58-61

DRAFT

RCRA CLOSURE REPORT

BUILDING 307, HAZARDOUS WASTE CONTAINER STORAGE FACILITY
BUILDING 301, TRANSFORMER STORAGE BUILDING

Prepared For:

Seneca Army Depot Activity
Route 96
Romulus, NY

U.S. Army Corps of Engineers
Huntsville Engineering and Support Center

and

U.S. Army Corps of Engineers
New York District

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REVIEWED AND APPROVED BY:

Project Manager: _____ 9-4-03
Date

Technical Manager: _____ 9-4-03
Date

SEPTEMBER 2003

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF ACRONYMS

CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
GEL	Groundwater Effluent Limitation
NYCRR	New York Code of Rules and Regulations
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSWQS	New York State Water Quality Standard
PCB	Polychlorinated Biphenyls
ppb	parts per billion
ppm	parts per million
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
SEDA	Seneca Army Depot Activity
Standard	New York State Water Quality Standard
TAGM	Technical and Administrative Guidance Memorandum
TAL	Target Analyte List
TSCA	Toxic Substance Contol Act
TCL	Target Compound List
ug/kg	micrograms per kilogram (ppb)
US	United States

PROFESSIONAL ENGINEER CERTIFICATION

To the best of my knowledge, after thorough investigation, I certify that the information contained in or accompanying this submission is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

David B. Babcock, P.E.
Parsons
NYS Professional Engineer 065209-1

SECTION 1

INTRODUCTION

This Closure Report details the work completed as proposed in the Resource Conservation and Recovery Act (RCRA) Closure Plan (Parsons, December 2002) and approved by the New York State Department of Environmental Conservation (NYSDEC) (letter dated March 31, 2003). Parsons was retained by the United States (US) Army to perform RCRA closure of two Hazardous Waste Management Units (Building 307 and Building 301) at Seneca Army Depot in Romulus, New York. The objective of the work was to obtain regulatory closure by meeting the objectives of Title 6 New York Code of Rules and Regulations (6 NYCRR) Subpart 373-3.7, Interim Status Standards for Owners and Operators of Hazardous Waste Facilities (New York State Department of Environmental Conservation (NYSDEC), March 15, 2002).

1.1 SUMMARY

Building 307 and Building 301 were decontaminated by high pressure washing with detergent and triple rinsing with clean water obtained from on-site fire hydrants. The buildings were sampled for Volatile Organic Compounds (VOC), Semi-Volatile Organic Compounds (SVOC), Polychlorinated Biphenyls (PCB) and heavy metals.

In addition, the grounds adjacent to the buildings were investigated, by sampling, for the presence of hazardous materials that may have been associated with the use of these buildings. Soils were analyzed for VOC, SVOC, PCB and heavy metals.

The RCRA closure work was performed in strict accordance with the approved RCRA closure plan and in accordance with 6 NYCRR Subpart 373-3.7, Interim Status Standards for Owners and Operators of Hazardous Waste Facilities (NYSDEC, March 15, 2002).

This report documents all closure activities associated with Building 307 (the former Hazardous Waste Container Storage Facility) and Building 301 (the former Transformer Storage Building). Included are analytical results (Appendix A), disposal documentation (Appendix B) and Daily Field Reports (Appendix C).

1.2 SITE DESCRIPTION

Building 307 and Building 301 are located within the Seneca Army Depot Activity (SEDA), a 10,587 acre facility located in Seneca County, near the village of Romulus, New York (Figure 1). The facility has been owned by the United States Government and operated by the Department of the Army since 1941. Since its inception in 1941, SEDA's primary mission was the receipt, storage, maintenance and supply of military items.

1.2.1 Building 307 – Hazardous Waste Container Storage Facility (SEAD-1)

Building 307 is located in the eastern portion of SEDA, approximately 3,500 feet southwest of the Depot's main entry gate off New York State Route 96. The Army constructed Building 307 in 1981. Building 307 was used for storage of hazardous waste generated throughout the Depot prior to their shipment offsite for disposal. Hazardous wastes stored within Building 307 included spent solvents, still bottoms from 1,1,1-trichloroethene vapor degreasers, sludge from oil/grease separations, cleaning compounds, paper filters from paint spray booths, and spent battery acids. Most wastes stored within the building were stored in new 55-gallon drums, but occasionally small amounts of hazardous waste were stored in 5-gallon pails.

Building 307 measures 40-feet wide by 50-feet long and its sides and roof are corrugated metal construction. The corrugated metal structure sits on a six-inch thick monolithic, reinforced concrete slab floor that is surrounded by an integral component, six-inch concrete curb. The floor of the building is sealed to prevent seepage in the event that materials were spilled onto the concrete floor. Other than the portion of the floor that is covered by the access/egress ramp, the monolithic floor of the building is not sloped nor does it contain any collection sumps or drains. The only entrance into the building is through a sliding corrugated-steel door located on the south side of the building. A 10-foot wide concrete access/egress ramp extends 10 feet beyond the exterior of the building and 8 feet into the building's interior.

1.2.2 Building 301 – Transformer Storage Building (SEAD-2)

Building 301 is located in the east central portion of SEDA, approximately 6,000 feet west, southwest of the Depot's main entry gate off New York State Route 96. The building is located near the munitions igloo storage area. The Army constructed Building 301 in 1942. The building was upgraded in 1986 to meet hazardous waste storage requirements. The Army has used Building 301 as a PCB Storage Facility since approximately 1980. Building 301 was used for the storage of materials associated with unserviceable transformers or other electrical equipment that were known, or suspected, to contain PCBs.

The exterior dimensions of Building 301 are 35 feet 4 inches long by 23 feet 4 inches wide, and the main structure is bounded partially on two sides (east and west), and completely on a third side (i.e., north) by a raised loading dock or platform that measures 6 feet 4 inches in width. The raised loading platform ramps to ground surface on the western side of the building, and a stairway provides transition from the ground to the raised loading dock halfway along the eastern side of the building.

A gravel and tar roof sits on pre-cast concrete planks supported by steel trusses. The exterior walls are 12-foot high and made of 12-inch thick tile. Access to the building from the loading dock is provided through either of two 8-foot by 8-foot overhead doors; one access door is located on the northern side of the building while the second is located on the eastern side of the building.

Routine inspections indicate that there is no evidence of historic release within the building and that the building is in good structural condition. As part of the 1986 Building 301 Upgrade Program, four surface soil samples were collected from each of the exterior corners of the

building and analyzed to determine total PCB content. The results of this sampling show that each of the four samples contained less than 1 part per million (ppm) of total PCBs.

1.3 CLOSURE PERFORMANCE STANDARD

The closure performance standard as written in 6 NYCRR Part 373-3.7(b) states that the facility must be closed in a manner that:

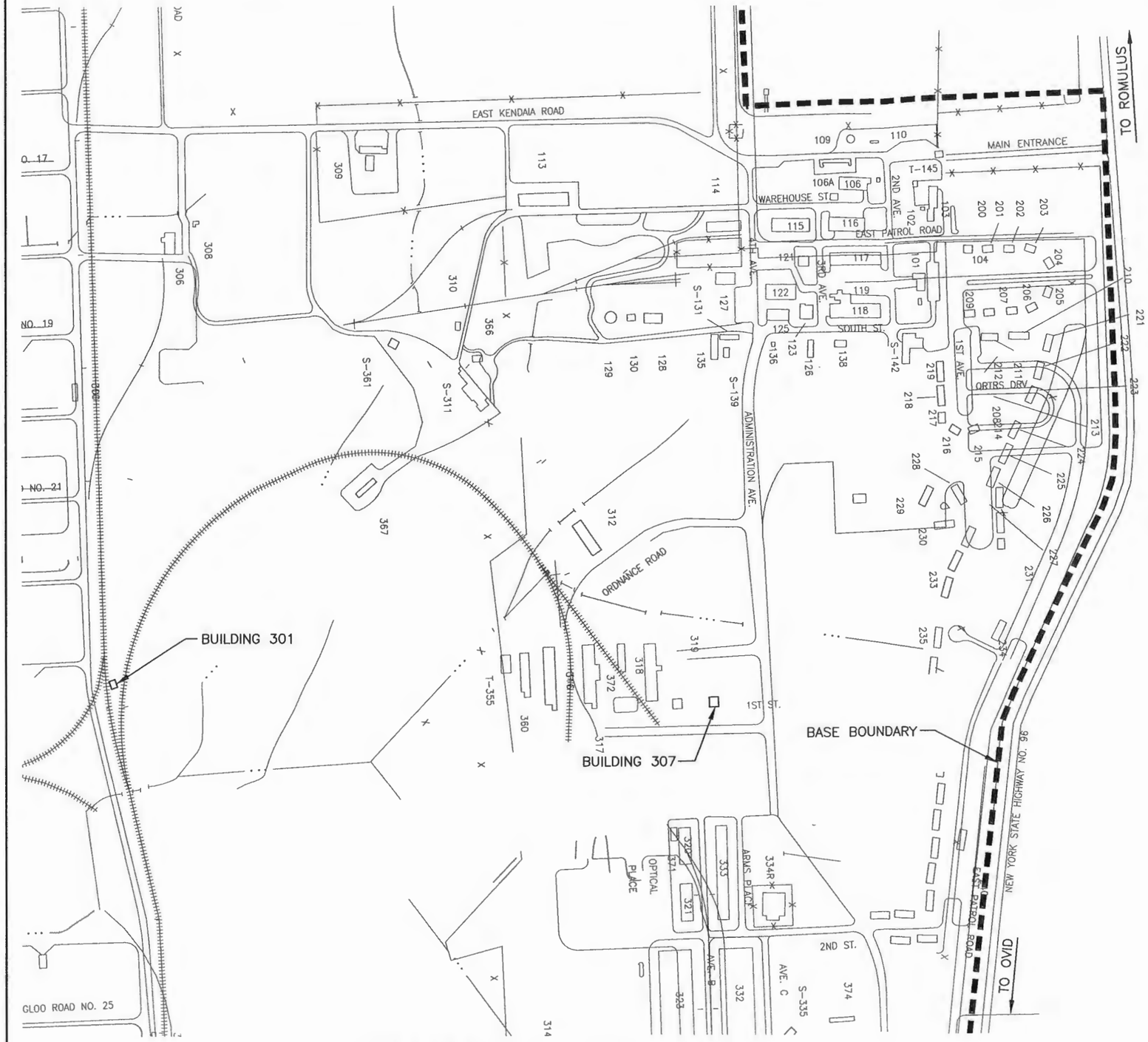
- Minimizes the need for further maintenance;
- Controls, minimizes or eliminates, to the extent necessary to protect human health and the environment, post closure escape of hazardous waste, hazardous constituents, leachate, contaminated run-off, or hazardous waste decomposition products to the ground or surface waters or to the atmosphere;

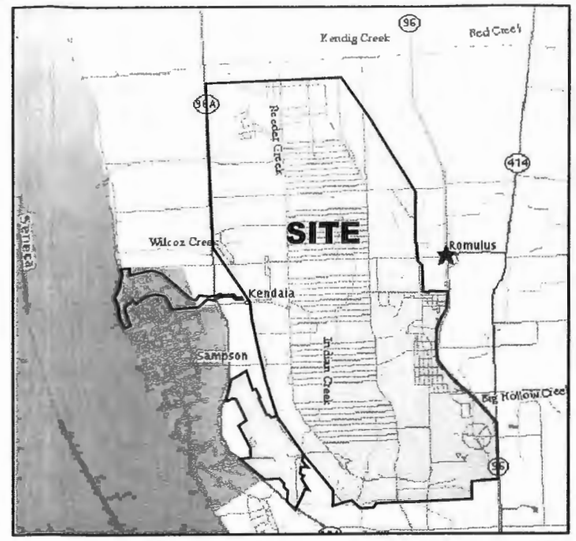
Subdivisions of 373 3.10(h), 3.11(f), 3.12(g), 3.13(g), 3.14(d), 3.15(e), 3.16(e), 3.17(e) and 3.30(c) are NOT applicable to this closure, as written in the standard.

