved Oxygen (mg/L)	0.53	0.20	0.82	-	1.51	0.85	3.44	########	1.87	2.45	1.39	########
GX-4	pH (su)	7.1	7.7	7.0	6.9	7.0	7.0	7.2	6.4	6.8	6.0	3.0	6.6
	Dissolved Oxygen (mg/L)	1.97	1.18	0.72	10.4	7.43	3.56	2.93	2.1	1.94	2.11	2.11	2.17
A-11	pH (su)	7.1	8.3	8.2	8.0	6.0	6.0	5.5	6.8	7.0	5.0	3.0	6.9
	Dissolved Oxygen (mg/L)	3.54	8.42	0.61	9.92	3.93	5.66	3.22	8.89	2.87	2.25	2.65	6.36
A-23	pH (su)	7.1	-	-	-	6.0	6.0	7.1	6.8	6.9	3.0	2.0	7.4
	Dissolved Oxygen (mg/L)	8.32	8.42	0.91	-	11.52	6.85	3.76	8.34	2.65	2.15	3.31	7.17
SW-2	pH (su)	7.3	8.2	-	-	6.0	6.0	5.5	6.0	6.8	5.0	3.0	7.2
	Dissolved Oxygen (mg/L)	5.65	7.68	-	-	6.89	5.85	3.91	6.14	3.21	2.73	3.30	6.15
SW-4	pH (su)	6.5	8.2	6.6	6.9	6.0	6.0	6.0	6.7	7.3	5.0	2.0	6.2
	Dissolved Oxygen (mg/L)	6.61	8.13	0.88	10.1	7.59	6.91	3.12	6.7	3.35	2.95	2.21	6.07
SW-5	pH (su)	5.5	8.3	7.8	7.1	6.0	6.0	7.1	6.6	6.9	6.0	3.0	6.2
	Dissolved Oxygen (mg/L)	6.59	8.29	0.66	10.25	7.75	5.11	3.08	6.51	2.74	3.10	2.4	5.30
SW-6	pH (su)	6.9	8.7	8.1	6.7	7.0	6.0	6.8	6.9	6.7	3.0	3.0	6.3
	Dissolved Oxygen (mg/L)	5.84	7.95	0.72	9.08	8.18	8.49	2.64	5.47	2.55	3.05	2.75	6.21

Note:
(1) su - Standard Units
(2) mg/L - Milligrams Per Liter

Sample Location	Sample Parameter	MONITORING PERIOD										
		2003				2004				2005		
		March	June	Sept	Dec	March	June	Sept	Dec	April	July	Nov
GX-0	pH (su)	7.8	7.3	-	-	-	7.7	6.4	-	7.0	7.2	7.6
	Dissolved Oxygen (mg/L)	4.24	0.6	-	-	-	0.86	3.21	-	1.06	0.16	0.37
GX-1	pH (su)	7.1	6.9	7.0	6.8	7.2	7.3	6.8	-	7.0	8.5	7.7
	Dissolved Oxygen (mg/L)	2.94	0.3	1.0	0.9	3.72	3.32	0.94	-	0.22	0.08	0.56
GX-2	pH (su)	7.0	7.3	7.1	7.1	6.5	7.2	6.4	-	6.6	7.0	7.5
	Dissolved Oxygen (mg/L)	3.90	0.4	1.0	1.0	2.75	0.51	1.52	-	0.27	0.09	0.05
GX-3	pH (su)	7.1	6.9	6.5	6.7	6.8	7.3	-	-	7.9	7.1	7.7
	Dissolved Oxygen (mg/L)	2.70	0.3	1.0	0.8	3.82	0.76	0.56	-	0.26	0.08	0.07
GX-4	pH (su)	7.8	8.0	7.4	7.3	6.8	7.2	-	-	6.8	6.8	7.8
	Dissolved Oxygen (mg/L)	1.63	0.5	1.0	1.1	4.90	0.86	2.68	-	0.28	0.10	0.03
A-11	pH (su)	7.1	7.2	7.2	7.0	7.4	6.1	6.4	-	6.6	6.0	7.4
	Dissolved Oxygen (mg/L)	7.86	1.4	1.0	0.9	7.92	9.08	0.83	-	0.20	3.82	4.19
A-23	pH (su)	7.1	7.7	7.3	7.5	7.2	6.8	5.9	-	7.0	6.7	8.0
	Dissolved Oxygen (mg/L)	5.21	1.7	2.0	1.4	6.70	8.83	5.09	-	3.25	3.96	6.67
SW-2	pH (su)	6.7	7.5	7.0	6.9	-	6.2	5.5	-	6.1	6.0	6.6
	Dissolved Oxygen (mg/L)	3.90	1.2	1.00	0.6	-	9.17	4.40	-	5.73	2.83	5.21
SW-4	pH (su)	7.2	6.9	6.5	7.1	6.2	6.2	5.6	-	6.0	5.7	6.5
	Dissolved Oxygen (mg/L)	5.93	1.1	1.0	1.0	6.12	5.76	5.90	-	4.23	3.94	5.58
SW-5	pH (su)	6.8	6.2	6.4	6.4	5.8	6.2	5.9	-	6.0	5.4	6.4
	Dissolved Oxygen (mg/L)	5.90	1.2	3.0	2.1	6.24	9.13	1.37	-	5.10	4.38	4.78
SW-6	pH (su)	6.5	6.5	6.5	6.8	5.8	6.2	6.0	-	5.9	5.4	6.6
	Dissolved Oxygen (mg/L)	4.52	1.0	13.0	2.5	4.88	6.50	4.65	-	4.25	4.62	4.76

Note:
(1) su - Standard Units
(2) mg/L - Milligrams Per Liter

TABLE 6
Historical In-Situ Indicator Parameters
AES Shore Realty Site, Glenwood Landing, New York

