TABLE 1
SUMMARY OF PERIMETER AIR MONITORING ACTION LEVEL EXCEEDANCES
QUEENS WEST PARCEL 9

Date	Action Level Exceedance	Cause of Exceedance/Correction Action Taken
8/17/05	Noticeable Odors	Excavation for East River bulkhead by Queens West Development Corporation (QWDC). No action taken (off-site source)
8/25/05	Noticeable Odors/Odor Complaint	Excavation for remediation on north-adjacent parcel. No action taken (off-site source).
8/26/05	Noticeable Odors/Odor Complaint	Excavation for remediation on north-adjacent parcel. No action taken (off-site source).
8/30/05	Noticeable Odors	Con Edison trenching for utility lines on 47th Road. No action taken (off-site source).
8/31/05	Noticeable Odors	Con Edison trenching for utility lines on 47th Road. No action taken (off-site source).
9/1/05	Noticeable Odors	Pre-trenching for sheet piles along 47th Road. Sprayed foam and backfilled trench as quickly as possible (odors dissipated immediately after backfilling).
9/8/05	Odor Complaint to New York City Department of Environmental Protection (NYCDEP)	Complaint occurred while on-site work was shut down due to nearby groundbreaking ceremony and first day of school activities. Odors attributed to Con Edison utility work along 47th Road. No action taken (off-site source).
9/13/05	Measured Particulate >150 $\mu g/m^3$	Possible malfunction of dust meter. Used water to spray down site.
9/15/05	Noticeable Odors	Odor occurred while driving sheet piles. No action taken (odors dissipated immediately).
9/20/05	Noticeable Odors	Pre-trenching for tent stakes. Backfilled trench immediately (odors dissipated within 15 minutes).
9/22/05	Visible Dust	Windy conditions causing visible dust. Used water to spray down site.
10/19/05	Measured Particulate >150 $\mu g/m^3$ (Air Logics System)	Stockpiling concrete in southeastern portion of site. Stopped stockpiling activities within 5 minutes; particulate levels returned to below the action level.
10/20/05	Noticeable Odors	Odors attributed to excavation work noted on parcel north of 47th Road (TRC site). No action taken (off-site source).
10/25/05	Noticeable Odors	Excavation of dewatering sumps in western portion of site. Stopped excavation activities within 15 minutes; odors dissipated quickly.
10/28/05	Noticeable Odors	No apparent on-site source (no soil handling excavation was being conducted at the time; odors possibly due to opening of an oil-water separator on north-adjacent site). No action taken (suspected off-site source).
10/31/05	Measured Particulate >150 $\mu g/m^3$ (Air Logics System)	Truck traffic to/from northern extension of Center Boulevard. No action taken (off-site source).

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QUEENS WEST PARCEL 9

Date	Action Level Exceedance	Cause of Exceedance/Correction Action Taken
11/1/05	Odor Complaint to NYC Fire Department (FDNY)	Possible odors escaping from western-most intake louver. No odors were noted at time of FDNY visit, and no corrective actions were taken.
11/4/05	Measured Total VOCs>5ppm (Air Logics System)	Loading out March 2005 tank removed soil in northern portion of site. Air Logics system Gas Chromatograph (GC) did not detect any target compounds, and total VOC levels decreased below action level within 15 minutes. No corrective actions taken.
11/8/05	Measured Particulate >150 $\mu g/m^3$ (Air Logics System)	Stockpiling excavated fill in northern portion of site. Sprayed water to control on-site dust; particulate levels quickly returned to below the action level.
11/9/05	Measured Particulate >150 $\mu g/m^3$ (Air Logics System)	Stockpiling excavated fill in northern portion of site. Sprayed water to control on-site dust; particulate levels quickly returned to below the action level.
11/22/05	Measured Particulate >150 $\mu g/m^3$ (Air Logics System)	Rock dust generated inside containment structure while drilling tiebacks into bedrock. Closed air intake louvers at southwestern corner of structure and sprayed water to control the dust.
11/29/05	Measured Particulate >150 $\mu g/m^3$ (Air Logics System)	Strong winds kicking up dust on Center Blvd. No corrective actions taken.
	Noticeable odors at 48th Ave. and Center Blvd.	Flap came loose in the western end wall of containment structure allowing odors to escape. The flap was tightened and the westernmost air intake louver was closed.
12/1/05	Noticeable odors along 5th Street, from several blocks north of site and adjacent to site.	Monitoring rounds expanded to blocks north of site, along 5th Street. Odors attributed to excavation work at north-adjacent site taking place on this day. No corrective actions taken.
12/5/05	Measured particulate >150 $\mu g/m^3$ (Air Logics System) at 48th Avenue and Center Boulevard.	Six dust exceedances within a 15 minute period after work stopped but immediately after a delivery of kiln dust was off-loaded from a truck within the containment structure. All air intake louvers were closed at the time.
12/7/05	Noticeable odors on 48th Avenue and Center Boulevard at site corner.	Odors escaping through air intake louvers while excavating contaminated material inside containment structure. The highest instantaneous VOC reading from the Air Logics station at this corner was measured at 3.37 ppm (below action level). Several air louvers at this corner were closed and excavation was halted within ten minutes. One air blower was left running overnight to prevent any odors from escaping enclosure.
12/13/05	Noticeable odors on Center Boulevard (near 48th Avenue).	Odors escaping through gaps in tent fabric wall while excavating contaminated material inside containment structure. Checked and adjusted sand bags to secure the bottom flaps of the containment structure. Odors dissipated in afternoon hours.

TABLE 1
SUMMARY OF PERIMETER AIR MONITORING ACTION LEVEL EXCEEDANCES
QUEENS WEST PARCEL 9

Date	Action Level Exceedance	Cause of Exceedance/Correction Action Taken
12/15/05	Measured Total VOCs > 5 parts per million (Air Logics System) at 48th Avenue and Center Boulevard site corner. No specific compounds exceeded action levels. Noticeable odors as well.	Odors escaping through air intake louvers while excavating contaminated material inside containment structure (PID > 50 parts per million inside containment structure). Stopped excavating for thirty minutes and mobilized foam to spray if air exceedances continued. No exceedances for VOCs after this event.
	Measured Particulate >150 ug/m^3 (Air Logics System) at 48th Avenue and Center Boulevard.	Particulate exceedances correlated in location and timing with elevated VOC levels at the same Air Logics station. See above.
12/20/05	Measured Particulate >150 ug/m^3 (Air Logics System) at 48th Avenue and 5th Street site corner.	Two instantaneous dust exceedances caused by crushing of concrete outside of the containment structure near this site corner. The two exceedances occurred several hours apart and no continuously elevated dust levels were noted.
12/21/05	Measured Particulate >150 ug/m^3 (Air Logics System) at 48th Avenue and 5th Street site corner.	Four instantaneous dust exceedances caused by crushing of concrete outside of the containment structure near this site corner, however no continuously elevated levels of dust were noted.
12/22/05	Noticeable odors at 48th Ave. and Center Blvd.	Odors escaping through air intake louvers while excavating contaminated material inside containment structure. Closed additional air louvers where backdraft was escaping. Odors dissipated within 15 minutes.
12/23/05	Measured Particulate >150 ug/m^3 (Air Logics System) at 48th Avenue and 5th Street site corner.	Two dust exceedances caused by crushing of concrete. Moved concrete crushing operations away from site perimeter and off-site dust levels returned to background levels.
	Very slight odor on Center Boulevard.	Sprayed foam on exposed stockpile of contaminated soil to avoid odors escaping containment structure over long holiday weekend.
3/13/06 - 3/14/06	Four exceedances of the VOC action level at 47th Road and Center Blvd. (Air Logics Unit) between 7pm on 3/13/06 and 4am on 3/14/06.	Blowers were turned off overnight due to a kiln dust delivered at end of work day on 3/13/06. Blowers were activated and no additional alarms occurred. Contractor was instructed to ensure that at least one blower is left on overnight moving forward.
3/21/06	Noticeable odors (slight) along 47th Road.	Odors attributed to small leaks in air treatment duct work. The leaks were repaired and the odors abated.
3/22/06	Noticeable odors on 47th Road and 48th Avenue. Odor complaint from teacher at the Daycare center in the City Lights building on 48th Avenue.	Creosote-like odors along 47th Road and 48th Street related to stockpiled treated wood piles on north-adjacent site. PID reading along 47th Road, the southern boundary of TRC site was 1.2 ppm. Notified on-site TRC personnel of odor. No further corrective action taken.
3/24/06	Air Logics unit at 47th Road and Center Blvd. registered a yellow alarm for VOCs; noticeable odors.	Odors escaping tent while air handling unit was being disconnected. Sealed connection point after disconnecting unit.
3/28/06	Air Logics unit at 47th Road and Center Blvd. registered a yellow alarm for VOCs; noticeable odors.	Odors escaping tent while air handling unit was being disconnected. Sealed connection point after disconnecting unit.

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Date	Action Level Exceedance	Cause of Exceedance/Correction Action Taken
3/29/06	Noticeable odors on 47th Avenue and Center Boulevard at site corner.	Odors escaping through gaps in the tent. The highest instantaneous VOC reading from the Air Logics station at this corner was at 3.42 ppm (below action level). The tent seals were re-secured, and one air blower was left running overnight to prevent any odors from escaping enclosure.

TABLE 2A
VOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor Air		AS-1 Upwind	AS-2 Downwind	AS-3 Upwind	AS-4 Downwind	AS-6 Upwind	AS-5 Downwind	AS-7 Downwind	AS-8 Downwind	AS-9 DOWNWIND	AS-11 DOWNWIND	AS-12 Downwind
Sampling Date	USEPA[1]	NYSDOH[2]	9/2/2005	9/2/2005	09/07/2005	09/07/2005	09/14/2005	09/14/2005	09/21/2005	09/28/2005	10/05/2005	10/13/2005	10/19/2005
Dilution Factor													
Units	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³
1,2,4-Trimethylbenzene	7.4	<10	0.98 U	2.2	2.3	1.8	1.8	1.4	1.5	4.6	2.1	NA	0.98 U
1,3,5-Trimethylbenzene	2.5	<10	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	1.2	0.98 U	NA	0.98 U
1,3-Butadiene	NA	NA	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.62	0.44 U	0.44 U	NA	0.44 U
1,4-Dichlorobenzene	1.2	<6	1.2 U	1.2 U	1.2 U	1.2	1.2	1.2 U	1.2 U	1.3	1.2 U	NA	2.9
2,2,4-Trimethylpentane	4.6	NA	0.93 U	1.2	1.4	2.2	2.2	1.5	1.1	2.5	1.9	NA	0.93 U
4-Ethyltoluene	NA	NA	0.98 U	1.2	1.8	1.5	1.5	1.2	1.3	0.98 U	2.1	NA	0.98 U
Acetone	6.7	NA	12 U	12 U	13	12 U	12 U	13	12 U	18	23	NA	12 U
Benzene	11	4.7	0.7	1.2	1.1	1.4	1.4	1.6	2.3	2	2.9	NA	1.1
Carbon Disulfide	0.5	NA	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	NA	1.6 U
Chloromethane	1.5	1.4	1	1 U	1 U	1 U	1 U	1.1	1.2	1.3	1.2	NA	1.3
Cyclohexane	NA	NA	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.79	NA	0.69 U
Dichlorodifluoromethane	1.7	<1	3	3.1	14	11	11	3.1	2.9	4.9	4.9	NA	3.5
Ethylbenzene	5.4	<6	0.87 U	0.86	0.96	1.1	1.1	1.1	2	1.9	3	NA	0.87 U
Freon TF	NA	NA	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	2.2	24	NA	1.5 U
Isopropyl Alcohol	NA	NA	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	16	NA	12 U
Methyl Butyl Ketone	NA	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	2 U
Methyl Ethyl Ketone	NA	NA	1.5 U	1.5 U	1.5 U	1.9	1.9	2.4	2.4	2.1	5.9	NA	1.5 U
Methyl tert-Butyl Ether	NA	NA	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	NA	1.8 U
Methylene Chloride	6.3	3.8	2.4	3.2	8	2.4	2.4	2.3	1.7 U	2.2	5.2	NA	1.8
n-Heptane	2.5	NA	0.82 U	1.1	0.9	1.1	1.1	1.3	1.1	1.6	1.7	NA	0.82 U
n-Hexane	10	<3.5	0.7 U	1.1	8.1	1.4	1.4	2.4	2.6	3.4	3.3	NA	1.3
Styrene	1.4	<10	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	1.8	0.85 U	NA	0.85 U
Tetrachloroethene	5.9	<6.7	1.4 U	1.5	2.4	2.6	2.6	1.4 U	1.4 U	2.3	5.4	NA	1.4 U
Toluene	20	6.1	2.6	4.5	9	9.8	9.8	6.4	5.7	12	18	NA	3.5
Trichloroethene	2.5	<5.3	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	2.3	1.1 U	1.3	1.1 U	NA	2
Trichlorofluoromethane	1.2	<1	1.9	2	2	1.9	1.9	1.4	1.5	3.5	6.7	NA	2
Xylene (m,p)	14	<10	0.87	2.3	2.9	3.3	3.3	2.9	3.6	6.5	7.4	NA	1.5
Xylene (o)	6.5	<6.6	0.87 U	0.87 U	1	1	1	1.1	1.1	2.3	3	NA	0.87 U
Xylene (total)	NA	NA	0.91	2.4	4	4.3	4.3	4	4.8	8.7	11	NA	1.5

TABLE 2A
VOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor Air		AS-13 Downwind	AS-14Downwind	AS-16 DOWNWIND	AS-17 Downwind	AS-18Downwind	AS-19 DOWNWIND	AS-20 DOWNWIND	AS-22 Downwind	AS-23 Downwind	AS-24 (downwind)
Sampling Date	USEPA[1]	NYSDOH[2]	10/27/05	11/4/2005	11/14/2005	11/22/2005	11/30/2005	12/8/2005	12/16/2005	12/28/2005	01/04/2006	2/15/2006
Dilution Factor												
Units	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³
1,2,4-Trimethylbenzene	7.4	<10	0.98 U	3.6	4.9	1.1	3.1	0.98 U	2	2	0.98 U	0.58
1,3,5-Trimethylbenzene	2.5	<10	0.98 U	1.3	1.8	0.98 U	2 U	0.98 U	0.98 U	1.5 U	0.98 U	0.4 U
1,3-Butadiene	NA	NA	0.44 U	0.44 U	0.44 U	1.1 U	2.2 U	1.1 U	1.1 U	1.7 U	1.1 U	1 U
1,4-Dichlorobenzene	1.2	<6	1.2 U	1.6	1.2 U	1.2 U	2.4 U	1.2 U	1.2 U	1.8 U	1.2 U	0.4 U
2,2,4-Trimethylpentane	4.8	NA	0.93 U	1.4	0.93 U	0.93 U	1.9 U	0.93 U	0.93 U	1.4 U	0.93 U	0.4 U
4-Ethyltoluene	NA	NA	0.98 U	4.5	3.8	0.98 U	2.1	0.98 U	0.98 U	1.5 U	0.98 U	0.51
Acetone	6.7	NA	12 U	12 U	52	38	140	43	57	100	88	10 U
Benzene	11	4.7	0.93	2.1	2.5	0.99	1.7	4.2	2.3	1.9	1.7	1.2
Carbon Disulfide	0.5	NA	1.6 U	1.7	1.6 U	1.6 U	3.1 U	1.6 U	1.6 U	2.3 U	1.6 U	1 U
Chloromethane	1.5	1.4	1 U	1.3	2.3	1.2	2.1 U	1.8	2.1	1.5 U	1.9	1 U
Cyclohexane	NA	NA	0.69 U	0.69 U	1.7	0.69 U	1.4 U	0.69 U	0.69 U	1 U	0.69 U	0.4 U
Dichlorodifluoromethane	1.7	<1	3.2	4.2	2.5	3.4	4.9 U	4	4.4	3.7 U	5.4	1 U
Ethylbenzene	5.4	<6	0.87 U	1.6	2.3	0.87	1.7 U	1.1	2.3	1.5	0.87 U	0.74
Freon TF	NA	NA	1.5 U	1.5 U	1.5 U	1.5 U	3.1 U	1.5 U	1.5 U	2.3 U	3.1	0.4 U
Isopropyl Alcohol	NA	NA	12 U	12 U	71	12 U	25 U	12 U	12 U	18 U	12 U	10 U
Methyl Butyl Ketone	NA	NA	2 U	2 U	2 U	2 U	4.1 U	2 U	2 U	3.1 U	2 U	1 U
Methyl Ethyl Ketone	NA	NA	1.5 U	1.7	9.7	1.7	3.6	2	2.6	4.7	2.9	1 U
Methyl tert-Butyl Ether	NA	NA	1.8 U	4.3	1.8 U	1.8 U	3.6 U	1.8 U	1.8 U	2.7 U	1.8 U	1 U
Methylene Chloride	6.3	3.8	1.8	2.1	4.2	1.7 U	3.5 U	1.7 U	22	2.6 U	3	43
n-Heptane	2.5	NA	0.82 U	1.7	2	0.82 U	1.6 U	1	1.1	2	2	0.45
n-Hexane	10	<3.5	1.2	2.7	2.2	1.8 U	3.5 U	1.8 U	1.8 U	2.6 U	2	1 U
Styrene	1.4	<10	0.85 U	0.85 U	0.85 U	0.85 U	1.7 U	0.85 U	0.85 U	1.3 U	0.85 U	0.4 U
Tetrachloroethene	5.9	<6.7	1.4 U	1.4	1.4 U	1.4 U	2.7 U	1.4 U	1.4 U	2 U	2.3	0.4 U
Toluene	20	6.1	3.7	8.7	7.2	3.6	6.4	3.4	7.5	8.7	11	2.3
Trichloroethene	2.5	<5.3	1.1 U	5.4	1.1 U	1.1 U	2.1 U	1.1 U	1.1 U	1.6 U	1.1 U	0.4 U
Trichlorofluoromethane	1.2	<1	1.5	2	1.5	1.6	2.2 U	2	2.2	1.9	3.3	0.4 U
Xylene (m,p)	14	<10	1.7	4.8	6.1	2.2 U	4.3 U	2.2 U	4	3.5	2.2 U	1.7
Xylene (o)	6.5	<3.6	0.87 U	1.8	2.9	0.87 U	1.7 U	0.87 U	1.3	1.3 U	0.87 U	0.56
Xylene (total)	NA	NA	1.7	6.9	9.1	0.87 U	1.7 U	0.87 U	5.2	3.5	0.87 U	2.3

TABLE 2A
VOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor Air		AS-25 (downwind)	AS-27 (DOWNWIND)	AS-29 (downwind)	AS-29 (downwind)DL	AS-30 (downwind)	AS-31 (DOWNWIND)
Sampling Date	USEPA[1]	NYSDOH[2]	2/23/2006	3/3/2006	3/15/2006	3/15/2006	3/23/2006	3/29/2006
Dilution Factor								
Units	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³
1,2,4-Trimethylbenzene	7.4	<10	2.9 U	1.6 U	1.4	7.9 U	14 U	4.2
1,3,5-Trimethylbenzene	2.5	<10	2.9 U	1.6 U	0.98 U	7.9 U	14 U	3.9 U
1,3-Butadiene	NA	NA	3.3 U	1.8 U	1.1 U	8.8 U	16 U	4.4 U
1,4-Dichlorobenzene	1.2	<6	3.6 U	1.9 U	1.2 U	9.6 U	17 U	4.8 U
2,2,4-Trimethylpentane	4.8	NA	2.8 U	1.5 U	0.93 U	7.5 U	13 U	3.7 U
4-Ethyltoluene	NA	NA	2.9 U	1.6 U	1.2	7.9 U	14 U	3.9 U
Acetone	6.7	NA	74	140	450 E	520 D	880	330
Benzene	11	4.7	2.1	2.2	2.1	5.1 U	8.9 U	2.9
Carbon Disulfide	0.5	NA	4.7 U	2.5 U	1.6 U	12 U	22 U	6.2 U
Chloromethane	1.5	1.4	3.1 U	1.7 U	1.3	8.3 U	15 U	4.1 U
Cyclohexane	NA	NA	2.1 U	1.1 U	0.69 U	5.5 U	9.6 U	2.8 U
Dichlorodifluoromethane	1.7	<1	7.4 U	4 U	2.9	20 U	35 U	9.9 U
Ethylbenzene	5.4	<6	2.6 U	1.4 U	1.9	6.9 U	12 U	3.5 U
Freon TF	NA	NA	4.6 U	2.5 U	1.5 U	12 U	21 U	6.1 U
Isopropyl Alcohol	NA	NA	37 U	20 U	21	98 U	170 U	49 U
Methyl Butyl Ketone	NA	NA	6.1 U	3.3 U	3.2	16 U	29 U	8.2 U
Methyl Ethyl Ketone	NA	NA	2 J	4.4	29	29 D	21 U	5.9 U
Methyl tert-Butyl Ether	NA	NA	5.4 U	2.9 U	1.8 U	14 U	26 U	7.2 U
Methylene Chloride	6.3	3.8	300	2.8 U	1.7 U	14 U	25 U	6.9 U
n-Heptane	2.5	NA	2.5 U	1.3 U	0.82 U	6.6 U	11 U	3.3 U
n-Hexane	10	<3.5	5.3 U	2.8 U	1.8 U	14 U	25 U	7 U
Styrene	1.4	<10	2.6 U	1.4 U	1	6.8 U	12 U	3.4 U
Tetrachloroethene	5.9	<8.7	4.1 U	2.2 U	1.4 U	11 U	19 U	5.4 U
Toluene	20	6.1	3.5	3.6	5.7	8 U	14 U	7.9
Trichloroethene	2.5	<5.3	3.2 U	1.7 U	1.1 U	8.6 U	15 U	4.3 U
Trichlorofluoromethane	1.2	<1	2.1 J	1.8 U	1.6	9 U	16 U	4.5 U
Xylene (m,p)	14	<10	6.5 U	3.5 U	4.2	17 U	31 U	8.7 U
Xylene (o)	6.5	<3.6	2.6 U	1.4 U	1.3	6.9 U	12 U	3.5 U
Xylene (total)	NA	NA	2.6 U	1.4 U	5.6	6.9 U	12 U	3.5 U

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		AS-10 DOWNWIND		AS-11 DOWNWIND		AS-12 Downwind		AS-13 Downwind		QW-AS-14Downwind	
Sampling Date	USEPA[1]	NYSDOH[2]	10/6/2005		10/13/2005		10/19/2005		10/27/05		11/04/2005 0655	
Dilution Factor												
Units	ug/m3	ug/m3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3
Naphthalene	5.7	<10	22	0.183	10	0.083 U	15	0.125	24	0.200	130	1.083 E
Acenaphthene	N/A	N/A	10	0.083 U	10	0.083 U	10	0.083 U	10	0.083 U	23	0.192
Fluorene	N/A	N/A	10	0.083 U	10	0.083 U	10	0.083 U	10	0.083 U	11	0.092
Phenanthrene	N/A	N/A	10	0.083 U	10	0.083 U	10	0.083 U	10	0.083 U	19	0.158

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		QW-AS-14DownwindDL		QW-AS-16 DOWNWIND		QW-AS-16 DOWNWINDD		QW-AS-17 Downwind	
Sampling Date	USEPA[1]	NYSDOH[2]	11/04/2005 0655		11/14/2005 0703		11/14/2005 0703		11/22/2005 0747	
Dilution Factor										
Units	ug/m3	ug/m3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3
Naphthalene	5.7	<10	140	1.167 D	93	0.775 E	96	0.800 D	110	0.917 E
Acenaphthene	N/A	N/A	23	0.192 D	19	0.158	19	0.158 D	12	0.100
Fluorene	N/A	N/A	20	0.167 U	11	0.092	14	0.117 U	10	0.083 U
Phenanthrene	N/A	N/A	20	0.167 U	14	0.117	14	0.117 U	10	0.083 U

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		QW-AS-17 DownwindDL		QW-AS-18Downwind		QW-AS-19 DOWNWIND		QW-AS-19 DOWNWINDDL	
Sampling Date	USEPA[1]	NYSDOH[2]	11/22/2005 0747		11/30/2005 0720		12/8/2005		12/8/2005	
Dilution Factor							1.00		2.00	
Units	ug/m3	ug/m3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3
Naphthalene	5.7	<10	120	1.000 D	44	0.367	120	1.000 E	130	1.083 D
Acenaphthene	N/A	N/A	20	0.167 U	18	0.150	11	0.092	20	0.167 U
Fluorene	N/A	N/A	20	0.167 U	12	0.100	10	0.083 U	20	0.167 U
Phenanthrene	N/A	N/A	20	0.167 U	19	0.158	10	0.083 U	20	0.167 U

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		QW-AS-20DOWNWIND		QW-AS-21 Downwind		QW-AS-23 Downwind		QW-AS-24 (downwind)	
Sampling Date	USEPA[1]	NYSDOH[2]	12/16/2005		12/27/2005		01/04/2006		2/15/2006	
Dilution Factor			1.00		1.00		1.00		1.00	
Units	ug/m3	ug/m3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3
Naphthalene	5.7	<10	44	0.367	110	0.92 E	17	0.14	280	2.33 E
Acenaphthene	N/A	N/A	12	0.100	27	0.23	10	0.08 U	39	0.33
Fluorene	N/A	N/A	10	0.083 U	12	0.10	10	0.08 U	14	0.12
Phenanthrene	N/A	N/A	12	0.100	13	0.11	10	0.08 U	13	0.11

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		QW-AS-24 (downwind)DL		QW-AS-25 (downwind)		QW-AS-25 (downwind)DL		QW-AS-26 (downwind)	
Sampling Date	USEPA[1]	NYSDOH[2]	2/15/2006		2/23/2006		2/23/2006		3/2/2006	
Dilution Factor			5.00		1.00		3.33		1.00	
Units	ug/m3	ug/m3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3
Naphthalene	5.7	<10	240	2.00 D	72	0.60	68	0.57 D	85	0.71 E
Acenaphthene	N/A	N/A	50	0.42 U	12	0.10	33	0.28 U	10	0.08 U
Fluorene	N/A	N/A	50	0.42 U	10	0.08 U	33	0.28 U	10	0.08 U
Phenanthrene	N/A	N/A	50	0.42 U	11	0.09	33	0.28 U	10	0.08 U

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		QW-AS-26 (downwind)DL		QW-AS-30 (downwind)		QW-AS-30 (downwind)DL		QW-AS-31 (DOWNWIND)	
Sampling Date	USEPA[1]	NYSDOH[2]	3/2/2006		3/23/2006		3/23/2006		3/29/2006	
Dilution Factor			1.43		1.00		4.00		1.00	
Units	ug/m3	ug/m3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3
Naphthalene	5.7	<10	66	0.55 D	230	1.92 E	210	1.75 D	41	0.34
Acenaphthene	N/A	N/A	14	0.12 U	26	0.22	40	0.33 U	11	0.09
Fluorene	N/A	N/A	14	0.12 U	12	0.10	40	0.33 U	10	0.08 U
Phenanthrene	N/A	N/A	14	0.12 U	19	0.16	40	0.33 U	16	0.13

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		FIELD BLANK 16	Field Blank 18	FIELD BLANK 20	Field Blank 24	Field Blank 23
Sampling Date	USEPA[1]	NYSDOH[2]	11/14/2005 0703	11/30/2005 0720	12/16/2005 0721	02/15/2006 0710	01/04/2006
Dilution Factor					1	1	1
Units	ug/m3	ug/m3	ug/PUF	ug/PUF	ug/PUF	ug/PUF	ug/PUF
Naphthalene	5.7	<10	10 U	10 U	10 U	10 U	10 U
Acenaphthene	N/A	N/A	10 U	10 U	10 U	10 U	10 U
Fluorene	N/A	N/A	10 U	10 U	10 U	10 U	10 U
Phenanthrene	N/A	N/A	10 U	10 U	10 U	10 U	10 U

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		Field Blank 26	Field Blank 30
Sampling Date	USEPA[1]	NYSDOH[2]	38778	03/23/2006 0700
Dilution Factor			1	1
Units	ug/m3	ug/m3	ug/PUF	ug/PUF
Naphthalene	5.7	<10	10 U	10 U
Acenaphthene	N/A	N/A	10 U	10 U
Fluorene	N/A	N/A	10 U	10 U
Phenanthrene	N/A	N/A	10 U	10 U