1.4 CONCLUSIONS

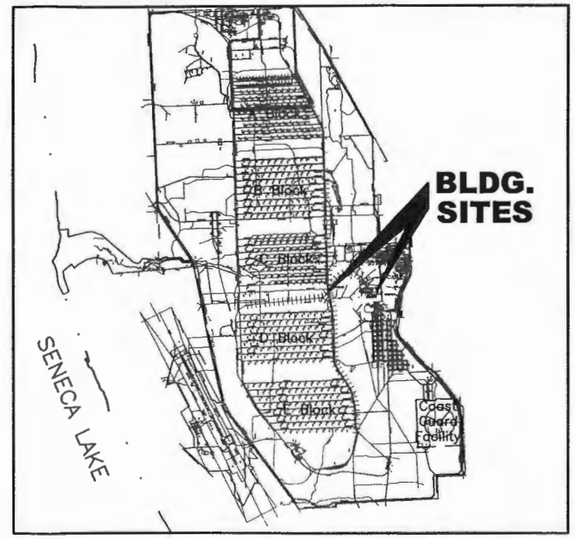
The primary objective of this work was to perform the work necessary to obtain clean closure of the buildings in conformance with the closure performance standard. Review of the confirmatory rinsate analytical data indicates only minor exceedances of the New York State Standards that were used to assess the level of decontamination achieved. The rinsate analytical results indicate the levels of the exceedance compounds were far below hazardous waste concentrations. In fact, the wash water was disposed of as a non-hazardous/non-regulated waste. Therefore, it can be concluded that;

- No further maintenance is needed;
- The buildings pose no threat to human health or the environment;
- Because all hazardous materials have been removed and the buildings decontaminated, there is no chance for post closure escape of hazardous waste or hazardous constituents.
- Because the buildings are in good repair and are no longer used for storage of hazardous materials, there is no chance for future leachate, contained run-off or hazardous waste decomposition products migrating to the ground, surface waters or to the atmosphere.
- Soils surrounding the buildings do not appear to be impacted by the former use of the buildings. The analytical results for the soils indicate the presence of SVOC and metals in concentrations typical of an industrial setting.





REGIONAL MAP
SCALE: 1 INCH=2.5 MILES
SOURCE: Mapquest.com



SITE MAP
SCALE: 1 INCH=10,000 FEET

FIGURE 1-1

SENECA ARMY DEPOT ACTIVITY
RCRA HAZARDOUS WASTE STORAGE FACILITY
TRANSFORMER STORAGE BUILDING

SITE LOCATION PLAN

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

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SECTION 2

CLOSURE ACTIVITIES

2.1 REMOVAL OF HAZARDOUS WASTE INVENTORY

All hazardous waste inventory was removed prior to the start of this closure work.

2.1.1 Building 307

No hazardous waste was removed during this closure activity. The last shipment of hazardous waste was removed from Building 307 in March 2002.

2.1.2 Building 301

No hazardous waste was removed during this closure activity. The last shipment of PCB containing waste was removed from Building 301 in 1998.

2.2 DECONTAMINATION

The buildings were decontaminated manually to the extent practical through the use of rigorous industrial cleaning methods.

2.2.1 Building 307

All interior floor and wall surfaces were decontaminated using a high-pressure detergent and water wash, followed by three clear water rinses using a high-pressure hose. During each of the wash and rinse cycles, the doorway was sealed to prevent the spread of wash and rinse waters beyond the inside of the building and the containment area.

2.2.2 Building 301

All interior floor and wall surfaces were decontaminated using a high-pressure detergent and water wash, followed by three clear water rinses using a high-pressure hose. During each of the wash and rinse cycles, the doorways were sealed to prevent the spread of wash and rinse waters beyond the inside of the building and the containment area.

Exterior floor surfaces were decontaminated using a high-pressure detergent and water wash, followed by three clear water rinses using a high-pressure hose. Temporary containment, consisting of polyethylene sheeting, was used to prevent the spread of wash and rinse waters beyond the intended containment area.

2.3 CONFIRMATORY SAMPLING

After completion of the decontamination process, samples were collected to confirm the degree of decontamination achieved. Confirmation sampling included the collection of aqueous samples in accordance with the State of New York's "Rinsate Sample Collection Protocol" and

the collection of wipe samples in accordance with procedures that are specified under the Toxic Substance Control Act (TSCA) regulations [40 Code of Federal Regulations (CFR) § 761.123].

2.3.1 Rinsate Samples

Rinsate samples were collected from areas that were generally flat and horizontal (i.e. floors and ramps) where damming techniques could be successfully implemented. Prior to collecting rinsate samples, grids were laid out on the floors of the buildings by placing chalk marks at the appropriate intervals, and sampling locations were chosen based on a random numbering selection process.

An Ultra Spill Berm® (temporary floor dike made of a flexible, non absorbing polyurethane) was used to contain rinsate water. The berm was shaped into an approximately 400 square inch surface area (i.e., 20 inches by 20 inches). Sampling was initiated by pouring approximately 2 liters of labratory grade water into the bermed area and letting it stand for ten minutes.

The water was sampled from the bermed area using a peristaltic pump with dedicated tubing. Each sample was labeled and recorded (Sample ID, Location ID, and time) in the field logbook and on the chain of custody.

After each sample, the berm was decontaminated using alconox and water followed by a laboratory grade water rinse. The dedicated tubing was disposed after use.

Rinsate samples were analyzed for Target Compound List (TCL) VOC, SVOC, and Target Analyte List (TAL) metals. All sample analyses were conducted by General Engineering Laboratories, LLC, a laboratory certified by the New York State Department of Health (NYSDOH), and were performed in accordance with "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846 (Third Edition (November 1986), as amended by Updates: I (July 1992), II (September 1994), IIA (August 1993), IIB (January 1995), III (December 1996), and IIIA (April 1998), and later approved revisions), hereinafter referred to as "SW-846".

2.3.2 PCB Wipe Samples

PCB wipe samples were collected from the horizontal and vertical non-porous surfaces in the buildings. A sampling grid was developed for the buildings in accordance with the EPA's guidance manual "Field Manual for Grid Sampling of PCB Spill Sites to Verify Clean-up" (EPA-560/5-86-017). Each sampling location was marked out with tape and labeled.

In order to conform to TSCA's recommended 100 square centimeter surface area, 10 centimeter square templates were utilized.

The wipe samples were collected by placing the template over the area to be sampled, grasping the wipe with forceps, and wiping in a left to right motion and then top to bottom motion. The wipe was air-dried, folded over, and place in the container. Each sample was labeled and recorded (Sample ID, Location ID, and time) in the field logbook and on the chain of

custody. The forceps were decontaminated using alconox and water followed by a hexane rinse. The forceps were allowed to air dry.

Wipe samples were analyzed for PCBs. All sample analyses were conducted by General Engineering Laboratories, LLC, a laboratory that is certified by the NYSDOH, and were performed in accordance with "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846, Appendix 19 of 6NYCRR Part 371.

2.3.3 PCB Chip Samples

Chip samples were collected in lieu of wipe samples where surfaces were tar and gravel coatings (i.e., exterior floor slabs and ramps). All sample analyses were conducted by General Engineering Laboratories, LLC , a laboratory that is certified by the NYSDOH, and were performed in accordance with "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846.

Chip samples were collected from the tar/gravel ramp locations on the exterior of Building 301. The samples were collected by placing a 10 centimeter square template on the surface and chipping the surface, no more than 1 cm deep, and collecting approximately 50 grams of the surface material.

2.3.4 Building 307 Confirmation Samples

Seventeen (17) locations were chosen for collection of rinsate samples, plus additional quality assurance and quality control (QA/QC) samples. The samples were collected from the surfaces (i.e., ramps and contained floor) of Building 307. Three samples (15, 64, 77) were collected from areas that were visibly stained. See Figure 2-1 for locations.

Forty (40) wipe samples, plus additional QA/QC samples were collected from locations on the interior walls and floor of Building 307. See Figure 2-2 for locations.

2.3.5 Building 301 Confirmation Samples

Fifteen (15) locations were chosen for collection of rinsate samples, plus additional QA/QC samples. The samples were collected from the surfaces (i.e., ramps and contained floor) of Building 301. See Figure 2-3 for locations.

The exterior ramp and loading dock surface finish is made of gravel and tar/asphalt aggregate. Samples from these areas are 1, 4, 13, 30, 90 and 93.

Sample #84 was collected on the stairs adjacent to the railroad tracks.

Sixteen (16) wipe samples, plus additional QA/QC samples were collected from locations on the interior walls and floor of Building 307. See Figure 2-4 for locations.

Six (6) chip samples and one (1) duplicate sample were collected from locations on the exterior surfaces of Building 301. See Figure 2-4 for locations.

2.4 DISPOSAL

2.4.1 Decontamination Water

Wastewater generated during the wash and rinse cycles was collected and pumped into DOT-approved 55-gallon drums. Eight drums of washwater were collected (three from Building 301 and five from Building 307). A sample of the drummed waters was collected and analyzed for TCL VOC, SVOC, PCB and TAL metals. Based on the analytical results, the water was determined to be a non-hazardous waste. A waste profile was generated and the water was shipped to Industrial Oil Services Corp. in Oriskany, NY for disposal. See Appendix A for analytical results and Appendix B for disposal documentation.

All pumps, hoses, containers and equipment used during the decontamination operations were decontaminated after use by triple flushing/rinsing all exposed or wetted surfaces. The rinse waters were added to the drummed decontamination liquid drums and disposed.

2.4.2 Personal Protective Equipment

Disposable personnel protective equipment worn by workers was collected and placed in two 55-gallon drums for disposal as a non-hazardous waste at Industrial Oil Services Corp. in Oriskany, NY. See Appendix B for disposal documentation.

2.5 DATA REPORTING

2.5.1 Building 307

2.5.1.1 Rinsate Samples

Analytical results from rinsate samples are listed on Table A-1 (Appendix A) and compared to New York State Water Quality Standards-Class GA (NYSWQS) (6 NYCRR § 703.5). Seven (7) compounds were detected at concentrations exceeding the NYSWQS (Table 2-1).

Toluene was detected in 4 of 18 samples. Toluene exceeded the NYSWQS (Standard) of 5 ug/L in 3 of 18 samples with a maximum value of 17.2 ug/L.

Bis(2-Ethylhexyl)phthalate was detected in 6 of 18 samples. Bis(2-Ethylhexyl)phthalate exceeded the Standard of 5 ug/L in 5 of 18 samples with a maximum value of 10.8 ug/L.

Pentachlorophenol was detected in 2 of 18 samples. Pentachlorophenol exceeded the Standard of 1 ug/L in 2 of 18 samples with a maximum value of 8.9 ug/L.

Arsenic was detected in 15 of 19 samples. Arsenic exceeded the Standard of 25 ug/L in five of 18 samples with a maximum value of 30.1 ug/L. No arsenic concentrations were greater than the NYS Groundwater Effluent Limitation-Class GA (GEL) of 50 ug/L.

Cadmium was detected in 17 of 19 samples. Cadmium exceeded the Standard of 5 ug/L in 2 of 18 samples with a maximum value of 7.18 ug/L. No cadmium concentrations were greater than the GEL of 10 ug/L.

Iron was detected in 17 of 19 samples. Iron exceeded the Standard of 300 ug/L in 16 of 18 samples with a maximum value of 3,880 ug/L.

Lead was detected in 18 of 19 samples. Lead exceeded the Standard of 25 ug/L in 13 of 19 samples with a maximum value of 165 ug/L.

2.5.1.2 PCB Wipe Samples

Analytical results from the PCB wipe samples are listed on Table A-2 (Appendix A) and compared to the 10 ug/100 cm^2 decontamination standard for non-porous surfaces (40 CFR 761.125). There were no detections or exceedances of the 10 ug/ 100 cm^2 decontamination standard.

2.5.2 Building 301

2.5.2.1 Rinsate Samples

Analytical results from rinsate samples are listed on Table A-3 (Appendix A) and compared to New York State Water Quality Standards for Class GA groundwater (6 NYCRR § 703.5). Six compounds were detected at concentrations exceeding the NYSWQS (Table 2-2).

1,1'-Biphenyl was detected in 3 of 13 samples. 1,1'-Biphenyl exceeded the Standard of 5 ug/L in 1 of 13 samples with a maximum value of 7.7 ug/L.

3 or 4-Methylphenol was detected in 1 of 13 samples. 3 or 4-Methylphenol exceeded the Standard of 1 ug/L in 1 of 13 samples with a maximum value of 7.7 ug/L.

Bis(2-Ethylhexyl)phthalate was detected in 6 of 13 samples Bis(2-Ethylhexyl)phthalate exceeded the Standard of 5 ug/L in 2 of 13 samples with a maximum value of 12.7 ug/L.

Cadmium was detected in 4 of 16 samples. Cadmium exceeded the Standard of 5 ug/L in 1 of 16 samples with a maximum value of 6.23 ug/L. No cadmium concentrations were greater than the GEL of 10 ug/L.

Iron was detected in 16 of 16 samples. Iron exceeded the Standard of 300 ug/L in 6 of 16 samples with a maximum value of 2,930 ug/L.