Sample Location	Sample Parameter	MONITORING PERIOD											
		2006				2007				2008			
		March	June	Sept	Dec	Jan	June	Sept	Jan	March	June	Sept	Nov
GX-0	pH (su)	-	7.21	-	-	-	-	-	†	7.05	-	6.26	6.76
	Dissolved Oxygen (mg/L)	-	0.78	-	-	-	-	-	†	6.60	-	2.69	0.81
GX-1	pH (su)	7.27	6.97	7.42	7.32	6.70	7.05	6.56	6.81	7.27	6.96	6.48	6.49
	Dissolved Oxygen (mg/L)	4.01	0.80	0.12	8.54	3.34	1.93	5.33	6.01	6.66	*	1.19	0.37
GX-2	pH (su)	6.51	8.35	7.86	6.65	6.14	6.29	6.17	6.97	6.85	6.20	6.41	6.54
	Dissolved Oxygen (mg/L)	0.29	0.90	0.31	2.68	0.30	3.71	1.27	3.18	1.45	*	5.48	1.42
GX-3	pH (su)	7.35	7.45	7.05	6.72	7.18	6.90	6.60	7.29	7.09	7.04	6.54	6.63
	Dissolved Oxygen (mg/L)	0.67	0.80	0.29	1.94	11.18	2.33	4.76	1.93	0.39	*	1.45	0.28
GX-4	pH (su)	6.71	7.51	7.11	6.59	7.12	6.77	6.90	†	6.48	6.78	6.75	6.79
	Dissolved Oxygen (mg/L)	3.13	0.65	0.86	4.12	4.12	4.93	3.58	†	11.05	*	7.27	1.29
A-11	pH (su)	6.68	7.25	7.45	6.67	6.62	6.21	5.80	6.8	6.74	6.33	5.97	6.40
	Dissolved Oxygen (mg/L)	8.13	10.46	9.98	5.51	8.76	8.93	8.55	10.61	5.55	11.45	8.83	6.52
A-23	pH (su)	6.91	7.90	6.81	7.33	7.20	6.56	7.01	7.1	7.09	7.32	6.70	7.26
	Dissolved Oxygen (mg/L)	8.12	9.87	8.29	12.59	13.14	13.44	9.89	13.32	14.00	14.67	10.54	7.38
SW-2	pH (su)	-	8.40	-	-	-	-	-	7.30	6.39	-	6.34	5.96
	Dissolved Oxygen (mg/L)	-	7.62	-	-	-	-	-	6.56	6.56	-	5.88	4.02
SW-4	pH (su)	5.38	8.29	6.81	5.73	6.15	5.69	5.77	6.2	6.04	5.40	5.61	5.51
	Dissolved Oxygen (mg/L)	7.28	10.19	9.07	9.87	11.06	10.74	9.42	11.06	9.76	9.41	8.64	6.64
SW-5	pH (su)	5.30	8.04	6.81	5.03	6.04	5.73	5.52	6.06	5.98	5.27	5.51	5.78
	Dissolved Oxygen (mg/L)	5.93	9.70	8.27	9.38	10.40	9.40	8.46	10.65	8.89	8.53	8.86	5.74
SW-6	pH (su)	5.48	8.30	7.13	5.82	5.92	5.68	5.72	6.03	5.95	5.55	5.39	5.62
	Dissolved Oxygen (mg/L)	5.81	8.77	8.54	7.84	9.22	8.33	7.66	9.94	8.09	5.43	8.04	5.05

Note:
(1) su - Standard Units
(2) mg/L - Milligrams Per Liter
* - DO function on meter failed, data not available
† - Well box flooded, unable to sample.

Sample Location	Sample Parameter	MONITORING PERIOD											
		2009				2010				2011			
		March	June	Sept	Dec	March	June	Oct	Dec	March	July	Sept	Nov
GX-0	pH (su)	6.6	6.84	7.14	7.10	7.19	7.85	7.02	7.10	5.52	6.41	6.96	6.99
	Dissolved Oxygen (mg/L)	6.88	0.23	1.68	0.83	6.52	1.64	0.97	9.70	*	1.58	2.00	0.68
GX-1	pH (su)	6.30	6.59	6.96	6.86	6.66	6.89	7.27	7.36	5.65	6.69	7.39	7.41
	Dissolved Oxygen (mg/L)	1.72	0.48	1.72	1.83	7.90	0.95	5.49	7.81	*	1.27	0.99	2.86
GX-2	pH (su)	6.35	6.51	7.02	7.00	6.98	7.21	6.92	6.79	5.50	7.04	7.06	6.66
	Dissolved Oxygen (mg/L)	2.80	0.64	1.70	9.02	5.35	7.81	1.24	2.85	*	5.32	0.57	1.89
GX-3	pH (su)	6.37	6.69	7.17	7.11	7.13	6.99	6.95	7.06	5.61	6.68	7.23	7.04
	Dissolved Oxygen (mg/L)	1.30	0.10	1.61	0.37	4.99	7.67	0.12	5.65	*	0.49	0.62	0.47
GX-4	pH (su)	6.26	7.05	6.91	6.98	6.85	6.70	7.09	7.32	5.80	7.62	7.05	7.09
	Dissolved Oxygen (mg/L)	6.12	0.76	2.20	2.65	9.32	8.51	5.72	5.88	*	4.01	4.01	6.51
A-11	pH (su)	6.57	6.64	6.72	†	6.66	3.13	6.45	6.50	4.43	6.65	6.77	7.62
	Dissolved Oxygen (mg/L)	12.71	6.77	12.46	†	11.41	15.61	9.00	11.69	1.30	3.40	1.37	8.02
A-23	pH (su)	6.19	6.98	6.61	†	6.96	3.05	7.51	7.31	5.78	7.47	7.63	7.45
	Dissolved Oxygen (mg/L)	11.38	12.57	10.94	†	14.85	16.11	10.63	14.19	*	5.05	8.15	8.65
SW-2	pH (su)	6.3	6.20	6.20	6.59	6.32	3.79	6.81	6.81	5.73	5.76	5.67	5.81
	Dissolved Oxygen (mg/L)	7.65	5.20	4.87	5.79	10.95	11.31	3.51	4.90	*	1.70	5.40	4.31
SW-4	pH (su)	5.48	6.23	5.96	6.16	6.05	4.48	6.16	6.17	5.05	5.56	5.94	5.94
	Dissolved Oxygen (mg/L)	6.95	10.34	9.84	10.81	11.72	13.70	8.62	10.08	*	10.19	9.11	7.78
SW-5	pH (su)	5.38	5.92	6.00	6.28	6.06	4.51	6.18	6.29	4.29	5.94	5.90	5.93
	Dissolved Oxygen (mg/L)	6.50	9.40	3.68	8.07	12.09	7.07	7.82	9.84	*	3.01	7.70	6.42
SW-6	pH (su)	5.34	5.74	6.01	5.88	5.89	4.61	6.02	5.94	4.09	5.27	6.09	5.82
	Dissolved Oxygen (mg/L)	6.04	8.15	8.37	6.59	12.39	12.80	7.70	8.02	*	8.81	5.25	7.33
WP-5A (3)	pH (su)	--	--	--	--	--	--	--	--	--	--	--	6.57
	Dissolved Oxygen (mg/L)	--	--	--	--	--	--	--	--	--	--	--	4.62

Note:
(1) su - Standard Units
(2) mg/L - Milligrams Per Liter
* DO meter failed, no measurement.
† - A-11 and A-23 were iced over and not sampled December 2009.
(3) WP-5A was added to the quarterly sampling plan during the Fourth Quarter 2011 event.