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		AS-10 DOWNWIND		AS-11 DOWNWIND		AS-12 Downwind		AS-13 Downwind		QW-AS-14Downwind	
Sampling Date	USEPA[1]	NYSDOH[2]	10/6/2005		10/13/2005		10/19/2005		10/27/05		11/04/2005 0655	
Dilution Factor												
Units	ug/m3	ug/m3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3
Naphthalene	5.7	<10	22	0.183	10	0.083 U	15	0.125	24	0.200	130	1.083 E
Acenaphthene	N/A	N/A	10	0.083 U	10	0.083 U	10	0.083 U	10	0.083 U	23	0.192
Fluorene	N/A	N/A	10	0.083 U	10	0.083 U	10	0.083 U	10	0.083 U	11	0.092
Phenanthrene	N/A	N/A	10	0.083 U	10	0.083 U	10	0.083 U	10	0.083 U	19	0.158

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		QW-AS-14DownwindDL		QW-AS-16 DOWNWIND		QW-AS-16 DOWNWINDD		QW-AS-17 Downwind	
Sampling Date	USEPA[1]	NYSDOH[2]	11/04/2005 0655		11/14/2005 0703		11/14/2005 0703		11/22/2005 0747	
Dilution Factor										
Units	ug/m3	ug/m3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3
Naphthalene	5.7	<10	140	1.167 D	93	0.775 E	96	0.800 D	110	0.917 E
Acenaphthene	N/A	N/A	23	0.192 D	19	0.158	19	0.158 D	12	0.100
Fluorene	N/A	N/A	20	0.167 U	11	0.092	14	0.117 U	10	0.083 U
Phenanthrene	N/A	N/A	20	0.167 U	14	0.117	14	0.117 U	10	0.083 U

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		QW-AS-17 DownwindDL		QW-AS-18Downwind		QW-AS-19 DOWNWIND		QW-AS-19 DOWNWINDDL	
Sampling Date	USEPA[1]	NYSDOH[2]	11/22/2005 0747		11/30/2005 0720		12/8/2005		12/8/2005	
Dilution Factor							1.00		2.00	
Units	ug/m3	ug/m3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3
Naphthalene	5.7	<10	120	1.000 D	44	0.367	120	1.000 E	130	1.083 D
Acenaphthene	N/A	N/A	20	0.167 U	18	0.150	11	0.092	20	0.167 U
Fluorene	N/A	N/A	20	0.167 U	12	0.100	10	0.083 U	20	0.167 U
Phenanthrene	N/A	N/A	20	0.167 U	19	0.158	10	0.083 U	20	0.167 U

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		QW-AS-20DOWNWIND		QW-AS-21 Downwind		QW-AS-23 Downwind		QW-AS-24 (downwind)	
Sampling Date	USEPA[1]	NYSDOH[2]	12/16/2005		12/27/2005		01/04/2006		2/15/2006	
Dilution Factor			1.00		1.00		1.00		1.00	
Units	ug/m3	ug/m3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3
Naphthalene	5.7	<10	44	0.367	110	0.92 E	17	0.14	280	2.33 E
Acenaphthene	N/A	N/A	12	0.100	27	0.23	10	0.08 U	39	0.33
Fluorene	N/A	N/A	10	0.083 U	12	0.10	10	0.08 U	14	0.12
Phenanthrene	N/A	N/A	12	0.100	13	0.11	10	0.08 U	13	0.11

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		QW-AS-24 (downwind)DL		QW-AS-25 (downwind)		QW-AS-25 (downwind)DL		QW-AS-26 (downwind)	
Sampling Date	USEPA[1]	NYSDOH[2]	2/15/2006		2/23/2006		2/23/2006		3/2/2006	
Dilution Factor			5.00		1.00		3.33		1.00	
Units	ug/m3	ug/m3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3
Naphthalene	5.7	<10	240	2.00 D	72	0.60	68	0.57 D	85	0.71 E
Acenaphthene	N/A	N/A	50	0.42 U	12	0.10	33	0.28 U	10	0.08 U
Fluorene	N/A	N/A	50	0.42 U	10	0.08 U	33	0.28 U	10	0.08 U
Phenanthrene	N/A	N/A	50	0.42 U	11	0.09	33	0.28 U	10	0.08 U

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		QW-AS-26 (downwind)DL		QW-AS-30 (downwind)		QW-AS-30 (downwind)DL		QW-AS-31 (DOWNWIND)	
Sampling Date	USEPA[1]	NYSDOH[2]	3/2/2006		3/23/2006		3/23/2006		3/29/2006	
Dilution Factor			1.43		1.00		4.00		1.00	
Units	ug/m3	ug/m3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3	ug/PUF	ug/m^3
Naphthalene	5.7	<10	66	0.55 D	230	1.92 E	210	1.75 D	41	0.34
Acenaphthene	N/A	N/A	14	0.12 U	26	0.22	40	0.33 U	11	0.09
Fluorene	N/A	N/A	14	0.12 U	12	0.10	40	0.33 U	10	0.08 U
Phenanthrene	N/A	N/A	14	0.12 U	19	0.16	40	0.33 U	16	0.13

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		FIELD BLANK 16	Field Blank 18	FIELD BLANK 20	Field Blank 24	Field Blank 23
Sampling Date	USEPA[1]	NYSDOH[2]	11/14/2005 0703	11/30/2005 0720	12/16/2005 0721	02/15/2006 0710	01/04/2006
Dilution Factor					1	1	1
Units	ug/m3	ug/m3	ug/PUF	ug/PUF	ug/PUF	ug/PUF	ug/PUF
Naphthalene	5.7	<10	10 U	10 U	10 U	10 U	10 U
Acenaphthene	N/A	N/A	10 U	10 U	10 U	10 U	10 U
Fluorene	N/A	N/A	10 U	10 U	10 U	10 U	10 U
Phenanthrene	N/A	N/A	10 U	10 U	10 U	10 U	10 U

TABLE 2B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN CONFIRMATORY AIR SAMPLES
QUEENS WEST PARCEL 9

Sample ID	Background Outdoor		Field Blank 26	Field Blank 30
Sampling Date	USEPA[1]	NYSDOH[2]	38778	03/23/2006 0700
Dilution Factor			1	1
Units	ug/m3	ug/m3	ug/PUF	ug/PUF
Naphthalene	5.7	<10	10 U	10 U
Acenaphthene	N/A	N/A	10 U	10 U
Fluorene	N/A	N/A	10 U	10 U
Phenanthrene	N/A	N/A	10 U	10 U

Notes for Tables 2A and 2B

Samples were analyzed for volatile organic compounds using EPA Method TO-15 and semivolatile organic compounds using EPA Method TO-13 at STL Burlington, an NYSDOH-certified laboratory.

[1]United Stated Environmental Protection Agency Background Value for Outdoor Air (75th percentile).

[2]New York State Department of Health Background Value for Outdoor Air (75th percentile).

NA - No background concentration available.

U - Compound analyzed but not detected at a concentration above the reporting limit.

J - Estimated value.

E - Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D - Concentrations identified from analysis of the sample at a secondary dilution.

ug/PUF = micrograms per PUF sampler

ug/m^3 = micrograms per cubic meter (for SVOC analysis assumes PUF sampler flow rate of 0.25 cubic meters per minute, and an average sampling time of 8 hours (480 minutes)

TABLE 3A
VOLATILE ORGANIC COMPOUNDS DETECTED IN AIR TREATMENT SYSTEM INFLUENT AND EFFLUENT SAMPLES
QUEENS WEST PARCEL 9

	QW-INFLUENT1 11/15/2005 ug/m3	QW-EFFLUENT1 11/15/2005 ug/m3	QW-Influent2 12/19/2005 ug/m3	QW-Effluent2 12/19/2005 ug/m3	QW-INFLUENT-PH2 3/27/2006 ug/m3	QW-EFFLUENT-PH2 3/27/2006 ug/m3
1,2,4-Trimethylbenzene	15	2.4	130	3.5	9.8 U	2
1,3,5-Trimethylbenzene	6.9	0.98 U	54	1.3	9.8 U	0.98 U
1,3-Butadiene	2.9	0.44 U	53 U	1.1 U	11 U	1.1 U
2,2,4-Trimethylpentane	2.8	0.93 U	45 U	0.93 U	22	0.93 U
4-Ethyltoluene	16	2	230	4.6	10	1.4
Acetone	29	16	570 U	12 U	120 U	45
Benzene	42	2.2	3500	22	1000	0.64 U
Chloromethane	1.1	1.4	50 U	2	10 U	1.5
Cyclohexane	7.6	0.69 U	1000	5.2	250	0.69 U
Dichlorodifluoromethane	3	3.4	120 U	4.1	25 U	3
Ethylbenzene	24	2.7	1700	19	330	1.1
Isopropyl Alcohol	13	12 U	590 U	12 U	120 U	12 U
Methyl Butyl Ketone	13	5.3	98 U	2 U	20 U	2 U
Methyl Ethyl Ketone	5.9	2	71 U	1.5 U	15 U	1.5 U
Methylene Chloride	6.3	3.3	83 U	2	17 U	1.7 U
n-Heptane	15	1.1	1600	11	940	0.82 U
n-Hexane	7	1.5	740	4.6	210	1.8 U
Styrene	2.6	3.2	41 U	0.85 U	8.5 U	0.85 U
Tertiary butyl alcohol (TBA)	NR	NR	730 U	15 U	150 U	15 U
Tetrachloroethene	8.8	6.2	66 U	1.4 U	14 U	1.4 U
Toluene	36	12	680	7.2	640	1.3
Trichloroethene	3.2	1.1 U	52 U	1.1 U	11 U	1.1 U
Trichlorofluoromethane	1.4	1.1	54 U	1.7	11 U	2.1
Xylene (m,p)	40	9.1	1700	22	690	2.8
Xylene (o)	14	2.4	320	4.3	96	0.96
Xylene (total)	56	12	1900	25	830	4

Notes:

All samples were analyzed for volatile organic compounds using EPA Method TO-15 at STL Burlington, an NYSDOH-certified laboratory.

U - Compound analyzed but not detected at a concentration above the reporting limit.

ug/m^3 = micrograms per cubic meter

NR - not reported

TABLE 3B
AIR TREAMENT SYSTEM EMISSIONS CALCULATIONS - NOVEMBER 15, 2006
QUEENS WEST PARCEL 9

					Annual Impacts				Short Term Impacts		
CAS #	COMPOUND	Conc. (ug/m^3)[1]	Qh (lb/hr)[2]	Qa (lbs/year)[3]	Ca ($ug/m3$)[4]	Cp ($ug/m3$)[5]	Cc ($ug/m3$)[6]	ACG ($ug/m3$)[7]	Cst ($ug/m3$)[8]	Cest ($ug/m3$)[9]	SCG ($ug/m3$)[10]
75-71-8	Dichlorodifluoromethane	3.4	4.5239E-05	3.9628E-01	1.3371E-02	1.3356E-02	0.006505298	12,000	8.6813E-01	5.1630E-01	--
74-87-3	Chloromethane	1.4	1.8628E-05	1.6318E-01	5.5058E-03	5.4995E-03	0.003543358	90	3.5747E-01	2.1259E-01	22,000
75-69-4	Trichlorofluoromethane	1.1	1.4636E-05	1.2821E-01	4.3260E-03	4.3210E-03	0.002784067	--	2.8087E-01	1.6704E-01	560,000
	Methylene Chloride	3.3	4.3908E-05	3.8464E-01	1.2978E-02	1.2963E-02	0.008352201	n/a	8.4260E-01	5.0111E-01	n/a
71-43-2	Benzene	2.2	2.9272E-05	2.5643E-01	8.6519E-03	8.6420E-03	0.005568134	0.13	5.6173E-01	3.3408E-01	1,300
108-88-3	Toluene	12	1.5967E-04	1.3987E+00	4.7192E-02	4.7138E-02	0.03037164	400	3.0640E+00	1.8222E+00	37,000
127-18-4	Tetrachloroethene	6.2	8.2485E-05	7.2265E-01	2.4383E-02	2.4355E-02	0.015692014	1	1.5831E+00	9.4149E-01	1,000
100-41-4	Ethylbenzene	2.7	3.5926E-05	3.1470E-01	1.0618E-02	1.0606E-02	0.006833519	1,000	6.8940E-01	4.1000E-01	54,000
108-38-3/1	Xylene (m,p)	9.1	1.2108E-04	1.0607E+00	3.5787E-02	3.5747E-02	0.023031827	100	2.3235E+00	1.3819E+00	4,300
100-42-5	Styrene	3.2	4.2578E-05	3.7298E-01	1.2585E-02	1.2570E-02	0.008099104	1,000	8.1707E-01	4.8593E-01	17,000
95-47-6	Xylene (o)	2.4	3.1933E-05	2.7974E-01	9.4385E-03	9.4277E-03	0.006074328	100	6.1280E-01	3.6445E-01	4,300
	1,2,4-Trimethylbenzene	2.4	3.1933E-05	2.7974E-01	9.4385E-03	9.4277E-03	0.006074328	n/a	6.1280E-01	3.6445E-01	n/a
67-64-1	Acetone	16	2.1289E-04	1.8649E+00	6.2923E-02	6.2851E-02	0.040495521	28,000	4.0853E+00	2.4296E+00	180,000
78-93-3	Methyl Ethyl Ketone	2	2.6611E-05	2.3311E-01	7.8654E-03	7.8564E-03	0.00506194	5,000	5.1067E-01	3.0371E-01	59,000
591-78-6	Methyl Butyl Ketone	5.3	7.0520E-05	6.1775E-01	2.0843E-02	2.0819E-02	0.013414141	48	1.3533E+00	8.0482E-01	4,000
	4-Ethyltoluene	2	2.6611E-05	2.3311E-01	7.8654E-03	7.8564E-03	0.00506194	n/a	5.1067E-01	3.0371E-01	n/a
110-54-3	n-Hexane	1.5	1.9958E-05	1.7484E-01	5.8990E-03	5.8923E-03	0.003796455	200	3.8300E-01	2.2778E-01	--
142-82-5	n-Heptane	1.1	1.4636E-05	1.2821E-01	4.3260E-03	4.3210E-03	0.002784067	3,900	2.8087E-01	1.6704E-01	210,000
1330-20-7	Xylene (total)	12	1.5967E-04	1.3987E+00	4.7192E-02	4.7138E-02	0.03037164	100	3.0640E+00	1.8222E+00	4,300

Notes:

Calculations based on "Basic Cavity Impact" and "Standard Point Source Method" equations in Appendix B of NYSDEC DAR-1 Guidelines for the Control of Toxic Ambient Air Contaminants. (Assuming building (trailer) height h_b = 8.9 ft. and stack height h_s = 10 ft.)

CAS# = Chemical Abstract Service Number

[1]Conc. = contaminant concentration air treatment effluent sampled on November 15, 2005.

[2]Q_h = hourly emissions = Conc. * 3600 ft^3/min * 60 min/hr * 0.028 m^3/ft^3 * $2.2x10^{-9}$ lb/ug

[3]Q_a = annual emissions = Q_h * 8760

[4]C_a = actual annual impact = 6 * Q_a/h_e^2, where h_e = effective stack height = h_s = 55 fL (equation III.A.2)

[5]C_p = potential annual impact = 52500 * Q_a/h_e^2 (equation III.A.3)

[6]C_c = annual cavity impact = 1.72 * Q_a/h_b^2 (equation II.A.3)

[7]ACG - Annual guideline concentration, NYSDEC DAR-1 AGC/SCG Tables, December 22, 2003

[8]C_{st} = C_p * 65 (equation III.A.5)

[9]C_{est} = short-term cavity impact = 904000 * Q_h/h_b^2 (equation II.A.4)

[10]SCG - Short term guildine concentration, NYSDEC DAR-1 AGC/SCG Tables, December 22, 2003

-- No value listed.

n/a - compound not included in ACG/SCG tables.

ug/m³ = micrograms per cubic meter

lb/hr = pounds per hour

lb/yr = pounds per year

TABLE 3C
AIR TREAMENT SYSTEM EMISSIONS CALCULATIONS - DECEMBER 19, 2006
QUEENS WEST PARCEL 9

					Annual Impacts				Short Term Impacts		
CAS #	COMPOUND	Conc. (ug/m^3)[1]	Qh (lb/hr)[2]	Qa (lbs/year)[3]	Ca (ug/m^3)[4]	Cp (ug/m^3)[5]	Cc (ug/m^3)[6]	ACG (ug/m^3)[7]	Cst (ug/m^3)[8]	Ccst (ug/m^3)[9]	SCG (ug/m^3)[10]
75-71-8	Dichlorodifluoromethane	4.1	5.4553E-05	4.7788E-01	1.6124E-02	1.6106E-02	0.010376977	1.2E+04	1.0469E+00	6.2260E-01	–
74-87-3	Chloromethane (Methyl chloride)	2	2.6611E-05	2.3311E-01	7.8654E-03	7.8564E-03	0.00506194	9.0E+01	5.1067E-01	3.0371E-01	2.2E+04
75-69-4	Trichlorofluoromethane (Freon 11)	1.7	2.2620E-05	1.9815E-01	6.6856E-03	6.6779E-03	0.004302649	–	4.3407E-01	2.5815E-01	5.6E+05
75-09-2	Methylene Chloride	2	2.6611E-05	2.3311E-01	7.8654E-03	7.8564E-03	0.00506194	2.1E+00	5.1067E-01	3.0371E-01	1.4E+04
110-54-3	n-Hexane	4.6	6.1206E-05	5.3616E-01	1.8090E-02	1.8070E-02	0.011642462	2.0E+02	1.1745E+00	6.9852E-01	–
110-82-7	Cyclohexane	5.2	6.9189E-05	6.0610E-01	2.0450E-02	2.0427E-02	0.013161044	6.0E+03	1.3277E+00	7.8963E-01	–
71-43-2	Benzene	22	2.9272E-04	2.5643E+00	8.6519E-02	8.6420E-02	0.055681341	1.3E-01	5.6173E+00	3.3408E+00	1.3E+03
142-82-5	n-Heptane	11	1.4636E-04	1.2821E+00	4.3260E-02	4.3210E-02	0.02784067	3.9E+03	2.8087E+00	1.6704E+00	2.1E+05
108-88-3	Toluene	7.2	9.5800E-05	8.3921E-01	2.8315E-02	2.8283E-02	0.018222984	4.0E+02	1.8384E+00	1.0933E+00	3.7E+04
100-41-4	Ethylbenzene	19	2.5281E-04	2.2146E+00	7.4721E-02	7.4636E-02	0.048088431	1.0E+03	4.8513E+00	2.8852E+00	5.4E+04
1330-20-7	Xylene (m,p)	22	2.9272E-04	2.5643E+00	8.6519E-02	8.6420E-02	0.055681341	1.0E+02	5.6173E+00	3.3408E+00	4.3E+03
95-47-6	Xylene (o)	4.3	5.7214E-05	5.0120E-01	1.6911E-02	1.6891E-02	0.010883171	1.0E+02	1.0979E+00	6.5297E-01	4.3E+03
1330-20-7	Xylene (m&p)	25	3.3264E-04	2.9139E+00	9.8317E-02	9.8205E-02	0.063274251	1.0E+02	6.3833E+00	3.7963E+00	4.3E+03
622-96-8	4-Ethyltoluene (p-Ethyltoluene)	4.6	6.1206E-05	5.3616E-01	1.8090E-02	1.8070E-02	0.011642462	n/a	1.1745E+00	6.9852E-01	n/a
108-67-8	1,3,5-Trimethylbenzene	1.3	1.7297E-05	1.5152E-01	5.1125E-03	5.1067E-03	0.003290261	2.9E+02	3.3193E-01	1.9741E-01	–
95-63-6	1,2,4-Trimethylbenzene	3.5	4.6570E-05	4.0795E-01	1.3764E-02	1.3749E-02	0.008856395	2.9E+02	8.9367E-01	5.3148E-01	–

Notes:

Calculations based on "Basic Cavity Impact" and "Standard Point Source Method" equations in Appendix B of NYSDEC DAR-1 Guidelines for the Control of Toxic Ambient Air Contaminants. (Assuming building (trailer) height h_b = 8.9 ft. and stack height h_s = 10 ft.)

CAS# = Chemical Abstract Service Number

[1]Conc. = contaminant concentration air treatment effluent sampled on December 19, 2006.

[2]Q_h =hourly emissions = Conc. * 3600 ft ^{3}/min * 60 min/hr * 0.028 m ^{3}/ft^3 * 2.2x10^{-9} lb/ug

[3]Q_a = annual emissions = Q_h * 8760

[4]C_a = actual annual impact = 6 * Q_a/$h_e^{2.25}$, where h_e = effective stack height = h_s = 55 ft. (equation III.A.2)

[5]C_p = potential annual impact = 52500 * Q_h/$h_e^{2.25}$ (equation III.A.3)

[6]C_c = annual cavity impact = 1.72 * Q_a/h_b^2 (equation II.A.3)

[7]ACG - Annual guideline concentration, NYSDEC DAR-1 AGC/SCG Tables, December 22, 2003

[8]C_{st} = C_p * 65 (equation III.A.5)

[9]C_{cst} = short-term cavity impact = 904000 * Q_a/h_b^2 (equation II.A.4)

[10]SCG - Short term guideline concentration, NYSDEC DAR-1 AGC/SCG Tables, December 22, 2003

- - No value listed.

n/a - compound not included in ACG/SCG tables.

ug/m^3 = micrograms per cubic meter

lb/hr = pounds per hour

lb/yr = pounds per year

TABLE 3D
AIR TREAMENT SYSTEM EMISSIONS CALCULATIONS - MARCH 27, 2006
QUEENS WEST PARCEL 9

					Annual Impacts				Short Term Impacts		
CAS #	COMPOUND	Conc. (ug/m^3)[1]	Qh (lb/hr)[2]	Qa (lbs/year)[3]	Ca (ug/m^3)[4]	Cp (ug/m^3)[5]	Cc (ug/m^3)[6]	ACG (ug/m^3)[7]	Cst (ug/m^3)[8]	Ccst (ug/m^3)[9]	SCG (ug/m^3)[10]
75-71-8	Dichlorodifluoromethane	3	3.9917E-05	3.4967E-01	1.1798E-02	1.1785E-02	0.00759291	1.2E+04	7.6600E-01	4.5556E-01	--
74-87-3	Chloromethane (Methyl chloride)	1.5	1.9958E-05	1.7484E-01	5.8990E-03	5.8923E-03	0.003796455	9.0E+01	3.8300E-01	2.2778E-01	2.2E+04
75-69-4	Trichlorofluoromethane (Freon 11)	2.1	2.7942E-05	2.4477E-01	8.2587E-03	8.2492E-03	0.005315037	--	5.3620E-01	3.1889E-01	5.6E+05
67-64-1	Acetone (2-propanone)	45	5.9875E-04	5.2451E+00	1.7697E-01	1.7677E-01	0.113893651	2.1E+00	1.1490E+01	6.8334E+00	1.4E+04
108-88-3	Toluene	1.3	1.7297E-05	1.5152E-01	5.1125E-03	5.1067E-03	0.003290261	2.0E+02	3.3193E-01	1.9741E-01	--
100-41-4	Ethylbenzene	1.1	1.4636E-05	1.2821E-01	4.3260E-03	4.3210E-03	0.002784067	6.0E+03	2.8087E-01	1.6704E-01	--
1330-20-7	Xylene (m,p)	2.8	3.7256E-05	3.2636E-01	1.1012E-02	1.0999E-02	0.007086716	1.3E-01	7.1493E-01	4.2519E-01	1.3E+03
95-47-6	Xylene (o)	0.96	1.2773E-05	1.1189E-01	3.7754E-03	3.7711E-03	0.002429731	3.9E+03	2.4512E-01	1.4578E-01	2.1E+05
1330-20-7	Xylene (m&p)	4	5.3222E-05	4.6623E-01	1.5731E-02	1.5713E-02	0.01012388	4.0E+02	1.0213E+00	6.0741E-01	3.7E+04
622-96-8	4-Ethyltoluene (p-Ethyltoluene)	1.4	1.8628E-05	1.6318E-01	5.5058E-03	5.4995E-03	0.003543358	1.0E+03	3.5747E-01	2.1259E-01	5.4E+04
95-63-6	1,2,4-Trimethylbenzene	2	2.6611E-05	2.3311E-01	7.8654E-03	7.8564E-03	0.00506194	1.0E+02	5.1067E-01	3.0371E-01	4.3E+03

Notes:

Calculations based on "Basic Cavity Impact" and "Standard Point Source Method" equations in Appendix B of NYSDEC DAR-1 Guidelines for the Control of Toxic Ambient Air Contaminants. (Assuming building (trailer) height h_b = 8.9 ft. and stack height h_s = 10 ft.)