Lead was detected in 16 of 16 samples. Lead exceeded the Standard of 25 ug/L in 12 of 16 samples with a maximum value of 1,050 ug/L.

2.5.2.2 PCB Wipe Samples

Analytical results from the PCB wipe samples are listed on Table A-4 (Appendix A) and compared to the 10 ug/100 cm^2 decontamination standard for non-porous surfaces. There were no detections or exceedances of the 10 ug/ 100 cm^2 decontamination standard.

2.5.2.3 PCB Chip Samples

Analytical results from the chip samples are listed on Table A-5 (Appendix A) and compared to the 1,000 ug/kg standard for surface soils (New York State Technical and

Administrative Guidance Memorandum (TAGM) 4046; Appendix A; Table 3). No exceedances of the 1,000 ug/kg were observed.

2.6 GROUNDS SURROUNDING BUILDINGS

No records of historical spills or releases of chemical materials exterior to Buildings 301 or 307 exist. Soil samples were collected to determine if evidence of a possible hazardous material release exists in the shallow soils surrounding the buildings. The samples were collected using a stainless steel spoon and mixing bowl from the top two to three inches of soil. VOC samples were collected in a 5-gram syringe and placed in VOA vials. The soil samples were analyzed for TCL VOC, SVOC, PCB, and TAL metals.

2.6.1 Building 307

Twelve (12) shallow surface soil samples, plus additional QA/QC samples, were collected from the soil exterior of Building 307. See Figure 2-5 for locations.

The surface surrounding Building 307 consisted of coarse gravel and vegetation. As necessary, this surface cover was removed and the native soils were sampled. All samples were collected within two feet of the exterior walls.

2.6.1.1 Soil Sample Results

Analytical results from the soil samples are listed on Table A-6 (Appendix A). Six compounds were detected at concentrations exceeding the TAGM 4046 Soil Cleanup Objectives (Table 2-3).

2.6.2 Building 301

Twelve (12) shallow surface soil samples, plus additional QA/QC samples were collected from the soil exterior of Building 301. See Figure 2-6 for locations.

The surface surrounding Building 301 was comprised of a tar/asphalt and gravel material on the north, east and west sides (all samples, except 04). The south side surface was grassy. On the east side, the surface soil samples were collected within 7 feet of the railroad tracks (05, 06) and sample location 07 and 08 were 3 feet and 1.5 feet from the railroad tracks, respectively. Additionally, all samples were collected from within 2 feet of the Building 301 wall, with the exception of sample 04, which was approximately 8 feet from the wall. Sample 04 was moved 8 feet from the wall to avoid a concrete pad so that native soils could be sampled.

The field crew removed the top cover of asphalt/tar and attempted to only sample the underling soil. Attempts were made to remove any asphalt/tar material before collecting the sample.

2.6.2.1 Soil Sample Results

Analytical results from the soil samples are listed on Table A-7 (Appendix A). Nineteen compounds were detected at concentrations exceeding the TAGM 4046 Soil Cleanup Objectives (Table 2-4).

2.7 SURVEY PLAT

Not required. No hazardous wastes are remaining at these sites.

2.8 PROFESSIONAL ENGINEER REVIEW AND CERTIFICATIFICATION

As per 6 NYCRR Part 373-3.7(f), this report shall serve as certification of the closures of Building 307 and Building 301. David Babcock, P.E. has reviewed this report and certifies that the work was done in accordance with the approved closure plan and 6 NYCRR Part 373-3.7. See Certification of Closure at the beginning of this report.

2.9 SCHEDULE

A letter announcing the intended closure work schedule was forwarded to the NYSDEC on April 4, 2003.

Building decontamination was completed between April 14, 2003 and April 16, 2003.

Post decontamination confirmatory sampling started on April 17, 2003 and was completed on April 24, 2003.

2.10 PHOTOGRAPHIC DOCUMENTATION

Photographic documentation of the decontamination effort and the confirmatory sampling can be found in the Daily Field Reports in Appendix C.

PARSONS

SEAD-1 (BUILDING 307)
RINSATE SAMPLE DATA
EXCEEDANCE COMPOUNDS ONLY

TABLE 2-1

Location ID							INT/FLR		INT/FLR		INT/FLR		INT/FLR		INT/FLR		INT/FLR		INT/FLR		INT/FLR	
Bldg ID/Grid Number (2)							R307-4		R307-13		R307-13		R307-15		R307-16		R307-18		R307-64		R307-77	
Sample Type							RINSATE		RINSATE		RINSATE		RINSATE		RINSATE		RINSATE		RINSATE		RINSATE	
Field Sample ID							15001		15004		15003		15013		15002		15000		15011		15012	
Sample Date							4/22/2003		4/22/2003		4/22/2003		4/23/2003		4/22/2003		4/22/2003		4/23/2003		4/23/2003	
Sample Designation							SA		DU		SA		SA		SA		SA		SA		SA	
Parameter	**Units**	**Maximum Detected Value**	**Action Level**	**No. of Exceedances**	**No. of Detections**	**No. of Samples Analyzed (1)**	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)
Toluene	UG/L	8.4	5	3	4	18	8.4		1	U	1	U	1	U	1	U	6.7		1	U	1	U
Bis(2-Ethylhexyl)phthalate	UG/L	10.8	5	5	6	18	10.3	U	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	5.6	J	7.1	J
Pentachlorophenol	UG/L	8.9	1	2	2	18	10.3	U	10.2	U	10.2	U	11.1	U	10.3	U	8.9	NJ	11	U	9.7	R
Arsenic	UG/L	30.1	25	5	15	19	9.59		27.3		14.1		7.26		10.8		26.4		16.9		4.1	U
Cadmium	UG/L	7.18	5	2	17	19	1.27	J	4.16		2.05		0.808	J	1.57		7.18		5.76		0.807	U
Iron	UG/L	3880	300	14	17	19	843		3830		1740		653		1640		3190		3880		82	
Lead	UG/L	165	25	13	18	19	73.1		165		88.2		27.4		42.7		116		118		10.1	

Location ID			INT/FLR		INT/FLR		INT/FLR		INT/RAMP		INT/RAMP		EXT/RAMP		INT/FLR	
Bldg ID/Grid Number (2)			R307-84		R307-90		R307-90		R307-RMP-1 (49)		R307-RMP-2 (58)		R307-EXT		R307-EXT2	
Sample Type			RINSATE		RINSATE		RINSATE		RINSATE		RINSATE		RINSATE		RINSATE	
Field Sample ID			15009		15010		015010D		15014		15015		15016		15017	
Sample Date			4/22/2003		4/22/2003		4/22/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003	
Sample Designation			SA		SA		DU		SA		SA		SA		SA	
Parameter	**Units**		Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)
Toluene	UG/L		1	U	1	U			1	U	1	U	1	U	17.2	
Bis(2-Ethylhexyl)phthalate	UG/L		10.2	U	4.6	U			8.7	J	5.9	J	10.8	J	3.6	J
Pentachlorophenol	UG/L		10.2	U	5.9	J			10.5	U	9.6	U	11.2	U	9.9	U
Arsenic	UG/L		26.3		30.1		29.4		5.02		8.75		4.1	U	4.1	U
Cadmium	UG/L		2.03		3.25		3.39		1.3	J	2.79	J	0.877	J	0.807	U
Iron	UG/L		1890		767		736		2390		1760		2450		1270	
Lead	UG/L		64.9		125		124		81.6		115		106		16.9	

NOTES:

SA = Sample
DU = Duplicate
Q = Data Qualifier
U = Undetected
J = Estimated
R = Rejected
FLR = Floor (Coated Concrete)
INT = Interior
EXT = Exterior
RAMP = RAMP Entrance to Building
RMP = Ramp

NOTES:

(1) - Number of samples analyzed includes all QA/QC samples
Samples with no exceedances do not appear on this table

(2) - The 2nd part of the designation identifies the grid location on Figure 2-1
(i.e: R307-4 = grid #4)

PARSONS

SEAD-2 (BUILDING 301)
RINSATE SAMPLE DATA
EXCEEDANCE COMPOUNDS ONLY

TABLE 2-2

Location ID							EXT/DOCK		EXT/DOCK		EXT/DOCK		EXT/DOCK		EXT/RAMP		EXT/RAMP		EXT/STAIR	
Bldg ID/Grid Number (2)							R301-1		R301-4		R301-13		R301-90		R301-30		R301-93		R301-84	
Sample Type							RINSATE		RINSATE		RINSATE		RINSATE		RINSATE		RINSATE		RINSATE	
Field Sample ID							25011		25015		25014		25010		25013		25012		25009	
Sample Date							4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003	
Sample Designation							SA		SA		SA		SA		SA		SA		SA	
Parameter	**Units**	**Maximum Detected Value**	**Action Level**	**No. of Exceedances**	**No. of Detections**	**No. of Samples Analyzed (1)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
1,1'-Biphenyl	UG/L	7.7	5	1	3	13	44.4	U	0.51	J	2.2	J	7.7	J	10.9	U				
3 or 4-Methylphenol	UG/L	3.4	1	1	1	13	44.4	U	9.9	U	40	U	3.4	J	10.9	U				
Bis(2-Ethylhexyl)phthalate	UG/L	12.7	5	2	6	13	6.8	U	4.2	U	40	U	40.8	U	5.4	U				
Cadmium	UG/L	6.23	5	1	4	16	0.807	U	0.807	U	0.807	U	4.17		0.807	U	0.807	U	6.23	
Iron	UG/L	2930	300	6	16	16	302		2050		639		2320		296		168		2930	
Lead	UG/L	1050	25	12	16	16	93.2		284		64		1050		112		213		602	

Location ID			INT/FLR		INT/RAMP		INT/FLR		INT/FLR		INT/FLR		INT/RAMP	
Bldg ID/Grid Number (2)			R301-28		R301-42		R301-43		R301-63		R301-65		R301-73	
Sample Type			RINSATE		RINSATE		RINSATE		RINSATE		RINSATE		RINSATE	
Field Sample ID			25000		25008		25007		25006		25004		25005	
Sample Date			4/23/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003	
Sample Designation			SA		SA		SA		SA		SA		SA	
Parameter	**Units**		**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
1,1'-Biphenyl	UG/L		10.8	U	11.1	U	10	U	10.8	U	11.1	U		
3 or 4-Methylphenol	UG/L		10.8	U	11.1	U	10	U	10.8	U	11.1	U		
Bis(2-Ethylhexyl)phthalate	UG/L		3.3	J	4.4	J	12.7		9.5	J	2.1	J		
Cadmium	UG/L		0.807	U	1.2	J	0.807	U	0.807	U	0.807	U	1.57	B
Iron	UG/L		466		76.5		102		20.7	J	26.7	J	205	
Lead	UG/L		584		146		209		22		78.7		304	

NOTES:

SA = Sample
DU = Duplicate
Q = Data Qualifier
U = Undetected
J = Estimated
B =
DOCK = Loading Dock (Gravel on Tar/Asphalt Base over Concrete)
EXT = Exterior
INT = Interior
RAMP = Ramp Entrance to Building
FLR = Floor (Coated Conrete)
STAIR = Concrete Stairs

NOTES:

(1) - Number of samples analyzed includes all QA/QC samples
Samples with no exceedances do not appear on this table
(2) - The 2nd part of the designation identifies the grid location on Figure 2-3
(i.e: R301-1 = grid #1)

SEAD-1 (BLDG 307)
EXTERIOR SOIL DATA
EXCEEDANCE COMPOUNDS ONLY

Location ID							SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1	
Bldg ID/Sample Location (2)							SS307-00		SS307-11		SS307-01		SS307-02		SS307-03		SS307-04		SS307-05	
Sample Type							SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Field Sample ID							11000		11011		11001		11002		11003		11004		011005D	
Sample Date							4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003	
Sample Designation							SA		DU		SA		SA		SA		SA		DU	
Parameter	**Units**	**Maximum Detected Value**	**Action Level**	**No. of Exceedances**	**No. of Detections**	**No. of Samples Analyzed (1)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Benzo(a)anthracene	UG/KG	514	224	3	7	12	140	U	145	U	402		514		202		34.9	U		
Benzo(a)pyrene	UG/KG	561	61	11	11	12	140	UJ	334	NJ	387		561		283		105			
Benzo(b)fluoranthene	UG/KG	1140	1100	1	12	12	692	J	840		866		1140		344		237			
Chrysene	UG/KG	591	400	3	12	12	383		427		405		591		239		118			
Calcium	UG/KG	306000000	293000000	1	13	13	209000000		155000000		178000000		245000000		173000000		19600000		12700000	
Mercury	UG/KG	370	130	2	13	13	65.1		61.8		36.9		18.8		22.1		39.8		370	
Sodium	UG/KG	348000	269000	1	12	13	88100		68000		77700		348000		85200	U	232000		51200	
Zinc	UG/KG	16200000	126000	13	13	13	2930000		2470000		905000		16200000		9650000		5800000		180000	