TABLE 6
Historical In-Situ Indicator Parameters
AES Shore Realty Site, Glenwood Landing, New York

Sample Location	Sample Parameter	MONITORING PERIOD 2012				MONITORING PERIOD 2013				MONITORING PERIOD 2014			
		March	June	Sept	Dec	March	June	Oct	Nov	Jan	Apr	Jul	Oct
GX-0	pH (su)	7.02	6.70	6.82	6.78	6.91	6.86	7.02	6.71	6.51	6.96	7.14	6.40
	Dissolved Oxygen (mg/L)	3.05	3.81	1.49	2.16	0.96	4.77	0.72	1.99	8.49	1.32	6.28	0.82
GX-1	pH (su)	7.04	6.99	7.54	6.94	7.79	6.82	7.01	6.68	6.03	6.40	6.58	6.34
	Dissolved Oxygen (mg/L)	1.71	3.00	0.77	1.44	2.80	3.71	2.77	1.97	5.40	3.51	6.44	0.60
GX-2	pH (su)	6.74	6.78	6.79	6.69	6.60	6.87	6.89	8.08	6.21	6.76	7.40	6.35
	Dissolved Oxygen (mg/L)	0.00	0.42	0.28	0.93	0.44	1.56	2.94	2.19	3.71	3.21	6.57	1.52
GX-3	pH (su)	7.01	6.94	7.50	7.28	6.67	7.03	7.05	7.10	6.38	6.49	6.55	6.63
	Dissolved Oxygen (mg/L)	5.51	0.76	0.69	0.33	0.89	0.45	0.09	1.88	2.41	0.00	1.65	1.62
GX-4	pH (su)	7.28	7.11	7.50	7.52	8.08	7.21	7.57	6.54	6.63	5.78	8.18	6.11
	Dissolved Oxygen (mg/L)	6.06	1.89	4.47	3.25	4.58	5.47	7.32	2.21	11.31	8.10	6.24	6.19
GX-5	pH (su)	-	-	-	-	-	-	6.12	6.34	6.55	6.47	6.09	6.37
	Dissolved Oxygen (mg/L)	-	-	-	-	-	-	0.83	5.81	9.70	3.03	3.79	3.47
GX-6	pH (su)	-	-	-	-	-	-	6.69	6.47	6.90	6.56	6.38	6.72
	Dissolved Oxygen (mg/L)	-	-	-	-	-	-	5.33	0.52	10.95	0.00	1.53	0.80
GX-7	pH (su)	-	-	-	-	-	-	7.09	6.32	6.69	6.49	6.44	6.02
	Dissolved Oxygen (mg/L)	-	-	-	-	-	-	0.95	0.45	10.78	0.00	1.77	0.72
A-11	pH (su)	7.41	7.47	7.43	7.40	7.03	7.77	7.06	5.50	6.08	6.25	6.15	7.21
	Dissolved Oxygen (mg/L)	7.66	10.39	10.73	13.51	13.80	6.79	8.96	0.57	10.99	3.51	5.43	8.29
A-23	pH (su)	7.23	7.26	7.75	7.59	6.89	7.33	6.96	6.69	6.23	6.89	6.58	7.20
	Dissolved Oxygen (mg/L)	7.75	8.33	12.01	13.14	14.42	11.11	9.00	11.32	10.94	7.38	14.10	8.92
SW-2	pH (su)	6.04	5.57	6.86	5.93	5.71	5.49	6.14	5.62	5.36	5.78	5.64	5.36
	Dissolved Oxygen (mg/L)	4.17	4.72	6.83	7.66	7.56	5.67	4.47	6.36	7.29	9.40	8.49	6.67
SW-4	pH (su)	6.08	6.21	7.02	6.07	7.41	5.10	5.94	5.74	5.54	5.54	6.14	5.48
	Dissolved Oxygen (mg/L)	8.45	7.82	9.56	10.56	16.39	7.38	7.05	9.11	10.57	11.05	10.80	9.65
SW-5	pH (su)	5.84	6.09	5.67	6.37	6.72	6.07	5.93	5.71	5.32	5.44	6.03	5.26
	Dissolved Oxygen (mg/L)	7.85	7.12	8.70	11.39	9.65	6.68	6.85	8.51	10.00	9.28	10.58	8.26
SW-6	pH (su)	5.92	5.87	5.59	5.85	5.83	5.85	5.87	5.71	4.56	5.25	6.06	5.85
	Dissolved Oxygen (mg/L)	7.29	1.02	8.02	6.61	7.58	5.33	5.93	7.47	9.76	6.47	10.73	4.84
WP-5A	pH (su)	6.45	--	6.53	6.58	6.33	7.01	6.92	6.50	6.03	6.46	6.47	6.75
	Dissolved Oxygen (mg/L)	6.73	--	4.72	5.72	11.75	5.51	1.10	1.43	9.30	4.81	1.77	1.08

Note:
(1) su - Standard Units
(2) mg/L - Milligrams Per Liter
(3) WP-5A was added to the quarterly sampling plan during the Fourth Quarter 2011 event.

* DO meter failed, no measurement.
† - A-11 and A-23 were iced over and not sampled December 2009.