CAS# = Chemical Abstract Service Number
[1]Conc. = contaminant concentration air treatment effluent sampled on March 27, 2006.
[2]Q_h =hourly emissions = Conc. * 3600 ft ^{3}/min * 60 min/hr * 0.028 m ^{3}/ft^3 * 2.2×10^{-9} lb/ug
[3]Q_a = annual emissions = Q_h * 8760
[4]C_a = actual annual impact = 6 * $Q_a/h_e^{2.25}$, where h_e = effective stack height = h_s = 55 ft. (equation III.A.2)
[5]C_p = potential annual impact = 52500 * $Q_h/h_e^{2.25}$ (equation III.A.3)
[6]C_c = annual cavity impact = 1.72 * Q_a/h_b^2 (equation II.A.3)
[7]ACG - Annual guideline concentration, NYSDEC DAR-1 AGC/SCG Tables, December 22, 2003
[8]C_{st} = C_p * 65 (equation III.A.5)
[9]C_{cst} = short-term cavity impact = 904000 * Q_h/h_b^2 (equation II.A.4)
[7]SCG - Short term guildline concentration, NYSDEC DAR-1 AGC/SCG Tables, December 22, 2003
-- No value listed.
n/a - compound not included in ACG/SCG tables.
ug/m^3 = micrograms per cubic meter
lb/hr = pounds per hour
lb/yr = pounds per year

TABLE 4A
VOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-1(17FT)	EP-C1(18FT)	EP-C1(21FT)	EP-C2(17FT)	EP-C2(19FT)	EP-C2(21.6FT)	EP-C3(17.5)	EP-C3(18FT)
Dilution		1	1	1	1	1	1	1	1
Lab Sample ID		212260-006	212380-006	212380-001	212380-002	212409-001	212380-004	212380-003	212409-002
Date Sampled	SSSAL[1]	3/10/2006	3/16/2006	3/15/2006	3/15/2006	3/20/2006	3/15/2006	3/15/2006	3/20/2006
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound									
2-Butanone (MEK)	NA	150 U	2 U	2 U	130 U	130 U	2 U	150 U	2.1 U
4-Methyl-2-pentanone (MIBK)	NA	90 U	1.3 U	1.3 U	78 U	77 U	1.3 U	87 U	1.4 U
Acetone	NA	650 J	15 JB	12 JB	330 JB	250 J	29 B	300 JB	27
Benzene	60	280 J	0.96 U	1.8 J	980	44 U	27	930	33
Carbon disulfide	NA	120 U	0.68 U	0.66 U	100 U	99 U	0.66 U	110 U	0.72 U
Ethylbenzene	5,500	2100	0.88 U	0.86 U	9,600	1,700	88	4,800	4 J
m&p-Xylenes	600	2300	1.5 U	1.5 U	17,000	3,300	150	8,600	6.6
Methylene chloride	NA	180 J	7.8 JB	12 JB	84 JB	61 JB	11 JB	73 JB	5.5 JB
Methyl-tert-butyl-ether (MTBE)	NA	38 U	1 U	1 U	33 U	33 U	1 U	37 U	1.1 U
o-Xylene	1,200	720	0.86 U	0.85 U	9,300	1,800	57	4,300	1.2 J
Styrene	NA	64 U	1.2 U	1.2 U	55 U	55 U	1.2 U	62 U	1.2 U
Tetrachloroethene	NA	64 U	0.78 U	0.78 U	55 U	55 U	0.78 U	62 U	0.83 U
Toluene	1,500	91 J	0.94 U	0.93 U	13,000	210 J	14	3,100	2.4 J
Total VOCs	10,000	6271	22.8	25.8	50,294	7321	376	22,103	79.7

TABLE 4A
VOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C4-1(18FT)	EP-C4-2(18FT)	EP-C5(18)	EP-C5(19FT)	EP-C6(18)	EP-C6(20FT)	EP-7(22)	EP-7(24FT)	EP-C8-1(22FT)
Dilution		2	1	1	1	1	1	1	1	1
Lab Sample ID		212409-003	212409-007	212461-001	212409-011	212461-002	212380-012	212268-005	212268-004	212380-005
Date Sampled	SSSAL[1]	3/21/2006	3/22/2006	3/27/2006	3/24/2006	3/27/2006	3/17/2006	3/3/2006	3/3/2006	3/15/2006
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound										
2-Butanone (MEK)	NA	4 U	2 U	150 U	2 U	150 U	2.2 U	160 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	NA	2.6 U	1.3 U	90 U	1.3 U	88 U	1.4 U	93 U	1.3 U	1.3 U
Acetone	NA	28 J	20 J	180 U	9.8 J	250 J	38	250 J	13 J	20 JB
Benzene	60	5.2 J	1.5 J	690	9.5	400 J	2.9 J	4,600	1.8 J	0.96 U
Carbon disulfide	NA	1.4 U	0.69 U	120 U	0.69 U	110 U	0.74 U	120 U	0.7 U	0.69 U
Ethylbenzene	5,500	150	0.69 U	130 U	3 J	130 U	1.5 J	15,000	1.9 J	0.9 U
m&p-Xylenes	500	270	1.5 U	180 J	2.1 J	110 U	1.8 J	30,000	3.8 J	1.6 U
Methylene chloride	NA	7.4 JB	3.7 JB	81 JB	11 JB	180 JB	12 JB	53 UB	5.7 JB	11 JB
Methyl-tert-butyl-ether (MTBE)	NA	2.1 U	1 U	38 U	1.1 U	38 U	1.1 U	40 U	1.1 U	1.1 U
o-Xylene	1,200	160	0.87 U	83 J	0.97 J	50 U	0.94 U	11,000	2.2 J	0.86 U
Styrene	NA	2.4 U	1.2 U	64 U	1.2 U	63 U	1.3 U	66 U	1.2 U	1.2 U
Tetrachloroethene	NA	1.6 U	0.79 U	64 U	0.79 U	63 U	0.85 U	66 U	0.8 U	0.8 U
Toluene	1,500	25	2 J	130 J	1.6 J	38 U	2.2 J	4,800	1.4 J	0.95 U
Total VOCs	10,000	643.6	27.2	1164	37.97	830	56.4	65,703	29.6	31

TABLE 4A
VOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C8-2(22FT)	EP-C9(22FT)	EP-C10(18FT)	EP-C10(22FT)	EP-C11(18FT)	EP-C11(22FT)	EP-C12-2(18FT)	EP-C12-1(18FT)
Dilution		1	1	1	1	1	5	1	1
Lab Sample ID		212380-007	212380-008	212409-004	212380-009	212409-005	212380-010	212409-008	212409-009
Date Sampled	SSSAL[1]	3/16/2006	3/17/2006	3/20/2006	3/17/2006	3/20/2006	3/17/2006	3/22/2006	3/22/2006
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound									
2-Butanone (MEK)	NA	2 U	2.1 U	150 U	2 U	150 U	10 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	NA	1.3 U	1.4 U	65 U	1.3 U	66 U	6.6 U	1.3 U	1.3 U
Acetone	NA	26 B	32	220 J	21 J	170 U	44 J	12 J	14 J
Benzene	60	22	1 U	1,500	1.1 J	15,000	15 J	32	21
Carbon disulfide	NA	0.69 U	0.73 UB	110 U	0.69 UB	110 U	3.4 U	0.67 U	0.69 U
Ethylbenzene	5,500	2.6 J	0.95 U	1,700	9.3	21,000	200	8.4	74
m&p-Xylenes	500	17	1.6 U	1,100	13	29,000	320	12	150
Methylene chloride	NA	6.8 JB	4.7 JB	65 JB	4.4 JB	74 JB	39 JB	3.4 JB	3.8 JB
Methyl-tert-butyl-ether (MTBE)	NA	1.1 U	1.1 U	36 U	1 U	37 U	5.2 U	1 U	1 U
o-Xylene	1,200	8.9	0.93 U	250 J	7.5	4,600	150	7.3	85
Styrene	NA	1.2 U	1.3 U	61 U	1.2 U	61 U	6 U	1.2 U	1.2 U
Tetrachloroethene	NA	0.79 U	0.84 U	61 U	0.79 U	61 U	3.9 U	0.77 U	0.79 U
Toluene	1,500	1.9 J	3.8 JB	210 J	2 JB	1,700	5.4 J	20	5.1 J
Total VOCs	10,000	85.2	41.23	5,065	58.99	71,374	773.4	95.1	352.4

TABLE 4A
VOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C13-1(19FT)	EP-C13-2(19FT)	EP-C14-1(18FT)	EP-C14-2(18FT)	EP-15(23.5FT)	EP-16(15)	EP-16(23)	EP-17(20)	EP-18(14FT)
Dilution		1	1	1	5	1	1	1	4	1
Lab Sample ID		212409-010	212461-004	212461-003	212461-005	212280-007	212280-005	212280-004	212280-003	212280-001
Date Sampled	SSSAL[1]	3/24/2006	3/29/2006	3/28/2006	3/29/2006	3/10/2006	3/9/2006	3/9/2006	3/7/2006	3/6/2006
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound										
2-Butanone (MEK)	NA	2 U	150 U	170 U	10 U	2 U	150 U	2 U	570 U	150 U
4-Methyl-2-pentanone (MIBK)	NA	1.3 U	87 U	98 U	6.6 U	1.3 U	88 U	1.3 U	330 U	85 U
Acetone	NA	13 J	170 U	460 J	42 J	21 J	270 J	17 J	960 J	170 U
Benzene	60	39	1400	2300	470	6.3	1,100	8	9,200	5,300
Carbon disulfide	NA	0.69 U	110 U	130 U	3.4 U	0.66 U	110 U	0.68 U	430 U	110 U
Ethylbenzene	5,500	2.3 J	1600	140 U	33	6.6	2,800	2.5 J	47,000	19,000
m&p-Xylenes	500	1.6 U	4700	130 U	39	20	3,500	2.2 J	79,000	16,000
Methylene chloride	NA	12 JB	77 JB	92 JB	24 JB	5.8 JB	59 J	5.7 JB	190 UB	48 UHB
Methyl-tert-butyl-ether (MTBE)	NA	1.1 U	37 U	42 U	5.2 U	1.2 J	38 U	1 U	140 U	36 U
o-Xylene	1,200	0.88 U	1200	56 U	14 J	19	1,500	0.86 U	8,400	2,700
Styrene	NA	1.2 U	62 U	70 U	6 U	1.7 J	62 U	1.2 U	240 U	61 U
Tetrachloroethene	NA	0.8 U	62 U	70 U	3.9 U	0.78 U	62 U	0.78 U	1,000 JH	61 U
Toluene	1,500	1.7 J	100 JH	42 U	28 JB	4.5 J	2,600	0.94 U	2,200 J	490 J
Total VOCs	10,000	68	9077	2852	650	86.1	11,829	35.4	147,950	43,538

TABLE 4A
VOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID Dilution Lab Sample ID Date Sampled Units	SSSAL[1] ug/Kg	EP-18(22FT) 40 212280-002 3/6/2006 ug/Kg	EP-19(17FT) 1 212268-002 3/2/2006 ug/Kg	EP-19(19FT) 1 212268-003 3/2/2006 ug/Kg	EP-C20(18FT) 2 212207-005 2/22/2006 ug/Kg	EP-C21-1(25) 1 211526-007 12/7/2005 ug/Kg	EP-C21-2 (25) 5 211608-001 12/12/2005 ug/Kg	EP-C22-1 (24) 1 211608-003 12/12/2005 ug/Kg	EP-C22-2 (24) 1 211608-004 12/12/2005 ug/Kg	EP-C23-1(24) 1 211668-003 12/19/2005 ug/Kg
Compound										
2-Butanone (MEK)	NA	5,400 U	150 U	2.1 **U**	4.2 U	2.6 U	13 U	140 U	11 J	2.6 **U**
4-Methyl-2-pentanone (MIBK)	NA	3,200 U	85 U	1.4 **U**	2.8 U	1.1 U	5.6 U	5.8 U	1.3 U	1.1 **U**
Acetone	NA	6,300 U	270 J	25 **B**	21 J	7.3 J	21 JB	290 JB	12 J	21 JB
Benzene	60	190,000	2,300	2.8 J	180	9.3	45 U	640	170	45
Carbon disulfide	NA	4,100 U	110 U	0.71 **U**	1.4 U	1.9 U	9.6 U	110 U	2.1 U	1.9 **U**
Ethylbenzene	5,500	170,000	14,000	3.8 **J**	12	84	110 U	120 U	15	5.9
m&p-Xylenes	600	240,000	39,000	3.3 **J**	17	79	74	110 U	4.2 **U**	3.8 U
Methylene chloride	NA	5,000 JB	49 UB	5.6 JB	11 JB	6.2 JB	20 U	440 JB	21 JB	4 U
Methyl-tert-butyl-ether (MTBE)	NA	1,400 **U**	36 U	1.4 U	2.2 U	0.89 J	34 U	35 U	0.38 **U**	0.34 U
o-Xylene	1,200	110,000	10,000	1.9 **J**	3.5 J	46	45 U	12 J	1.5 **U**	1.4 U
Styrene	NA	2,300 **U**	61 U	1.2 U	2.5 U	3.2 J	5.8 U	5.8 U	1.3 **U**	1.1 U
Tetrachloroethene	NA	2,300 **U**	61 U	0.81 U	1.6 U	2.1 U	56 U	58 U	2.4 **U**	2.2 U
Toluene	1,500	630,000	2,000 H	0.98 U	3.2 J	27	20 J	35 U	2.1 **U**	1.9 U
Total VOCs	10,000	1,345,000	67,619	42.4	247.7	424.78	230	2764	458	143.8

TABLE 4A
VOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C23-2(24)	EP-C24-1(23)	EP-C24-2(23)	EP-C25-1 (23)	EP-C25-2 (23)	EP-C26-1 (20.5)	EP-C26-2(20)	EP-C26-3(22)
Dilution		1	1	5	1	1	1	1	1
Lab Sample ID		211608-004	211608-014	211608-015	211608-005	211608-006	211526-002	211526-003	211526-010
Date Sampled		12/19/2005	12/15/2005	12/15/2005	12/13/2005	12/13/2005	12/3/2005	12/6/2005	12/9/2005
Units	SSSAL[1] ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound									
2-Butanone (MEK)	NA	2.6 U	2.7 U	14 U	120	49	2.8 U	100	170
4-Methyl-2-pentanone (MIBK)	NA	1.1 U	1.2 U	6.1 U	6.2 J	1.2 U	1.2 U	1.2 U	10 J
Acetone	NA	17 JB	27 B	47 JB	24 B	19 JB	13 J	22 J	15 J
Benzene	60	11	23	390	56	1.6 U	16	46	120
Carbon disulfide	NA	1.9 U	2 U	10 U	1.9 U	2 U	2.1 U	2 U	1.9 U
Ethylbenzene	5,500	3.2 J	9.2	150	21	5.3 J	2.2 U	4.5 J	48
m&p-Xylenes	600	3.7 U	4.7 J	130	32	3.8 U	4.1 U	9.7	40
Methylene chloride	NA	3.9 U	4.3 J	21 U	4 U	4 U	7 JB	7.4 JB	23 JB
Methyl-tert-butyl-ether (MTBE)	NA	0.33 U	0.36 U	1.8 U	0.34 U	0.35 U	0.37 U	0.36 U	0.34 U
o-Xylene	1,200	1.3 U	1.4 U	50	14	1.4 U	1.5 U	1.9 J	20
Styrene	NA	1.1 U	1.2 U	6.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.1 U
Tetrachloroethene	NA	2.1 U	2.2 U	12 U	2.2 U	2.2 U	2.3 U	2.3 U	2.2 U
Toluene	1,500	1.9 U	2 U	23 J	7	2 U	2.1 U	2 U	25
Total VOCs	10,000	62.4	136.4	1580	560.4	146.6	72	383	942

TABLE 4A
VOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C26-4(22)	EP-C27-1(20)	EP-C27-2(29)	EP-C28-1(20)	EP-C28-2(21)	EP-C28-3(22)	EP-C28-4(22)	EP-C29-1(34)
Dilution		2	5	1	1	1	1	1	1
Lab Sample ID		211526-009	211472-001	211762-005	211526-008	211608-012	211749-010	211790-003	211668-002
Date Sampled	SSSAL[1]	12/9/2005	11/29/2005	12/26/2005	12/9/2005	12/15/2005	12/27/2005	1/5/2006	12/17/2005
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound									
2-Butanone (MEK)	NA	140	15 U	130	190	2.6 U	85	2 U	3 U
4-Methyl-2-pentanone (MIBK)	NA	17 J	6.7 U	5.9 J	7.9 J	1.1 U	3.5 J	1.3 U	1.3 U
Acetone	NA	22 J	31 J	18 J	13 J	8 JB	16 JB	14 J	11 JB
Benzene	60	280	47	14	3.5 J	350 A	85	6.3	22
Carbon disulfide	NA	3.9 U	11 U	0.77 U	2 U	1.9 U	0.69 U	0.67 U	2.2 U
Ethylbenzene	5,500	120	200	3.7 J	2.1 U	23	24	0.87 U	250
m&p-Xylenes	600	48	370	2.5 J	3.9 U	23	23	1.5 U	250
Methylene chloride	NA	30 JB	35 JB	14 JB	17 JB	4 U	4.7 J	6.5 JB	4.6 U
Methyl-tert-butyl-ether (MTBE)	NA	0.69 U	2 U	1.2 U	0.35 U	0.34 U	1 U	1 U	0.4 U
o-Xylene	1,200	14	100	0.97 U	1.4 U	7	5.5 J	0.86 U	190
Styrene	NA	2.3 U	6.7 U	1.3 U	1.2 U	1.1 U	1.2 U	1.2 U	13
Tetrachloroethene	NA	4.4 U	13 U	0.88 U	2.2 U	2.2 U	0.79 U	0.77 U	2.5 U
Toluene	1,500	98	27 JB	1.1 U	2 U	10	3.4 J	0.92 U	66
Total VOCs	10,000	1538	1620	376.2	462.8	842	500.2	57.6	1604

TABLE 4A
VOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C30-2(30)	EP-C31-1(28)	EP-C31-1(29)	EP-TRIANGLE-1(26)	EP-TRIANGLE-2(24)	WC-TRIANGLE-3(26)	EP-TRIANGLE-2(20)	QW-FB-2-1
Dilution		1	1	1	1	2	5	5	1
Lab Sample ID		211776-001	211668-001	211776-002	211608-007	211608-008	211608-010	211790-001	212409-006
Date Sampled		12/29/2005	12/16/2005	12/30/2005	12/14/2005	12/14/2005	12/14/2005	1/4/2006	3/21/2006
Units	SSSAL[1] ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/L
Compound									
2-Butanone (MEK)	NA	54	3 U	75	3.8 U	5.9 U	56 J	11 U	7.9 J
4-Methyl-2-pentanone (MIBK)	NA	1.5 U	1.3 U	4.4 J	1.6 U	2.6 U	6.5 U	7.4 U	0.7 U
Acetone	NA	17 J	9.6 JB	16 J	14 J	19 J	40 J	20 U	6.5 J
Benzene	60	1.1 U	10	1.1 U	160	210	450	80	0.96 J
Carbon disulfide	NA	0.8 U	2.2 U	0.79 U	2.8 U	4.3 U	11 U	4 J	0.9 U
Ethylbenzene	5,500	1 U	2.9 J	1 U	31	11 J	88	310	1 U
m&p-Xylenes	600	1.8 U	4.2 U	1.8 U	5.4 U	9.1 J	40	590	0.9 U
Methylene chloride	NA	15 JB	5.4 J	15 JB	5.8 U	8.9 U	23 U	45 JB	0.67 JB
Methyl-tert-butyl-ether (MTBE)	NA	1.2 U	0.39 U	1.2 U	0.49 U	0.77 U	2 U	5.8 U	0.3 U
o-Xylene	1,200	1 U	1.5 U	1 U	2 U	5.1 J	8.5 J	360	0.4 U
Styrene	NA	1.4 U	1.3 U	1.4 U	1.6 U	2.6 U	6.5 U	6.6 U	0.5 U
Tetrachloroethene	NA	0.92 U	2.4 U	0.91 U	3.1 U	4.9 U	12 U	4.4 U	0.5 U
Toluene	1,500	1.1 U	2.2 U	1.1 U	2.8 U	9.1 J	14 J	170	0.46 J
Total VOCs	10,000	172	55.8	220.8	410	526.6	1397	3118	16.49

TABLE 4B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		QW-EP-1(17FT)	EP-C1(18FT)	EP-C1(21FT)	EP-C2(17FT)	EP-C2(19FT)	EP-C2(21.6FT)	EP-C3(17.5)	EP-C3(18FT)	EP-C4-1(18FT)
Dilution		2	1	1	1	1	4	1	1	1
Lab Sample ID		212280-006	212380-006	212380-001	212380-002	212409-001	212380-004	212380-003	212409-002	212409-003
Date Sampled		3/10/2006	3/16/2006	3/15/2006	3/15/2006	3/20/2006	3/15/2006	3/15/2006	3/20/2006	3/21/2006
Units	SSSAL[1] ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound										
Phenol	NA	240 U	110 U	100 U	100 U	100 U	420 U	120 U	110 U	250 J
2 4-Dimethylphenol	NA	430 U	190 U	180 U	180 U	180 U	740 U	210 U	190 U	180 U
Naphthalene	13,000	2,500	62 U	60 U	370	1,900	11,000	130 J	92 J	2,900
4-Chloroaniline	NA	260 U	120 U	110 U	110 U	110 U	460 U	130 U	120 U	110 U
2-Methylnaphthalene	NA	720 J	58 U	56 U	490	1,900	13,000	65 U	65 J	3,100
2-Chloronaphthalene	NA	120 U	53 U	52 U	52 U	52 U	210 U	60 U	55 U	52 U
Acenaphthylene	NA	100 U	45 U	43 U	44 U	170 J	860 J	50 U	46 U	420
Acenaphthene	NA	760 J	60 U	83 J	59 U	180 J	1,200 J	67 U	62 U	300 J
Dibenzofuran	NA	750 J	58 U	170 J	57 U	56 U	230 U	65 U	59 U	80 J
Fluorene	NA	1,400	47 U	110 J	100 J	350	2,300	53 U	48 U	610
Diethyl phthalate	NA	120 U	53 U	52 U	52 U	52 U	210 U	60 U	55 U	52 U
Phenanthrene	NA	2,500	42 U	290 J	260 J	1,100	5,200	48 U	55 J	1,900
Anthracene	NA	7,000	60 U	58 U	73 J	300 J	1,500	67 U	62 U	530
Carbazole	NA	420 J	53 U	52 U	52 U	52 U	210 U	60 U	55 U	52 U
Di-n-butyl phthalate	NA	110 U	48 U	47 U	47 U	46 U	190 U	54 U	49 U	46 U
Fluoranthene	NA	920	46 U	58 J	48 J	230 J	870 J	51 U	47 U	370
Pyrene	NA	770 J	50 U	49 U	180 J	740	3,400	56 U	51 U	1,200
Butyl benzyl phthalate	NA	110 U	47 U	46 U	46 U	45 U	180 U	53 U	48 U	45 U
Benzo(a)anthracene	NA	170 J	49 U	48 U	48 U	140 J	520 J	55 U	50 U	260 J
Chrysene	NA	130 J	46 U	45 U	45 U	160 J	610 J	51 U	47 U	300 J
Bis(2-ethylhexyl)phthalate	NA	110 U	48 U	47 U	47 U	46 U	190 U	54 U	49 U	46 U
Benzo(b)fluoranthene	NA	230 U	100 U	99 U	99 U	98 U	400 U	110 U	100 U	98 U
Benzo(k)fluoranthene	NA	92 U	40 U	39 U	39 U	39 U	160 U	45 U	41 U	39 U
Benzo(a)pyrene	NA	100 U	45 U	43 U	44 U	86 J	360 J	50 U	46 U	210 J
Indeno(1 2 3-cd)pyrene	NA	84 U	37 U	36 U	36 U	36 U	150 U	42 U	38 U	67 J
Dibenzo(a h)anthracene	NA	92 U	40 U	39 U	39 U	39 U	160 U	45 U	41 U	39 U
Benzo(ghi)perylene	NA	92 U	40 U	39 U	39 U	57 J	190 J	45 U	41 U	110 J
Total SVOCs	**500,000**	18,040	0	711	1,521	7,313	41,010	130	212	12,607

TABLE 4B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C4-2(18FT)	EP-C5(18)	EP-C5(19FT)	EP-C6(18)	EP-C6(20FT)	EP-7(22)	EP-7(24FT)	EP-C8-1(22FT)	EP-C8-2(22FT)
Dilution		1	1	1	1	1	1	1	1	1
Lab Sample ID		212409-007	212461-001	212409-011	212461-002	212380-012	212268-005	212268-004	212380-005	212380-007
Date Sampled		3/22/2006	3/27/2006	3/24/2006	3/27/2006	3/17/2006	3/3/2006	3/3/2006	3/15/2006	3/16/2006
Units	SSSAL[1] ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound										
Phenol	NA	110 U	120 U	110 J	120 U	110 U	120 U	110 U	110 U	110 U
2 4-Dimethylphenol	NA	190 U	220 U	190 U	210 U	200 U	220 U	190 U	190 U	190 U
Naphthalene	13,000	240 J	1,700	910	1,200	95 J	5,700	930	130 J	63 U
4-Chloroaniline	NA	120 U	130 U	120 U	130 U	130 U	130 U	120 U	120 U	120 U
2-Methylnaphthalene	NA	190 J	600	280 J	610	62 U	1,800	290 J	59 U	59 U
2-Chloronaphthalene	NA	55 U	62 U	53 U	59 U	58 U	62 U	54 U	54 U	54 U
Acenaphthylene	NA	46 U	340 J	44 U	230 J	48 U	52 U	45 U	45 U	45 U
Acenaphthene	NA	62 J	820	87 J	340 J	370 J	1,300	240 J	61 U	61 U
Dibenzofuran	NA	59 U	800	57 U	370 J	62 U	1,200	430	120 J	59 U
Fluorene	NA	92 J	990	46 U	490	130 J	1,100	260 J	98 J	48 U
Diethyl phthalate	NA	55 U	62 U	53 U	59 U	87 JB	62 U	54 U	54 U	54 U
Phenanthrene	NA	320 J	4,700 B	42 U	1,500 B	46 U	2,300	730	180 J	67 J
Anthracene	NA	89 J	1,200	59 U	520	65 U	610	78 J	61 U	61 U
Carbazole	NA	55 U	240 J	53 U	170 J	58 U	330 J	86 J	54 U	54 U
Di-n-butyl phthalate	NA	49 U	55 U	47 U	53 U	52 U	55 UB	49 UB	49 U	49 U
Fluoranthene	NA	120 J	3,400 B	45 U	870 B	49 U	550	46 U	46 U	47 U
Pyrene	NA	170 J	3,200	50 U	820	54 U	540	51 U	51 U	51 U
Butyl benzyl phthalate	NA	48 U	54 U	46 U	52 U	51 U	54 U	47 U	48 U	48 U
Benzo(a)anthracene	NA	58 J	1,400	48 U	370 J	53 U	130 J	50 U	50 U	50 U
Chrysene	NA	52 J	1,300	45 U	400	49 U	94 J	46 U	46 U	47 U
Bis(2-ethylhexyl)phthalate	NA	49 U	55 U	47 U	110 J	52 U	55 U	49 U	49 U	49 U
Benzo(b)fluoranthene	NA	100 U	1,200	100 U	280 JM	110 U	120 U	100 U	100 U	100 U
Benzo(k)fluoranthene	NA	41 U	390 J	40 U	110 JM	44 U	47 U	41 U	41 U	41 U
Benzo(a)pyrene	NA	46 U	1,100	44 U	290 J	48 U	68 J	45 U	45 U	45 U
Indeno(1 2 3-cd)pyrene	NA	38 U	750 B	37 U	190 JB	40 U	43 J	38 U	38 U	38 U
Dibenzo(a h)anthracene	NA	41 U	180 JM	40 U	54 J	44 U	47 U	41 U	41 U	41 U
Benzo(ghi)perylene	NA	41 U	710	40 U	200 J	44 U	50 J	41 U	41 U	41 U
Total SVOCs	500,000	1,393	25,020	1,387	9,124	682	15,870	3,093	528	67

TABLE 4B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID Dilution Lab Sample ID Date Sampled Units	SSSAL[1] ug/Kg	EP-C9(22FT) 1 212380-008 3/17/2006 ug/Kg	EP-C10(22FT) 1 212380-009 3/17/2006 ug/Kg	EP-C10(18FT) 2 212409-004 3/20/2006 ug/Kg	EP-C11(18FT) 5 212409-005 3/20/2006 ug/Kg	EP-C11(22FT) 1 212380-010 3/17/2006 ug/Kg	EP-C12-2(18FT) 1 212409-008 3/22/2006 ug/Kg	EP-C12-1(18FT) 1 212409-009 3/22/2006 ug/Kg	EP-C13-1(19FT) 1 212409-010 3/24/2006 ug/Kg
Compound									
Phenol	NA	110 U	110 U	230 U	570 U	110 U	140 J	120 J	110 J
2 4-Dimethylphenol	NA	200 U	190 U	410 U	1,000 U	190 U	180 U	190 U	180 U
Naphthalene	13,000	250 J	240 J	5,700	18,000	1,000	680	1,400	280 J
4-Chloroaniline	NA	120 U	120 U	260 U	630 U	120 U	110 U	120 U	110 U
2-Methylnaphthalene	NA	150 J	310 J	6,100	20,000	1,200	320 J	940	74 J
2-Chloronaphthalene	NA	57 U	55 U	120 U	290 U	54 U	51 U	54 U	53 U
Acenaphthylene	NA	47 U	46 U	700 J	1,300 J	120 J	200 J	300 J	44 U
Acenaphthene	NA	110 J	71 J	1,400	4,100	180 J	140 J	190 J	59 U
Dibenzofuran	NA	81 U	59 U	610 J	600 JM	58 U	220 J	210 J	57 U
Fluorene	NA	120 J	110 J	1,700	3,600 M	270 J	300 J	420	51 J
Diethyl phthalate	NA	98 JB	96 JB	120 U	290 U	85 JB	51 U	54 U	53 U
Phenanthrene	NA	280 J	300 J	6,400	13,000	770	930	1,600	160 J
Anthracene	NA	93 J	98 J	1,900	3,500	210 J	280 J	420	59 U
Carbazole	NA	57 U	55 U	280 J	290 U	54 U	210 J	150 J	53 U
Di-n-butyl phthalate	NA	51 U	49 U	110 U	260 U	49 U	46 U	49 U	47 U
Fluoranthene	NA	60 J	96 J	3,200	3,000	150 J	530	770	100 J
Pyrene	NA	160 J	200 J	4,600	8,500	580	440	900	92 J
Butyl benzyl phthalate	NA	50 U	48 U	100 U	250 U	47 U	45 U	47 U	46 U
Benzo(a)anthracene	NA	52 U	52 J	1,800	1,900 J	110 J	220 J	340 J	48 U
Chrysene	NA	49 U	53 J	1,800	2,300	130 J	190 J	290 J	45 U
Bis(2-ethylhexyl)phthalate	NA	51 U	49 U	110 U	260 U	49 U	46 U	49 U	47 U
Benzo(b)fluoranthene	NA	110 U	100 U	1,000	550 U	100 U	110 JH	140 JH	100 U
Benzo(k)fluoranthene	NA	43 U	41 U	940	800 J	41 U	130 J	210 J	40 U
Benzo(a)pyrene	NA	47 U	46 U	1,400	1,700 J	73 J	160 J	260 J	44 U
Indeno(1 2 3-cd)pyrene	NA	39 U	38 U	740 J	460 J	37 U	81 J	130 J	37 U
Dibenzo(a h)anthracene	NA	43 U	41 U	180 J	220 U	41 U	38 U	41 U	40 U
Benzo(ghi)perylene	NA	43 U	41 U	790	760 J	41 U	69 J	130 J	40 U
Total SVOCs	500,000	1,321	1,626	41,040	83,520	4,878	5,350	8,920	867