Location ID							SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1	
Bldg ID/Sample Location (2)							SS307-05		SS307-06		SS307-07		SS307-08		SS307-09		SS307-10	
Sample Type							SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Field Sample ID							11005		11006		11007		11008		11009		11010	
Sample Date							4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003	
Sample Designation							SA		SA		SA		SA		SA		SA	
Parameter	**Units**						**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Benzo(a)anthracene	UG/KG						211		38.4	U	185		291		36.7	U	166	
Benzo(a)pyrene	UG/KG						283		188		273		360		162		226	
Benzo(b)fluoranthene	UG/KG						367		387		383		578		245		308	
Chrysene	UG/KG						188		194		219		302		190		159	
Calcium	UG/KG						10900000		13400000		4090000		7270000		306000000		159000000	
Mercury	UG/KG						354		47.3		48.3		62		13.9		64.1	
Sodium	UG/KG						46200		177000		161000		158000		88600		96700	
Zinc	UG/KG						157000		6350000		8660000		14100000		3020000		1050000	

NOTES:

SA = Sample
DU = Duplicate
SS = Surface Soil
Q = Data Qualifier
U = Undetected
J = Estimated

NOTES:

(1) - Number of samples analyzed includes all QA/QC samples

(2) - The 2nd part of the designation identifies the sample location on Figure 2-5
(i.e: SS307-00 = sample #00)

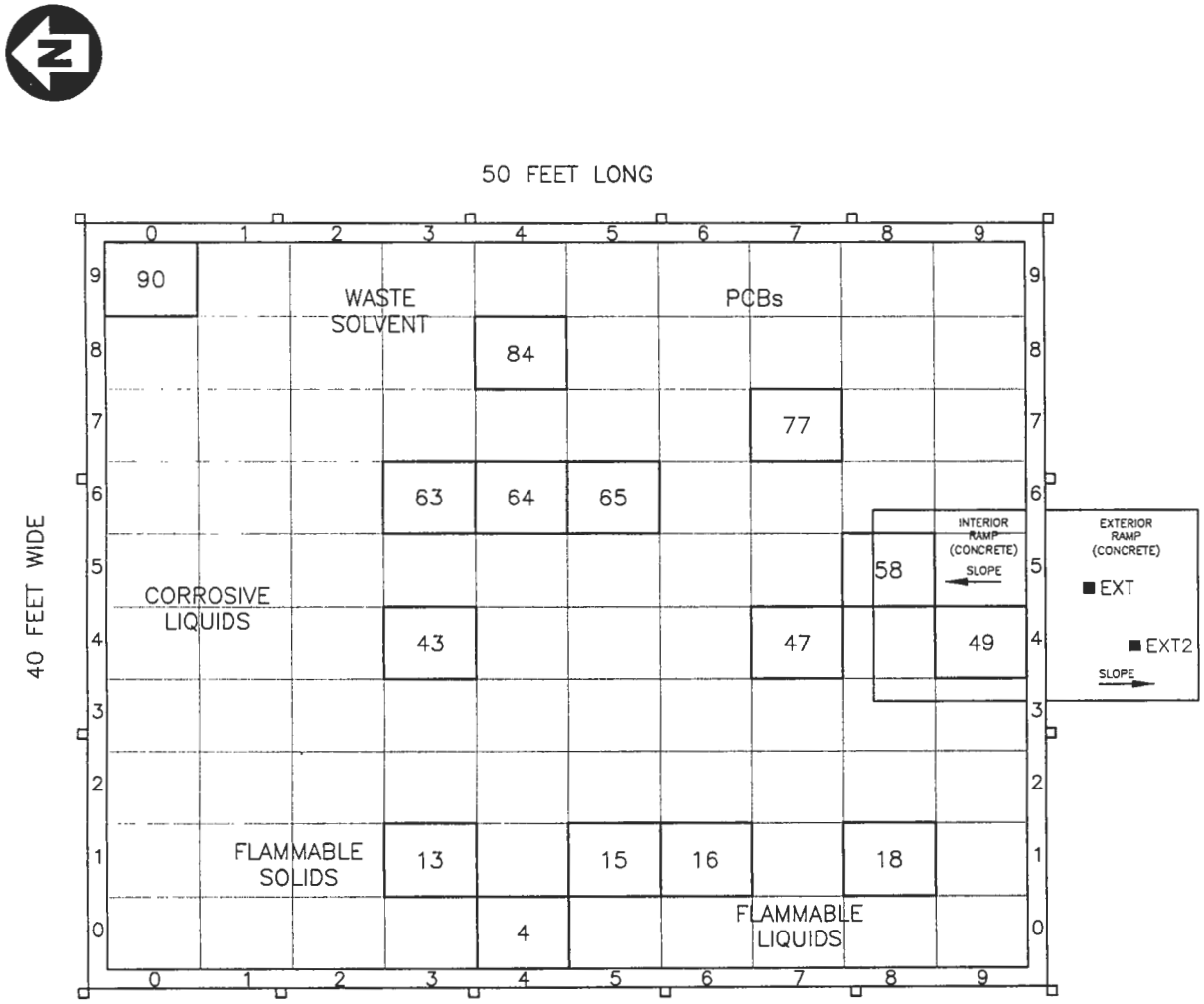
SEAD- 2 (BLDG 301)
EXTERIOR SOIL DATA
EXCEEDANCE COMPOUNDS ONLY

Location ID							SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2	
Bldg ID/Location (2)							SS301-00		SS301-01		SS301-02		SS301-03		SS301-04		SS301-04		SS301-05		SS301-06		SS301-07		SS301-08		SS301-09		SS301-20		SS301-21	
Sample Type							SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Field Sample ID							21000		21001		21002		21003		021004D		21004		21005		21006		21007		21008		21009		21020		21021	
Sample Date							4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003	
Sample Designation							SA		SA		SA		SA		DU		SA		SA		SA		SA		SA		SA		SA		DU	
Parameter	**Units**	**Maximum Detected Value**	**Action Level**	**No. of Exceedances**	**No. of Detections**	**No. of Samples Analyzed (1)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Benzo(a)anthracene	UG/KG	66600	224	12	12	12	39300	J	4670	J	7690	J	27900	J			1330		1740		11300	J	66600	J	9100	J	3300	J	2660		19400	J
Benzo(a)pyrene	UG/KG	56900	61	12	12	12	31600	J	5300	J	7240	J	22900	J			1080		1710		11500	J	56900	J	8840	J	3240	J	2100	J	19600	J
Benzo(b)fluoranthene	UG/KG	102000	1100	12	12	12	56700	J	6540	J	8980	J	28800	J			1670		2510		11900	J	102000	J	12500	J	4050	J	3210	J	22700	J
Benzo(k)fluoranthene	UG/KG	11700	1100	7	7	12	1370	UJ	3660	J	4340	J	11700	J			41.4	U	34.4	U	5240	J	4080	UJ	5760	J	1540	J	35.5	UJ	11200	J
Chrysene	UG/KG	67700	400	12	12	12	33000	J	5540	J	7950	J	29900	J			1150		2060		12200	J	67700	J	9480	J	4150	J	2620		20000	J
Dibenz(a,h)anthracene	UG/KG	19900	14	3	3	12	19900	J	346	UJ	354	UJ	1380	UJ			281		354		364	UJ	4080	UJ	375	UJ	353	UJ	35.5	UJ	356	UJ
Dibenzofuran	UG/KG	22100	6200	2	12	12	11000	J	250	J	761	J	2210	J			265	J	40.9	J	1750	J	22100	J	2300	J	468	J	46.3	J	5000	J
Fluoranthene	UG/KG	151000	50000	3	12	12	88900	J	9100	J	17400	J	53200	J			2560		1500		17400	J	151000	J	19400	J	6980	J	2490		34500	J
Indeno(1,2,3-cd)pyrene	UG/KG	24900	3200	7	12	12	11600	J	2630	J	3640	J	10700	J			572		662		3770	J	24900	J	4020	J	1730	J	864		7020	J
Naphthalene	UG/KG	33900	13000	1	8	12	838	J	346	UJ	354	UJ	1380	UJ			572		62.7		2030	J	33900	J	2440	J	353	UJ	106		10100	J
Phenanthrene	UG/KG	159000	50000	2	12	12	81500	J	5340	J	12400	J	38300	J			2000		669		14700	J	159000	J	18800	J	5240	J	1050		34100	J
Phenol	UG/KG	1680	30	3	3	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	3640	UJ	1680	J	178	J	3530	UJ	355	U	372	J
Pyrene	UG/KG	148000	50000	3	12	12	98600	J	10500	J	15700	J	61200				2150		3280		23500	J	148000	J	18400	J	8150	J	5350		39000	J
Cadmium	UG/KG	4200	2900	3	12	13	359		134	J	78.8	U	150	J	329		325	J	97.4	J	300	J	4120		4200		470		4200		251	J
Chromium	UG/KG	52800	32700	3	13	13	6410		8080		7570		10700		52800		52300		5230		8970		30700		39100		11900		17400		12700	
Copper	UG/KG	86400	62800	1	13	13	8110		10600		9500		11400		35100		34300		6230		11600		86400		53800		14100		16900		10700	
Lead	UG/KG	1570000	400000	1	13	13	24700		23400		14800		26800		29300		27600		9510		97900		1570000		372000		62800		77600		141000	
Magnesium	UG/KG	56100000	29100000	8	13	13	19800000		32500000		35700000		37500000		5230000		5670000		56100000		34800000		9450000		6580000		36700000		53900000		38200000	
Zinc	UG/KG	752000	126000	4	13	13	28100		36200		29400		63900		156000		151000		30600		56600		752000		325000		76400		88000		57100	

NOTES:
SA = Sample
DU = Duplicate
Q = Data Qualifier
U = Undetected
J = Estimated

NOTES:
(1) - Number of samples analyzed includes all QA/QC samples

(2) - The 2nd part of the designation identifies the grid location on Figure 2-3
(i.e: SS301-00 = sample #00)



GRID #	FIELD SAMPLE #
4	15001
13	15003,15004
15	15013
16	15002
18	15000
43	15005
47	15006
49	15014
58	15015
63	15007
64	15011
65	15008
77	15012
84	15009
90	15010,15010D
■EXT	15016
■EXT2	15017

SCALE: 1"=10'

FIGURE 2-1

SENECA ARMY DEPOT ACTIVITY
RCRA CLOSURE
BUILDING 307

RINSATE SAMPLE LOCATIONS

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

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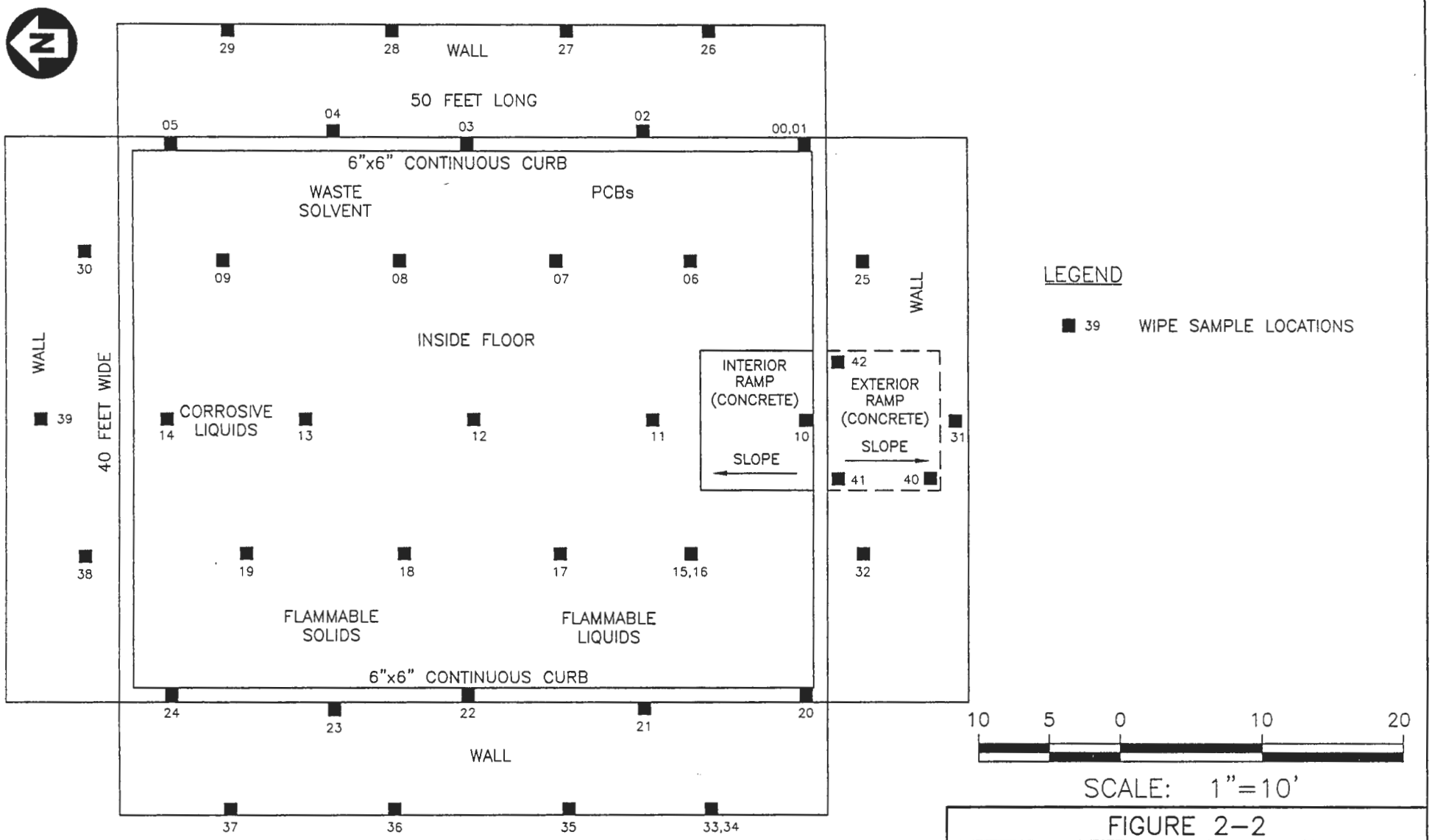