Sample Location	Sample Parameter	MONITORING PERIOD 2015				MONITORING PERIOD 2016				MONITORING PERIOD 2017			
		Jan	Apr	Jul	Oct	Jan	Apr	July	Oct	Jan	Apr	July	Oct
GX-0	pH (su)	7.11	6.64	6.58	7.33	7.23	7.34	6.95	6.49	7.30	5.86	7.19	7.39
	Dissolved Oxygen (mg/L)	1.40	0.43	2.29	0.60	0.00	0.76	1.64	0.48	11.31	1.88	2.01	5.47
GX-1	pH (su)	6.15	6.10	5.83	5.93	5.15	5.08	5.08	4.70	4.91	4.16	6.16	6.63
	Dissolved Oxygen (mg/L)	0.00	2.23	1.27	0.99	0.94	1.19	1.18	0.00	2.69	2.39	2.30	4.35
GX-2	pH (su)	6.62	6.73	6.52	7.22	6.48	7.56	6.63	6.24	6.96	5.86	6.79	6.58
	Dissolved Oxygen (mg/L)	0.00	1.58	1.14	0.79	0.00	0.22	1.19	0.00	0.93	6.54	0.00	1.90
GX-3	pH (su)	6.68	6.96	6.62	6.91	6.71	7.16	6.71	6.49	7.12	6.78	7.09	6.58
	Dissolved Oxygen (mg/L)	1.50	1.91	3.08	0.00	0.00	0.06	0.64	0.00	1.15	0.00	0.00	4.80
GX-4	pH (su)	6.54	6.94	6.16	6.82	7.11	7.32	7.45	6.46	7.47	6.81	6.73	6.17
	Dissolved Oxygen (mg/L)	1.60	0.06	1.30	3.11	2.33	4.69	4.73	0.43	9.39	5.26	0.00	7.49
GX-5	pH (su)	6.31	6.55	6.72	6.65	6.69	7.01	6.78	6.43	7.33	5.13	6.45	6.65
	Dissolved Oxygen (mg/L)	2.50	3.56	4.30	0.00	0.93	2.18	2.06	0.73	5.70	1.14	0.95	8.32
GX-6	pH (su)	6.48	6.48	6.57	0.46	6.78	7.29	6.78	6.68	6.70	5.52	6.70	7.20
	Dissolved Oxygen (mg/L)	0.00	0.91	1.14	0.00	0.00	0.15	0.00	0.18	0.51	0.00	0.00	0.47
GX-7	pH (su)	6.61	6.75	6.32	0.34	6.09	6.67	6.75	6.55	6.60	6.14	6.74	6.99
	Dissolved Oxygen (mg/L)	1.47	0.26	0.92	0.00	3.31	0.21	0.00	0.41	2.02	0.00	0.04	0.51
A-11	pH (su)	6.70	6.42	6.34	7.69	6.34	6.96	NS	6.54	6.58	5.92	6.18	5.63
	Dissolved Oxygen (mg/L)	9.71	2.95	7.87	2.17	7.69	6.61	NS	8.51	3.71	8.33	9.48	11.59
A-23	pH (su)	6.95	6.95	6.69	7.28	7.36	7.69	7.09	6.33	7.41	6.50	6.66	5.29
	Dissolved Oxygen (mg/L)	9.72	15.03	9.89	8.03	10.51	7.29	10.40	10.21	11.02	15.18	8.77	8.14
SW-2	pH (su)	5.48	5.70	5.63	6.47	5.60	5.97	5.34	5.91	6.11	4.50	5.49	4.97
	Dissolved Oxygen (mg/L)	4.75	6.23	6.89	4.22	4.88	3.98	5.34	5.44	5.14	5.05	3.48	9.07
SW-4	pH (su)	5.05	5.81	5.65	5.95	5.52	6.31	5.83	5.82	6.05	6.06	5.89	5.66
	Dissolved Oxygen (mg/L)	5.75	10.39	8.40	3.79	9.17	5.68	7.95	7.87	1.96	8.68	7.61	8.38
SW-5	pH (su)	5.03	5.54	5.67	6.21	5.93	6.22	5.72	6.07	6.25	5.76	6.08	5.62
	Dissolved Oxygen (mg/L)	5.43	9.27	7.29	3.65	5.67	4.05	9.66	6.60	2.92	6.42	6.07	7.53
SW-6	pH (su)	5.14	5.41	5.70	6.39	5.56	6.14	5.69	5.85	6.90	5.55	5.49	5.56
	Dissolved Oxygen (mg/L)	3.29	7.82	7.57	4.96	5.55	3.41	11.14	5.80	7.58	5.42	5.39	7.00
WP-5A	pH (su)	6.79	6.65	6.05	7.12	6.39	6.87	6.81	6.07	6.37	6.15	6.45	5.96
	Dissolved Oxygen (mg/L)	11.66	0.77	6.15	0.96	0.51	6.36	0.00	1.11	2.43	4.62	0.00	4.59

Note:
(1) su - Standard Units
(2) mg/L - Milligrams Per Liter
(3) WP-5A was added to the quarterly sampling plan during the Fourth Quarter 2011 event.

* DO meter failed, no measurement.
† - A-11 and A-23 were iced over and not sampled December 2009.

TABLE 6
Historical In-Situ Indicator Parameters
AES Shore Realty Site, Glenwood Landing, New York

Sample Location	Sample Parameter	MONITORING PERIOD 2018				MONITORING PERIOD 2019				MONITORING PERIOD 2020			
		Jan	Apr	Jul	Oct	Jan	Apr	July	Oct	Jan	Apr	July	Oct
GX-0	pH (su)	6.87	7.07	6.80									
	Dissolved Oxygen (mg/L)	1.16	0.44	5.92									
GX-1	pH (su)	4.24	6.16	5.01									
	Dissolved Oxygen (mg/L)	0.99	2.49	1.36									
GX-2	pH (su)	6.90	6.75	6.84									
	Dissolved Oxygen (mg/L)	0.25	0.00	1.25									
GX-3	pH (su)	6.99	7.07	6.84									
	Dissolved Oxygen (mg/L)	0.00	1.68	0.54									
GX-4	pH (su)	5.98	6.62	6.30									
	Dissolved Oxygen (mg/L)	2.91	8.58	4.90									
GX-5	pH (su)	6.58	6.51	6.65									
	Dissolved Oxygen (mg/L)	0.42	1.46	0.77									
GX-6	pH (su)	6.97	6.79	6.66									
	Dissolved Oxygen (mg/L)	0.14	0.00	1.08									
GX-7	pH (su)	6.56	6.41	6.38									
	Dissolved Oxygen (mg/L)	0.14	0.00	1.10									
A-11	pH (su)	-	6.34	6.93									
	Dissolved Oxygen (mg/L)	-	11.07	7.73									
A-23	pH (su)	6.80	6.07	6.10									
	Dissolved Oxygen (mg/L)	11.27	12.53	9.65									
SW-2	pH (su)	5.93	5.71	-									
	Dissolved Oxygen (mg/L)	4.99	6.11	-									
SW-4	pH (su)	6.31	6.09	5.69									
	Dissolved Oxygen (mg/L)	9.01	8.78	8.98									
SW-5	pH (su)	6.13	5.63	5.79									
	Dissolved Oxygen (mg/L)	6.40	7.35	7.59									
SW-6	pH (su)	5.95	5.57	5.67									
	Dissolved Oxygen (mg/L)	5.34	6.41	6.83									
WP-5A	pH (su)	-	6.68	6.50									
	Dissolved Oxygen (mg/L)	-	3.48	1.86									

Note:

(1) su - Standard Units

(2) mg/L - Milligrams Per Liter

* DO meter failed, no measurement.

† - A-11 and A-23 were iced over and not sampled December 2009.

(3) WP-5A was added to the quarterly sampling plan during the Fourth Quarter 2011 event.

TABLE 7
Historical Nutrient Concentrations
AES Shore Realty Site, Glenwood Landing, New York

Sample Location	Sample Parameter (mg/L)	MONITORING PERIOD									
		1995		1996				1997			
		Baseline	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct
GX-1	Nitrogen: $N\text{-}NH_4$	1.8	2.8	4.0	9.0	9.0	9.0	6.0	>9.0	3.2	2.5
	Phosphorus: $P\text{-}PO_4$	0.18	0.5	0.4	0.1	1.0	0.8	33.0	33.0	3.5	5.0
GX-2	Nitrogen: $N\text{-}NH_4$	1.7	1.6	3.0	7.8	9.0	9.0	3.6	>9.0	3.0	>9.0
	Phosphorus: $P\text{-}PO_4$	<1.2	0.0	0.6	0.2	1.7	1.3	11.0	12.0	1.5	4.0
GX-3	Nitrogen: $N\text{-}NH_4$	6.0	6.0	4.0	9.0	7.0	7.0	4.2	6.0	4.4	>9.0
	Phosphorus: $P\text{-}PO_4$	0.74	0.83	0.7	2.5	2.2	1.9	13.0	15.0	1.7	0.0
GX-4	Nitrogen: $N\text{-}NH_4$	1.3	9.0	3.0	6.6	6.0	6.0	-	4.4	1.2	1.5
	Phosphorus: $P\text{-}PO_4$	0.75	1.0	0.5	0.3	0.8	0.6	-	3.0	0.8	0.0
A-11	Nitrogen: $N\text{-}NH_4$	0.1	0.0	-	0.7	0.4	0.5	0.5	0.4	0.5	0.7
	Phosphorus: $P\text{-}PO_4$	<1.2	0.1	<0.5	0.3	0.2	0.4	3.0	4.0	0.7	0.6
A-23	Nitrogen: $N\text{-}NH_4$	<0.1	0.3	-	0.5	0.3	0.3	0.1	0.4	0.3	0.4
	Phosphorus: $P\text{-}PO_4$	1.6	0.1	<0.5	0.2	0.4	0.6	1.0	3.0	0.3	0.0