TABLE 4B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C13-2(19FT)	EP-C14-1(18FT)	EP-C14-2(18FT)	EP-15(23.5FT)	EP-16(15)	EP-16(23)	EP-17(20)	EP-18(14FT)	EP-18(22FT)
Dilution		4	1	1	5	25	1	20	10	50
Lab Sample ID		212461-004	212461-003	212461-005	212280-007	212280-005	212280-004	212280-003	212280-001	212280-002
Date Sampled	SSSAL[1]	3/29/2006	3/28/2006	3/29/2006	3/10/2006	3/9/2006	3/9/2006	3/7/2006	3/6/2006	3/6/2006
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound										
Phenol	NA	460 U	130 U	110 U	530 U	2,900 U	100 U	2,300 U	1,200 U	5,300 U
2 4-Dimethylphenol	NA	810 U	230 U	190 U	950 U	5,100 U	180 U	4,000 U	2,100 U	9,400 U
Naphthalene	13,000	3,100	77 U	62 U	11,000	83,000	220 J	41,000	49,000	110,000
4-Chloroanitine	NA	510 U	140 U	120 U	590 U	3,200 U	110 U	2,500 U	1,300 U	5,900 U
2-Methylnaphthalene	NA	970 J	72 U	58 U	1,500 J	25,000	80 J	34,000	47,000	110,000
2-Chloronaphthalene	NA	230 U	66 U	53 U	270 U	1,400 U	52 U	1,100 U	590 U	2,700 U
Acenaphthylene	NA	220 J	55 U	45 U	230 U	1,200 U	43 U	2,900 J	4,900	14,000 J
Acenaphthene	NA	2,100	74 U	60 U	1,100 J	84,000	150 J	7,800	9,400	10,000 J
Dibenzofuran	NA	1,700	72 U	58 U	920 J	62,000	130 J	3,800 J	2,300 J	2,900 U
Fluorene	NA	2,400	58 U	47 U	760 J	49,000	110 J	8,200	11,000	16,000 J
Diethyl phthalate	NA	230 U	66 U	53 U	270 U	1,400 UB	52 UB	1,100 U	590 U	2,700 U
Phenanthrene	NA	14,000	53 U	43 U	1,400 J	130,000	520	28,000	40,000	57,000
Anthracene	NA	4,000	74 U	60 U	380 J	22,000	110 J	7,400 J	11,000	16,000 J
Carbazole	NA	1,400 J	66 U	53 U	1,600 J	2,400 J	52 U	1,100 J	1,100 J	2,700 U
Di-n-butyl phthalate	NA	210 U	59 U	48 U	240 U	1,300 U	46 U	1,000 U	530 U	2,400 U
Fluoranthene	NA	7,900	57 U	46 U	230 U	34,000	440	11,000	13,000	11,000 J
Pyrene	NA	6,900	62 U	50 U	250 U	26,000	390	19,000	26,000	47,000
Butyl benzyl phthalate	NA	200 U	58 U	47 U	240 U	1,300 U	45 U	1,000 U	510 U	2,400 U
Benzo(a)anthracene	NA	3,600	61 U	49 U	250 U	4,800 J	180 J	5,400 J	8,900	6,900 J
Chrysene	NA	3,500	57 U	46 U	230 U	4,000 J	190 J	5,700 J	9,200	12,000 J
Bis(2-ethylhexyl)phthalate	NA	210 U	59 U	61 J	240 U	1,300 U	46 U	1,000 U	530 U	2,400 U
Benzo(b)fluoranthene	NA	3,200 M	130 U	100 U	510 U	2,700 U	190 J	4,000 J	4,500	5,100 U
Benzo(k)fluoranthene	NA	1,500 JM	50 U	40 U	200 U	1,100 U	80 J	1,400 J	1,800 J	2,000 U
Benzo(a)pyrene	NA	3,100	55 U	45 U	230 U	1,500 J	160 J	4,200 J	7,300	6,200 J
Indeno(1 2 3-cd)pyrene	NA	1,800	46 U	37 U	190 U	1,000 U	74 J	1,700 J	2,900 J	2,300 J
Dibenzo(a h)anthracene	NA	640 J	50 U	40 U	200 U	1,100 U	39 U	860 U	1,100 J	2,000 U
Benzo(ghi)perylene	NA	2,200	50 U	40 U	200 U	1,100 U	66 J	1,800 J	4,200	4,500 J
Total SVOCs	500,000	64,230	0	61	18,660	528,900	3,142	188,400	254,600	428,900

TABLE 4B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID Dilution Lab Sample ID Date Sampled Units	SSSAL[1] ug/Kg	EP-19(17FT) 4 212268-002 3/2/2006 ug/Kg	EP-19(19FT) 10 212268-003 3/2/2006 ug/Kg	EP-C20 (18FT) 1 710393 2/22/2006 mg/kg	EP-C21-1(25) 1 211526-007 12/7/2005 ug/Kg	EP-C21-2 (25) 1 211608-001 12/12/2005 ug/Kg	EP-C22-1 (24) 1 211608-003 12/12/2005 ug/Kg	EP-C22-2 (24) 1 211608-004 12/12/2005 ug/Kg	EP-C23-1(24) 1 211668-003 12/19/2005 ug/Kg	EP-C23-2(24) 1 211668-004 12/19/2005 ug/Kg
Compound										
Phenol	NA	460 U	1,100 U	0.39 U	110 U	100 U	110 U	120 U	110 U	100 U
2 4-Dimethylphenol	NA	820 U	2,000 U	0.39 U	190 U	180 U	190 U	210 U	200 U	190 U
Naphthalene	13,000	19,000	22,000	0.023 J	5300	3600	67 J	3300	65 U	62 U
4-Chloroaniline	NA	510 U	1,200 U	0.39 U	120 U	110 U	120 U	130 U	120 U	120 U
2-Methylnaphthalene	NA	7,200	24,000	0.0092 J	980	57 U	59 U	63 U	60 U	57 U
2-Chloronaphthalene	NA	230 U	560 U	0.39 U	55 U	52 U	55 U	59 U	56 U	53 U
Acenaphthylene	NA	530 J	1,100 J	0.39 U	46 U	44 U	46 U	49 U	47 U	44 U
Acenaphthene	NA	4,100	4,500	0.026 J	970	460	130 J	340 J	63 U	60 U
Dibenzofuran	NA	2,800	600 U	0.013 J	800	610	150 J	660	60 U	57 U
Fluorene	NA	3,800	4,700	0.018 J	610	380	48 U	370 J	49 U	47 U
Diethyl phthalate	NA	230 U	560 U	0.39 U	55 U	52 U	55 U	59 U	56 U	53 U
Phenanthrene	NA	12,000	14,000	0.018 J	1900	1400	150 J	250 J	44 UB	42 UB
Anthracene	NA	3,000	3,700 J	0.39 U	320 J	110 J	61 U	66 U	63 U	60 U
Carbazole	NA	1,600	560 U	0.016 J	460	430	55 U	420	56 U	53 U
Di-n-butyl phthalate	NA	210 UB	500 UB	0.39 U	880	47 U	49 U	53 U	50 U	48 U
Fluoranthene	NA	6,100	2,400 J	0.39 U	210 J	72 J	47 U	50 U	48 U	45 U
Pyrene	NA	7,300	9,800	0.39 U	160 J	68 J	51 U	55 U	52 U	50 U
Butyl benzyl phthalate	NA	210 U	490 U	0.39 U	49 U	46 U	48 U	51 U	49 U	47 U
Benzo(a)anthracene	NA	2,600	1,900 J	0.039 U	51 U	53 J	50 U	54 U	51 U	49 U
Chrysene	NA	2,400	2,200 J	0.39 U	47 U	49 J	47 U	50 U	48 U	45 U
Bis(2-ethylhexyl)phthalate	NA	210 U	500 U	0.39 U	99 J	47 U	49 U	53 U	50 U	48 U
Benzo(b)fluoranthene	NA	1,900 M	1,100 U	0.039 U	110 U	99 U	100 U	110 U	110 U	100 U
Benzo(k)fluoranthene	NA	820 JM	420 U	0.039 U	42 U	40 U	41 U	44 U	42 U	40 U
Benzo(a)pyrene	NA	1,800	1,600 J	0.039 U	46 U	46 J	46 U	49 U	47 U	44 U
Indeno(1 2 3-cd)pyrene	NA	880 J	500 J	0.039 U	38 U	46 J	38 U	41 U	39 U	37 U
Dibenzo(a h)anthracene	NA	340 J	420 U	0.039 U	42 U	40 U	41 U	44 U	42 U	40 U
Benzo(ghi)perylene	NA	1,100 J	1,000 J	0.39 U	42 U	40 U	41 U	44 U	42 U	40 U
Total SVOCs	500,000	79,480	93,900	0	12,689	7,324	497	5,340	44	42

TABLE 4B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C24-1(23)	EP-C24-2(23)	EP-C25-1 (23)	EP-C25-2 (23)	EP-C26-1 (20.5)	EP-C26-2(20)	EP-C26-3(22)
Dilution		1	1	1	1	1	1	1
Lab Sample ID		211608-014	211608-015	211608-005	211608-006	211526-002	211526-003	211526-010
Date Sampled	SSSAL[1]	12/15/2005	12/15/2005	12/13/2005	12/13/2005	12/3/2005	12/6/2005	12/9/2005
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound								
Phenol	NA	110 U	120 U	110 U	110 U	110 U	110 U	110 U
2 4-Dimethylphenol	NA	200 U	210 U	190 U	190 U	200 U	200 U	190 U
Naphthalene	13,000	67 U	200 J	130 J	96 J	67 U	65 U	460
4-Chloroaniline	NA	130 U	130 U	120 U	120 U	130 U	120 U	120 U
2-Methylnaphthalene	NA	63 U	65 U	120 J	58 U	63 U	61 U	240 J
2-Chloronaphthalene	NA	58 U	60 U	54 U	54 U	58 U	56 U	55 U
Acenaphthylene	NA	49 U	50 U	45 U	45 U	48 U	47 U	46 U
Acenaphthene	NA	65 U	67 U	60 U	60 U	65 U	74 J	160 J
Dibenzofuran	NA	63 U	65 U	58 U	58 U	63 U	71 J	120 J
Fluorene	NA	51 U	99 J	47 U	92 J	51 U	59 J	110 J
Diethyl phthalate	NA	58 U	60 U	54 U	54 U	130 JB	56 U	55 U
Phenanthrene	NA	67 J	62 J	100 J	400 H	46 U	100 J	360 J
Anthracene	NA	65 U	67 U	60 U	78 J	65 U	63 U	69 J
Carbazole	NA	58 U	100 J	54 U	54 U	58 U	56 U	55 U
Di-n-butyl phthalate	NA	52 U	54 U	48 U	48 U	52 U	50 U	50 U
Fluoranthene	NA	50 U	51 U	46 U	130 J	50 U	48 U	150 J
Pyrene	NA	54 U	56 U	51 U	78 J	54 U	53 U	140 J
Butyl benzyl phthalate	NA	51 U	53 U	47 U	47 U	51 U	49 U	49 U
Benzo(a)anthracene	NA	53 U	55 U	49 U	49 U	53 U	51 U	67 J
Chrysene	NA	50 U	51 U	46 U	46 U	50 U	48 U	56 J
Bis(2-ethylhexyl)phthalate	NA	52 U	54 U	48 U	48 U	52 U	50 U	50 U
Benzo(b)fluoranthene	NA	110 U	110 U	100 U	100 U	110 U	110 U	110 U
Benzo(k)fluoranthene	NA	44 U	45 U	41 U	40 U	44 U	42 U	42 U
Benzo(a)pyrene	NA	49 U	50 U	45 U	45 U	48 U	47 U	50 J
Indeno(1 2 3-cd)pyrene	NA	40 U	42 U	37 U	37 U	40 U	39 U	38 U
Dibenzo(a h)anthracene	NA	44 U	45 U	41 U	40 U	44 U	42 U	42 U
Benzo(ghi)perylene	NA	44 U	45 U	41 U	40 U	44 U	42 U	42 U
Total SVOCs	**500,000**	67	461	350	874	130	304	1,982

TABLE 4B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID Dilution Lab Sample ID Date Sampled Units	SSSAL[1] ug/Kg	EP-C26-4(22) 1 211526-009 12/9/2005 ug/Kg	EP-C27-1(20) 1 211472-001 11/29/2005 ug/Kg	EP-C27-2(29) 1 211762-006 12/28/2005 ug/Kg	EP-C28-1(20) 1 211526-008 12/9/2005 ug/Kg	EP-C28-2(21) 1 211608-012 12/15/2005 ug/Kg	EP-C28-3(22) 1 211749-010 12/27/2005 ug/Kg	EP-C28-4(22) 1 211790-003 1/5/2006 ug/Kg	EP-C29-1(34) 1 211668-002 12/17/2005 ug/Kg
Compound									
Phenol	NA	110 U	130 U	200 J	110 U	110 U	110 U	100 U	130 U
2 4-Dimethylphenol	NA	200 U	220 U	220 U	200 U	200 U	190 U	180 U	220 U
Naphthalene	13,000	200 J	2600	3200	66 U	65 U	89 J	61 U	370 J
4-Chloroaniline	NA	120 U	140 U	130 U	120 U	120 U	120 U	110 U	140 U
2-Methylnaphthalene	NA	95 J	64 J	66 U	61 U	61 U	58 U	57 U	69 U
2-Chloronaphthalene	NA	56 U	64 U	61 U	56 U	56 U	53 U	53 U	64 U
Acenaphthylene	NA	47 U	54 U	51 U	47 U	47 U	45 U	44 U	53 U
Acenaphthene	NA	250 J	350 J	350 J	63 U	220 J	60 U	59 U	330 J
Dibenzofuran	NA	240 J	350 J	230 J	61 U	240 J	58 U	57 U	250 J
Fluorene	NA	290 J	150 J	120 J	62 J	130 J	47 U	46 U	150 J
Diethyl phthalate	NA	56 U	64 U	61 U	56 U	94 J	53 UB	53 U	64 U
Phenanthrene	NA	580	250 J	49 U	220 J	470	45 J	58 J	480 B
Anthracene	NA	100 J	72 U	69 U	63 U	63 U	60 U	59 U	71 U
Carbazole	NA	170 J	160 J	120 J	56 U	56 U	53 U	53 U	64 U
Di-n-butyl phthalate	NA	50 U	57 U	55 U	51 U	50 U	48 U	47 U	57 U
Fluoranthene	NA	110 J	55 U	53 U	290 J	79 J	46 U	51 J	160 J
Pyrene	NA	110 J	60 U	58 U	350 J	53 U	50 U	52 J	120 J
Butyl benzyl phthalate	NA	49 U	56 U	54 U	50 U	49 U	47 U	46 U	56 U
Benzo(a)anthracene	NA	51 U	59 U	56 U	180 J	51 U	49 U	48 U	58 U
Chrysene	NA	48 U	55 U	53 U	190 J	48 U	46 U	45 U	54 U
Bis(2-ethylhexyl)phthalate	NA	50 U	57 U	55 U	51 U	50 U	48 U	47 U	100 J
Benzo(b)fluoranthene	NA	110 U	120 U	120 U	160 JH	110 U	100 U	100 U	120 U
Benzo(k)fluoranthene	NA	42 U	48 U	46 U	110 J	42 U	40 U	40 U	48 U
Benzo(a)pyrene	NA	47 U	54 U	51 U	140 J	47 U	45 U	44 U	53 U
Indeno(1 2 3-cd)pyrene	NA	39 U	44 U	43 U	39 U	39 U	37 U	36 U	44 U
Dibenzo(a h)anthracene	NA	42 U	48 U	46 U	43 U	42 U	40 U	40 U	48 U
Benzo(ghi)perylene	NA	42 U	48 U	46 U	47 J	42 U	40 U	40 U	46 U
Total SVOCs	**500,000**	2,125	3,944	4,220	1,749	1,233	187	161	1,960

TABLE 4B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C30-2(30)	EP-C31-1(28)	EP-C31-1(29)	EP-TRIANGLE-1(26)	EP-TRIANGLE-2(24)	WC-TRIANGLE-3(26)	EP-TRIANGLE-2(20)
Dilution		1	1	1	1	1	1	4
Lab Sample ID		211776-001	211668-001	211776-002	211608-007	211608-008	211608-010	211790-001
Date Sampled		12/29/2005	12/16/2005	12/30/2005	12/14/2005	12/14/2005	12/14/2005	1/4/2006
Units	SSSAL[1] ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound								
Phenol	NA	130 U	120 U	120 U	150 U	120 U	130 U	470 U
2 4-Dimethylphenol	NA	220 U	210 U	220 U	270 U	210 U	220 U	830 U
Naphthalene	13,000	74 U	190 J	73 U	160 J	73 J	76 J	3800
4-Chloroaniline	NA	140 U	130 U	140 U	170 U	130 U	140 U	520 U
2-Methylnaphthalene	NA	69 U	65 U	68 U	83 U	66 U	69 U	2200
2-Chloronaphthalene	NA	64 U	60 U	62 U	76 U	61 U	63 U	240 U
Acenaphthylene	NA	53 U	50 U	52 U	64 U	51 U	53 U	200 U
Acenaphthene	NA	160 J	67 U	70 U	150 J	270 J	71 U	5900
Dibenzofuran	NA	69 U	65 U	68 U	180 J	240 J	69 U	4000
Fluorene	NA	56 U	54 J	55 U	67 U	53 U	61 J	3600
Diethyl phthalate	NA	64 U	60 U	62 U	76 U	61 U	63 U	240 U
Phenanthrene	NA	51 U	120 JB	50 U	130 J	120 J	95 J	16000
Anthracene	NA	72 U	67 U	70 U	88 U	68 U	71 U	1700
Carbazole	NA	64 U	60 U	62 U	76 U	61 U	63 U	570 J
Di-n-butyl phthalate	NA	57 U	54 U	56 U	69 U	56 U	57 U	630 J
Fluoranthene	NA	55 U	63 J	54 U	66 U	52 U	54 U	5600
Pyrene	NA	60 U	56 U	59 U	72 U	57 U	59 U	4500
Butyl benzyl phthalate	NA	56 U	53 U	55 U	67 U	53 U	56 U	210 U
Benzo(a)anthracene	NA	59 U	55 U	57 U	70 U	56 U	58 U	900 J
Chrysene	NA	55 U	52 U	54 U	66 U	52 U	54 U	860 J
Bis(2-ethylhexyl)phthalate	NA	57 U	54 U	56 U	69 U	55 U	57 U	210 U
Benzo(b)fluoranthene	NA	120 U	110 U	120 U	150 U	120 U	120 U	450 U
Benzo(k)fluoranthene	NA	48 U	45 U	47 U	58 U	46 U	48 U	180 U
Benzo(a)pyrene	NA	53 U	50 U	52 U	64 U	51 U	53 U	350 J
Indeno(1 2 3-cd)pyrene	NA	44 U	42 U	43 U	53 U	42 U	44 U	160 U
Dibenzo(a h)anthracene	NA	48 U	45 U	47 U	58 U	46 U	48 U	180 U
Benzo(ghi)perylene	NA	48 U	45 U	47 U	58 U	46 U	48 U	180 U
Total SVOCs	500,000	160	427	0	620	703	232	50,800

TABLE 4B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		FB-2-1
Dilution		1
Lab Sample ID		212380-011
Date Sampled	SSSAL[1]	3/17/2006
Units	ug/Kg	ug/L
Compound		
Phenol	NA	0 U
2 4-Dimethylphenol	NA	1 U
Naphthalene	13,000	1 U
4-Chloroaniline	NA	1 U
2-Methylnaphthalene	NA	1 U
2-Chloronaphthalene	NA	1 U
Acenaphthylene	NA	1 U
Acenaphthene	NA	1 U
Dibenzofuran	NA	1 U
Fluorene	NA	1 U
Diethyl phthalate	NA	1 UB
Phenanthrene	NA	1 U
Anthracene	NA	1 U
Carbazole	NA	1 U
Di-n-butyl phthalate	NA	1 U
Fluoranthene	NA	1 U
Pyrene	NA	1 U
Butyl benzyl phthalate	NA	1 U
Benzo(a)anthracene	NA	1 U
Chrysene	NA	1 U
Bis(2-ethylhexyl)phthalate	NA	2 U
Benzo(b)fluoranthene	NA	2 U
Benzo(k)fluoranthene	NA	1 U
Benzo(a)pyrene	NA	1 U
Indeno(1 2 3-cd)pyrene	NA	1 U
Dibenzo(a h)anthracene	NA	2 U
Benzo(ghi)perylene	NA	1 U
Total SVOCs	500,000	1

TABLE 4C
METALS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-1(17FT)	EP-C1(18FT)	EP-C1(21FT)	EP-C2(17FT)	EP-C2(21.6FT)	EP-C2(19FT)	EP-C3(17.5)	EP-C3(18FT)	EP-C4-1(18FT)	EP-C4-2(18FT)	EP-C5(18)
Dilution		1	1	1	1	1	1	1	1	1	1	1
Lab Sample ID		212380-006	212380-005	212380-001	212380-002	212380-004	212409-001	212380-003	212409-002	212409-003	212409-007	212461-001
Date Sampled		3/10/2006	3/16/2006	3/15/2006	3/15/2006	3/15/2006	3/20/2006	3/15/2006	3/20/2006	3/21/2006	3/22/2006	3/27/2006
Units	SSSAL[1] mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Compound												
Aluminum	NA	6420	9040	6240	6290	9460	5470	11700	10200	6910	3960	4190
Antimony	NA	1.5 U	1.1 UN	1.2 UN	1.5 UN	1.3 UN	1.4 UN	1.3 UN	1.3 UN	1.2 UN	1.2 UN	1.2 UN
Arsenic	25	1.7 B	2.5 B	4.5 B	1.6 U	1.4 U	3.1 B	2.3 B	1.4 U	1.2 UN	1.3 UN	9.7
Barium	NA	39.6	73.6	47.9	348	145	49.5	75.8	120	114 *N	173 *N	48.2 N
Beryllium	NA	0.65 U	0.5 U	0.55 U	0.66 U	0.59 U	0.63 U	0.59 B	0.58 U	0.62 B	0.54 U	0.52 U
Cadmium	NA	1.3 U	1 U	1.1 U	1.3 U	1.2 U	1.3 U	1.1 U	1.2 U	1 U	1.1 U	1 U
Calcium	NA	2020	1740 N	1030 N	835 N	2150 N	1430 N	472 N	1900 N	1160	1030	1660
Chromium	NA	20	22.2 N	12.1 N	15.5 N	25.6 N	15.5 N	34.8 N	29.4 N	22.7 *N	9.8 *N	11.6
Cobalt	NA	3.9	9.2	6.5	9.4	12.7	6	8.6	11.9	11.8 *N	7.7 *N	4.9
Copper	NA	18.7	21.5 N	16.6 N	24.9 N	24 N	14.6 N	36.5 N	19.5 N	29.7 *	17.4 *	12.3 N
Iron	NA	14500	17200	18400	20900	22800	17600	32700	21100	23800 *	12800 *	46500
Lead	1000	253	6.8 BN	7 BN	7.9 BN	7 BN	6.8 BN	9.6 BN	9 BN	10.7 *	5.7 B*	12.7
Magnesium	NA	2400	4500	2800	3540	6000	2740	3690	5240	4270	2560	1780
Manganese	NA	152	194	147	158	231	154	126	162	162 *	209 *	180
Mercury	2	0.013 U	0.014 U	0.015 U	0.014 U	0.049	0.013 U	0.032 B	0.014 U	0.012 UN	0.012 UN	0.19
Nickel	NA	11.6	NR	NR	NR	NR	15	NR	32.2	18.6 *	13.9 *	11.7
Potassium	NA	560	3070 *N	1290 *N	1780 *N	3830 *N	1190 *N	2640 *N	2760 *N	2550	1420	653 N
Selenium	NA	2.1 U	1.6 U	1.7 U	2.1 U	1.9 U	2 U	1.8 U	1.8 U	1.6 U	1.7 U	1.7 U
Silver	NA	0.42 U	0.32 U	0.35 U	0.42 U	0.38 U	0.4 U	0.35 U	0.37 U	0.33 U	0.35 U	0.33 U
Sodium	NA	177	171 N	113 N	166 N	218 N	176 N	1180 N	316 N	825	535	532
Thallium	NA	5.4 U	4.2 U	4.6 U	5.5 U	4.9 U	5.3 U	4.6 U	4.8 U	4.2 U	4.5 U	4.3 U
Vanadium	NA	17	33.5	18.2	21.3	36.8	17.8	43.7	26.2	32.7 *	15.4 *	15.8
Zinc	NA	186	60	38.8	58.6	79.2	36.8	61.7	72.9	104 *	44.4 *	61 N

TABLE 4C
METALS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID Dilution Lab Sample ID Date Sampled Units	SSSAL[1] mg/Kg	EP-C5(19FT) 1 212409-011 3/24/2006 mg/Kg	EP-C6(18) 1 212461-002 3/27/2006 mg/Kg	EP-C6(20FT) 1 212380-012 3/17/2006 mg/Kg	EP-7(22) 1 212268-005 3/3/2006 mg/Kg	EP-7(24FT) 1 212268-004 3/3/2006 mg/Kg	EP-C8-1(22FT) 1 212380-005 3/15/2006 mg/Kg	EP-C8-2(22FT) 1 212380-007 3/16/2006 mg/Kg	EP-C9(22FT) 1 212380-008 3/17/2006 mg/Kg	EP-C10(18FT) 1 212409-004 3/20/2006 mg/Kg	EP-C10(22FT) 1 212380-009 3/17/2006 mg/Kg
Compound											
Aluminum	NA	4700	3930	10400	5290 *	6060 *	5780	5750	6230	5000	5670
Antimony	NA	1.1 UN	1.4 UN	1.1 UN	1.7 UN	1.3 UN	1.3 UN	1.5 UN	1.3 UN	1.4 UN	1.1 UN
Arsenic	25	1.7 B	1.7 B	3.1 B	1.8 U	1.4 U	1.9 B	2.6 B	3.5 B	1.5 UN	2.3 B
Barium	NA	53.8 N	26 N	33.6	12.5	69.9	51.2	54.9	39	24.4 *N	122
Beryllium	NA	0.5 U	0.61 U	0.49 U	0.73 U	0.7 B	0.56 U	0.64 U	0.57 U	0.62 U	0.5 U
Cadmium	NA	1 U	1.2 U	0.99 U	1.5 U	1.1 U	1.1 U	1.3 U	1.1 U	1.2 U	1 U
Calcium	NA	2300	608	995 N	808 *	1930 *	1100 N	981 N	1330 N	1030	1100 N
Chromium	NA	12.4	9	13.8 N	9.2	16.2	20.9 N	12 N	16.5 N	11.5 *N	14.3 N
Cobalt	NA	10.7	4.4	8.4	5 *	13.2 *	6.2	6.1	7.8	4.1 *N	6.7
Copper	NA	14.2 N	9.3 N	16.8 N	9.7 *	27.4 *	16 N	12.9 N	31 N	11.7 *	19.4 N
Iron	NA	19000	14400	20300	13200 *	15200 *	18000	14900	20500	10900 *	15700
Lead	1000	5 B	4.5 B	9.5 N	4.7 B	8.3 B	7.8 BN	7.3 BN	7.6 BN	6.9 B*	6.3 BN
Magnesium	NA	3000	2050	3390	2480 *	4400 *	2530	2410	2580	1970	2600
Manganese	NA	864	86.8	264	95.6	207	218	147	187	62 *	92.4
Mercury	2	0.1	0.014 U	0.044 B	0.017 U	0.011 U	0.024 B	0.016 U	0.081	0.078 N	0.015 U
Nickel	NA	16.2	10.5	NR	12.6	16.9	NR	NR	NR	11.6 *	NR
Potassium	NA	1120 N	529 N	775 *N	717	2180	1340 *N	1150 *N	974 *N	584	1290 *N
Selenium	NA	1.6 U	2 U	1.6 U	2.3 UN	1.8 UN	1.8 U	2.1 U	1.8 U	2 U	1.6 U
Silver	NA	0.32 U	0.39 U	0.32 U	0.47 U	0.36 U	0.36 U	0.41 U	0.36 U	0.39 U	0.32 U
Sodium	NA	676	364	188 N	141	207	124 N	108 BN	143 N	175	265 N
Thallium	NA	4.2 U	5.1 U	4.1 U	6.1 UN	4.7 UN	4.7 U	5.4 U	4.7 U	5.1 U	4.2 U
Vanadium	NA	21.4	13.2	17.9	10.9 *	22.5 *	25.4	20.8	31.6	13.1 *	21
Zinc	NA	42.9 N	31.7 N	48.9	26.6 B	79.3	45.4	35.8	46.3	27.6 *	32.8