FIGURE 2-2

SENECA ARMY DEPOT ACTIVITY
RCRA CLOSURE
BUILDING 307

PCB WIPE SAMPLE LOCATIONS

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

P:\743157 Seneca\CAD\43157F04.dwg, 07/22/03 at 08:13, MAB, 1=1
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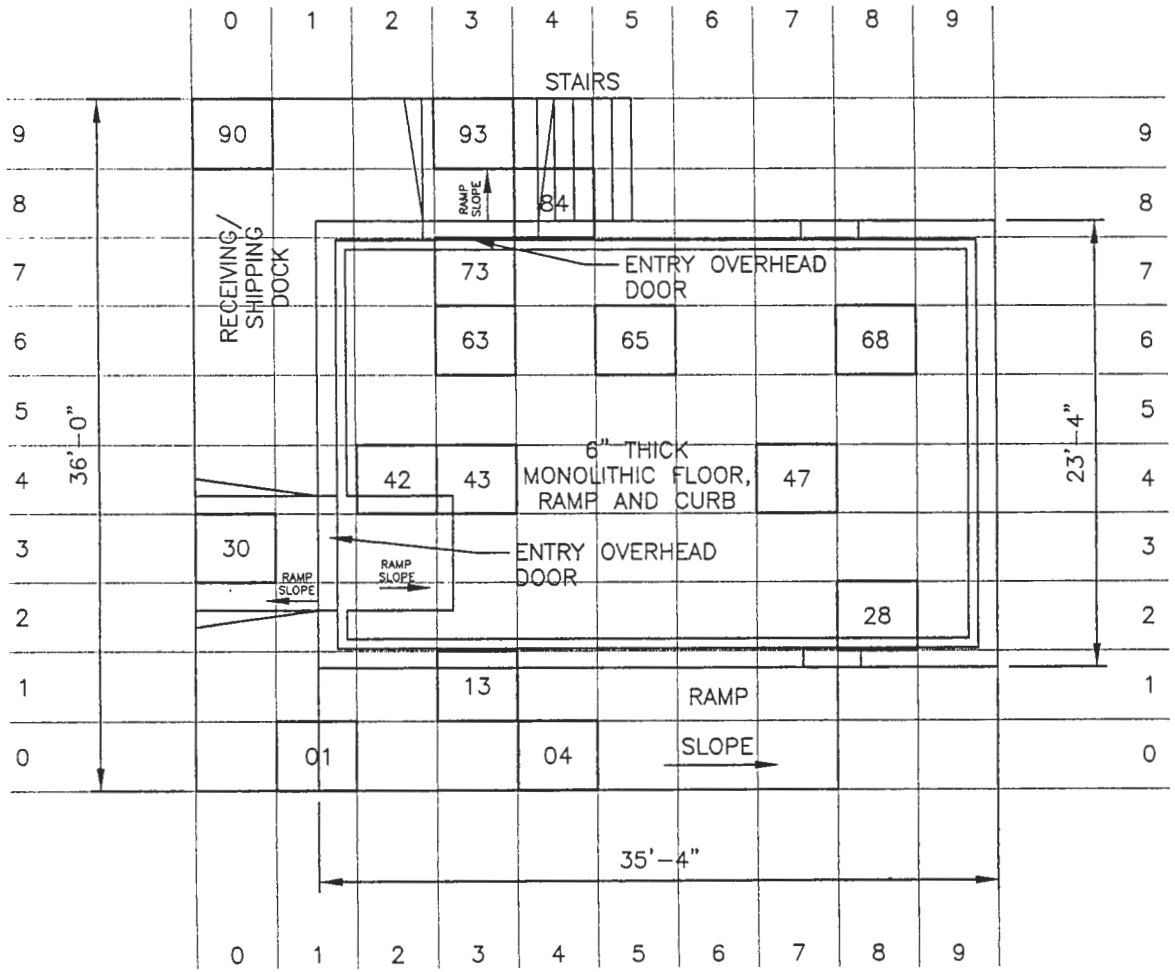

GRID #	FIELD SAMPLE #
1	25011
4	25015
13	25014
28	25000
30	25013
42	25008
43	25007
47	25002,25003
63	25006
65	25004
68	25001
73	25005
84	25009
90	25010
93	25012

10 5 0 10 20

SCALE: 1"=10'

FIGURE 2-3

SENECA ARMY DEPOT ACTIVITY
RCRA CLOSURE
BUILDING 301

RINSATE SAMPLE LOCATIONS

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

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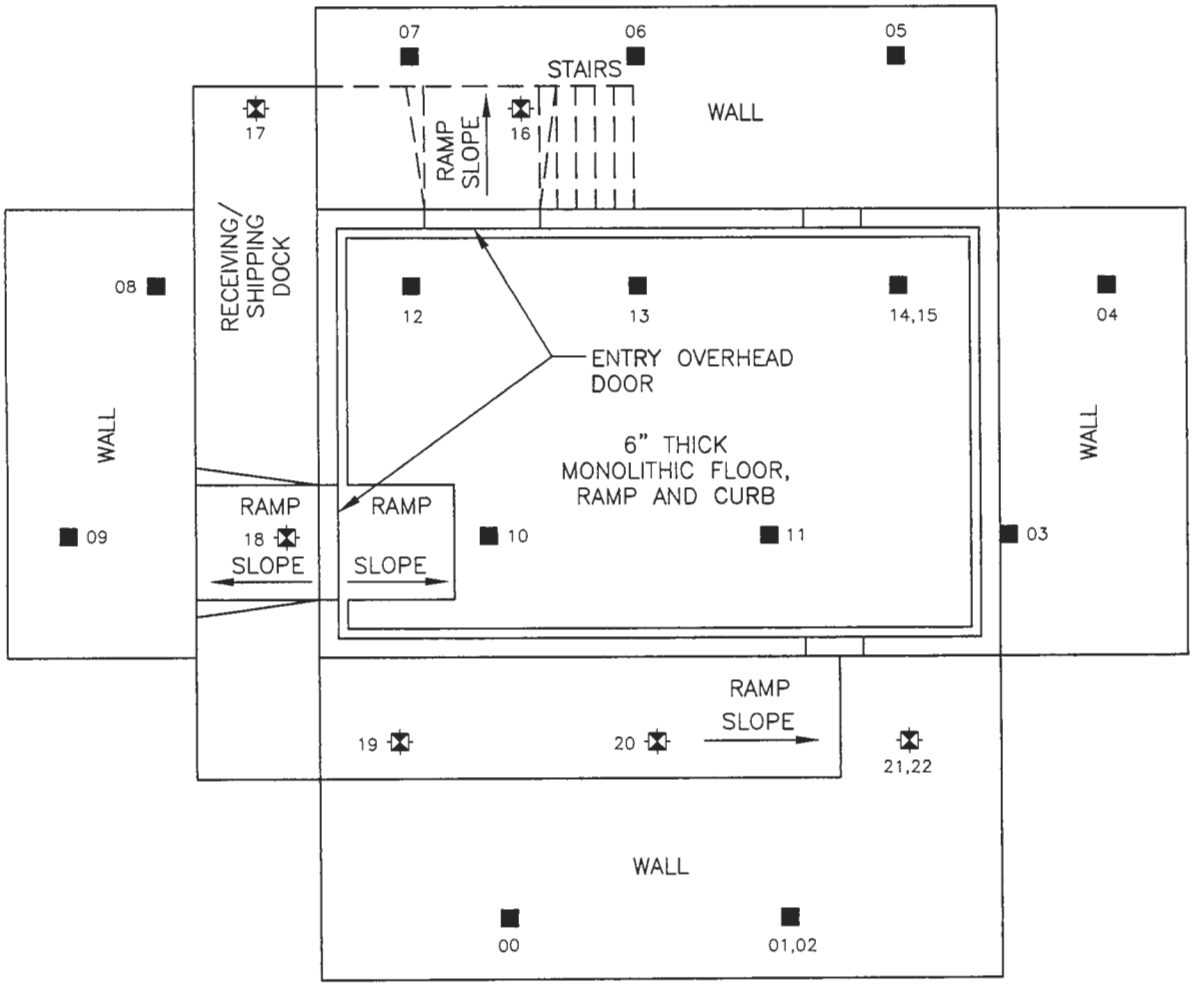

LEGEND

■ 01 WIPE SAMPLE LOCATIONS

✠ 19 CHIP SAMPLE LOCATIONS

10 5 0 10 20

SCALE: 1"=10'

FIGURE 2-4

SENECA ARMY DEPOT ACTIVITY
RCRA CLOSURE
BUILDING 301

PCB SAMPLE LOCATIONS

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

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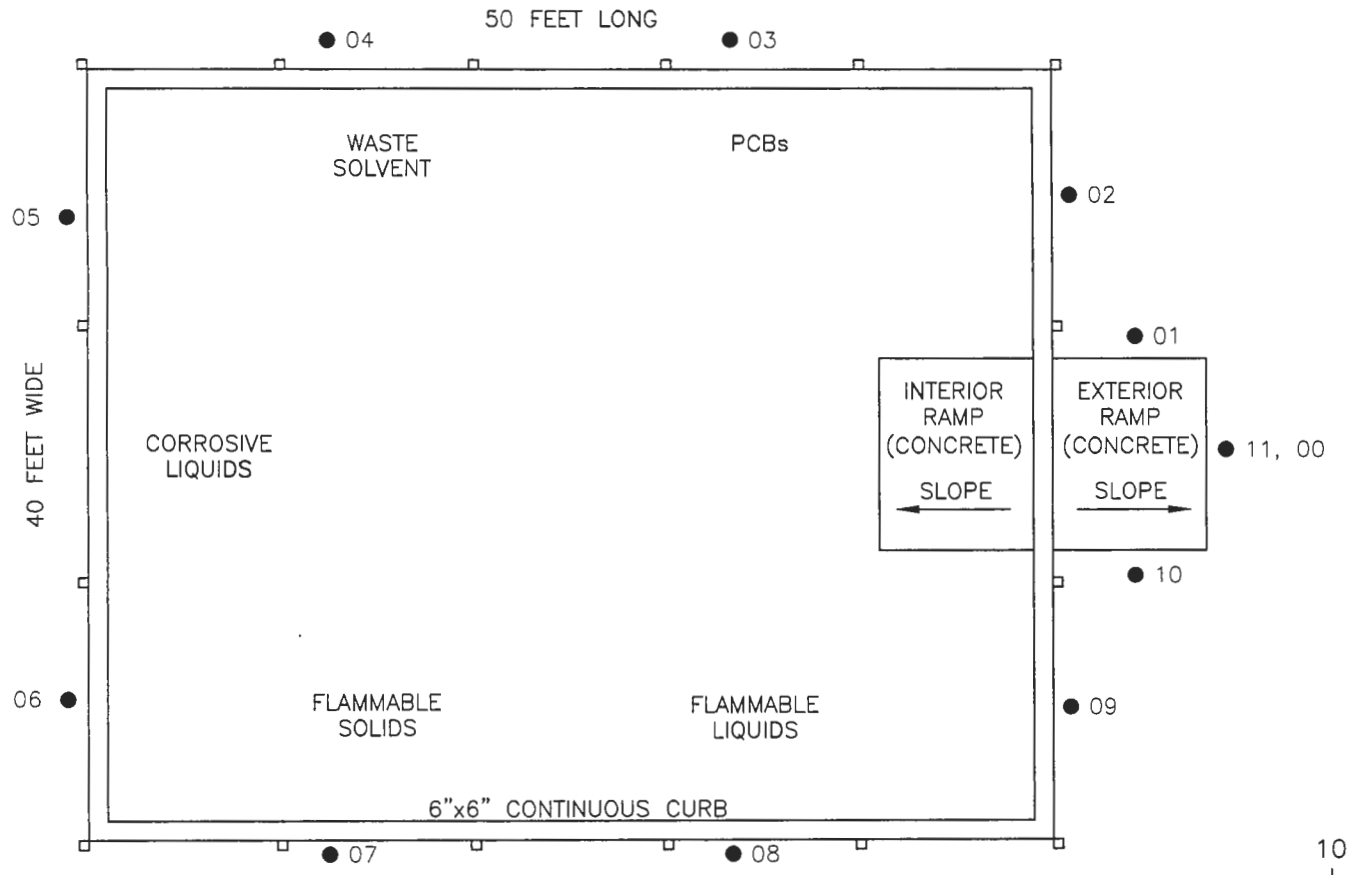