Note:
(1) mg/L - Milligrams Per Liter
(2) - = Not Sampled

Sample Location	Sample Parameter (mg/L)	MONITORING PERIOD											
		1998				1999				2000			
		Jan	Apr	Jul	Oct	Jan	Apr	Aug	Nov	Jan	May	Aug	Dec
GX-1	Nitrogen: $N\text{-}NH_4$	3.0	2.5	>9.0	>3.0	>3.0	-	1.0	0.5	2.0	2.0	1.3	1.0
	Phosphorus: $P\text{-}PO_4$	4.5	3.5	1.5	1.5	3.7	-	9.0	10.0	21.0	32.0	0.0	0.0
GX-2	Nitrogen: $N\text{-}NH_4$	>9.0	>9.0	>9.0	>3.0	>3.0	>3	3.0	0.0	2.1	1.9	3.9	3.0
	Phosphorus: $P\text{-}PO_4$	0.0	1.2	2.5	2.5	0.0	0.3	2.0	11.0	2.0	0.0	0.0	0.0
GX-3	Nitrogen: $N\text{-}NH_4$	>9.0	9.0	9.0	>3.0	>3.0	0.5	3.0	0.0	2.7	>3.0	3.9	3.7
	Phosphorus: $P\text{-}PO_4$	0.0	1.3	2.5	-	0.0	0.0	6.0	19.0	1.0	1.5	5.0	5.0
GX-4	Nitrogen: $N\text{-}NH_4$	1.0	-	9.0	-	1.0	0.4	2.0	0.0	1.3	0.8	1.7	1.8
	Phosphorus: $P\text{-}PO_4$	0.0	-	3.2	-	0.1	0.0	5.0	5.0	0.0	0.0	0.0	0.0
A-11	Nitrogen: $N\text{-}NH_4$	0.5	0.5	-	0.0	1.4	0.0	0.4	9.0	0.7	0.2	1.8	1.8
	Phosphorus: $P\text{-}PO_4$	0.05	0.30	-	0.0	0.00	0.00	13.00	3.0	2.0	5.0	40.0	37.0
A-23	Nitrogen: $N\text{-}NH_4$	0.4	0.5	0.5	0.0	1.3	0.0	0.4	1.0	1.0	0.5	3.9	2.9
	Phosphorus: $P\text{-}PO_4$	0.0	0.0	0.1	0.0	0.0	0.0	8.0	0.0	0.0	3.0	0.0	0.0

Note:
(1) mg/L - Milligrams Per Liter
(2) - = Not Sampled

Sample Location	Sample Parameter (mg/L)	MONITORING PERIOD											
		2001				2002				2003			
		Feb	May	Aug	Nov	Feb	May	Aug	Nov	March	June	Sept	Dec
GX-1	Nitrogen: $N\text{-}NH_4$	1.2	0.0	-	-	-	0.1	0.4	1.4	2.9	3.4	1.3	2.6
	Phosphorus: $P\text{-}PO_4$	0.0	0.0	-	-	-	2.0	6.0	35.0	15.0	12.7	0.5	0.0
GX-2	Nitrogen: $N\text{-}NH_4$	1.0	3.0	3.0	2.2	2.3	0.2	0.5	11.7	2.3	2.1	3.9	0.3
	Phosphorus: $P\text{-}PO_4$	0.0	25.0	0.0	4.0	0.1	2.5	5.0	0.0	1.7	1.7	1.8	0.0
GX-3	Nitrogen: $N\text{-}NH_4$	3.0	2.8	2.8	2.8	3.0	0.1	0.8	6.5	2.9	2.6	3.9	2.7
	Phosphorus: $P\text{-}PO_4$	0.0	1.5	1.0	0.0	0.2	2.0	10.0	0.0	2.6	3.3	2.3	0.0
GX-4	Nitrogen: $N\text{-}NH_4$	0.8	1.2	0.6	1.0	0.7	0.2	0.6	1.9	0.5	3.4	0.3	0.0
	Phosphorus: $P\text{-}PO_4$	0.0	0.0	0.0	5.0	0.0	2.8	5.0	0.0	1.4	6.7	1.0	0.0
A-11	Nitrogen: $N\text{-}NH_4$	1.8	5.0	0.5	0.0	0.0	0.1	0.8	4.8	0.7	1.3	0.3	0.0
	Phosphorus: $P\text{-}PO_4$	0.0	0.5	0.0	1.0	0.1	2.0	5.0	0.0	0.0	1.7	0.0	0.0
A-23	Nitrogen: $N\text{-}NH_4$	0.3	2.0	0.5	0.0	0.4	0.2	0.7	7.8	0.5	1.1	0.0	0.0
	Phosphorus: $P\text{-}PO_4$	0.0	0.0	0.0	0.0	0.0	2.5	7.0	0.0	1.7	2.0	0.0	0.0

Note:
(1) mg/L - Milligrams Per Liter
(2) - = Not Sampled

Sample Location	Sample Parameter (mg/L)	MONITORING PERIOD										
		2004				2005			2006			
		March	June	Sept	Dec	April	July	Nov	March	June	Sept	Dec
GX-1	Nitrogen: $N\text{-}NH_4$	1.2	1.8	2.0	-	2.3	>3.9	2.3	1.0	3.9	2.4	-
	Phosphorus: $P\text{-}PO_4$	1.3	2.7	10.0	-	19.0	4.0	31.0	0.0	2.0	0.0	-
GX-2	Nitrogen: $N\text{-}NH_4$	3.9	3.1	3.3	-	3.9	>3.9	>3.9	11.1	3.9	1.5	1.8
	Phosphorus: $P\text{-}PO_4$	1.0	2.5	4.0	-	3.1	2.5	16.0	0.4	3.5	0.0	2.0
GX-3	Nitrogen: $N\text{-}NH_4$	0.8	1.6	*	-	2.3	>3.9	3.9	3.6	3.9	1.2	2.0
	Phosphorus: $P\text{-}PO_4$	--	0.7	*	-	1.8	3.2	20.0	0.3	5.0	0.0	12.0
GX-4	Nitrogen: $N\text{-}NH_4$	1.9	2.3	*	-	0.8	3.1	1.8	2.0	2.6	0.0	0.3
	Phosphorus: $P\text{-}PO_4$	0.0	0.5	*	-	0.0	0.0	22.0	0.2	3.5	0.0	0.0
A-11	Nitrogen: $N\text{-}NH_4$	0.0	1.8	1.0	-	1.6	1.4	0.5	0.9	0.3	0.3	0.0
	Phosphorus: $P\text{-}PO_4$	--	0.5	4.0	-	1.2	0.8	10.0	0.2	1.0	5.0	5.0
A-23	Nitrogen: $N\text{-}NH_4$	0.0	0.0	1.1	-	0.5	0.8	0.0	0.5	1.2	0.0	0.0
	Phosphorus: $P\text{-}PO_4$	--	0.7	2.0	-	0.0	0.5	0.0	0.0	0.3	0.0	0.0