TABLE 4C
METALS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C11(18FT)	EP-C11(22FT)	EP-C12-2(18FT)	EP-C12-1(18FT)	EP-C13-1(19FT)	EP-C13-2(19FT)	EP-C14-1(18FT)	EP-C14-2(18FT)	EP-15(23.5FT)	EP-16(23)
Dilution		1	1	1	1	1	1	5	1	1	1
Lab Sample ID		212409-005	212380-010	212409-008	212409-009	212409-010	212461-004	212461-003	212461-005	212280-007	212280-004
Date Sampled	SSSAL[1]	3/20/2006	3/17/2006	3/22/2006	3/22/2006	3/24/2006	3/29/2006	3/28/2006	3/29/2006	3/10/2006	3/9/2006
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Compound											
Aluminum	NA	5840	8360	5390	9060	4640	9180	4930	4320	7450	6610
Antimony	NA	1.4 UN	1.2 UN	1.5 UN	1.1 UN	1.2 UN	1.2 U	7.5 UN	1.2 U	1.3 U	1.3 U
Arsenic	25	1.5 UN	2.3 B	1.6 UN	1.8 B	1.7 B	10	21.9 BN	1.8 B	1.4 U	1.4 U
Barium	NA	24.5 *N	141	58 *N	156 N	65.3 N	438	133 *N	61.4	80.3	65.1
Beryllium	NA	0.59 U	0.53 B	0.67 U	0.49 U	0.55 U	0.51 U	3.3 UN	0.53 U	0.83 B	0.57 U
Cadmium	NA	1.2 U	1 U	1.3 U	0.98 U	1.1 U	1 U	6.6 U	1.1 U	1.1 U	1.1 U
Calcium	NA	1010	2020 N	794	1380	2460	2980	1090 *N	529	1610	3020
Chromium	NA	15.8 *N	24.8 N	14.3 *N	20.9	14.4	27.7	14 B	16	19.1	16.1
Cobalt	NA	4.9 *N	11	12.6 *N	13.3	9.3	14.8	10.3 B*N	7.2	11	7.3
Copper	NA	8 *	36.6 N	20.3 *	20.8 N	16 N	12.2	5.2 U*N	12	23.3	20.8
Iron	NA	10500 *	31400	21400 *	26100	14100	30500	174000 *	19800	22900	15700
Lead	1000	5.6 B*	8.9 BN	7.4 B*	10.5	7.2 B	4.5 B	5 UN	5.4 B	9.8 B	10.4
Magnesium	NA	2310	3900	2970	4960	2970	8260	2220	1840	5310	3860
Manganese	NA	81.4 *	172	198 *	321	1060	467	941 *	121	236	184
Mercury	2	0.023 BN	0.017 U	0.017 UN	0.016 U	0.022 B	0.032 B	0.058 B	0.013 U	0.016 U	0.015 U
Nickel	NA	12 *	NR	19.9 *	25.9	16.9	19.2	17.3 B*N	16.8	19	16
Potassium	NA	611	2230 *N	1450	2760 N	1330 N	3800	1360	866	2620	1820
Selenium	NA	1.9 U	1.7 U	2.2 U	1.6 U	1.8 U	1.6 U	10.5 U	1.7 U	1.8 U	1.8 U
Silver	NA	0.36 U	0.33 U	0.43 U	0.31 U	0.35 U	0.33 U	2.1 U	0.34 U	0.37 U	0.37 U
Sodium	NA	188	533 N	612	796	617	1860	967 N	419	238	228
Thallium	NA	5 U	4.3 U	5.6 U	4.1 U	4.6 U	4.3 U	27.3 UN	4.4 U	4.8 U	4.8 U
Vanadium	NA	14 *	33.3	24 *	31.3	20.6	32.7	12.1 B*	20.8	28.3	23
Zinc	NA	29.2 *	72.9	51.7 *	79.5 N	60 N	43.5	40.3 BN	31	98.8	73.8

TABLE 4C
METALS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID Dilution Lab Sample ID Date Sampled Units	SSSAL[1] mg/Kg	EP-16(15) 1 212280-005 3/9/2006 mg/Kg	EP-17(20) 1 212280-003 3/7/2006 mg/Kg	EP-18(14FT) 1 212280-001 3/6/2006 mg/Kg	EP-18(22FT) 1 212280-002 3/6/2006 mg/Kg	EP-19(17FT) 1 212268-002 3/2/2006 mg/Kg	EP-19(19FT) 1 212268-003 3/2/2006 mg/Kg	EP-C20(18FT) 1 212207-005 2/22/2006 mg/Kg	EP-C21-1(25) 1 211526-007 12/7/2005 mg/Kg	EP-C21-2 (25) 1 211608-001 12/12/2005 mg/Kg	EP-C22-1 (24) 1 211608-003 12/12/2005 mg/Kg
Compound											
Aluminum	NA	5050	6550	7470	15800	9400 *	5740 *	3030	3100	4610	7330
Antimony	NA	1.3 U	1.4 U	1.3 U	1.3 U	1.6 UN	1.1 UN	1.3 U	1.4 U	1.4 UN	1.2 UN
Arsenic	25	1.4 U	3.3 B	2.1 B	1.3 U	3.3 B	2.2 B	1.7 B	1.9 B	2 B	1.3 U
Barium	NA	8.5	42.5	32	131	97.1	398	15.4	21.3	33.6	60.1
Beryllium	NA	0.57 U	0.63 U	0.56 U	0.55 U	0.68 U	0.49 U	0.58 U	0.6 U	0.63 U	0.56 B
Cadmium	NA	1.1 U	1.3 U	1.1 U	1.1 U	1.4 U	0.98 U	1.2 U	1.2 U	1.3 U	1 U
Calcium	NA	1080	5020	4070	1540	1290 *	2090 *	538 *	764	880 *	2710 *
Chromium	NA	8.3	15	13.1	54.6	14	18.7	7.6 *N	8.1	10.2 N	17.6 N
Cobalt	NA	3.1	5.9	4.6	12.5	7.3 *	6.6 *	10.9	5.1	5.6	9.7
Copper	NA	6.9	36	17.7	14.9	15.1 *	13.4 *	8.2	7.4	9.4	21.9
Iron	NA	9980	15700	13400	42100	17000 *	21200 *	11100	9920	12700	16600
Lead	1000	4.6 B	80.5	30.2	4.2 B	15.8	5 B	6.3 B	4 B	6.8 B	7.3 B
Magnesium	NA	2030	2760	2900	11200	2820 *	3550 *	1490	1640	2380	5170
Manganese	NA	80.9	166 *	134 *	418 *	320	356	1370 *	177	132	323
Mercury	2	0.013 B	0.16	0.32	0.015 U	0.099	0.013 U	0.011 U*N	0.016 U	0.015 U	0.012 U
Nickel	NA	10.2	19.2	15.8	17.3	14.7	16.4	15.9 *	12.9	14.8	23
Potassium	NA	514	686	691	10500	601	2210	477 *N	513	867	2420
Selenium	NA	1.8 U	2 UN	1.8 UN	1.8 UN	2.2 UN	1.6 UN	1.8 U	1.9 U	2 U	1.7 U
Silver	NA	0.37 U	0.4 U	0.36 U	0.35 U	0.44 U	0.31 U	0.37 U	0.39 U	0.4 U	0.33 U
Sodium	NA	200	176	162	229	123 B	168	95 B*	89.8 B	95.4 B	125
Thallium	NA	4.8 U	5.3 U	4.7 U	4.6 U	5.7 UN	4.1 UN	4.8 U	5 U	5.2 UN	4.3 UN
Vanadium	NA	10.7	26.5	18.6	62.2	17.9 *	24.8 *	14.3	9.8	16 *	25.1 *
Zinc	NA	22 B	129 N	47.1 N	144 N	43.3	41.2	30.7	24.4	36.1	57.9

TABLE 4C
METALS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C22-2 (24)	EP-C23-1(24)	EP-C23-2(24)	EP-C24-1(23)	EP-C24-2(23)	EP-C25-1 (23)	EP-C25-2 (23)	EP-C26-1 (20.5)	EP-C26-2(20)
Dilution		1	1	1	1	1	1	1	1	1
Lab Sample ID		211608-004	211668-003	211668-004	211608-014	211608-015	211608-005	211608-006	211526-002	211526-003
Date Sampled		12/12/2005	12/19/2005	12/19/2005	12/15/2005	12/15/2005	12/13/2005	12/13/2005	12/3/2005	12/6/2005
Units	SSSAL[1] mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Compound										
Aluminum	NA	6280	8550	6440	7040	2720	7310	5910	5500	5180
Antimony	NA	1.5 UN	1.2 **U**	1.4 **U**	1.6 U	1.2 U	1.5 UN	1.3 UN	1.6 UN	1.2 **U**
Arsenic	25	1.6 U	1.3 U	1.5 **U**	1.7 U	5.5 B	2.2 B	3.7 B	5.6 BN	1.4 B
Barium	NA	57.2	80.9	86.1	59.7	36.1	78.3	41.1	39.5	42.5
Beryllium	NA	0.65 U	1.1 B	0.68 B	0.69 U	0.51 U	0.64 U	0.59 U	0.7 **U**	0.53 **U**
Cadmium	NA	1.3 U	1 U	1.2 U	1.4 U	1 U	1.3 U	1.2 U	1.4 U	1.1 U
Calcium	NA	7040 *	9520	7070	1620	577	2010 *	1510 *	782	972
Chromium	NA	16.8 N	21.4	18.4	18.3	8.6	17 N	15.5 N	11.5	10.5
Cobalt	NA	10.4	17.6	15.8	7.2	4.7	9.4	9.9	8.3	6.4
Copper	NA	20.2	30.9	20.1	17.3	8.8	20.6	15.7	4.1 B	12.7
Iron	NA	21200	22200	17300	17900	23100	18900	21100	9560	18600
Lead	1000	8.6 B	14.7	8.6 B	6.4 B	3.1 **B**	7.9 B	10.3 B	4 B	6.2 B
Magnesium	NA	6890	9870	7320	3660	1110	4220	3120	2260	2080
Manganese	NA	1960	2380	933	148	216	194	195	81.2 *	123
Mercury	2	0.017 U	0.017 U	0.014 U	0.016 **U**	0.012 **U**	0.012 U	0.012 U	0.017 U	0.012 U
Nickel	NA	25.3	24.4	20.9	21.9	13.8	22.3	19.3	13.6	15.4
Potassium	NA	2270	2590	2170	1860	377	1780	793	528 N	704
Selenium	NA	2.1 **U**	1.7 U	1.9 U	2.2 **U**	1.6 U	2.1 **U**	1.9 U	2.2 U	1.7 U
Silver	NA	0.42 **U**	0.33 U	0.39 U	0.44 U	0.32 U	0.41 **U**	0.38 U	0.45 U	0.34 U
Sodium	NA	354	243	126	131	42.9 B	116 **B**	112	168	83.1 B
Thallium	NA	5.4 UN	4.4 U	5.1 U	5.8 U	4.2 U	5.4 UN	4.9 UN	5.9 UN	4.5 U
Vanadium	NA	22.8 *	31.2	27	25.2	12.3	24.8 *	23.2 *	8.2	16.6
Zinc	NA	47.3	146	105	44.9	28.7	45	54.2	36	44.2

TABLE 4C
METALS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C26-3(22)	EP-C26-4(22)	EP-C27-1(20)	EP-C27-2(29)	EP-C28-1(20)	EP-C28-2(21)	EP-C28-3(22)	EP-C28-4(22)	EP-C29-1(34)
Dilution		1	1	1	1	1	1	1	1	1
Lab Sample ID		211526-010	211526-009	211472-001	211762-006	211526-008	211608-012	211749-010	211790-003	211668-002
Date Sampled		12/9/2005	12/9/2005	11/29/2005	12/28/2005	12/9/2005	12/15/2005	12/27/2005	1/5/2006	12/17/2005
Units	SSSAL[1] mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Compound										
Aluminum	NA	4980	3160	5540 *	17500	5310	3550	6760	6090	18600
Antimony	NA	1.2 U	1.3 U	1.5 UN	1.8 UN	1.5 U	1.3 U	1.2 UN	1.1 UN	1.3 U
Arsenic	25	3.9 B	3.8 B	1.7 U	5.7 B	1.6 U	1.4 U	1.3 UN	1.2 UN	3.5 B
Barium	NA	108	29.2	6.5	209 N	22.5	17	48.7	62.3	222
Beryllium	NA	0.77 B	0.58 U	0.68 U	0.77 U	0.65 U	0.59 U	0.76 B	0.85 BN	0.81 B
Cadmium	NA	1.1 U	1.2 U	1.4 U	1.5 UN	1.3 U	1.2 U	1.1 U	1 U	1.2 U
Calcium	NA	4620	963	608	22600	769	768	1490 *	4140	13600
Chromium	NA	22.8	8.6	9.3 *	40.4 N	11.5	10.1	24.2	20.9	48.5
Cobalt	NA	14.1	10.1	2.6 B	16	3.6	14.3	6.4	9.7	19.6
Copper	NA	20.2	7.8	7.5 *	27.6	8.8	14.9	20.2 *N	23.5	31.1
Iron	NA	31200	7060	10600 *	33600 *	8430	9790	15400	17300	36400
Lead	1000	13.6	4.6 B	5.8 B	11 B	4.2 B	6.5 B	12.2 *	9.7	12.8
Magnesium	NA	5000	1530	2290	15500	1880	1710	3300	6150	16600
Manganese	NA	895	84.3	71.8 *	970	69.9	89.9	162 *	659	661
Mercury	2	0.014 U	0.011 U	0.016 U	0.013 U	0.013 U	0.011 U	0.012 U	0.014 U	0.014 U
Nickel	NA	22.6	17.3	10.8 *	41.8	11.8	34.1	14 N	18.4	47.7
Potassium	NA	1910	486	567	6950 N	401	463	1590	2020 N	7400
Selenium	NA	1.7 U	1.9 U	2.2 U	2.5 U	2.1 U	1.9 U	1.7 UN	1.6 UN	1.9 U
Silver	NA	0.34 U	0.37 U	0.43 U	0.49 U	0.42 U	0.38 U	0.35 U	0.32 U	0.37 U
Sodium	NA	108	61.2 B	110 B	1060	86.1 B	61.6 B	120 *	114	1830
Thallium	NA	4.5 U	4.9 U	5.6 UN	6.4 UN	5.5 U	4.9 U	4.6 UN	4.2 U	4.9 U
Vanadium	NA	28.4	13.5	11.5 *	43.9	19.1	16.3	34.6	27.5	52.2
Zinc	NA	64.3	39.7	22.1 B	86.4	28.5	50.6	88.3 N	109	97.7

TABLE 4C
METALS DETECTED IN BOTTOM ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C30-1(27)	EP-C30-2(30)	EP-C31-1(28)	EP-C31-1(29)	EP-TRIANGLE-1(26)	EP-TRIANGLE-2(24)	WC-TRIANGLE-3(26)	EP-TRIANGLE-2(20)	FB-2-1
Dilution		1	1	1	1	1	1	1	1	1
Lab Sample ID		211608-011	211776-001	211668-001	211776-002	211608-007	211608-008	211608-010	211790-001	212380-011
Date Sampled		12/14/2005	12/29/2005	12/16/2005	12/30/2005	12/14/2005	12/14/2005	12/14/2005	1/4/2006	3/17/2006
Units	SSSAL[1] mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/L
Compound										
Aluminum	NA	8260	20300	7970	8790	14100	4740	4060	6740	92 U
Antimony	NA	1.3 UN	1.9 UN	1.7 U	1.8 UN	1.9 UN	1.7 UN	1.7 UN	1.7 UN	5.4 U
Arsenic	25	1.4 U	3.7 B	1.8 B	2 U	2 U	1.8 U	1.8 U	2.2 BN	3.9 U
Barium	NA	57.1	248	86.5	104	122	21.4	13.6	37.2	0.74 U
Beryllium	NA	0.58 U	0.86 B	0.73 U	0.8 U	0.87 B	0.75 U	0.73 U	0.74 UN	0.54 U
Cadmium	NA	1.2 U	1.6 UN	1.5 U	1.6 UN	1.7 U	1.5 U	1.5 U	1.5 U	1.1 U
Calcium	NA	3870	17100	22900	28700	11200	873	731	5890	56 U
Chromium	NA	18.4 N	55	16.3	21.6	31.9 N	10.7 N	11.3 N	16.1	1.3 U
Cobalt	NA	6.8	21.5	9.6	10	16.1	6.5	4.9	6.3	1.8 U
Copper	NA	20.1 N	39.3	20.2	20.7	34.4 N	13.4 N	12.4 N	17.3	4.3 U
Iron	NA	18500	38900	16400	18300	27400	8640	11900	13400	101 B
Lead	1000	9 BN	14.8	8.7 B	9 B	13.5 BN	6.8 BN	3.9 BN	10.1 B	3 UN
Magnesium	NA	5590 N	17200	8530	11200	12600 N	2260 N	1590 N	3700	26 U
Manganese	NA	781	733	568	638	1300	102	81.9	183	6.9 U
Mercury	2	0.012 U	0.018 U	0.015 U	0.023 B	0.015 U	0.012 U	0.012 U	0.024 B	0.07 UN
Nickel	NA	22.8 N	52.3	23.8	24.8	40 N	16.4 N	10.9 N	16.2	NR
Potassium	NA	2310 N	6000	1730	2820	4230 N	609 N	498 N	1070 N	191 U
Selenium	NA	1.8 U	2.6 U	2.3 U	2.6 U	2.7 U	2.4 U	2.3 U	2.4 UN	5 U
Silver	NA	0.37 U	0.52 U	0.47 U	0.51 U	0.53 U	0.48 U	0.47 U	0.48 U	1.1 U
Sodium	NA	240	1690	424	476	447	81.7 B	73.9 B	132 B	98 U
Thallium	NA	4.8 UN	15.2 BN	6.1 U	6.7 UN	6.9 UN	6.2 UN	6.1 UN	6.2 U	10 UN
Vanadium	NA	21.2 N	59.3	19.6	27	37.9 N	15.3 N	14.9 N	19.8	1.5 U
Zinc	NA	46.2 N	108	43.6	50.7	76.3 N	36.3 N	34.5 N	46.4	11 U

Notes for Tables 4A and 4B:
All samples were analyzed for volatile organic compounds using EPA Method 8260 and semivolatile organic compounds using EPA Method 8270 at STL Connecticut, an NYSDOH-approved laboratory.

[1] Site Specific Soil Action Level (exceedances shown in bold.)

[2]Endpoint sample mistakenly labeld with "WC" prefix, rather than "EP"

U - Analyte was not detected at or above the reporting limit.

B - Compound was found in the blank.

J - Result an estimated value below the reporting limit.

H - Alternate peak selection upon analytical review.

A - Sample concentration exceeded instrument calibration range. Reanalysis of sample indicated lower concentration within calibration range. Higher concentration reported in table.

ug/Kg = micrograms per kilogram

NA - No SSSAL assigned to this compound.

Bold headings indicate final endpoint samples.

Notes for Table 4C:
All samples were analyzed for target analyte list metals at STL Connecticut, an NYSDOH-approved laboratory.

[1] Site Specific Soil Action Level (exceedances shown in bold.)

[2]Endpoint sample mistakenly labeld with "WC" prefix, rather than "EP"

U - Analyte was not detected above the reporting limit.

B - Result is less than the reporting limit, but greater than or equal to the method detection limit.

N - MS, MSD: Spike recovery exceeds the upper or lower control limits.

* LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.

mg/Kg - milligrams per kilogram.

NA - No SSSAL assigned to this compound.

Bold headings indicate final endpoint samples.

TABLE 5A
VOLATILE ORGANIC COMPOUNDS DETECTED IN SIDEWALL ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C25-Southwall3 (11)	EP-C26-SOUTH WALL-1(10)	EP-C26-Southwall-2(11)	EP-C28-EASTWALL-1(10)	EP-C28-EASTWALL-2(10)
Dilution		1	1	1	1	1
Lab Sample ID		211608-002	211526-001	211526-011	211608-013	211749-001
Date Sampled	SSSAL[1]	12/12/2005	12/3/2005	12/9/2005	12/15/2005	12/27/2005
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound						
Chloromethane	NA	2 U	2 U	2 U	2 U	2.3 U
Vinyl chloride	NA	2.4 U	2.5 U	2.5 U	2.5 U	2.9 U
Bromomethane	NA	2.7 U	2.8 U	2.7 U	2.8 U	3.2 U
Chloroethane	NA	3.5 U	3.7 U	3.6 U	3.6 U	4.2 U
1 1-Dichloroethene	NA	2.4 U	2.5 U	2.5 U	2.5 U	2.9 U
Carbon disulfide	NA	2.1 U	2.2 U	2.1 U	2.1 U	2.5 U
Acetone	NA	13 J	14 J	21 J	16 JB	22 JB
Methylene chloride	NA	20 JB	7.3 JB	21 JB	5.9 J	5.1 U
trans-1 2-Dichloroethene	NA	1.7 U	1.8 U	1.7 U	1.8 U	2 U
Methyl-tert-butyl-ether (MTBE)	NA	0.37 U	0.38 U	0.37 U	0.38 U	0.43 U
1 1-Dichloroethane	NA	1.6 U	1.7 U	1.6 U	1.6 U	1.9 U
cis-1 2-Dichloroethene	NA	1.5 U	1.5 U	1.5 U	1.5 U	1.7 U
2-Butanone (MEK)	NA	2.8 U	2.9 U	110	21	3.3 U
Chloroform	NA	1.3 U	1.4 U	1.4 U	1.4 U	1.6 U
1 1 1-Trichloroethane	NA	2 U	2 U	2 U	2 U	2.3 U
Carbon tetrachloride	NA	2.6 U	2.7 U	2.6 U	2.6 U	3 U
Benzene	60	2.8 J	1.8 U	1.7 U	1.8 U	20
1 2-Dichloroethane	NA	2.2 U	2.3 U	2.2 U	2.2 U	2.6 U
Trichloroethene	NA	2.1 U	2.2 U	2.1 U	2.1 U	2.5 U
1 2-Dichloropropane	NA	1.3 U	1.4 U	1.4 U	1.4 U	1.6 U
Bromodichloromethane	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U
cis-1 3-Dichloropropene	NA	0.49 U	0.51 U	0.49 U	0.5 U	0.58 U
4-Methyl-2-pentanone (MIBK)	NA	1.2 U	1.3 U	3 J	1.2 U	1.4 U
Toluene	1,500	2.1 U	2.2 U	2.1 U	2.1 U	12
trans-1 3-Dichloropropene	NA	0.61 U	0.64 U	0.62 U	0.62 U	0.72 U
1 1 2-Trichloroethane	NA	0.73 U	0.76 U	0.74 U	0.75 U	0.87 U
Tetrachloroethene	NA	2.3 U	2.4 U	2.3 U	2.4 U	2.7 U
2-Hexanone	NA	2.8 U	2.9 U	2.8 U	2.9 U	3.3 U
Dibromochloromethane	NA	0.61 U	0.64 U	0.62 U	0.62 U	0.72 U
Chlorobenzene	NA	1.3 U	1.4 U	1.4 U	1.4 U	1.6 U
Ethylbenzene	5,500	2.2 U	2.3 U	2.2 U	2.2 U	8.9
m&p-Xylenes	600	4 U	4.2 U	4.1 U	4.1 U	9
o-Xylene	1,200	1.5 U	1.5 U	1.5 U	1.5 U	12
Styrene	NA	1.2 U	1.3 U	1.2 U	1.2 U	1.4 U
Bromoform	NA	0.73 U	0.76 U	0.74 U	0.75 U	0.87 U
1 1 2 2-Tetrachloroethane	NA	0.61 U	0.64 U	0.62 U	0.62 U	0.72 U
Total VOCs	10,000	35.8	21.3	155	42.9	83.9

TABLE 5B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN SIDEWALL ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		EP-C25-Southwall3 (11)	EP-C26-Southwall 1(10)	EP-C26-Southwall-2(11)	EP-C28-Eastwall 1(10)	EP-C28-Eastwall 2(10)
Dilution		1	1	1	1	1
Lab Sample ID		211608-002	211526-001	211526-011	211608-013	211749-001
Date Sampled	SSSAL[1]	12/12/2005	12/3/2005	12/9/2005	12/15/2005	12/27/2005
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound						
Phenol		110 U	120 U	120 U	120 U	130 U
Bis(2-chloroethyl)ether		53 U	57 U	54 U	56 U	62 U
1 3-Dichlorobenzene		60 U	64 U	61 U	64 U	71 U
1 4-Dichlorobenzene		62 U	67 U	64 U	66 U	73 U
1 2-Dichlorobenzene		65 U	70 U	67 U	70 U	77 U
Benzyl alcohol		74 U	79 U	76 U	79 U	87 U
2-Methylphenol		100 U	110 U	110 U	110 U	120 U
2 2-oxybis (1-chloropropane)		55 U	59 U	56 U	59 U	65 U
n-Nitroso-di-n-propylamine		53 U	57 U	54 U	56 U	62 U
Hexachloroethane		69 U	74 U	71 U	74 U	82 U
4-Methylphenol		210 U	230 U	210 U	220 U	250 U
2-Chlorophenol		100 U	110 U	100 U	110 U	120 U
Nitrobenzene		47 U	50 U	48 U	50 U	55 U
Bis(2-chloroethoxy)methane		67 U	72 U	68 U	71 U	79 U
1 2 4-Trichlorobenzene		65 U	70 U	67 U	70 U	77 U
Isophorone		70 U	75 U	72 U	75 U	83 U
2 4-Dimethylphenol		200 U	220 U	210 U	220 U	240 U
Hexachlorobutadiene		79 U	85 U	82 U	85 U	94 U
Naphthalene	13,000	67 U	72 U	68 U	71 U	79 U
2 4-Dichlorophenol		130 U	140 U	130 U	140 U	150 U
4-Chloroaniline		130 U	130 U	130 U	130 U	150 U
2 4 6-Trichlorophenol		99 U	110 U	100 U	110 U	120 U
2 4 5-Trichlorophenol		140 U	150 U	150 U	150 U	170 U
Hexachlorocyclopentadiene		290 U	310 U	300 U	310 U	340 U
2-Methylnaphthalene		62 U	67 U	64 U	66 U	73 U
2-Nitroaniline		49 U	53 U	50 U	52 U	58 U
2-Chloronaphthalene		57 U	62 U	59 U	61 U	68 U
4-Chloro-3-methylphenol		130 U	140 U	140 U	140 U	160 U
2 6-Dinitrotoluene		71 U	77 U	73 U	76 U	84 U
2-Nitrophenol		140 U	150 U	140 U	140 U	160 U
3-Nitroaniline		81 U	87 U	83 U	86 U	95 U
Dimethyl phthalate		60 U	64 U	61 U	64 U	71 U
2 4-Dinitrophenol		130 U	140 U	140 U	140 U	160 U
Acenaphthylene		49 U	52 U	49 U	51 U	57 U
2 4-Dinitrotoluene		70 U	75 U	72 U	75 U	83 U
Acenaphthene	NA	190 J	69 U	66 U	69 U	76 U
Dibenzofuran		62 U	67 U	64 U	66 U	73 U
4-Nitrophenol		170 U	180 U	170 U	180 U	200 U
Fluorene		50 U	54 U	52 U	54 U	59 U
4-Nitroaniline		56 U	60 U	58 U	60 U	66 U
4-Bromophenyl phenyl ether		60 U	64 U	61 U	64 U	71 U
Hexachlorobenzene		57 U	62 U	59 U	61 U	68 U
Diethyl phthalate	NA	57 U	160 JB	59 U	61 U	68 U
4-Chlorophenyl phenyl ether		54 U	58 U	55 U	58 U	64 U
Pentachlorophenol		340 U	360 U	350 U	360 U	400 U
n-Nitrosodiphenylamine		58 U	63 U	60 U	62 U	69 U
4 6-Dinitro-2-methylphenol		280 U	300 U	290 U	300 U	330 U
Phenanthrene		46 U	49 U	47 U	49 U	54 U
Anthracene		64 U	69 U	66 U	69 U	76 U
Carbazole		57 U	62 U	59 U	61 U	68 U
Di-n-butyl phthalate		51 U	55 U	53 U	55 U	61 U
Fluoranthene		49 U	53 U	50 U	52 U	58 U
Pyrene		54 U	58 U	55 U	58 U	64 U
Butyl benzyl phthalate		50 U	54 U	52 U	54 U	59 U
Benzo(a)anthracene		53 U	57 U	54 U	56 U	62 U
Chrysene		49 U	53 U	50 U	52 U	58 U
3 3-Dichlorobenzidine		100 U	110 U	110 U	110 U	120 U
Bis(2-ethylhexyl)phthalate		51 U	55 U	53 U	55 U	61 U
Di-n-octyl phthalate		41 U	44 U	42 U	44 U	48 U
Benzo(b)fluoranthene		110 U	120 U	110 U	120 U	130 U
Benzo(k)fluoranthene		43 U	47 U	44 U	46 U	51 U
Benzo(a)pyrene		48 U	52 U	49 U	51 U	57 U
Indeno(1 2 3-cd)pyrene		40 U	43 U	41 U	42 U	47 U
Dibenzo(a h)anthracene		43 U	47 U	44 U	46 U	51 U
Benzo(ghi)perylene		43 U	47 U	44 U	46 U	51 U
Total SVOCs	500,000	190	160	-	-	-

TABLE 5C
METALS DETECTED IN SIDEWALL ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID Dilution Lab Sample ID Date Sampled Units	SSSAL[1] mg/kg	EP-C25-Southwall3 (11) 1 211608-002 12/12/2005 mg/Kg	EP-C26-Southwall-1(10) 1 211526-001 12/3/2005 mg/Kg	EP-C26-Southwall-2(11) 1 211526-011 12/9/2005 mg/Kg	EP-C28-EASTWALL-1(10) 1 211608-013 12/15/2005 mg/Kg	EP-C28-Eastwall-2(10) 1 211749-001 12/27/2005 mg/Kg
Compound						
Aluminum	NA	7260	7910	6550	5980	5400
Antimony	NA	1.3 UN	1.7 UN	1.7 U	1.6 U	1.7 UN
Arsenic	**25**	3.2 B	12 N	6.6 B	1.7 U	2.4 BN
Barium	NA	22.9	33.4	24.4	19.9	11.6
Beryllium	NA	0.57 U	0.73 U	0.76 U	0.69 U	0.73 U
Cadmium	NA	1.1 U	1.5 U	1.5 U	1.4 U	1.5 U
Calcium	NA	610 *	786	603	1160	2330 *
Chromium	NA	10.2 N	10.4	9.1	10	12.5
Cobalt	NA	6.4	6.7	5.2	4.3	3.3
Copper	NA	13.4	13.9	11.9	10.2	6.2 B*N
Iron	NA	14300	14700	13700	10700	10300
Lead	**1000**	6.5 B	7.1 B	5.8 B	4.9 B	14.1 *
Magnesium	NA	2500	2420	2300	2890	2180
Manganese	NA	242	284 *	134	307	158 *
Mercury	**2**	0.014 U	0.017 B	0.024 B	0.013 U	0.017 U
Nickel	NA	12.7	12.8	12	13.4	9.6 N
Potassium	NA	484	539 N	415	563	513
Selenium	NA	1.8 U	2.3 U	2.4 U	2.2 U	2.3 UN
Silver	NA	0.37 U	0.47 U	0.49 U	0.44 U	0.47 U
Sodium	NA	92.4 B	130 B	67.7 B	86.1 B	164 *
Thallium	NA	4.8 UN	6.1 UN	6.4 U	5.7 U	6.1 UN
Vanadium	NA	14.3 *	14.4	13.5	12.6	15.8
Zinc	NA	40	36.9	39	35.1	34 N

Notes for Tables 5A and 5B:

All samples were analyzed for volatile organic compounds using EPA Method 8260 and semivolatile organic compounds using EPA Method 8270 at STL Connecticut, an NYSDOH-approved laboratory.