LEGEND

01 SURFACE SOIL SAMPLE LOCATIONS

10 5 0 10 20

SCALE: 1"=10'

FIGURE 2-5

SENECA ARMY DEPOT ACTIVITY
RCRA CLOSURE
BUILDING 307

SOIL SAMPLE LOCATIONS

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

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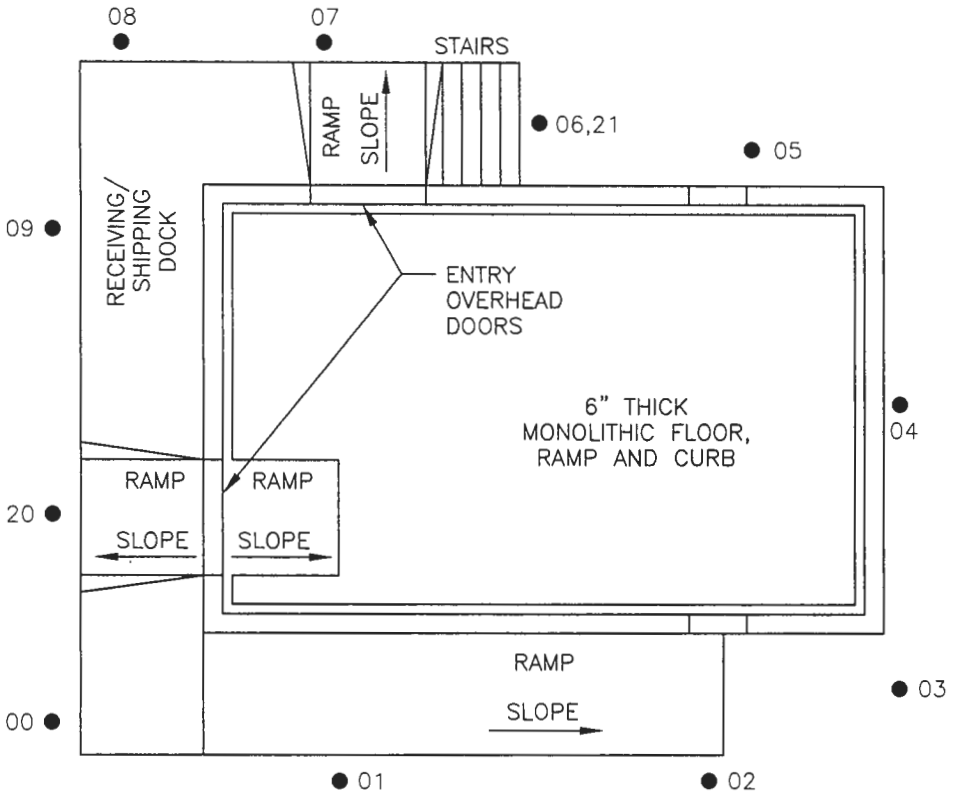

LEGEND

● 01 SURFACE SOIL SAMPLE LOCATIONS

10 5 0 10 20

SCALE: 1"=10'

FIGURE 2-6

SENECA ARMY DEPOT ACTIVITY
RCRA CLOSURE
BUILDING 301

SOIL SAMPLE LOCATIONS

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

P:\743157 Seneca\CAD\43157F05.dwg, 09/04/03 at 08:12, MAB, 1=1
No XREFs

SECTION 3

DATA ANALYSIS

3.1 BUILDING 307

3.1.1 Rinsate Samples

The analytical results from the rinsate sampling were compared to the NYS GWQS. This Standard was used as a guidance to confirm the degree of decontamination achieved.

The only VOC detected at a concentration greater than the Standard was toluene. Sample 4; 8.4 parts per billion (ppb) and sample 18; 6.7 ppb are less than 4 ppb greater than the 5 ppb Standard. Sample EXT2; 17.2 ppb was collected on the concrete ramp leading into the building, however, the other exterior ramp sample (EXT, collected within 4 feet of EXT2 was non-detect for toluene.

There were two SVOC's that had exceedances of the Standard. Bis(2-Ethylhexyl)phthalate exceeded the Standard in samples 49, 58, 64, 77 and the exterior ramp (8.7, 5.9, 5.6, 7.1 and 10.8 ppb). These results are less than 6 ppb greater than the 5 ppb Standard. Pentachlorophenol exceeded the Standard in samples 18 and 90 (8.9 and 5.9 ppb). These results are less than 8 ppb greater than the 1 ppb Standard.

Four metals (arsenic, cadmium, iron and lead) were detected at concentrations greater than the Standard. The maximum values of arsenic and cadmium detected are less than the Groundwater Effluent Limitation (GEL).

Iron, at a maximum of 3,880 ug/L is not a hazardous constituent and therefore not regulated as part of this decontamination effort.

Lead concentrations at a maximum of 165 ug/L are likely due to migration of dust into the building through the open to the environment, passive ventilation system. Even so, the maximum detected concentration is far below the hazardous waste regulated value of 5,000 ug/L.

3.1.2 PCB Samples

No PCBs were detected.

3.1.3 Soil Samples

The analytical results from the soil sampling were compared to NYS TAGM 4046 guidelines. The purpose was to assess whether grounds surrounding the building had been impacted by waste materials from ongoing operations during the life of this building.

Four SVOCs were detected at concentrations greater than TAGM 4046 guidelines. Benzo(a)anthracene exceeded the guideline in samples 1, 2 and 8 (0.402, 0.514 and 0.291 parts per million (ppm)). Benzo(a)pyrene exceeded the guideline in 11 of 12 samples with a

3.2.3 Soil Samples

The analytical results from the soil sampling were compared to NYS TAGM 4046 guidelines. The purpose was to assess whether grounds surrounding the building had been impacted by waste materials from ongoing operations during the life of this building.

There were no VOC exceedances of the TAGM 4046 guidelines.

Thirteen SVOCs were detected at concentrations greater than TAGM 4046 guidelines. Benzo(a)anthracene, benzo(b)pyrene, benzo(b)fluoranthene and chrysene exceeded the guidelines in all 12 samples collected. Benzo(k)fluoranthene, dibenz(a,h)anthracene, dibenzofuran, fluoranthene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, phenol and pyrene exceeded the guidelines with less frequency. SVOC concentrations above TAGM 4046 guidelines are typically seen in industrial areas. Building 301 is situated directly adjacent to a railroad spur (Figure 1). Dust from the railroad operations is the likely source of the SVOC exceedances.

Four metals (cadmium, copper, magnesium and zinc) were detected at concentrations greater than the Senecawide Maximum Background value. However, all three of these metals are non-hazardous by regulatory status. The magnitude of the exceedances is small and is likely due to variations in normal soil background levels.

Lead exceeded the EPA residential standard of 400 ppm in one of twelve sample locations. Sample 7 (1,570 ppm). This level is considered normal for an industrial area.

Chromuim was detected at concentrations marginally greater than Senecawide Maximum Background value in two of twelve locations (three samples total including one duplicate). The detected values are 52.8 and 39.1 ppm. The Senecawide Maximum Background concentration is 32.7 ppm. The magnitude of the exceedance is negligible and is likely due to variations in normal soil background levels.

3.3 CONCLUSIONS

3.3.1 Building 307

- Building 307 is free of all PCB contamination.

- Generally, the decontamination effort removed all visible contamination and produced non-hazardous rinsewater for disposal. Despite the minor exceedances of the GWQS in the confirmatory rinsate samples, it can be concluded that the building is sufficiently decontaminated.

- Soil sample results are in general what might be expected in an industrial setting. It does not appear that waste storage operations caused any impact to the surrounding soils.

3.3.2 Building 301

- Building 307 is free of all PCB contamination.

- Generally, the decontamination effort removed all visible contamination and produced non-hazardous rinsewater for disposal. Despite the minor exceedances of the GWQS in the confirmatory rinsate samples, it can be concluded that the building is sufficiently decontaminated.

- Soil sample results are generally what would be expected in an industrial setting. It does not appear that waste storage operations caused any impact to the surrounding soils.

3.4 RECOMMENDATIONS

- No further decontamination efforts are required. The confirmatory sampling shows a sufficient degree of decontamination was achieved.

- Close SEAD-1 and SEAD-2 with regulatory concurrence.

APPENDIX A

ANALYTICAL RESULTS

Table A-1 Building 307 Rinsate Samples

Table A-2 Building 307 PCB Wipe Samples

Table A-3 Building 301 Rinsate Samples

Table A-4 Building 301 PCB Wipe Samples

Table A-5 Building 301 PCB Chip Samples

Table A-6 Building 307 Soil Samples

Table A-7 Building 301 Soil Samples

Table A-8 Washwater for Disposal

(Tables A-1 through A-8 contain summarized analytical results. Full data reports are included on the attached disk).