Note:
(1) mg/L - Milligrams Per Liter
(2) - = Not Sampled
* - Unable to complete test due to dark sample color

TABLE 7
Historical Nutrient Concentrations
AES Shore Realty Site, Glenwood Landing, New York

Sample Location	Sample Parameter (mg/L)	MONITORING PERIOD											
		2007				2008				2009			
		March	June	Sept	Jan	March	June	Sept	Nov	March	June	Sept	Dec
GX-0 (3)	Nitrogen: $N\text{-}NH_4$	--	--	--	--	--	--	--	--	0.3	1.0	0.4	0.4
	Phosphorus: $P\text{-}PO_4$	--	--	--	--	--	--	--	--	3.5	15.0	9.0	3.0
GX-1	Nitrogen: $N\text{-}NH_4$	3.0	0.6	0.3	0.0	0.3	0.2	0.8	0.8	0.3	0.4	0.3	0.1
	Phosphorus: $P\text{-}PO_4$	25.0	30.0	10.0	0.0	1.0	1.0	12.0	40.0	35.0	6.0	9.0	0.0
GX-2	Nitrogen: $N\text{-}NH_4$	0.4	2.0	1.6	1.3	3.0	3.0	0.0	2.2	0.3	0.0	0.7	0.3
	Phosphorus: $P\text{-}PO_4$	3.0	11.0	15.0	0.0	6.0	6.0	0.3	11.0	13.0	5.0	13.0	4.0
GX-3	Nitrogen: $N\text{-}NH_4$	0.2	2.5	2.2	0.5	0.5	0.5	15.0	1.9	0.3	0.3	4.5	0.3
	Phosphorus: $P\text{-}PO_4$	0.0	9.0	23.0	0.0	0.0	0.0	0.8	15.0	12.0	12.0	1.5	1.0
GX-4	Nitrogen: $N\text{-}NH_4$	--	0.6	2.0	†	0.3	0.3	0.1	1.7	0.1	0.4	0.8	0.2
	Phosphorus: $P\text{-}PO_4$	--	28.0	14.0	†	0.0	0.0	0.2	5.0	4.5	0.0	10.0	6.0
A-11	Nitrogen: $N\text{-}NH_4$	0.4	0.0	0.0	0.0	0.4	0.3	0.0	0.1	0.1	0.0	0.0	(4)
	Phosphorus: $P\text{-}PO_4$	0.0	4.0	2.0	0.0	2.0	2.0	0.0	5.0	4.0	0.0	5.0	(4)
A-23	Nitrogen: $N\text{-}NH_4$	0.3	0.0	0.4	0.0	0.3	0.0	0.0	0.1	0.1	0.0	0.0	(4)
	Phosphorus: $P\text{-}PO_4$	0.0	0.0	0.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	9.0	(4)

Note:

(1) mg/L - Milligrams Per Liter

(2) - = Not Sampled

(3) GX-0 added to sampling plan in March 2009

(4) A-11 and A-23 were iced over and not sampled December 2009.

Sample Location	Sample Parameter (mg/L)	MONITORING PERIOD											
		2010				2011				2012			
		March	June	Oct	Dec	March	July	Sept	Dec	March	June	Sept	Dec
GX-0	Nitrogen: $N\text{-}NH_4$	1.0	1.0	0.9	0.3	0.9	0.5	0.8	0.7	1.0	0.5	0.3	0.1
	Phosphorus: $P\text{-}PO_4$	10.0	12.0	11.0	5.0	10.0	5.0	20.0	15.0	12.0	30.0	7.0	0.0
GX-1	Nitrogen: $N\text{-}NH_4$	1.0	1.0	0.5	0.0	1.0	0.6	0.8	0.3	0.3	0.0	0.9	0.2
	Phosphorus: $P\text{-}PO_4$	8.0	11.0	10.0	25.0	15.0	10.0	23.0	20.0	15.0	25.0	18.0	10.0
GX-2	Nitrogen: $N\text{-}NH_4$	0.4	1.0	1.0	0.9	0.1	0.5	1.0	0.8	>1.0	0.2	0.4	0.0
	Phosphorus: $P\text{-}PO_4$	2.0	15.0	11.0	10.0	10.0	15.0	15.0	15.0	5.0	10.0	15.0	5.0
GX-3	Nitrogen: $N\text{-}NH_4$	0.3	1.0	0.7	1.9	0.2	0.2	1.0	0.8	0.9	1.0	1.0	0.0
	Phosphorus: $P\text{-}PO_4$	2.0	15.0	9.5	25.0	10.0	10.0	13.0	10.0	7.0	12.0	15.0	0.0
GX-4	Nitrogen: $N\text{-}NH_4$	0.1	0.65	0.9	0.4	0.1	0.1	0.4	0.0	0.0	0.0	0.1	0.0
	Phosphorus: $P\text{-}PO_4$	3.0	13.0	16.0	5.0	5.0	10.0	15.0	5.0	2.0	9.0	10.0	0.0
A-11	Nitrogen: $N\text{-}NH_4$	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.0	<1	0.0	0.0	0.1
	Phosphorus: $P\text{-}PO_4$	10.0	0.0	10.0	3.0	5.0	20.0	5.0	10.0	6.0	10.0	0.0	5.0
A-23	Nitrogen: $N\text{-}NH_4$	0.0	0.0	0.0	0.0	0.0	1.5	0.1	0.0	0.0	0.0	0.0	0.1
	Phosphorus: $P\text{-}PO_4$	10.0	15.0	11.0	5.0	5.0	15.0	10.0	0.0	7.5	5.0	10.0	10.0

Note:

(1) mg/L - Milligrams Per Liter

(2) - = Not Sampled

(3) GX-0 added to sampling plan in March 2009

Sample Location	Sample Parameter (mg/L)	MONITORING PERIOD												
		2013				2014				2015				
		March	June	October	Nov	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct - Field	Oct - Lab
GX-0	Nitrogen: $N\text{-}NH_4$	0.5	>1.0	1.0	0.4	0.0	0.6	0.4	0.4	1.0	0.1	0.6	0.4	0.4
	Phosphorus: $P\text{-}PO_4$	9.0	15.0	15.0	20.0	0.0	15.0	10.0	15.0	5.0	10.0	10.0	10.0	0.8
GX-1	Nitrogen: $N\text{-}NH_4$	0.5	>1.0	0.4	0.4	0.0	1.0	>1.0	1.0	0.2	0.1	0.5	>1.0	7.3
	Phosphorus: $P\text{-}PO_4$	10.0	15.0	10.0	10.0	5.0	20.0	15.0	20.0	5.0	>80	20.0	10.0	0.2
GX-2	Nitrogen: $N\text{-}NH_4$	0.3	0.4	1.0	0.2	0.0	0.1	0.4	0.5	0.2	0.1	0.8	0.3	0.1
	Phosphorus: $P\text{-}PO_4$	10.0	10.0	5.0	10.0	0.0	10.0	15.0	14.0	0.0	10.0	10.0	10.0	<0.050
GX-3	Nitrogen: $N\text{-}NH_4$	0.2	0.3	0.8	0.2	0.0	0.1	>1.0	0.0	0.5	0.1	0.8	0.3	<0.10
	Phosphorus: $P\text{-}PO_4$	10.0	10.0	0.3	10.0	0.0	10.0	11.0	5.0	0.0	10.0	15.0	1.0	0.3
GX-4	Nitrogen: $N\text{-}NH_4$	0.3	0.1	1.0	0.1	0.0	0.1	1.2	0.0	0.9	0.3	>1.0	0.0	1.6
	Phosphorus: $P\text{-}PO_4$	6.0	5.0	0.5	10.0	5.0	5.0	5.0	0.0	0.0	>80	10.0	5.0	0.3
GX-5	Nitrogen: $N\text{-}NH_4$	-	-	1.50	0.00	-	1.0	1.0	1.0	1.00	0.1	0.3	1.0	3.2
	Phosphorus: $P\text{-}PO_4$	-	-	0.00	0.00	-	2.0	10.0	10.0	10.00	60.0	10.0	0.0	<0.050
GX-6	Nitrogen: $N\text{-}NH_4$	-	-	1.00	0.90	>1	1.0	>1.0	1.0	1.00	0.9	0.5	0.0	0.2
	Phosphorus: $P\text{-}PO_4$	-	-	0.00	10.00	0.0	2.0	14.0	15.0	0.0	15.0	10.0	0.0	0.2
GX-7	Nitrogen: $N\text{-}NH_4$	-	-	1.00	1.00	>1	1.0	>1.0	1.0	0.80	0.2	>1.0	0.2	0.2
	Phosphorus: $P\text{-}PO_4$	-	-	5.00	0.00	0.0	7.0	10.0	15.0	20.0	9.0	10.0	0.0	0.8
A-11	Nitrogen: $N\text{-}NH_4$	0.1	0.1	0.0	0.1	0.5	0.1	0.1	0.1	0.2	0.1	0.5	0.9	1.0
	Phosphorus: $P\text{-}PO_4$	10.0	10.0	0.0	10.0	5.0	15.0	15.0	10.0	10.0	10.0	15.0	0.0	0.7
A-23	Nitrogen: $N\text{-}NH_4$	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.3	0.0	0.0	4.1
	Phosphorus: $P\text{-}PO_4$	10.0	20.0	5.0	10.0	0.0	15.0	20.0	10.0	10.0	45.0	10.0	5.0	<0.05

Note:

(1) mg/L - Milligrams Per Liter

(2) - = Not Sampled

(3) GX-0 added to sampling plan in March 2009

(4) GX-05, -06, and -07 were added to the sampling plan in March 2013

TABLE 7
Historical Nutrient Concentrations
AES Shore Realty Site, Glenwood Landing, New York

Sample Location	Sample Parameter (mg/L)	MONITORING PERIOD 2016							
		Jan - Field	Jan - Lab	Apr - Field	Apr - Lab	July - Field	July - Lab	Oct - Field	Oct - Lab
GX-0	Nitrogen: $N\text{-}NH_4$	0.0	0.64	0.2	0.48	0.1	0.71	0.2	0.73
	Phosphorus: $P\text{-}PO_4$	0.0	0.32	10.0	0.30	5.0	0.57	10.0	2.3
GX-1	Nitrogen: $N\text{-}NH_4$	1.0	21.0	1.0	29.0	1.0	29.0	1.0	0.5
	Phosphorus: $P\text{-}PO_4$	10.0	<0.050	10.0	0.22	30.0	0.13	10.0	0.5
GX-2	Nitrogen: $N\text{-}NH_4$	0.1	0.37	0.1	0.25	0.5	0.63	0.6	0.7
	Phosphorus: $P\text{-}PO_4$	5.0	<0.050	15.0	0.24	10.0	0.1	10.0	0.4
GX-3	Nitrogen: $N\text{-}NH_4$	0.7	0.82	0.5	0.71	0.8	1.80	1.0	2.5
	Phosphorus: $P\text{-}PO_4$	5.0	0.09	10.0	0.36	10.0	0.25	10.0	0.3
GX-4	Nitrogen: $N\text{-}NH_4$	1.0	2.7	0.2	<0.20	0.0	4.2	>1.0	5.7
	Phosphorus: $P\text{-}PO_4$	10.0	0.3	0.0	0.098	0.0	0.12	10.0	3.5
GX-5	Nitrogen: $N\text{-}NH_4$	0.6	2.7	1.0	1.4	0.0	2.2	0.6	3.8
	Phosphorus: $P\text{-}PO_4$	8.0	<0.050	NR	<0.050	15.0	<0.050	0.0	<0.050
GX-6	Nitrogen: $N\text{-}NH_4$	0.9	1.4	1.0	1.4	1.0	1.7	0.9	1.9
	Phosphorus: $P\text{-}PO_4$	8.0	0.16	10.0	0.13	4.0	0.11	5.0	0.1
GX-7	Nitrogen: $N\text{-}NH_4$	0.7	8.1	>1.0	2.5	0.7	2.0	>1.0	4.6
	Phosphorus: $P\text{-}PO_4$	10.0	0.15	0.0	0.34	7.5	0.17	0.0	0.4
A-11	Nitrogen: $N\text{-}NH_4$	0.1	<0.20	0.2	<0.20	NS	NS	0.1	<0.20
	Phosphorus: $P\text{-}PO_4$	5.0	<0.050	8.0	1.0	NS	NS	10.0	0.2
A-23	Nitrogen: $N\text{-}NH_4$	0.0	<0.20	0.0	0.63	0.05	0.4	0.1	0.2
	Phosphorus: $P\text{-}PO_4$	12.0	<0.050	5.0	<0.050	10.0	<0.050	10.0	<0.050

Note:
(1) mg/L - Milligrams Per Liter
(2) - = Not Sampled
(3) GX-0 added to sampling plan in March 2009
(4) GX-05, -06, and -07 were added to the sampling plan in March 2013