[1] Site Specific Soil Action Level (exceedances shown in bold.)
U - Analyte was not detected at or above the reporting limit.
B - Compound was found in the blank.
J - Result an estimated value below the reporting limit.
ug/Kg = micrograms per kilogram
NA - No SSSAL assigned to this compound.

Notes for Table 5C:

All samples were analyzed for target analyte list metals at STL Connecticut, an NYSDOH-approved laboratory.

[1] Site Specific Soil Action Level (exceedances shown in bold.)
U - Analyte was not detected above the reporting limit.
B - Result is less than the reporting limit, but greater than or equal to the method detection limit.
N - MS, MSD: Spike recovery exceeds the upper or lower control limits.
* LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
mg/Kg - milligrams per kilogram.
NA - No SSSAL assigned to this compound.

TABLE 6A
VOLATILE ORGANIC COMPOUNDS DETECTED IN P-16 AND UNDERGROUND STORAGE TANK ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		SW-P16(N)5FT	SW-P16(E)5FT	SW-P16(S)5FT	SW-P16(W)5FT	EP-P16(5FT)	SW-P16(E2)	SW-P16(S2)	SW-P16(S3)	SW-P16(S4)	SWS1-S(3.5FT)
Lab Sample ID		212461-006	212461-007	212461-008	212461-009	212461-010	212695-002	212695-001	212695-003	212695-004	212839-001
Dilution		1	1	1	1	1	1	1	1	1	5
Date Sampled	SSSAL[1]	3/30/2006	3/30/2006	3/30/2006	3/30/2006	3/30/2006	4/19/2006	4/19/2006	4/19/2006	4/19/2006	5/9/2006
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound											
Chloromethane	NA	1.1 U	1 U	1 U	1 U	1.1 U	0.97 U	1.1 U	1.1 U	1 U	5 U
Vinyl chloride	NA	1 U	1 U	0.98 U	1 U	1 U	0.94 U	1 U	1.1 U	0.96 U	4.9 U
Bromomethane	NA	0.96 U	0.94 U	0.93 U	0.94 U	0.98 U	0.89 U	0.98 U	1 U	0.91 U	4.6 U
Acetone	NA	16 J	17 J	6.2 J	9.9 J	3.9 J	3.4 U	26	3.9 U	3.5 UB	86 JB
Methylene chloride	NA	7.9 JB	15 JB	5.5 JB	4.6 JB	8 JB	8.5 JB	12 JB	14 JB	7 JB	21 JB
cis-1 2-Dichloroethene	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.2 U	5.8 U
Benzene	60	2.3 J	2.3 J	4.8 J	0.99 U	1.6 J	0.93 U	1 U	1.1 U	0.96 U	4.8 U
Toluene	1500	4.6 JB	3.2 JB	6 B	1.1 JB	2.4 JB	0.91 U	1 U	1 U	0.93 U	4.7 U
Tetrachloroethene	NA	0.82 U	0.81 U	0.79 U	0.8 U	0.83 U	0.76 U	1.5 J	0.86 U	0.77 U	3.9 U
Ethylbenzene	5500	1.4 J	0.91 U	1.4 J	0.9 U	1.5 J	0.85 U	0.94 U	0.97 U	0.87 U	6.9 J
m&p-Xylenes	500	6.1	3.4 J	6.4	1.6 UH	2 J	1.5 U	1.6 U	1.7 U	1.5 U	7.7 U
o-Xylene	1200	1.6 J	0.9 J	1.7 J	0.88 U	0.98 J	0.83 U	0.92 U	0.95 U	0.85 U	25 J
Total VOCs	10,000	39.9	41.8	32	17.2	20.38	8.5	39.5	14	10.5	138.9

TABLE 6A
VOLATILE ORGANIC COMPOUNDS DETECTED IN P-16 AND UNDERGROUND STORAGE TANK ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		SWS2-E(3.5FT)	SWS3-E(3.5)	SWS4-S(3.5)	SWS5-N(3.5)	SWS6-W(3.5)	SWS7-W(3.5)	SWS8-N(3.5)	SWS(N)T19(7FT)	SWS(E)T19(7FT)
Lab Sample ID		212839-002	212853-001	212853-002	212853-003	212853-004	212853-005	212853-006	1	1
Dilution		5	5	5	5	5	5	5	212986-001	212986-002
Date Sampled	SSSAL[1]	5/9/2006	5/10/2006	5/10/2006	5/10/2006	5/10/2006	5/10/2006	5/10/2006	5/25/2006	5/25/2006
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound										
Chloromethane	NA	5.1 U	5.4 U	5.1 U	5.3 U	5 U	5.3 U	5.2 U	0.98 U	1.1 U
Vinyl chloride	NA	5 U	5.2 U	4.9 U	5.1 U	4.8 U	5.2 U	5 U	0.95 U	1 U
Bromomethane	NA	4.7 U	4.9 U	4.6 U	4.8 U	4.5 U	4.9 U	4.8 U	0.9 U	0.96 U
Acetone	NA	59 JB	45 JB	71 JB	120 B	22 JB	200	110 J	10 JB	3.7 UB
Methylene chloride	NA	19 JB	16 JB	17 JB	18 JB	15 JB	22 JB	24 JB	6.4 JB	10 JB
cis-1,2-Dichloroethene	NA	5.9 U	6.3 U	5.8 U	6.1 U	5.7 U	6.2 U	6 U	1.1 U	1.2 U
Benzene	60	4.9 U	5.2 U	4.8 UH	6.7 J	4.7 U	5.1 U	5 U	0.94 U	1 U
Toluene	1500	15 J	5.1 U	12 J	4.9 U	4.6 U	5 U	8.9 J	0.92 U	0.98 U
Tetrachloroethene	NA	4 U	4.2 U	3.9 U	4.1 U	3.9 U	4.2 U	4.1 U	0.77 U	0.82 U
Ethylbenzene	5500	4.5 U	4.8 U	340	4.6 U	4.3 U	4.7 U	4.6 U	0.86 U	0.93 U
m&p-Xylenes	600	11 J	8.3 U	1400	8 U	7.5 U	68	7.9 U	1.5 U	1.6 U
o-Xylene	1200	80	4.6 U	300	4.5 U	4.2 U	4.6 U	4.5 U	0.84 U	0.9 U
Total VOCs	10,000	184	61	2144.8	150	37	290	142.9	16.4	13.7

TABLE 6A
VOLATILE ORGANIC COMPOUNDS DETECTED IN P-16 AND UNDERGROUND STORAGE TANK ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID Lab Sample ID Dilution Date Sampled Units	SSSAL[1] ug/Kg	SWS(S)T19(7FT) 1 212986-003 5/25/2006 ug/Kg	SWS(W)T19(7FT) 1 212986-004 5/25/2006 ug/Kg	BS-T19(8FT) 5 212986-005 5/25/2006 ug/Kg	SWS(N)T20-22(7FT) 1 212986-006 5/25/2006 ug/Kg	SWS(E)T20-22(7FT) 5 212986-007 5/25/2006 ug/Kg	SWS(S)T20-22(7FT) 5 212986-008 5/25/2006 ug/Kg	SWS(W)T20-22(7FT) 1 212986-009 5/25/2006 ug/Kg
Compound								
Chloromethane	NA	1 U	1 U	5.3 U	1 U	5 U	5.2 U	1 U
Vinyl chloride	NA	0.99 U	1 U	5.1 U	0.98 U	4.8 U	5 U	1 U
Bromomethane	NA	0.93 U	0.94 U	4.8 U	0.93 U	4.5 U	4.7 U	0.94 U
Acetone	NA	3.6 UB	5.6 JB	25 JB	3.6 UB	17 UB	20 JB	5.9 JB
Methylene chloride	NA	8.4 JB	9.5 JB	41 JB	18 JB	33 JB	34 JB	17 JB
cis-1 2-Dichloroethene	NA	1.2 U	1.2 U	6.1 U	1.2 U	6.3 J	6 U	1.2 U
Benzene	60	0.98 U	0.99 U	5.1 U	0.97 U	4.8 U	4.9 U	0.98 U
Toluene	1500	0.95 U	0.97 U	4.9 U	0.95 U	4.6 U	4.8 UH	0.96 U
Tetrachloroethene	NA	0.79 U	0.81 U	4.1 U	50	290	49	4.4 J
Ethylbenzene	5500	0.9 U	0.91 U	4.6 U	0.89 U	4.4 U	4.5 U	0.9 U
m&p-Xylenes	600	1.6 U	1.6 U	8.1 U	1.5 U	7.6 U	7.8 U	1.6 U
o-Xylene	1200	0.87 U	0.89 U	6.9 J	0.87 U	4.3 U	4.4 U	0.88 U
Total VOCs	10,000	12.77	15.1	72.9	71.6	346.3	107.8	27.3

TABLE 6B
SEMIVOLATILE COMPOUNDS DETECTED IN P-16 AND UNDERGROUND STORAGE TANK ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Sample ID		SW-P16(N)5FT	SW-P16(E)5FT	SW-P16(S)5FT	SW-P16(W)5FT	EP-P16(5FT)	SW-P16(E2)	SW-P16(S2)	SW-P16 (S3)	SW-P16 (S4)
Lab Sample Number		212461-006	212461-007	212461-008	212461-009	212461-010	F6D210127002	F6D210127001	F6D270198001	F6D270198002
Sampling Date		3/30/06	3/30/06	3/30/06	3/30/06	3/30/06	4/19/2006	4/19/2006	4/19/2006	4/19/2006
Dilution Factor	SSSAL[1]	2	50	20	4	2	1/5	1	1	1
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/kg	ug/kg	ug/kg	ug/kg
2,4-Dimethylphenol	NA	390 U	19000 U	3900 U	760 U	400 U	360 U	390 U	71 J	370 U
2-Methylnaphthalene	NA	120 U	6000 U	1200 U	240 U	120 U	110 J	260 J	73 J	400
3-Nitroaniline	NA	160 U	7800 U	1600 U	310 U	160 U	1900 U	1900 U	1900 U	1800 U
Acenaphthene	NA	130 U	32000 J	2600 J	240 U	830	1400	2300	530	1300
Acenaphthylene	NA	420 JH	4600 U	920 U	180 U	95 U	93 J	72 J	390 U	770
Aniline	NA	NR	NR	NR	NR	NR	NR	NR	97 J	350 J
Anthracene	NA	670 J	56000	6700 J	780 J	1300	3100	4100	880	3300
Benzo(a)anthracene	NA	5900	140000	20000	4400	2800	9200 D	10000 D	2300	10000 E
Benzo(a)pyrene	NA	5400	120000	17000	2900	2500	6700 D	9000 D	2100	9300 E
Benzo(b)fluoranthene	NA	6900	120000	23000	4300 M	2600 H	5800 D	8300 D	1900	13000 E
Benzo(ghi)perylene	NA	5100	94000	18000	2400	2300	2700	3800	1100	5200
Benzo(k)fluoranthene	NA	2800	52000	7600 M	2000 M	1300	6000 D	7200 D	2300	3200
bis(2-Ethylhexyl) phthalate	NA	100 U	5000 U	990 U	200 U	100 U	360 U	140 J	300 J	370 U
Carbazole	NA	140 J	25000 J	2900 J	330 J	590 J	1100	2100	460	1400
Chrysene	NA	6900	130000	21000	4200	2900	7900 D	9400 D	2100	9100 E
Dibenz(a,h)anthracene	NA	1600	25000 J	2800 JM	690 JH	630 JH	1200	1700	400	370 U
Dibenzofuran	NA	120 U	13000 J	1900 J	240 U	400 J	550	940	210 J	780
Diethylphthalate	NA	110 U	5500 U	1100 U	220 U	110 U	360 U	150 J	390 U	370 U
Di-n-butylphthalate	NA	100 U	5000 U	990 U	200 U	100 U	360 U	95 J	390 U	370 U
Di-n-octylphthalate	NA	60 U	3900 U	790 U	160 U	81 U	360 U	390 U	390 U	370 U
Fluoranthene	NA	11000	270000	45000	9400	5300	18000 D	20000 D	4900	20000 E
Fluorene	NA	98 U	23000 J	1800 J	190 U	640 J	1000	1700	380 J	1000
Indeno(1,2,3-cd)pyrene	NA	5500	99000	14000	2400	2100	2900	4100	1100	5400
Naphthalene	13,000	130 U	9600 J	1300 U	250 U	310 J	240 J	640	200 J	630
N-Nitrosodiphenylamine	NA	110 U	5600 U	1100 U	220 U	120 U	360 U	390 U	390 U	370 U
Phenanthrene	NA	5100	190000	33000	5800	5000	10000 D	14000 D	3200	14000 E
Pyrene	NA	10000	240000	46000	8000	6000	16000 D	17000 D	3600	16000 E
Total SVOCs	500,000	67,430	1,638,600	263,500	47,600	37,500	93,993	116,997	28,201	115,130

TABLE 6B
SEMIVOLATILE COMPOUNDS DETECTED IN P-16 AND UNDERGROUND STORAGE TANK ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Sample ID		SWS1-S	SWS2-E	SWS3-E-3.5	SWS4-S-3.5	SWS5-N-3.5	SWS6-W-3.5	SWS8-N-3.5	SWS(N)T19(7FT)	SWS(E)T19(7FT)
Lab Sample Number		733895	733896	734300	734301	734302	734303	734305	A6E310136001	A6E310136002
Sampling Date		05/09/06	05/09/06	05/10/06	05/10/06	05/10/06	05/10/06	05/10/06	5/25/2006	5/25/2006
Dilution Factor		10	5	2	2	5	10	20	1	4
Units	SSSAL[1] ug/Kg	mg/kg	mg/kg	ug/Kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/kg	ug/kg
2,4-Dimethylphenol	NA	3700 U	1700 J	790 U	870 U	1800 U	3900 U	8000 U	22 U	91 U
2-Methylnaphthalene	NA	4000	6500	5900	380 J	1800 J	230 J	12000	1.7 U	6.8 U
3-Nitroaniline	NA	7400 U	3900 U	1600 U	1700 U	3700 U	7800 U	16000 U	18 U	72 U
Acenaphthene	NA	4800	4200	2900	450 J	3700	210 J	3200 J	1.4 U	5.9 U
Acenaphthylene	NA	800 J	1200 J	660 J	310 J	640 J	140 J	530 J	1.3 U	5.4 U
Aniline	NA	NR	NR	NR	NR	NR	NR	NR	NR	NR
Anthracene	NA	9900	5200	3800	790 J	5700	470 J	4100 J	1.4 U	5.9 U
Benzo(a)anthracene	NA	17000	6400	6900	2000	8300	910	5000	1.1 U	1900
Benzo(a)pyrene	NA	14000	6000	5900	2200	7300	900	4500	1.4 U	1500
Benzo(b)fluoranthene	NA	11000	4400	5000	2000	6300	660	3400	1.3 U	1600
Benzo(ghi)perylene	NA	7700	3300	2100	1000	2000	800 J	3100 J	1.4 U	5.9 U
Benzo(k)fluoranthene	NA	12000	5600	5400	2300	8200	680	3800	1.9 U	7.7 U
bis(2-Ethylhexyl) phthalate	NA	3700 U	1900 U	180 J	870 U	9100	3900 U	8000 U	20 U	82 U
Carbazole	NA	1700 J	1100 J	1500	190 J	1900	3900 U	920 J	21 U	86 U
Chrysene	NA	18000	6500	7200	2300	8200	870 J	4400 J	1 U	1700
Dibenz(a,h)anthracene	NA	2800	1100	930	310	1000	390 U	800 U	1.4 U	5.9 U
Dibenzofuran	NA	3300 J	3000	2000	360 J	2100	170 J	2500 J	22 U	91 U
Diethylphthalate	NA	3700 U	1900 U	790 U	870 U	1800 U	3900 U	8000 U	21 U	86 U
Di-n-butylphthalate	NA	1600 J	1900 U	790 U	870 U	1800 U	3900 U	8000 U	21 U	86 U
Di-n-octylphthalate	NA	3700 U	1900 U	790 U	870 U	3000	3900 U	8000 U	20 U	82 U
Fluoranthene	NA	42000	16000	14000	4100	17000	1700 J	13000	1.3 U	3600
Fluorene	NA	5800	4800	2800	540 J	3400	220 J	3800 J	1.3 U	5.4 U
Indeno(1,2,3-cd)pyrene	NA	7300	3200	2400	1100	2200	620	2700	1.7 U	6.8 U
Naphthalene	13,000	4500	5500	3400	500 J	2100	1200 J	2600 J	1.8 U	7.2 U
N-Nitrosodiphenylamine	NA	740 J	900 J	890	870 U	1800 U	3900 U	8000 U	23 U	95 U
Phenanthrene	NA	36000	17000	15000	1600	19000	1400 J	13000	2.2 U	2300
Pyrene	NA	40000	17000	14000	5600	22000	1900 J	10000	1.2 U	3500
Total SVOCs	500,000	244,940	120,600	102,860	28,030	134,940	13,060	92,750	0	16,100

TABLE 6B
SEMIVOLATILE COMPOUNDS DETECTED IN P-16 AND UNDERGROUND STORAGE TANK ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Sample ID Lab Sample Number Sampling Date Dilution Factor Units	SSSAL[1] ug/Kg	SWS(S)T19(7FT) A6E310136003 5/25/2006 2 ug/kg	SWS(W)T19(7FT) A6E310136004 5/25/2006 4 ug/kg	BS-T19(8FT) A6E310136005 5/25/2006 7 ug/kg	SWS-(N)T20-22(7FT) A6E310136006 5/25/2006 25 ug/kg	SWS-(E)T20-22(7FT) A6E310136007 5/25/2006 20 ug/kg	SWS-(S)T20-22(7FT) A6E310136008 5/25/2006 20 ug/kg	SWS-(W)T20-22(7FT) A6E310136009 5/25/2006 13 ug/kg
2,4-Dimethylphenol	NA	46 U	92 U	160 U	570 U	440 U	450 U	290 U
2-Methylnaphthalene	NA	3.4 U	6.9 U	3800	43 U	33 U	34 U	22 U
3-Nitroaniline	NA	36 U	73 U	130 U	460 U	360 U	360 U	230 U
Acenaphthene	NA	3 U	6 U	10 U	37 U	29 U	29 U	19 U
Acenaphthylene	NA	2.7 U	5.5 U	9.4 U	34 U	27 U	27 U	18 U
Aniline	NA	NR	NR	NR	NR	NR	NR	NR
Anthracene	NA	3 U	6 U	10 U	37 U	29 U	29 U	19 U
Benzo(a)anthracene	NA	940	1700	3600	15000	21 U	7700	7000
Benzo(a)pyrene	NA	3 U	6 U	3100	12000	29 U	29 U	6200
Benzo(b)fluoranthene	NA	820	1600	4200	15000	7600	27 U	6200
Benzo(ghi)perylene	NA	3 U	6 U	10 U	37 U	29 U	29 U	19 U
Benzo(k)fluoranthene	NA	3.9 U	7.8 U	13 U	49 U	38 U	38 U	25 U
bis(2-Ethylhexyl) phthalate	NA	41 U	1900	140 U	520 U	400 U	400 U	260 U
Carbazole	NA	43 U	87 U	150 U	540 U	420 U	430 U	280 U
Chrysene	NA	810	1600	3700	16000	20 U	20 U	6300
Dibenz(a,h)anthracene	NA	3 U	6 U	10 U	37 U	29 U	29 U	19 U
Dibenzofuran	NA	46 U	92 U	160 U	570 U	440 U	450 U	290 U
Diethylphthalate	NA	43 U	87 U	150 U	540 U	420 U	430 U	280 U
Di-n-butylphthalate	NA	43 U	87 U	150 U	540 U	420 U	430 U	280 U
Di-n-octylphthalate	NA	41 U	83 U	140 U	520 U	400 U	400 U	260 U
Fluoranthene	NA	1900	3500	8100	34000	16000	16000	16000
Fluorene	NA	2.7 U	5.5 U	9.4 U	34 U	27 U	27 U	18 U
Indeno(1,2,3-cd)pyrene	NA	3.4 U	6.9 U	12 U	43 U	33 U	34 U	22 U
Naphthalene	13,000	3.6 U	7.3 U	13 U	46 U	36 U	36 U	23 U
N-Nitrosodiphenylamine	NA	48 U	96 U	160 U	600 U	470 U	470 U	310 U
Phenanthrene	NA	1300	2900	7800	23000	8900	9800	11000
Pyrene	NA	1700	3500	7600	32000	15000	16000	15000
Total SVOCs	**500,000**	7,470	16,700	41,900	147,000	47,500	49,500	66,700

TABLE 6C
METALS DETECTED IN P-16 AND UNDERGROUND STORAGE TANK ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		SW-P16(N)5FT	SW-P16(E)5FT	SW-P16(S)5FT	SW-P16(W)5FT	EP-P16(5FT)	SW-P16(E2)	SW-P16(S2)	SW-P16(S3)	SW-P16(S4)	SWS1-S
Lab Sample ID		212461-006	212461-007	212461-008	212461-009	212461-010	212695-002	212695-001	212695-003	212695-004	733895
Dilution		1	1	1	1	1	1	1	1	1	
Date Sampled	SSSAL[1]	3/30/2006	3/30/2006	3/30/2006	3/30/2006	3/30/2006	4/19/2006	4/19/2006	4/19/2006	4/19/2006	5/9/2006
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/kg
Compound											
Aluminum	NA	4480	5370	3130	2370	2450	6070 *	4700 *	4740 *	3280	6610
Antimony	NA	1.2 U	3.4 B	13.4	1.5 U	1.2 U	3.2 BN	4.5 BN	6.7 BN	8.3 B	1.3 U
Arsenic	25	9.4	9.7	9.6	2.9 B	1.5 B	1.2 UN	6.7 BN	14.3 N	18.1	9.7
Barium	NA	106	157	163	28.9	35.1	69.2 *N	152 *N	384 *N	335	523
Cadmium	NA	1.1 U	2.2 B	2.6 B	1.3 U	1 U	1 UN	3.9 N	1.4 B	15.2	0.44 B
Calcium	NA	22600	23300	14900	2300	2710	7800 *	35700 *	27800 *N	23100	11200
Chromium	NA	11.5	84.4	19.1	7.2	10.4	19.6 *N	41.8 *N	37.8 *N	17.5	18.6
Cobalt	NA	4.7	5.7	6.2	4	3.6	5.2 *	5.9 *	4.5 *N	11.6	7 B
Copper	NA	27.8	151	127	18.2	14.6	76.5 *N	168 *N	102 N	2180	85.7
Iron	NA	10900	16400	15000	11200	9380	12600 *	13400 *	8800 *	31200	16900
Lead	1000	387	3880	59500	331	59.7	143 *	1310 *	2330	6060	880
Magnesium	NA	4270	4880	1850	1950	2370	2450 *	3680 *	5240 *N	2720	2770
Manganese	NA	268	545	664	273	164	307 *	302 *	611 *N	2290	384
Mercury	2	2.1	0.022 B	0.9	0.58	0.05 B	0.098	0.5	0.54 N	7.1	3.4
Nickel	NA	13.3	30	11.6	8.9	11.1	21.8 *N	27.5 *N	16.2 *N	11.1	18.2
Potassium	NA	561	929	505	370	338	639 *	813 *	740	450	939 B
Selenium	NA	1.7 U	1.8 B	1.6 U	2.1 U	1.6 U	1.6 U	2 U	1.8 U	1.9 U	0.93 U
Silver	NA	0.35 U	2.1 B	0.33 U	0.42 U	0.33 U	0.32 UN	0.65 BN	0.41 BN	2 B	0.31 U
Sodium	NA	193	310	253	92.1 B	112	115 *N	372 *N	260	287	369 B
Vanadium	NA	20.3	71.5	19.4	10.6	12.8	23.3 *N	75 *N	66.3 *N	14.2	26.2
Zinc	NA	251	566	331	65.2	68.6	216 *	772 *	970 N	3400	405