SEAD -1 (BLDG 307)
RINSEATE WATER DATA
ALL COMPOUNDS

Location ID								SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1	
Sample Type/Bldg ID/Grid Number								R307-13		R307-13		R307-15		R307-16		R307-18		R307-4		R307-43		R307-47		R307-63		R307-64		R307-65		R307-77		R307-84		R307-90		R307-90		R307-EXTERIOR1		R307-RMP-1		R307-RMP-2		R307-EXTERIOR2	
Sample Type								RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE	
Field Sample ID								15004		15003		15013		15002		15000		15001		15005		15006		15007		15011		15008		15012		15009		015010D		15010		15016		15014		15015		15017	
Sample Date								4/22/2003		4/22/2003		4/23/2003		4/22/2003		4/22/2003		4/22/2003		4/22/2003		4/22/2003		4/22/2003		4/23/2003		4/22/2003		4/23/2003		4/22/2003		4/22/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003	
Sample Designation								DU		SA		SA		SA		SA		SA		SA		SA		SA		SA		SA		SA		SA		DU		SA		SA		SA		SA		SA	
Parameter	**Units**	**Max**	**Det**	**Level**	**Ex**	**Det**	**No.**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
1,1,1-Trichloroethane	UG/L	0	0%	5	0	0	17	1	R	1	R	1	U	1	R	1	R	1	R	1	R	1	R	1	U	1	R	1	U	1	R			1	R	1	U	1	U	1	U	1	U		
1,1,2,2-Tetrachloroethane	UG/L	0	0%	5	0	0	17	1	UJ	1	UJ	1	U	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	U	1	UJ	1	U	1	UJ			1	UJ	1	U	1	U	1	U	1	U		
1,1,2-Trichloroethane	UG/L	0	0%	1	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
1,1-Dichloroethane	UG/L	0	0%	5	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
1,1-Dichloroethene	UG/L	0	0%	5	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
1,2-Dichloroethane	UG/L	0	0%	0.6	0	0	17	1	UJ	1	UJ	1	U	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	U	1	UJ	1	U	1	UJ			1	UJ	1	U	1	U	1	U	1	U		
1,2-Dichloropropane	UG/L	0	0%	1	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Acetone	UG/L	5.6	24%		0	4	17	5	U	5	U	5	U	2.6	J	5.6		3.5	J	5	U	5	U	5	U	5	U	5	U	3.2	J			5	U	5	U	5	U	5	U	5.2			
Benzene	UG/L	0	0%	1	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Bromodichloromethane	UG/L	0	0%		0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Bromoform	UG/L	0	0%		0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Carbon disulfide	UG/L	0	0%		0	0	17	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U			5	U	5	U	5	U	5	U	5	U		
Carbon tetrachloride	UG/L	0	0%	5	0	0	17	1	R	1	R	1	U	1	R	1	R	1	R	1	R	1	R	1	U	1	R	1	U	1	R			1	R	1	U	1	U	1	U	1	U		
Chlorobenzene	UG/L	0	0%	5	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Chlorodibromomethane	UG/L	0	0%		0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Chloroethane	UG/L	0	0%	5	0	0	17	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ			1	UJ	1	U	1	U	1	U	1	U		
Chloroform	UG/L	0	0%	7	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Cis-1,2-Dichloroethene	UG/L	0	0%	5	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Cis-1,3-Dichloropropene	UG/L	0	0%	0.4	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Ethyl benzene	UG/L	0	0%	5	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Methyl bromide	UG/L	0	0%	5	0	0	17	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U			1	U	1	U	1	U	1	U	1	U		
Methyl butyl ketone	UG/L	0	0%		0	0	17	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U			5	U	5	U	5	U	5	U	5	U		
Methyl chloride	UG/L	0	0%	5	0	0	17	1	R	1	R	1	UJ	1	R	1	R	1	R	1	R	1	R	1	R	1	UJ	1	R	1	UJ			1	R	1	U	1	U	1	U	1	U		
Methyl ethyl ketone	UG/L	0	0%		0	0	17	5	UJ	5	UJ	5	U	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	U	5	UJ	5	U			5	UJ	5	U	5	U	5	U	5	U		
Methyl isobutyl ketone	UG/L	0	0%		0	0	17	5	UJ	5	UJ	5	U	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	U	5	UJ	5	U			5	UJ	5	U	5	U	5	U	5	U		
Methylene chloride	UG/L	0	0%	5	0	0	17	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U			5	U	5	U	5	U	5	U	5	U		
Styrene	UG/L	0	0%	5	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	0.42	J		
Tetrachloroethene	UG/L	0	0%	5	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Toluene	UG/L	8.4	18%	5	2	3	17	1	U	1	U	1	U	1	U	6.7		8.4		2.2		1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	17.2			
Total Xylenes	UG/L	0	0%	5	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Trans-1,2-Dichloroethene	UG/L	0	0%	5	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Trans-1,3-Dichloropropene	UG/L	0	0%	0.4	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Trichloroethene	UG/L	0	0%	5	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
Vinyl acetate	UG/L	0	0%		0	0	17	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	U			5	UJ	5	U	5	U	5	U	5	U		
Vinyl chloride	UG/L	0	0%	2	0	0	17	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U		
1,1'-Biphenyl	UG/L	0	0%	5	0	0	17	1	U	1	U	11.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	11	U	1.1	U	9.7	U	1	U			1	U	11.2	U	10.5	U	9.6	U	9.9	U
1,2,4-Trichlorobenzene	UG/L	0	0%	5	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
1,2-Dichlorobenzene	UG/L	0	0%	3	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
1,3-Dichlorobenzene	UG/L	0	0%	3	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
1,4-Dichlorobenzene	UG/L	0	0%	3	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
2,4,5-Trichlorophenol	UG/L	0	0%	1	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
2,4,6-Trichlorophenol	UG/L	0	0%	1	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
2,4-Dichlorophenol	UG/L	0	0%	5	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
2,4-Dimethylphenol	UG/L	0	0%		0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
2,4-Dinitrophenol	UG/L	0	0%		0	0	17	20.4	UJ	20.4	UJ	22.2	U	20.6	UJ	24.4	UJ	20.6	UJ	21.3	UJ	20	UJ	21.5	UJ	22	U	22.2	UJ	19.4	R	20.4	UJ			20.6	UJ	22.5	U	21	U	19.2	U	19.8	U
2,4-Dinitrotoluene	UG/L	0	0%	5	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
2,6-Dinitrotoluene	UG/L	0	0%	5	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
2-Chloronaphthalene	UG/L	0	0%		0	0	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U
2-Chlorophenol	UG/L	0	0%		0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
2-Methylnaphthalene	UG/L	1.6	6%		0	1	17	1	U	1	U	1.1	U	1	U	1.6		1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U
2-Methylphenol	UG/L	0	0%		0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
2-Nitroaniline	UG/L	0	0%	5	0	0	17	10.2	UJ	10.2	UJ	11.1	U	10.3	UJ	12.2	UJ	10.3	UJ	10.6	UJ	10	UJ	10.8	UJ	11	U	11.1	UJ	9.7	U	10.2	UJ			10.3	UJ	11.2	U	10.5	U	9.6	U	9.9	U
2-Nitrophenol	UG/L	0	0%	1	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
3 or 4-Methylphenol	UG/L	0	0%	1	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
3,3'-Dichlorobenzidine	UG/L	0	0%	5	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
3-Nitroaniline	UG/L	0	0%	5	0	0	17	10.2	UJ	10.2	UJ	11.1	U	10.3	UJ	12.2	UJ	10.3	UJ	10.6	UJ	10	UJ	10.8	UJ	11	U	11.1	UJ	9.7	U	10.2	UJ			10.3	UJ	11.2	U	10.5	U	9.6	U	9.9	U
4,6-Dinitro-2-methylphenol	UG/L	0	0%	1	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
4-Bromophenyl phenyl ether	UG/L	0	0%		0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
4-Chloro-3-methylphenol	UG/L	0	0%	1	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
4-Chloroaniline	UG/L	0	0%	5	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
4-Chlorophenyl phenyl ether	UG/L	0	0%		0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
4-Nitroaniline	UG/L	0	0%	5	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
4-Nitrophenol	UG/L	0	0%	1	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
Acenaphthene	UG/L	0	0%		0	0	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U
Acenaphthylene	UG/L	0	0%		0	0	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U
Anthracene	UG/L	0	0%		0	0	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U
Atrazine	UG/L	0	0%	7.5	0	0	17	10.2	R	10.2	R	11.1	U	10.3	R	12.2	R	10.3	R	10.6	R	10	R	10.8	R	11	U	11.1	R	9.7	U	10.2	R			10.3	R	11.2	U	10.5	U	9.6	U	9.9	U
Benzaldehyde	UG/L	3	18%		0	3	17	10.2	U	10.2	U	11.1	U	0.84	J	3	J	10.3	U	0.83	J	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
Benzo(a)anthracene	UG/L	0	0%		0	0	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U
Benzo(a)pyrene	UG/L	0	0%	0	0	0	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U
Benzo(b)fluoranthene	UG/L	1	6%		0	1	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U
Benzo(ghi)perylene	UG/L	0	0%		0	0	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U
Benzo(k)fluoranthene	UG/L	0	0%		0	0	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U
Bis(2-Chloroethoxy)methane	UG/L	0	0%	5	0	0	17	10.2	U	10.2	U	11.1	UJ	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	UJ	11.1	U	9.7	UJ	10.2	U			10.3	U	11.2	UJ	10.5	UJ	9.6	UJ	9.9	UJ
Bis(2-Chloroethyl)ether	UG/L	0	0%	1	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
Bis(2-Chloroisopropyl)ether	UG/L	0	0%	5	0	0	17	10.2	U	10.2	U	11.1	UJ	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	UJ	11.1	U	9.7	UJ	10.2	U			10.3	U	11.2	UJ	10.5	UJ	9.6	UJ	9.9	UJ
Bis(2-Ethylhexyl)phthalate	UG/L	10.8	29%	5	5	5	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	4.5	U	10.8	U	5.6	J	11.1	U	7.1	J	10.2	U			4.6	U	10.8	J	8.7	J	5.9	J	3.6	J
Butylbenzylphthalate	UG/L	2.3	41%		0	7	17	10.2	U	1.2	J	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	0.95	J	10.8	U	1.1	J	11.1	U	1.1	J	10.2	U			10.3	U	0.79	J	2.3	J	2	J	9.9	U
Carbazole	UG/L	1.7	6%		0	1	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	1.7	J	10.5	U	9.6	U	9.9	U
Chrysene	UG/L	0	0%		0	0	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U
Di-n-butylphthalate	UG/L	1.4	24%	50	0	4	17	10.2	U	10.2	U	1.2	J	10.3	U	12.2	U	10.3	U	3.9	U	1.5	U	3.4	U	1.4	J	3.2	U	1.3	J	5.4	U			1.2	U	11.2	U	10.5	U	1.3	J	9.9	U
Di-n-octylphthalate	UG/L	0	0%		0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U
Dibenz(a,h)anthracene	UG/L	0	0%		0	0	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U