Sample Location	Sample Parameter (mg/L)	MONITORING PERIOD 2017							
		Jan - Field	Jan - Lab	Apr - Field	Apr - Lab	July-Field	July-Lab	Oct - Field	Oct - Lab
GX-0	Nitrogen: $N\text{-}NH_4$	25.0	<0.20	45.0	0.40	0.0	<0.20	25.0	<0.20
	Phosphorus: $P\text{-}PO_4$	0.0	0.062	0.0	0.08	0.0	<0.050	0.0	1.1
GX-1	Nitrogen: $N\text{-}NH_4$	20.0	13.1	25.0	12.3	25.0	<0.20	15.0	2.3
	Phosphorus: $P\text{-}PO_4$	0.0	0.1	0.0	<0.050	0.0	<0.050	0.0	0.2
GX-2	Nitrogen: $N\text{-}NH_4$	15.0	1.00	40.0	0.85	55.0	0.40	2.0	1.4
	Phosphorus: $P\text{-}PO_4$	0.0	0.1	0.0	<0.050	0.0	0.18	0.25	0.16
GX-3	Nitrogen: $N\text{-}NH_4$	25.0	1.40	0.0	1.50	0.0	1.30	10.0	0.2
	Phosphorus: $P\text{-}PO_4$	0.0	0.14	0.0	<0.050	0.0	0.12	0.10	0.2
GX-4	Nitrogen: $N\text{-}NH_4$	65.0	0.5	35.0	0.3	50.0	2.7	4.0	1.0
	Phosphorus: $P\text{-}PO_4$	0.0	<0.050	0.0	<0.050	0.0	<0.050	0.10	0.12
GX-5	Nitrogen: $N\text{-}NH_4$	70.0	<0.20	15.0	2.5	15.0	2.4	2.5	<0.20
	Phosphorus: $P\text{-}PO_4$	0.0	<0.050	0.0	<0.050	0.0	<0.050	0.25	0.058
GX-6	Nitrogen: $N\text{-}NH_4$	30.0	5.1	20.0	2.2	20.0	2.5	NA	4.2
	Phosphorus: $P\text{-}PO_4$	0.0	<0.050	0.0	0.06	0.0	<0.050	NA	0.16
GX-7	Nitrogen: $N\text{-}NH_4$	0.0	<0.20	30.0	2.1	35.0	2.0	25.0	4.0
	Phosphorus: $P\text{-}PO_4$	0.0	0.14	0.0	<0.050	0.0	0.23	0.0	0.77
A-11	Nitrogen: $N\text{-}NH_4$	45.0	<0.20	65.0	<0.20	95.0	<0.20	20.0	<0.20
	Phosphorus: $P\text{-}PO_4$	0.0	0.2	0.0	<0.050	0.0	<0.050	0.0	<0.050
A-23	Nitrogen: $N\text{-}NH_4$	40.0	<0.20	55.0	<0.20	55.0	<0.20	25.0	<0.20
	Phosphorus: $P\text{-}PO_4$	0.0	<0.050	0.0	<0.050	0.0	<0.050	0.0	<0.050

Note:
(1) mg/L - Milligrams Per Liter
(2) - = Not Sampled
(3) GX-0 added to sampling plan in March 2009
(4) GX-05, -06, and -07 were added to the sampling plan in March 2013

Table 8
Historical Depth-To-Groundwater Measurements
Recovery Wells and Regular Monitoring Points: November 2013 - July 2018
AES Shore Realty Site, Glenwood Landing, New York

Well ID	Depth To Water In Feet																	
	4/10/2014	7/10/2014	10/16/2014	1/22/2015	4/16/2015	7/22/2015	10/22/2015	1/21/2016	4/20/2016	7/15/2016	10/24/2016	1/25/2017	4/20/2017	7/25/2017	10/30/2017	1/9/2018	4/20/2018	7/26/2018
GX-0	0.50	+.55	0.10	+0.6	0.03	3.25	0.20	0.12	0.10	0.16	0.20	Flooded	Flooded	Flooded	Flooded	2.85	0.00	0.14
GX-1	+0.35	+0.31	0.15	+0.1	1.84	1.50	1.50	0.28	0.59	0.51	1.35	0.02	Flooded	0.94	1.52	4.18	1.0	0.63
GX-2	1.90	1.75	6.15	2.40	4.73	2.75	2.95	3.64	2.16	2.64	3.68	1.50	2.35	2.02	7.07	9.09	1.03	2.44
GX-3	2.90	2.01	1.70	0.20	2.19	4.65	3.90	4.08	3.65	3.82	3.70	2.58	3.87	2.44	2.51	4.35	3.2	3.40
GX-4	+0.1	+.10	0.00	0.60	+0.10	8.20	7.36	8.68	3.30	3.41	3.30	1.71	Flooded	7.50	7.00	8.10	5.82	-
GX-5	5.57	0.98	2.31	5.95	5.28	8.04	6.00	4.95	6.00	5.91	5.30	5.31	5.30	4.98	2.27	5.71	3.05	4.32
GX-6	3.10	2.16	3.44	3.31	4.02	4.28	5.78	5.30	4.82	4.35	5.18	2.53	4.98	4.82	1.80	5.8	3.19	4.06
GX-7	0.70	0.88	0.70	0.80	1.23	2.02	2.02	1.29	1.90	1.43	1.35	0.90	0.57	0.96	4.66	2.44	0.00	1.07
A-11	0.40	0.71	0.99	2.65	0.89	1.30	1.05	1.22	0.90	Dry	1.81	1.05	8.10	0.87	Flooded	9.75	4.34	1.61
A-23	4.54	0.98	3.10	5.30	7.05	3.71	4.60	6.61	1.82	3.38	0.70	3.30	3.31	2.93	3.40	1.37	3.38	0.44
SW-2	3.09	2.40	5.90	3.44	5.35	5.80	3.55	5.62	4.65	-	-	-	-	-	-	4.24	-	-
SW-4	2.65	2.20	4.82	3.20	1.91	4.70	2.88	2.99	4.78	3.03	2.87	2.13	2.89	5.31	2.28	4.7	3.89	4.09
SW-5	4.57	4.73	4.87	6.17	4.21	6.45	4.76	5.05	5.81	5.02	4.90	4.28	4.86	6.94	4.16	6.54	6.09	6.01
SW-6	8.90	9.54	10.16	10.37	8.57	10.26	9.03	9.35	10.31	9.32	9.24	8.45	9.05	10.60	8.45	10.50	10.07	10.08
WP-5A	2.83	3.17	3.17	3.22	3.48	3.36	4.04	3.16	2.95	3.50	3.35	4.01	2.78	2.98	2.50	4.5	2.8	3.39

ATTACHMENT C

QUARTERLY SITE MONITORING GROUNDWATER SAMPLE ANALYTICAL LABORATORY DATA DELIVERABLE REPORTS