TABLE 6C
METALS DETECTED IN P-16 AND UNDERGROUND STORAGE TANK ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID Lab Sample ID Dilution Date Sampled Units	SSSAL[1] mg/Kg	SWS2-E 733896 5/9/2006 mg/kg	SWS3-E(3.5) 212853-001 1 5/10/2006 mg/Kg	SWS4-S(3.5) 212853-002 1 5/10/2006 mg/Kg	SWS5-N(3.5) 212853-003 1 5/10/2006 mg/Kg	SWS6-W(3.5) 212853-004 1 5/10/2006 mg/Kg	SWS7-W(3.5) 212853-005 1 5/10/2006 mg/Kg	SWS8-N(3.5) 212853-006 1 5/10/2006 mg/Kg	SWS(N)T19(7FT) 212986-001 1 5/25/2006 mg/Kg	SWS(E)T19(7FT) 212986-002 1 5/25/2006 mg/Kg
Compound										
Aluminum	NA	7070	5980	5980	7520	7110	6600	7110	5320	5740
Antimony	NA	1.4 U	0.0076 U	0.61 B	0.0066 U	0.18 B	0.0061 U	0.56 B	2.6 B	3.4 B
Arsenic	25	19.2	9.4 B	6.1 B	4.8 B	7.3 B	0.0044 U	4.2 B	1.1 U	1.3 U
Barium	NA	194	202	234	109	176	38.3	136	38.2	42.4
Cadmium	NA	0.38 B	1.3 B	2.1 B	0.77 B	1.2 B	0.17 B	0.77 B	0.89 U	1.1 U
Calcium	NA	11000	26400	21200	9390	24500	2290	13500	906	917
Chromium	NA	18.2	18.7	15.8	18.1	21	9.1	17.8	13.9	14
Cobalt	NA	6.8 B	7	8.6	10.4	10.9	5.2	8.3	4.5	4.9
Copper	NA	68.2	83.1	113	36.6	87.6	9.8	89.1	12.4	14.1
Iron	NA	14800	19100	14600	14600	15000	13200	16700	10000	10200
Lead	1000	1360	1250	513	271	499	8.8 B	525	5 B	5.3 B
Magnesium	NA	2780	4300	6210	5620	5240	2320	3250	2190	1690
Manganese	NA	383	822	417	295	396	157	763	252	335
Mercury	2	1.7	0.6	1.1	0.11	0.73	0.19	1.7	3.9	1.2
Nickel	NA	15.9	17.8	60.8	42.7	90.1	10.5	42.5	10.3	10.5
Potassium	NA	1020 B	782	797	645	855	496	761	1080	767
Selenium	NA	0.98 U	0.23 B	1.5 B	0.0061 U	0.46 B	0.0056 U	1.4 B	1.4 U	1.7 U
Silver	NA	0.33 U	0.12 B	0.14 B	0.0013 U	0.18 B	0.0012 U	0.073 B	0.29 U	0.34 U
Sodium	NA	492 B	293	501	135	588	166	262	106	101
Vanadium	NA	19.1	21.7	223	50	220	12.8	57.6	15	14.7
Zinc	NA	557	520	696	853	532	33.5	426	27.5	26.5

TABLE 6C
METALS DETECTED IN P-16 AND UNDERGROUND STORAGE TANK ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID Lab Sample ID Dilution Date Sampled Units	SSSAL[1] mg/Kg	SWS(S)T19(7FT) 212986-003 1 5/25/2006 mg/Kg	SWS(W)T19(7FT) 212986-004 1 5/25/2006 mg/Kg	BS-T19(8FT) 212986-005 1 5/25/2006 mg/Kg	SWS(N)T20-22(7FT) 212986-006 1 5/25/2006 mg/Kg	SWS(E)T20-22(7FT) 212986-007 1 5/25/2006 mg/Kg	SWS(S)T20-22(7FT) 212986-008 1 5/25/2006 mg/Kg	SWS(W)T20-22(7FT) 212986-009 1 5/25/2006 mg/Kg
Compound								
Aluminum	NA	5930	6330	4180	5890	4380	4810	4710
Antimony	NA	**1.9 B**	3.6 B	8.2 B	9.3 B	2.6 B	2.5 B	14.3
Arsenic	**25**	**1.9 B**	6.3 B	**16**	8.4 B	8.6	3.9 B	5.5 B
Barium	NA	54.1	168	243	235	272	101	154
Cadmium	NA	1.1 U	1.4 B	1.1 B	1.3 U	**4.1**	0.87 U	1.1 U
Calcium	NA	1870	12900	18300	14800	10600	11000	17500
Chromium	NA	16.6	33.8	45.5	110	27.2	24.6	46.3
Cobalt	NA	8.2	7.5	17.3	5.9	9.3	6.5	7.1
Copper	NA	32.2	108	143	75.5	178	56	75.9
Iron	NA	14900	19300	19500	14700	10300	13800	15000
Lead	**1000**	47.5	423	**1430**	966	**2890**	387	583
Magnesium	NA	2400	4570	3040	3160	2380	2840	3620
Manganese	NA	396	361	2010	338	1560	277	367
Mercury	**2**	0.24	1.1	**6.6**	1.3	**2.4**	0.54	**10.1**
Nickel	NA	12.3	25.4	22	17.4	64.1	21.5	26.6
Potassium	NA	793	722	623	705	545	600	574
Selenium	NA	1.7 U	1.7 U	2.7 B	2.1 U	1.4 U	1.4 U	1.8 U
Silver	NA	0.34 U	1.1 B	0.56 B	0.42 U	0.28 U	0.28 U	0.38 B
Sodium	NA	121	299	279	537	286	197	233
Vanadium	NA	23.2	63.4	33.9	33.8	76.9	36.3	51.8
Zinc	NA	72	430	750	495	540	423	549

Notes for Tables 6A and 6B:
All samples were analyzed for volatile organic compounds using EPA Method 8260 and semivolatile organic compounds using EPA Method 8270 at STL Connecticut, an NYSDOH-approved laboratory.
[1] Site Specific Soil Action Level (exceedances shown in bold.)
U - Analyte was not detected at or above the reporting limit.
B - Compound was found in the blank.
J - Result an estimated value below the reporting limit.
H - Alternate peak selection upon analytical review.
ug/Kg = micrograms per kilogram
NA - No SSSAL assigned to this compound.
NR - Not reported.
ND - Not detected.
Bold headings indicate final endpoint samples.

Notes for Table 6C:
All samples were analyzed for target analyte list metals at STL Connecticut, an NYSDOH-approved laboratory.
[1] Site Specific Soil Action Level (exceedances shown in bold.)
U - Analyte was not detected above the reporting limit.
B - Result is less than the reporting limit, but greater than or equal to the method detection limit.
N - MS, MSD: Spike recovery exceeds the upper or lower control limits.
* LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
mg/Kg - milligrams per kilogram.
NA - No SSSAL assigned to this compound.
Bold headings indicate final endpoint samples.

TABLE 7A
VOLATILE ORGANIC COMPOUNDS DETECTED IN PERIMETER ENDPOINT SAMPLE
QUEENS WEST PARCEL 9

Client ID		QW-PR-1(14-16)	QW-PR-1DUP(14-16)	QW-PR-2(14-16)	QW-PR-3(14-16)	QW-PR-4 (10-12)	QW-PR-5 (10-12)	QW-PR-6 (10-12)	QW-PR-7 (10-12)	QW-PR-8 (11-13)
Dilution		1	1	1	1	1	1	1	1	1
Lab Sample ID		214107-001	214107-002	214107-003	214107-004	214014-008	214014-007	214014-004	214014-006	214014-005
Date Sampled		11/3/2006	11/3/2006	11/3/2006	11/3/2006	10/24/2006	10/24/2006	10/23/2006	10/24/2006	10/24/2006
Units	SSSAL[1] ug/kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound										
2-Butanone (MEK)	NA	12	4.7 J	7.4 J	140 U	3 JB	150 U	6.2 JB	7.9 JB	6.2 JB
Acetone	NA	45 B	39 B	27 B	1400 JB	8.1 JB	350 JB	29 B	26 B	29 B
Benzene	60	11	4.7 J	99	48 U	1.1 U	180 J	5.5 J	1 UH	45
Carbon disulfide	NA	1.5 J	2.6 J	0.73 U	110 U	0.79 U	110 U	0.74 U	0.74 U	1.8 J
Ethylbenzene	5500	200	66	180	1000	1 U	120 U	23	0.96 UH	2.4 J
m&p-Xylenes	600	110	76	340	2000	1.8 U	380 J	6.3	1.7 UH	3.3 J
Methylene chloride	NA	9.8 JB	8.4 JB	10 JB	54 J	4.5 J	120 JB	4.3 J	6.3 JB	5.9 JB
Naphthalene	13,000	NR	NR	NR	NR	1 U	NR	120	7.3	19
o-Xylene	1200	55	6.7	170	3200	0.99 U	120 J	2.6 J	0.96 J	4 J
Styrene	NA	1.3 U	1.3 U	3.3 J	59 U	1.4 U	61 U	1.3 U	1.3 U	1.3 U
Toluene	1500	5.3 J	2.7 J	49	94 J	1.1 U	110 J	2 J	1 UB	1.3 JB
Total VOCs	10,000	449.6	210.8	885.7	7748	15.6	1260	199.1	53.12	117.9

TABLE 7A
VOLATILE ORGANIC COMPOUNDS DETECTED IN PERIMETER ENDPOINT SAMPLE
QUEENS WEST PARCEL 9

Client ID		QW-PR-9 (14-16)	QW-PR-10 (11-13)	QW-PR-11 (10-12)	QW-PR-12 (14-16)	QW-PR-13 (20-22)	TRIP BLANK	TRIP BLANK	QW-TB-2	QW-TB-1
Dilution		1	5	1	1	1	1	1	1	1
Lab Sample ID		214014-001	214014-002	214014-003	214014-011	214014-010	214014-009	214014-012	214107-005	214107-006
Date Sampled		10/23/2006	10/23/2006	10/23/2006	10/25/2006	10/25/2006	10/24/2006	10/25/2006	11/3/2006	11/3/2006
Units	SSSAL[1] ug/kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/L	ug/L	ug/L	ug/L
Compound										
2-Butanone (MEK)	NA	4.5 JB	41 JB	2.6 JB	3.2 JB	2.8 JB	2.4 J	2.5 J	1.2 UB	1.2 UB
Acetone	NA	9.9 JB	73 JB	7.9 JB	11 JB	10 JB	5.2 J	6.1 J	1.8 JB	1.4 UB
Benzene	60	8.7	7.4 U	1 U	1.3 U	30	0.4 U	0.4 U	0.4 U	0.4 U
Carbon disulfide	NA	2.3 J	5.2 U	0.73 U	1.6 J	2.5 J	0.9 U	0.9 U	0.9 U	0.9 U
Ethylbenzene	5500	0.98 U	10 J	0.95 U	1.2 U	4.9 J	1 U	1 U	1 U	1 U
m&p-Xylenes	600	2.5 J	12 U	1.6 U	2.1 U	3.5 J	0.9 U	0.9 U	0.9 U	0.9 U
Methylene chloride	NA	8.8 JB	36 J	4.1 J	6.1 J	5.1 J	3.5 J	4 J	0.66 JB	0.6 JB
Naphthalene	13,000	6.6	73	0.95 U	45	190	0.5 U	0.5 U	NR	NR
o-Xylene	1200	0.95 U	6.6 U	0.92 U	1.2 U	1.9 J	0.4 U	0.4 U	0.4 U	0.4 U
Styrene	NA	1.3 U	9.1 U	1.3 U	1.6 U	1.3 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	1500	1.3 JB	7.2 U	1 U	1.3 U	1 U	0.3 U	0.3 U	0.3 U	0.3 U
Total VOCs	10,000	44.6	233	14.6	66.9	250.7	11.1	12.6	3.66	3.2

TABLE 7B
SEMI VOLATILE ORGANIC COMPOUNDS DETECTED IN PERIMETER ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		QW-PR-1(14-16)	QW-PR-1DUP(14-16)	QW-PR-2(14-16)	QW-PR-3(14-16)	QW-PR-4 (10-12)	QW-PR-5 (10-12)	QW-PR-6 (10-12)	QW-PR-7 (10-12)
Dilution		20	10	5	10	1	1	2	1
Lab Sample ID		214107-001	214107-002	214107-003	214107-004	214014-008	214014-007	214014-004	214014-006
Date Sampled		11/3/2006	11/3/2006	11/3/2006	11/3/2006	10/24/2006	10/24/2006	10/23/2006	10/24/2006
Units	SSSAL[1] ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound									
2-Methylnaphthalene	NA	6700 J	4600	4100	610 U	67 U	62 U	540 J	63 U
Acenaphthene	NA	10000	2400 J	2000	20000	70 U	560	3200	120 J
Acenaphthylene	NA	960 U	480 U	460 J	2400 J	52 U	48 U	480 J	49 U
Anthracene	NA	13000	660 J	790 J	12000	77 J	630	2700	66 U
Benzo(a)anthracene	NA	13000	520 U	250 U	5100	150 J	400	2200	54 U
Benzo(a)pyrene	NA	10000	480 U	230 U	2800 J	120 J	180 J	1600	49 U
Benzo(b)fluoranthene	NA	8700	1100 U	520 U	2200 J	120 U	160 JM	880	110 U
Benzo(ghi)perylene	NA	5600 J	430 U	210 U	1400 J	87 J	120 JM	930	44 U
Benzo(k)fluoranthene	NA	6300 J	430 U	210 U	2000 J	74 J	43 U	1400	44 U
Bis(2-ethylhexyl)phthalate	NA	1100 J	510 U	250 U	510 U	420	150 J	140 J	130 J
Butyl benzyl phthalate	NA	1000 U	500 U	240 U	490 U	96 J	50 U	100 U	51 U
Carbazole	NA	4400 J	3200 J	1200 J	2300 J	62 U	180 J	1600	58 U
Chrysene	NA	13000	490 U	240 U	5100	110 J	450	1700	50 U
Dibenzo(a h)anthracene	NA	2200 JM	430 U	210 U	430 U	47 U	43 U	180 JM	44 U
Dibenzofuran	NA	9000	4200	2100	16000	67 U	280 J	2300	63 U
Fluoranthene	NA	35000	490 J	700 J	19000	240 J	410	5000	74 J
Fluorene	NA	11000	6300	2100	19000	58 J	860	2800	110 J
Indeno(1 2 3-cd)pyrene	NA	5400 J	390 U	190 U	1100 J	88 JM	94 JM	1000	41 U
Naphthalene	13,000	30000	32000	11000	48000	72 U	67 U	2000	68 U
Phenanthrene	NA	52000	5400	3900	47000	260 J	2300	9300	110 J
Pyrene	NA	25000	530 U	500 J	20000	360 J	1500	4200	84 J
Total SVOCs	500,000	261400	59250	28850	225400	2140	8274	44150	628

TABLE 7B
SEMI VOLATILE ORGANIC COMPOUNDS DETECTED IN PERIMETER ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID Dilution Lab Sample ID Date Sampled Units	SSSAL[1] ug/Kg	QW-PR-8 (11-13) 2 214014-005 10/24/2006 ug/Kg	QW-PR-9 (14-16) 1 214014-001 10/23/2006 ug/Kg	QW-PR-10 (11-13) 10 214014-002 10/23/2006 ug/Kg	QW-PR-11 (10-12) 1 214014-003 10/23/2006 ug/Kg	QW-PR-12 (14-16) 2 214014-011 10/25/2006 ug/Kg	QW-PR-13 (20-22) 1 214014-010 10/25/2006 ug/Kg
Compound							
2-Methylnaphthalene	NA	200 J	64 U	8200	140 J	3600	62 U
Acenaphthene	NA	2200	79 J	18000	1000 H	3300	110 J
Acenaphthylene	NA	130 J	50 U	3100 J	48 U	120 U	48 U
Anthracene	NA	2200	67 U	27000	750	160 U	64 U
Benzo(a)anthracene	NA	2800	55 U	27000	490	140 J	59 J
Benzo(a)pyrene	NA	2500	50 U	20000	370 J	120 U	48 U
Benzo(b)fluoranthene	NA	2400	110 U	15000	280 J	270 U	110 U
Benzo(ghi)perylene	NA	1700	45 U	11000 M	270 J	110 U	43 U
Benzo(k)fluoranthene	NA	1400	45 U	16000 M	310 J	110 U	43 U
Bis(2-ethylhexyl)phthalate	NA	290 J	160 J	740 U	120 J	1100	510
Butyl benzyl phthalate	NA	110 U	52 U	730 U	50 U	160 J	84 J
Carbazole	NA	1600	59 U	10000	150 J	970	61 J
Chrysene	NA	2800	51 U	25000	460	140 J	54 J
Dibenzo(a,h)anthracene	NA	430 JM	45 U	2200 JM	61 J	110 U	43 U
Dibenzofuran	NA	2900	64 U	16000	930	1300	140 J
Fluoranthene	NA	6000	51 U	61000	1500	390 J	99 J
Fluorene	NA	2800	52 U	20000	920	930 J	66 J
Indeno(1,2,3-cd)pyrene	NA	1600 M	41 U	13000	260 J	100 U	40 U
Naphthalene	13,000	990	69 U	32000	340 J	12000	340 J
Phenanthrene	NA	8600	47 U	73000	2600	750 J	140 J
Pyrene	NA	7400	56 U	54000	1600	410 J	130 J
Total SVOCs	500,000	50940	239	451500	12551	25190	1793

TABLE 7C
METALS DETECTED IN PERIMETER ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID Dilution Lab Sample ID Date Sampled Units	SSSAL[1] mg/Kg	QW-PR-1(14-16) 1 214107-001 11/3/2006 mg/Kg	QW-PR-1DUP(14-16) 1 214107-002 11/3/2006 mg/Kg	QW-PR-2(14-16) 1 214107-003 11/3/2006 mg/Kg	QW-PR-3(14-16) 1 214107-004 11/3/2006 mg/Kg	QW-PR-4 (10-12) 1 214014-008 10/24/2006 mg/Kg	QW-PR-5 (10-12) 1 214014-007 10/24/2006 mg/Kg	QW-PR-6 (10-12) 1 214014-004 10/23/2006 mg/Kg
Compound								
Aluminum	NA	6240	8000	5320	5410	10200	10600	8270
Antimony	NA	2.3 UN	2.1 UN	2.1 UN	2.2 UN	2.5 UN	2.5 UN	2.1 UN
Arsenic	25	4.4 BN	2 UN	2 UN	2.1 UN	7.4 B	2.4 U	5.3 B
Barium	NA	16.6	10	31.4	14.9	37.6	35	29.6
Beryllium	NA	0.66 U	0.6 U	0.61 U	0.63 U	0.7 U	0.7 U	0.6 U
Cadmium	NA	1.2 U	1.1 U	1.1 U	1.1 U	1.3 UN	1.3 UN	1.1 UN
Calcium	NA	2260	997	796	878	2670 *	903 *	1390 *
Chromium	NA	12.6	12.7	11.7	10.9	15 N	15.6 N	14.4 N
Cobalt	NA	3.9	4.7	5.5	6.4	10.6	7.2	18.1
Copper	NA	13.9	10.8	10.7	11	11 *	14.2 *	12.9 *
Iron	NA	11300	11400	13100	13300	54200	17000	14300
Lead	1,000	18.9	6.6 B	6.9 B	5.7 B	11.2 B*	8.3 B*	16.8 *
Magnesium	NA	2870	2770	2520	2470	2590 *	3260 *	2940 *
Manganese	NA	103	93.9	153	136	444	234	152
Mercury	2	0.042 BN	0.016 UN	0.014 UN	0.014 UN	0.015 U	0.016 U	0.02 B
Nickel	NA	13.8	16.6	14.7	13.9	16.8	18.2	17.2
Potassium	NA	676 N	766 N	618 N	658 N	593 *	850 *	715 *
Selenium	NA	2.3 U	2.1 U	2.2 U	2.2 U	2.5 UN	2.5 UN	2.1 UN
Silver	NA	0.34 U	0.31 U	0.32 U	0.33 U	0.37 U	0.37 U	0.31 U
Sodium	NA	129	132	559	137	326	75.9 B	149
Thallium	NA	4.1 UN	3.8 UN	3.8 UN	3.9 UN	4.4 UN	4.4 UN	3.7 UN
Vanadium	NA	14.7	18.3	11.3	10.7	18.2	19.3	16.1
Zinc	NA	35.7	31.8	30	27.6	48.4	44.4	41.5

TABLE 7C
METALS DETECTED IN PERIMETER ENDPOINT SAMPLES
QUEENS WEST PARCEL 9

Client ID		QW-PR-7 (10-12)	QW-PR-8 (11-13)	QW-PR-9 (14-16)	QW-PR-10 (11-13)	QW-PR-11 (10-12)	QW-PR-12 (14-16)	QW-PR-13 (20-22
Dilution		1	1	1	1	1	1	1
Lab Sample ID		214014-006	214014-005	214014-001	214014-002	214014-003	214014-011	214014-010
Date Sampled	SSSAL[1]	10/24/2006	10/24/2006	10/23/2006	10/23/2006	10/23/2006	10/25/2006	10/25/2006
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Compound								
Aluminum	NA	9670	8800	7190	11200	9640	8190	4240
Antimony	NA	2.5 UN	2.1 UN	1.9 UN	3.2 UN	2 UN	3.3 UN	2 UN
Arsenic	**25**	2.4 U	6.4 B	3.3 B	17	16.8	5.1 B	2 U
Barium	NA	30.6	33.9	33.6	816	45.6	32.9	5
Beryllium	NA	0.71 U	0.6 U	0.6 B	0.93 U	0.56 U	0.94 U	0.59 U
Cadmium	NA	1.3 UN	1.1 UN	0.96 UN	1.6 UN	1 UN	1.7 UN	1 UN
Calcium	NA	770 *	2060 *	735 *	13900 *	693 *	1840 *	472 *
Chromium	NA	14 N	15 N	20.8 N	32.5 N	13.9 N	15.1 N	7.9 N
Cobalt	NA	6.8	8	7	32.5	4.4	7.7	2.5
Copper	NA	18.1 *	17.9 *	11.6 *	83.9 *	18.5 *	22.4 *	5.3 *
Iron	NA	16300	18700	15500	24500	17400	18000	7200
Lead	**1,000**	7.9 B*	28.9 *	6.2 B*	**2350** *	7.9 B*	16 *	2.5 B*
Magnesium	NA	3640 *	3160 *	2650 *	5130 *	3120 *	3660 *	1980 *
Manganese	NA	291	575	91.3	2460	120	450	64
Mercury	**2**	0.017 U	0.052 B	0.022 B	0.26	0.018 B	0.026 B	0.014 U
Nickel	NA	19.2	17.3	13.9	465	15.1	21	8.5
Potassium	NA	888 *	837 *	758 *	1330 *	708 *	854 *	407 *
Selenium	NA	2.5 UN	2.1 UN	1.9 UN	3.3 UN	2 UN	3.4 UN	2.1 UN
Silver	NA	0.37 U	0.31 U	0.28 U	0.83 B	0.29 U	0.49 U	0.31 U
Sodium	NA	98.2 B	155	194	578	94.2	216	126
Thallium	NA	4.4 UN	3.8 UN	3.4 UN	5.8 UN	3.5 UN	5.9 UN	3.6 UN
Vanadium	NA	17.9	17.8	23.8	924	18.1	16.8	8.3
Zinc	NA	44.8	57.6	28	420	43.6	57.7	27.6

Notes for Tables 7A and 7B:

All samples were analyzed for volatile organic compounds using EPA Method 8260 and semivolatile organic compounds using EPA Method 8270 at STL Connecticut, an NYSDOH-approved laboratory.

[1] Site Specific Soil Action Level (exceedances shown in bold.)
U - Analyte was not detected at or above the reporting limit.
B - Compound was found in the blank.
J - Result an estimated value below the reporting limit.
M - Manually integrated compound.
H - Alternate peak selection upon analytical review.
ug/Kg = microgram per kilogram
NA - No SSSAL assigned to this compound.
NR - Not reported.

Notes for Table 7C:

All samples were analyzed for target analyte list metals at STL Connecticut, an NYSDOH-approved laboratory.

[1] Site Specific Soil Action Level (exceedances shown in bold.)
U - Analyte was not detected above the reporting limit.
B - Result is less than the reporting limit, but greater than or equal to the method detection limit.
N - MS, MSD: Spike recovery exceeds the upper or lower control limits.
* LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
mg/Kg - milligram per kilogram.
NA - No SSSAL assigned to this compound.

TABLE 8A
VOLATILE ORGANIC COMPOUNDS DETECTED IN FINAL ENDPOINT SAMPLES ABOVE SSSALs
QUEENS WEST PARCEL 9

Sample ID Dilution Factor Lab Sample Number Sampling Date Units COMPOUND	SSSAL ug/Kg	SB-13-(21-21.5) 1.0 T1380-01 01/28/05 ug/Kg	EP-C2(19FT) 1 212409-001 3/20/2006 ug/Kg	EP-C3(17.5) 1 212380-003 3/15/2006 ug/Kg	EP-C5(18) 1 212461-001 3/27/2006 ug/Kg	EP-C6(18) 1 212461-002 3/27/2006 ug/Kg	EP-C10(18FT) 1 212409-004 3/20/2006 ug/Kg	EP-C11(18FT) 1 212409-005 3/20/2006 ug/Kg
Benzene	60	98		930	690	400 J	1,500	15,000
Ethyl Benzene	5500							21,000
m/p-Xylenes	600		3,300	8,600			1,100	29,000
o-Xylene	1200		1,800	4,300				4,600
Toluene	1500			3,100				1,700
Total VOCs	10,000			22,103				71,374

TABLE 8A
VOLATILE ORGANIC COMPOUNDS DETECTED IN FINAL ENDPOINT SAMPLES ABOVE SSSALs
QUEENS WEST PARCEL 9

Sample ID Dilution Factor Lab Sample Number Sampling Date Units COMPOUND	SSSAL ug/Kg	EP-C13-2(19FT) 1 212461-004 3/29/2006 ug/Kg	EP-C14-1(18FT) 1 212461-003 3/28/2006 ug/Kg	EP-C14-2(18FT) 5 212461-005 3/29/2006 ug/Kg	EP-C17(20) 4 212280-003 3/7/2006 ug/Kg	EP-C18(22FT) 40 212280-002 3/6/2006 ug/Kg	EP-C20(18FT) 2 212207-005 2/22/2006 ug/Kg	EP-C22-1 (24) 1 211608-003 12/12/2005 ug/Kg
Benzene	60	1400	2300	470	9,200	190,000	180	640
Ethyl Benzene	5500				47,000	170,000		
m/p-Xylenes	600	4700			79,000	240,000		
o-Xylene	1200	1200			8,400	110,000		
Toluene	1500				2,200 J	630,000		
Total VOCs	10,000				147,950	1,345,000		

TABLE 8A
VOLATILE ORGANIC COMPOUNDS DETECTED IN FINAL ENDPOINT SAMPLES ABOVE SSSALs
QUEENS WEST PARCEL 9

Sample ID Dilution Factor Lab Sample Number Sampling Date Units COMPOUND	SSSAL ug/Kg	EP-C22-2 (24) 1 211608-004 12/12/2005 ug/Kg	EP-C24-2(23) 5 211608-015 12/15/2005 ug/Kg	EP-C26-3(22) 1 211526-010 12/9/2005 ug/Kg	EP-C26-4(22) 2 211526-009 12/9/2005 ug/Kg	EP-C28-2(21) 1 211608-012 12/15/2005 ug/Kg	EP-C28-3(22) 1 211749-010 12/27/2005 ug/Kg	EP-TRIANGLE-1(26) 1 211608-007 12/14/2005 ug/Kg
Benzene	60	170	390	120	280	350 A	85	160
Ethyl Benzene	5500							
m/p-Xylenes	600							
o-Xylene	1200							
Toluene	1500							
Total VOCs	10,000							

TABLE 8A
VOLATILE ORGANIC COMPOUNDS DETECTED IN FINAL ENDPOINT SAMPLES ABOVE SSSALs
QUEENS WEST PARCEL 9

Sample ID Dilution Factor Lab Sample Number Sampling Date Units COMPOUND	SSSAL ug/Kg	EP-TRIANGLE-2(24) 2 211608-008 12/14/2005 ug/Kg	WC-TRIANGLE-3(26)[2] 5 211608-010 12/14/2005 ug/Kg	EP-TRIANGLE-2(20) 5 211790-001 1/4/2006 ug/Kg	SWS4-S(3.5) 5 212853-002 5/10/2006 ug/Kg
Benzene	60	210	450	80	
Ethyl Benzene	5500				
m/p-Xylenes	600				1400
o-Xylene	1200				
Toluene	1500				
Total VOCs	10,000				

TABLE 8B
SEMIVOLATILE COMPOUNDS DETECTED IN FINAL ENDPOINT SAMPLES ABOVE THE SSSALs
QUEENS WEST PARCEL 9

Sample ID Dilution Factor Lab Sample Number Sampling Date Units COMPOUND	SSSAL	EP-C11(18FT) 5 212409-005 3/20/2006 ug/Kg	EP-C17(20) 20 212280-003 3/7/2006 ug/Kg	EP-C18(22FT) 50 212280-002 3/6/2006 ug/Kg	EP-C19(19FT) 10 212268-003 3/2/2006 ug/Kg	QW-PR-10 (11-13) 10 214014-002 10/23/2006 ug/Kg
Naphthalene	13,000	18,000	41,000	110,000	22,000	32,000

TABLE 8C
METALS DETECTED IN FINAL ENDPOINT SAMPLES ABOVE THE SSSALs
QUEENS WEST PARCEL 9

Sample ID Dilution Factor Lab Sample Number Sampling Date Units COMPOUND	SSSAL mg/kg	SW-P16(N)5FT 1 212461-006 3/30/2006 mg/Kg	SWS1-S 733895 5/9/2006 mg/kg	SWS2-E 733896 5/9/2006 mg/kg	SWS3-E(3.5) 1 212853-001 5/10/2006 mg/Kg	SWS(N)T19(7FT) 1 212986-001 5/25/2006 mg/Kg	BS-T19(8FT) 1 212986-005 5/25/2006 mg/Kg	SWS(E)T20-22(7FT) 1 212986-007 5/25/2006 mg/Kg	SWS(W)T20-22(7FT) 1 212986-009 5/25/2006 mg/Kg	QW-PR-10 (11-13) 1 214014-002 10/23/2006 mg/Kg
Arsenic	25									
Lead	1000			1,360	1,250		1,430	2,890		2,350 *
Mercury	2	2.1	3.4			3.9	6.6	2.4	10.1	

Notes for Tables 8A and 8B:

[1] Site Specific Soil Action Level

[2]Endpoint sample mistakenly labeled with "WC" prefix, rather than "EP"

A - Sample concentration exceeded instrument calibration range. Reanalysis of sample indicated lower concentration within calibration range. Higher concentration reported in table.

J - Result an estimated value below the reporting limit.

ug/Kg = micrograms per kilogram

Notes for Table 8C:

[1] Site Specific Soil Action Level

[2]Endpoint sample mistakenly labeled with "WC" prefix, rather than "EP"

* LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.

mg/Kg - milligrams per kilogram.

TABLE 9A
VOLATILE ORGANIC COMPOUNDS DETECTED IN REUSE CHARACTERIZATION SAMPLES
QUEENS WEST PARCEL 9

Client ID		CONCRETE SAMPLE-1	CONCRETE SAMPLE-2	QW-RC-CONCRETE P2	QW-RC-P1	QW-RC-P2	QW-RC-P2-(500)[2]	QW-RC-P3-(500)[2]	QW-RC-P4-(1000)
Dilution		1	1	1	1	1	1	1	1
Lab Sample ID		210560-001	210560-002	211430-002	211277-001	211304-001	211365-001	211365-002	211365-003
Date Sampled		8/22/2005	8/22/2005	11/23/2005	11/4/2005	11/8/2005	11/15/2005	11/15/2005	11/17/2005
Units	SSSAL[1] ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound									
Carbon disulfide	NA	1.7 U	1.7 U	1.7 U	1.9 U	1.9 U	1.9 U	4 J	2 U
Acetone	NA	16 B	6.9 JB	20 J	7.5 J	3.9 JB	3.3 JB	9.9 JB	8.6 J
Methylene chloride	NA	4.5 J	3.5 U	5.8 JB	11 JB	7.7 JB	12 JB	16 JB	15 JB
Methyl-tert-butyl-ether (MTBE)	NA	0.3 U	0.3 U	0.31 U	0.34 U	0.33 U	0.33 U	0.33 U	0.35 U
2-Butanone (MEK)	NA	2.3 U	2.3 U	2.4 U	45	2.6 U	2.5 U	19	2.7 U
Benzene	60	1.4 U	1.4 U	1.4 U	1.6 U	1.6 U	1.5 U	1.7 J	1.6 U
4-Methyl-2-pentanone (MIBK)	NA	1 U	1 U	1 U	2 J	1.1 U	1.1 U	1.1 U	1.2 U
Toluene	1500	1.7 U	1.7 U	1.7 U	1.9 U	1.9 U	1.9 U	1.8 U	2 U
Tetrachloroethene	NA	1.9 U	1.9 U	1.9 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U
Ethylbenzene	5500	1.8 U	1.8 U	1.8 U	2 U	2 U	2 U	2 U	2.1 U
Xylenes (m&p)	600	NR	NR	3.4 U	NR	3.7 U	3.6 U	3.6 U	0.7 U
Xylenes (o)	1200	NR	NR	1.2 U	NR	2.1 J	1.3 U	1.3 U	0.59 U
Xylenes (total)	1800	4.5 U	4.5 U	NR	6.3	NR	NR	NR	NR
Total VOCs	10,000	20.5	6.9	25.8	65.5	11.6	15.3	50.6	23.6

TABLE 9A
VOLATILE ORGANIC COMPOUNDS DETECTED IN REUSE CHARACTERIZATION SAMPLES
QUEENS WEST PARCEL 9

Client ID		QW-C20-COMPOSITE	QW-RC-P1 (Phase 2)	QW-RC-P2 (Phase 2)	QW-RC-PILE3 EAST[3]	QW-RC-PILE3 SOUTH[3]	QW-RC-PILE4(0-2)
Dilution		20	1	20	1	1	1
Lab Sample ID		212095-001	212095-002	212095-003	212207-007	212207-008	212207-006
Date Sampled	SSSAL[1]	2/8/2006	2/9/2006	2/9/2006	2/22/2006	2/22/2006	2/22/2006
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound							
Carbon disulfide	NA	3.7 U	100 U	2100 U	0.67 U	0.68 U	0.71 U
Acetone	NA	19 UB	310 JB	3200 UB	3.8 J	8.1 J	24
Methylene chloride	NA	5400 JB	77 JB	4700 JB	4.2 JB	4.2 JB	2.6 UB
Methyl-tert-butyl-ether (MTBE)	NA	5.6 U	34 U	680 U	1 U	1 U	1.1 U
2-Butanone (MEK)	NA	2900 U	130 U	2700 U	1.9 U	2 U	2.1 U
Benzene	60	960 U	73 J	6200 J	0.94 U	0.96 U	7
4-Methyl-2-pentanone (MIBK)	NA	7.1 U	78 U	1600 U	1.3 U	1.3 U	1.4 U
Toluene	1500	1500 A	60 J	5400 J	1.6 J	1.1 J	22
Tetrachloroethene	NA	4.2 U	100 J	1100 U	2.2 J	17	0.82 U
Ethylbenzene	5500	130000	110 U	27000	6.2	7.7	93
Xylenes (m&p)	600	390000	140 J	51000	21	24	270
Xylenes (o)	1200	110000	52 J	20000	14	6.5	93
Xylenes (total)	1800	NR	NR	NR	NR	NR	NR
Total VOCs	10,000	526,919	760	97,500	39	62.1	418.6

TABLE 9A
VOLATILE ORGANIC COMPOUNDS DETECTED IN REUSE CHARACTERIZATION SAMPLES
QUEENS WEST PARCEL 9

Client ID		QW-RC-P4 NORTH	QW-RC-P4(NORTH)	QW-RC-P3EAST (CONCRETE)	QW-RC-C1 (CONCRETE SLAB)
Dilution		1	1	1	5
Lab Sample ID		212207-009	212207-012	212268-006	212149-006
Date Sampled	SSSAL[1]	2/23/2006	2/23/2006	3/3/2006	2/15/2006
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound					
Carbon disulfide	NA	0.68 U	0.73 U	0.62 U	480 U
Acetone	NA	120 H	38 B	15 JH	750 U
Methylene chloride	NA	2.5 UB	9.5 JB	9.2 JB	210 UB
Methyl-tert-butyl-ether (MTBE)	NA	1 U	1.3 J	0.95 U	160 U
2-Butanone (MEK)	NA	2 U	2.1 U	1.8 U	640 U
Benzene	60	21	21	1.5 J	7400
4-Methyl-2-pentanone (MIBK)	NA	1.3 U	1.4 U	1.2 U	370 U
Toluene	1500	21	9.8	2.4 J	7100
Tetrachloroethene	NA	0.78 U	0.83 U	0.72 U	270 U
Ethylbenzene	5500	46	20	0.81 U	75000
Xylenes (m&p)	600	88	44	1.8 J	51000
Xylenes (o)	1200	23	16	1.1 J	12000
Xylenes (total)	1800	NR	NR	NR	NR
Total VOCs	10,000	298.5	143.6	29.9	140,710

TABLE 9B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN REUSE CHARACTERIZATION SAMPLES
QUEENS WEST PARCEL 9

Client ID		CONCRETE SAMPLE-1	CONCRETE SAMPLE-2	QW-RC-CONCRETE P2	QW-RC-P1	QW-RC-P2	QW-RC-P2-(500)[2]	QW-RC-P3-(500)[2]	QW-RC-P4-(1000)
Dilution		1	1	10	25	5	20	10	4
Lab Sample ID		210560-001	210560-002	211430-002	211277-001	211304-001	211365-001	211365-002	211365-003
Date Sampled		8/22/2005	8/22/2005	11/23/2005	11/4/2005	11/8/2005	11/15/2005	11/15/2005	11/17/2005
Units	SSSAL[1] ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound									
2 4-Dimethylphenol	NA	170 U	170 U	3500 U	4600 U	950 U	7500 U	3700 U	800 U
2 4-Dinitrophenol	NA	120 U	120 U	2300 U	3000 U	630 U	5000 U	2500 U	530 U
2-Methylnaphthalene	NA	53 U	53 U	3500 J	2700 J	640 J	2300 U	1200 U	2300
2-Methylphenol	NA	89 U	89 U	1800 U	2400 U	490 U	3900 U	1900 U	410 U
4-Methylphenol	NA	180 U	180 U	3600 U	4700 U	990 U	7800 U	3900 U	830 U
Acenaphthene	NA	55 U	55 U	9100	8700 J	3000	9500 J	3500 J	3100
Acenaphthylene	NA	41 U	41 U	830 U	1700 J	500 J	1800 U	890 U	1000 J
Anthracene	NA	55 U	55 U	9800	12000	6200	17000	6100 J	5800
Benzo(a)anthracene	NA	70 J	71 J	12000	18000	10000	23000	11000	9200
Benzo(a)pyrene	NA	41 U	68 J	12000	15000	9900	19000	9700	7600
Benzo(b)fluoranthene	NA	93 U	93 U	15000 M	18000	12000	23000	12000	9900 M
Benzo(ghi)perylene	NA	37 U	37 U	7400	11000	7000	10000 J	5700 J	2800
Benzo(k)fluoranthene	NA	37 U	39 J	5200 JM	6700 J	4500	8800 J	4400 J	3400 M
Bis(2-ethylhexyl)phthalate	NA	44 U	44 U	890 U	1200 U	240 UB	1900 U	960 U	300 J
Butyl benzyl phthalate	NA	43 U	43 U	870 U	1100 U	530 J	1900 U	940 U	1800
Carbazole	NA	49 U	49 U	1600 J	3600 J	1600 J	4900 J	1900 J	1900
Chrysene	NA	65 J	72 J	15000	19000	11000	21000	9700	9200
Dibenzo(a h)anthracene	NA	37 U	37 U	1600 JM	2600 JM	1800	1600 U	1500 J	940 J
Dibenzofuran	NA	53 U	53 U	7900	6400 J	1800 J	6300 JH	2600 J	2500
Fluoranthene	NA	190 J	160 J	43000	42000	25000	56000	24000	21000
Fluorene	NA	43 U	43 U	6600 J	6900 J	2300	9400 J	3300 J	3000
Indeno(1 2 3-cd)pyrene	NA	34 U	34 U	5700 J	8300 J	6000	9900 J	5400 J	2900
Isophorone	NA	19000 A	17000 A	58000	1600 U	330 U	2600 U	1300 U	280 U
Naphthalene	13,000	57 U	57 U	3400 J	6200 J	1200 J	2500 U	3600 J	5800
Phenanthrene	NA	97 J	95 J	50000	44000	19000	53000	20000	21000
Pyrene	NA	170 J	120 J	31000	35000	24,000	47000	20000	13000
Total SVOCs	500,000	19,592	17,625	297,800	267,800	148,210	317,800	144,400	128,440

TABLE 9B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN REUSE CHARACTERIZATION SAMPLES
QUEENS WEST PARCEL 9

Client ID Dilution Lab Sample ID Date Sampled Units	SSSAL[1] ug/Kg	QW-C20-COMPOSITE 212095-001 2/8/2006 ug/Kg	QW-RC-P1 (Phase 2) 212095-002 2/9/2006 ug/Kg	QW-RC-P2 (Phase 2) 212095-003 2/9/2006 ug/Kg	QW-RC-Pile3 EAST[3] 710396 2/22/2006 ug/Kg	QW-RC-Pile3 SOUTH[3] 710397 2/22/2006 ug/Kg	QW-RC-Pile4 0-2 710395 2/22/2006 ug/Kg
Compound							
2 4-Dimethylphenol	NA	980 U	1900 U	19000 U	3700 U	1800 U	1900 U
2 4-Dinitrophenol	NA	660 U	1,300 U	13,000 U	190 J	7,200 U	7,700 U
2-Methylnaphthalene	NA	1,400 J	3,300 J	220,000	1,800 J	600 J	1,000 J
2-Methylphenol	NA	510 U	970 U	10,000 U	3,700 U	1,800 U	1,900 U
4-Methylphenol	NA	1,000 U	2,000 U	20,000 U	3,700 U	1,800 U	1,900 U
Acenaphthene	NA	2,000	8,300	140,000	7,100	2,900	3,300
Acenaphthylene	NA	1,400 J	1,800 J	7,200 J	560 J	310 J	280 J
Anthracene	NA	3,400	13,000	53,000	11,000	4,800	6,800
Benzo(a)anthracene	NA	4,400	26,000	31,000 J	12,000	8,200	7,300
Benzo(a)pyrene	NA	3,700	26,000	25,000 J	11,000	8,400	6,600
Benzo(b)fluoranthene	NA	3,600 M	19,000	18,000 J	9,300	7,000	5,300
Benzo(ghi)perylene	NA	1,700 J	25,000	20,000 J	3,200 J	2,200	1,800 J
Benzo(k)fluoranthene	NA	1,100 JM	19,000	21,000 J	12,000	9,000	6,700
Bis(2-ethylhexyl)phthalate	NA	250 U	480 U	5,000 U	3,700 U	370 J	1,900 U
Butyl benzyl phthalate	NA	250 U	470 U	4,800 U	3,700 U	1,800 U	1,900 U
Carbazole	NA	950 J	4,300	15,000 J	2,800 J	1,500 J	2,300
Chrysene	NA	3,700	29,000	33,000 J	18,000	12,000	9,800
Dibenzo(a h)anthracene	NA	440 JM	8,600	6,900 J	1,300	870	860
Dibenzofuran	NA	1,500 J	5,500	110,000	4,100	1,400 J	1,900 J
Fluoranthene	NA	10,000	55,000	85,000	45,000	28,000	25,000
Fluorene	NA	2,100	6,900	96,000	4,800	1,900	2,900
Indeno(1 2 3-cd)pyrene	NA	1,600 J	23,000	18,000 J	3,400	2,100	1,900
Isophorone	NA	340 U	650 U	6,800 U	3,700 U	1,800 U	1,900 U
Naphthalene	**13,000**	2,700	7,800	**470,000**	3,500 J	1,300 J	2,600
Phenanthrene	NA	11,000	54,000	220,000	53,000	26,000	28,000
Pyrene	NA	6,800	57,000	92,000	37,000	24,000	20,000
Total SVOCs	**500,000**	63,490	392,500	**1,681,100**	241,050	142,850	134,340

TABLE 9B
SEMIVOLATILE ORGANIC COMPOUNDS DETECTED IN REUSE CHARACTERIZATION SAMPLES
QUEENS WEST PARCEL 9

Client ID		QW-RC-P4 (NORTH)	QW-RC-P4 North	QW-RC-P3EAST (CONCRETE)	QW-RC-C1 (CONCRETE SLAB)
Dilution					
Lab Sample ID		212207-012	711196	212268-006	212149-006
Date Sampled	SSSAL[1]	2/23/2006	2/23/2006	3/3/2006	2/15/2006
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound					
2 4-Dimethylphenol	NA	2000 U	38 J	330 U	1800 U
2 4-Dinitrophenol	NA	1,300 U	3,000 U	220 U	1,200 U
2-Methylnaphthalene	NA	2,000 J	1,100	100 U	30,000
2-Methylphenol	NA	1,000 U	26 J	170 U	930 U
4-Methylphenol	NA	2,100 U	70 J	350 U	1,900 U
Acenaphthene	NA	6,200	2,500	110 U	5,600
Acenaphthylene	NA	850 J	330 J	80 U	1,100 JH
Anthracene	NA	9,900	3,500	110 U	4,300
Benzo(a)anthracene	NA	15,000	5,100	110 J	6,400
Benzo(a)pyrene	NA	14,000	5,300	110 J	5,400
Benzo(b)fluoranthene	NA	15,000	4,100	180 U	6,000
Benzo(ghi)perylene	NA	9,900	2,300	85 J	3,400
Benzo(k)fluoranthene	NA	5,200	4,500	72 U	2,200 J
Bis(2-ethylhexyl)phthalate	NA	510 U	230 J	93 J	460 U
Butyl benzyl phthalate	NA	500 U	750 U	84 U	450 U
Carbazole	NA	3,100 J	1,200	95 U	780 J
Chrysene	NA	14,000	5,600	100 J	5,300
Dibenzo(a h)anthracene	NA	2,800 J	1,000	72 U	960 J
Dibenzofuran	NA	4,200	1,600	100 U	2,400 J
Fluoranthene	NA	30,000	11,000	240 J	12,000
Fluorene	NA	5,900	2,000	84 U	5,800
Indeno(1 2 3-cd)pyrene	NA	9,400	2,300	66 U	2,800 J
Isophorone	NA	690 U	750 U	120 U	27,000
Naphthalene	**13,000**	7,200	1,700	110 U	**26,000**
Phenanthrene	NA	34,000	12,000	260 J	22,000
Pyrene	NA	31,000	9,600	220 J	15,000
Total SVOCs	**500,000**	219,650	77,094	1,304	184,440

TABLE 9C
METALS DETECTED IN REUSE CHARACTERIZATION SAMPLES
QUEENS WEST PARCEL 9

Client ID		CONCRETE SAMPLE-1	CONCRETE SAMPLE-2	QW-RC-CONCRETE P2	QW-RC-P1	QW-RC-P2	QW-RC-P2-(500)[2]	QW-RC-P3-(500)[2]	QW-RC-P4-(1000)
Dilution		1	1	1	1	1	1	1	1
Lab Sample ID		210560-001	210560-002	211430-002	211277-001	211304-001	211365-001	211365-002	211365-003
Date Sampled	SSSAL[1]	8/22/2005	8/22/2005	11/23/2005	11/4/2005	11/8/2005	11/15/2005	11/15/2005	11/17/2005
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Compound									
Aluminum	NA	5920	6420	7930	5510	5180	6110	6870	5900 *
Antimony	NA	1.4 U	1.4 U	1.4 UN	1.5 U	1.3 U	1.3 U	1.4 U	1.5 UN
Arsenic	25	2.5 B	4 B	3.7 BN	12	8.9 B	6.8 B	6.2 B	7.6 BN
Barium	NA	61.8	79.5	62.9	233	168	120	152	136 *N
Beryllium	NA	0.62 U	0.62 U	0.59 U	0.65 U	0.58 U	0.56 U	0.62 U	0.66 U
Cadmium	NA	1.2 U	1.2 U	1.2 U	1.3 U	1.2 U	1.1 U	1.2 U	1.3 U
Calcium	NA	55000	70100	81200	19300	39100	35700	28200	24100 *
Chromium	NA	7.8	12.7	12.4	24.1	12.4	17.1	17.5	16.7 *N
Cobalt	NA	2.6	3.6	5	7.4	4.7	6.5	7.6	6.4 *
Copper	NA	17.5	36.8	26.2	90.1	51.6	47.1	70.2	100 *
Iron	NA	7490	9570	8600 *	15800	11800	13800	15000	14500 *
Lead	1000	25	53	41.6	239	165	161	171	243 *
Magnesium	NA	8090	13000	8510 N	3920	8890	12600	7100	5310
Manganese	NA	314	398	293 N	228	264	227	245	234 *N
Mercury	2	0.18	0.3	0.25	1.9	3.7	0.96	0.81	0.49 *
Nickel	NA	6.8	9	10.4	23	14.1	20.1	17.3	27 *
Potassium	NA	868	674 U	684	991	928	1090	861 U	1080 U
Selenium	NA	2 U	2 U	1.9 U	2.1 U	1.9 U	1.8 U	2 U	2.1 U
Silver	NA	0.4 U	0.4	0.38 U	0.42 U	0.37 U	0.36 U	0.4	0.42 *
Sodium	NA	320	263 U	229	294	414	267	180 U	283 U
Thallium	NA	1.6 U	1.6	5 U	5.4 U	4.8 U	4.7 U	5.2	5.5 *
Vanadium	NA	10.8	15	13.6	30.5	17.9	23.8	23.6	50.1 *
Zinc	NA	41.8	69.2	80.1	240	250	130	237	324

TABLE 9C
METALS DETECTED IN REUSE CHARACTERIZATION SAMPLES
QUEENS WEST PARCEL 9

Client ID Dilution Lab Sample ID Date Sampled Units	SSSAL[1] mg/Kg	QW-C20-COMPOSITE 1 212095-001 2/8/2006 mg/Kg	QW-RC-P1 (Phase 2) 1 212095-002 2/9/2006 mg/Kg	QW-RC-P2 (Phase 2) 1 212095-003 2/9/2006 mg/Kg	QW-RC-PILE3 EAST[3] 1 212207-007 2/22/2006 mg/Kg	QW-RC-PILE3 SOUTH[3] 1 212207-008 2/22/2006 mg/Kg
Compound						
Aluminum	NA	7380	8390 *	7930 *	6580	6470
Antimony	NA	1.5 UN	1.2 UN	1.4 UN	1.4 U	1.5 U
Arsenic	25	8.1 B	13.2 N	5.4 BN	40.4	9.1 B
Barium	NA	129	155 *N	62 *N	139	126
Beryllium	NA	0.67 U	0.53 UN	0.61 UN	0.6 U	0.66 U
Cadmium	NA	1.3 U	1.1 U	1.2 U	1.2 U	1.3 U
Calcium	NA	26900 *	15000 *	13500 *	11600 *	30400 *
Chromium	NA	14.3	22.4 *N	16.6 *N	17.3 *N	28.2 *N
Cobalt	NA	11	14.9 *	5.4 *	6.2	6.2
Copper	NA	60.2	92.7 *	34.8 *	65.1	150
Iron	NA	12800	19900 *	13600 *	18400	21100
Lead	1000	456	196 *N	101 *N	166	201
Magnesium	NA	5620	4590 *	3650 *	3340	5460
Manganese	NA	656	309 *	224 *	250 *	264 *
Mercury	2	0.26 *N	0.97	0.32	1.3 *N	0.69 *N
Nickel	NA	104	23.8 *N	14.2 *N	20 *	30.7 *
Potassium	NA	775	1720 *	1030 *	1190 *N	1350 *N
Selenium	NA	2.1 U	1.7 UN	1.9 UN	1.9 U	2.1 U
Silver	NA	0.43 U	0.34 U	0.39 U	0.38 U	0.42 U
Sodium	NA	286	672 *	267 *	237 *	317 *
Thallium	NA	5.6 UN	4.4 UN	5.1 UN	5 U	5.5 U
Vanadium	NA	203	29.9 *N	18.4 *N	25.8	48.7
Zinc	NA	373	398 *N	72.3 *N	176	207

TABLE 9C
METALS DETECTED IN REUSE CHARACTERIZATION SAMPLES
QUEENS WEST PARCEL 9

Client ID		QW-RC-PILE4 (0-2)	QW-RC-P4 NORTH	QW-RC-P4(NORTH)	QW-RC-P3EAST (CONCRETE)	QW-RC-C1 (CONCRETE SLAB)
Dilution		1	1	1	1	1
Lab Sample ID		212207-006	212207-009	212207-012	212268-006	212149-006
Date Sampled	SSSAL[1]	2/22/2006	2/23/2006	2/23/2006	3/3/2006	2/15/2006
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Compound						
Aluminum	NA	8020	3560	6130	5770 *	11300
Antimony	NA	2.3 B	1.4 U	1.6 B	1.3 UN	1.3 UN
Arsenic	**25**	9 B	6.2 B	9.9 B	2.2 B	6.6 B*
Barium	NA	171	89.5	139	68.2	74.2 *N
Beryllium	NA	0.61 U	0.6 U	0.69 U	0.59 U	0.55 U
Cadmium	NA	1.2 U	1.2 U	1.4 U	1.2 U	1.1 U
Calcium	NA	16100 *	36800 *	16300 *	119000 *	125000 *N
Chromium	NA	15.8 *N	11.8 *N	21.4 *N	9.4	14.6 N
Cobalt	NA	6.1	4.4	6.9	4.6 *	4.7 *N
Copper	NA	92	70.6	148	19.2 *	14.2
Iron	NA	18400	12300	45500	9380 *	10900
Lead	**1000**	240	135	281	61.2	37.4
Magnesium	NA	4980	19600	4760	7750 *	6330
Manganese	NA	233 *	177 *	427 *	289	295 *
Mercury	**2**	1.3 *N	1	1.9	0.2	0.22
Nickel	NA	18.1 *	12.7 *	22.4 *	18.7	12.3 *N
Potassium	NA	869 *N	797 *N	995 *N	1360	1490 *
Selenium	NA	2 U	1.9 U	2.2 U	1.9 UN	1.8 UN
Silver	NA	0.39 U	0.39 U	0.44 U	0.38 U	0.35 U
Sodium	NA	430 *	203 *	254 *	477	702 N
Thallium	NA	5.1 U	5 U	5.7 U	4.9 UN	4.6 U
Vanadium	NA	33	22.4	41.6	33.3 *	15.6 *
Zinc	NA	200	190	389	94.7	31 *N

Notes for Tables 9A and 9B:

All samples were analyzed for volatile organic compounds using EPA Method 8260 and semivolatile organic compounds using EPA Method 8270 at STL Connecticut, an NYSDOH-approved laboratory.

[1] Site Specific Soil Action Level (exceedances shown in bold.)

[2]Samples QW-RC-P2-(500) and QW-P3-(500) collected from the same stockpile as QW-RC-P2.

[3]Samples QW-RC-Pile3 EAST and QW-Pile3 SOUTH collected from the same stockpile as QW-RC-P1 (Phase 2).

U - Analyte was not detected at or above the reporting limit.

B - Compound was found in the blank.

J - Result an estimated value below the reporting limit.

H - Alternate peak selection upon analytical review.

A - Concentration exceeds the instrument calibration range or is below the reporting limit.

M - Manually integrated compound.

ug/Kg - micrograms per kilogram

NA - No SSSAL assigned to this compound.

Notes for Table 9C:

All samples were analyzed for target analyte list metals at STL Connecticut, an NYSDOH-approved laboratory.

[1] Site Specific Soil Action Level (exceedances shown in bold.)

[2]Samples QW-RC-P2-(500) and QW-P3-(500) collected from the same stockpile as QW-RC-P2.

[3]Samples QW-RC-Pile3 EAST and QW-Pile3 SOUTH collected from the same stockpile as QW-RC-P1 (PH2).

U - Analyte was not detected above the reporting limit.

B - Result is less than the reporting limit, but greater than or equal to the method detection limit.

N - MS, MSD: Spike recovery exceeds the upper or lower control limits.

* LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.

mg/Kg - milligrams per kilogram.

NA - No SSSAL assigned to this compound.