SEAD -1 (BLDG 307)
RINSEATE WATER DATA
ALL COMPOUNDS

Location ID								SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1	
Sample Type/Bldg ID/Grid Number								R307-13		R307-13		R307-15		R307-16		R307-18		R307-4		R307-43		R307-47		R307-63		R307-64		R307-65		R307-77		R307-84		R307-90		R307-90		R307-EXTERIOR1		R307-RMP-1		R307-RMP-2		R307-EXTERIOR2	
Sample Type								RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE	
Field Sample ID								15004		15003		15013		15002		15000		15001		15005		15006		15007		15011		15008		15012		15009		015010D		15010		15016		15014		15015		15017	
Sample Date								4/22/2003		4/22/2003		4/23/2003		4/22/2003		4/22/2003		4/22/2003		4/22/2003		4/22/2003		4/22/2003		4/23/2003		4/22/2003		4/23/2003		4/22/2003		DU		4/22/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003	
Sample Designation								DU		SA		SA		SA		SA		SA		SA		SA		SA		SA		SA		SA		SA		DU		SA		SA		SA		SA		SA	
Parameter	**Units**	**Max**	**Det**	**Level**	**Ex**	**Det**	**No.**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Dibenzofuran	UG/L	0	0%		0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U		
Diethyl phthalate	UG/L	2.4	47%		0	8	17	1.2	J	1.3	J	11.1	U	1.2	J	2.4	J	1.1	J	1	J	10	U	0.99	J	11	U	11.1	U	9.7	U	1.1	J			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U		
Dimethylphthalate	UG/L	0	0%		0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U		
Diphenylamine	UG/L	0	0%	5	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U		
Fluoranthene	UG/L	1.4	6%		0	1	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.4		1	U	0.96	U	0.99	U		
Fluorene	UG/L	0	0%		0	0	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U		
Hexachlorobenzene	UG/L	0	0%	0.04	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U		
Hexachlorobutadiene	UG/L	0	0%	0.5	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U		
Hexachlorocyclopentadiene	UG/L	0	0%	5	0	0	17	10.2	U	10.2	U	11.1	UJ	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	UJ	11.1	U	9.7	UJ	10.2	U			10.3	U	11.2	UJ	10.5	UJ	9.6	UJ	9.9	UJ		
Hexachloroethane	UG/L	0	0%	5	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U		
Indeno(1,2,3-cd)pyrene	UG/L	0	0%		0	0	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U		
Isophorone	UG/L	0	0%		0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U		
N-Nitrosodipropylamine	UG/L	0	0%		0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U		
Naphthalene	UG/L	0	0%		0	0	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	U	1	U	0.96	U	0.99	U		
Nitrobenzene	UG/L	0	0%	0.4	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	U	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U		
Pentachlorophenol	UG/L	8.9	12%	1	2	2	17	10.2	U	10.2	U	11.1	U	10.3	U	8.9	NJ	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			5.9	J	11.2	U	10.5	U	9.6	U	9.9	U		
Phenanthrene	UG/L	1.1	12%		0	2	17	1	U	1	U	1.1	U	1	U	0.67	NJ	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1.1	J	1	U	0.96	U	0.99	U		
Phenol	UG/L	0	0%	1	0	0	17	10.2	U	10.2	U	11.1	U	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	U	11.1	U	9.7	R	10.2	U			10.3	U	11.2	U	10.5	U	9.6	U	9.9	U		
Pyrene	UG/L	1	6%		0	1	17	1	U	1	U	1.1	U	1	U	1.2	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	0.97	U	1	U			1	U	1	J	1	U	0.96	U	0.99	U		
alpha-Terpineol	UG/L	0	0%		0	0	17	10.2	U	10.2	U	11.1	UJ	10.3	U	12.2	U	10.3	U	10.6	U	10	U	10.8	U	11	UJ	11.1	U	9.7	U	10.2	U			10.3	U	11.2	UJ	10.5	UJ	9.6	UJ	9.9	UJ		
Aluminum	UG/L	3000	89%		0	16	18	2760		1320		416		747		1410		427		36.4	U	246		188		3000		32.2	U	36.2	J	1040		662		684		1730		1170		1230		654			
Antimony	UG/L	0	0%	3	0	0	18	9.68	U	5.31	U	6.81	U	3.63	U	4.3	U	4.41	U	2.73	U	2.8	U	2.7	U	6.81	U	3.15	U	6.81	U	3.29	U	2.54	U	3.3	U	6.81	U	6.81	U	6.81	U	6.81	U		
Arsenic	UG/L	30.1	83%	25	5	15	18	27.3		14.1		7.26		10.8		26.4		9.59		1.82	U	6.19		5.5		16.9		3.32	J	4.1	U	26.3		29.4		30.1		4.1	U	5.02		8.75		4.1	U		
Barium	UG/L	107	72%	1000	0	13	18	45.2	U	25.7	U	87.1		82.3	J	44.9	U	25.4	U	64.4	J	64.9	J	107	J	87.5		100	J	68.8		33.2	U	84.2	J	85.4	J	36.4		24.9		61.8		66			
Beryllium	UG/L	0.145	6%		0	1	18	0.145	J	0.118	U	0.133	U	0.118	U	0.118	U	0.118	U	0.118	U	0.118	U	0.118	U	0.133	U	0.118	U	0.133	U	0.118	U	0.118	U	0.118	U	0.133	U	0.133	U	0.133	U	0.133	U		
Boron	UG/L	891	72%	1000	0	13	18	92	J	51.1	J	79		53	J	45.7	U	27.1	U	891		42	U	54.6	J	37.5		34.1	U	16.5	J	19.2	U	121		123		15	J	11.4	J	36.1		16.7	J		
Cadmium	UG/L	7.18	94%	5	2	17	18	4.16		2.05		0.808	J	1.57		7.18		1.27	J	0.507	J	1.32	J	1.04	J	5.76		0.471	J	0.807	U	2.03		3.39		3.25		0.877	J	1.3	J	2.79	J	0.807	U		
Calcium	UG/L	57800	94%		0	17	18	29800	J	18800	J	32800		35300	J	38800	J	13600	U	18900	J	29400	J	26900	J	57800		23500	J	24000		23200	J	43800	J	44200	J	30700		35300		28300		130000			
Chromium	UG/L	29.2	89%	50	0	16	18	29.2		14.3		7.13		7.12		20.8		8.71		1.15	J	2.46	J	1.99	J	29.2		0.987	U	1.37	U	22.4		18.1		19.2		12.8		9.19		11.6		1.37	U		
Cobalt	UG/L	2.09	6%		0	1	18	1.5	U	0.535	U	1.88	U	1.17	U	1.39	U	0.352	U	0.541	U	0.466	U	1.11	U	2.09	J	1.02	U	1.88	U	0.724	U	1.03	U	1.02	U	1.88	U	1.88	U	1.88	U	1.88	U		
Copper	UG/L	51.7	83%	200	0	15	18	34.8		16.9		10.8		16		32.9		12.8		4.23	U	7.12	J	5.59	J	32		2.49	U	3.91	U	21.7		50.7		51.7		16.4		26.3		19.5		7.48			
Iron	UG/L	3880	89%	300	13	16	18	3830		1740		453		1640		3190		843		56.8	U	285		278		3880		35	U	82		1890		736		767		2450		2390		1760		1270			
Lead	UG/L	165	94%	25	13	17	18	165		88.2		27.4		42.7		116		73.1		4.51	J	15.5		12.1		118		2.9	U	10.1		64.9		124		125		106		31.6		115		16.9			
Magnesium	UG/L	6510	94%		0	17	18	3710	J	2200	J	3370		4490	J	4730	J	1720	U	2010	J	2820	J	3010	J	6230		2660	J	2490		2530	J	2900	J	2970	J	6510		4970		3410		9940			
Manganese	UG/L	103	100%	300	0	18	18	88.1		44.1	J	37.9		50.5	J	93.2		28	J	14.1	J	25.4	J	30.2	J	103		21.2	J	16.1		50.8	J	71.9		73.2		101		89.9		68.5		193			
Mercury	UG/L	0.166	6%	0.7	0	1	18	0.052	U	0.052	U	0.052	U	0.052	U	0.166	J	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U		
Molybdenum	UG/L	0	0%		0	0	18	0.705	U	0.635	U	1.7	U	1.22	U	0.838	U	0.634	U	0.71	U	0.703	U	0.634	U	1.7	U	0.857	U	1.7	U	0.884	U	0.634	U	0.634	U	1.7	U	1.7	U	1.7	U	1.7	U		
Nickel	UG/L	14.6	67%	100	0	12	18	9.13	J	4.68	U	5.78		7.79	J	8.45	J	3.91	U	4.16	U	4.39	U	6.18	J	14.6		5.48	J	4.95	J	5.58	J	4.35	U	4.48	U	5.43		5.11		6.06		5.11			
Phosphorous	UG/L	1120	83%		0	15	18	420		228	J	154		152	J	404		143	J	56.9	U	136	J	97.2	U	405		56.7	U	97.7		167	J	1100		1120		176		172		210		120			
Potassium	UG/L	7120	100%		0	18	18	7120	J	3640	J	3550		5000	J	6100	J	4590	J	2370	J	2950	J	2570	J	4420		2350	J	1920		3070	J	3460	J	3540	J	1600		1590		1620		2170			
Selenium	UG/L	6.22	39%	10	0	7	18	3.3	U	3.52	J	4.2	U	3.3	U	5		3.3	U	3.36	U	3.3	U	6.22		4.2	U	3.3	U	4.2	U	3.3	U	5.96		6.14		4.2	U	4.52	J	4.2	U	4.2	U		
Silica	UG/L	16200	94%		0	17	18	12000	J	6290	J	8030		8760	J	7120	J	3190	U	4960	J	5930	J	8490	J	16200		7860	J	5410		5810	J	14000	J	14300	J	8180		5740		10400		7580			
Silicon	UG/L	7550	94%		0	17	18	5510	J	2910	J	3760		3970	J	3350	J	1480	U	2310	J	2820	J	3860	J	7550		3590	J	2530		2710	J	6460	J	6520	J	3820		2680		4860		3550			
Silver	UG/L	0	0%	50	0	0	18	0.288	U	0.288	U	2.5	U	0.288	U	0.288	U	0.288	U	0.288	U	0.288	U	0.288	U	2.5	U	0.288	U	2.5	U	0.288	U	0.288	U	0.288	U	2.5	U	2.5	U	2.5	U	2.5	U		
Sodium	UG/L	17800	78%	20000	0	14	18	7030	U	3920	U	13700		14600	J	11300	J	5380	U	12100	J	13100	J	12400	J	15100		12500	J	12700		6570	U	17700	J	17800	J	4850		4340		6360		12400			
Strontium	UG/L	259	78%		0	14	18	82.2	U	50.5	U	157		154	J	110	J	63.1	U	114	J	110	J	199	J	142		190	J	112		57.5	U	257	J	259	J	65.2		50.7		138		185			
Sulfur	UG/L	17200	72%		0	13	18	8690	U	5040	U	15500		17200	J	11500	U	6900	U	12600	J	15500	J	16000	J	15900		15900	J	14200		7200	U	14000	J	14200	J	4750		4230		6870		13200			
Thallium	UG/L	40.6	33%		0	6	18	40.6	J	18	U	6.27	U	28.4	J	35.9	J	27.2	J	13.1	U	15.5	U	13.2	U	6.27	U	13.5	U	6.27	U	18.5	U	21	J	21.2	J	6.27	U	6.27	U	6.27	U	6.27	U		
Tin	UG/L	0	0%		0	0	18	1.21	U	1.21	U	3.75	U	6.04	U	1.21	U	1.21	U	1.21	U	6.04	U	6.04	U	3.75	U	1.21	U	3.75	U	1.21	U	1.21	U	1.21	U	3.75	U	3.75	U	3.75	U	3.75	U		
Titanium	UG/L	57.2	106%		0	18	17	57.2		30.5		11.1		20.7		25.5		11	E	0.411	J	4.22		3.14		47.8		0.156	UE	0.836	J	21.3	E	11.6		11.5	E	40.6		22.3		22.4		11.2			
Uranium	UG/L	0	0%		0	0	18	16.3	U	14.2	U	4.98	U	17.5	U	18.4	U	12.6	U	13.2	U	18.1	U	14.3	U	4.98	U	15.5	U	4.98	U	13.5	U	18.4	U	18.3	U	4.98	U	4.98	U	4.98	U	4.98	U		
Vanadium	UG/L	9.81	33%		0	6	18	9.81		4.8	U	3.12	U	3.01	U	7.25		2.35	U	0.746	U	1.59	U	1.31	U	9.43		0.819	U	3.12	U	3.71	U	2.82	U	2.92	U	6		3.9	J	4.09	J	3.48	J		
Zinc	UG/L	4240	100%		0	18	18	2060		1070		690		490		1920		785		73.8		619		276		1300		96.2		114		860		4220	J	4240	J	4070		1270		1100		682			

NOTES:

SA = Sample
DU = Duplicate
Maximum = Maximum Detected Value
Freq = Frequency of Detection
Level = Action Level or Cleanup Criteria
Ex = Number of Exceedances of the Action Level
Det = Number of Detections

NOTES:

Q = Data Qualifier
U = Undetected
J = Estimated

SEAD-1 (BLDG 307)
INTERIOR SURFACES
PCB WIPE SAMPLE DATA

TABLE A-2

Location ID			SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1	
Sample Number			W307-00		W307-01		W307-02		W307-03		W307-04		W307-05		W307-06	
Sample Type			WIPE		WIPE		WIPE		WIPE		WIPE		WIPE		WIPE	
Field Sample ID			16000		16001		16002		16003		16004		16005		16006	
Sample Date			4/21/2003		4/21/2003		4/21/2003		4/21/2003		4/21/2003		4/21/2003		4/21/2003	
Sample Designation			SA		SA		SA		SA		SA		SA		SA	
Parameter	**Units**	**Action Level**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Aroclor-1016	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1221	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1232	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1242	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1248	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1254	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1260	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

NOTES:
SA = Sample
FB = Field Blank
Q = Data Qualifier
U = Undetected

SEAD-1 (BLDG 307)
INTERIOR SURFACES
PCB WIPE SAMPLE DATA

TABLE A-2

Location ID			SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1	
Sample Number			W307-07		W307-08		W307-09		W307-10		W307-11		W307-12		W307-13	
Sample Type			WIPE		WIPE		WIPE		WIPE		WIPE		WIPE		WIPE	
Field Sample ID			16007		16008		16009		16010		16011		16012		16013	
Sample Date			4/21/2003		4/21/2003		4/21/2003		4/21/2003		4/21/2003		4/21/2003		4/21/2003	
Sample Designation			SA		SA		SA		SA		SA		SA		SA	
Parameter	**Units**	**Action Level**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Aroclor-1016	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1221	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1232	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1242	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1248	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1254	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1260	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

NOTES:
SA = Sample
FB = Field Blank
Q = Data Qualifier
U = Undetected

SEAD-1 (BLDG 307)
INTERIOR SURFACES
PCB WIPE SAMPLE DATA

TABLE A-2

Location ID			SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1	
Sample Number			W307-14		W307-15		W307-16		W307-17		W307-18		W307-19		W307-20	
Sample Type			WIPE		WIPE		WIPE		WIPE		WIPE		WIPE		WIPE	
Field Sample ID			16014		16015		16016		16017		16018		16019		16020	
Sample Date			4/21/2003		4/21/2003		4/21/2003		4/21/2003		4/21/2003		4/21/2003		4/21/2003	
Sample Designation			SA		SA		SA		SA		SA		SA		SA	
Parameter	**Units**	**Action Level**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Aroclor-1016	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1221	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1232	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1242	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1248	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1254	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1260	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

NOTES:
SA = Sample
FB = Field Blank
Q = Data Qualifier
U = Undetected

SEAD-1 (BLDG 307)
INTERIOR SURFACES
PCB WIPE SAMPLE DATA

Location ID			SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1	
Sample Number			W307-21		W307-22		W307-23		W307-24		W307-25		W307-26		W307-27	
Sample Type			WIPE		WIPE		WIPE		WIPE		WIPE		WIPE		WIPE	
Field Sample ID			16021		16022		16023		16024		16025		16026		16027	
Sample Date			4/21/2003		4/21/2003		4/21/2003		4/21/2003		4/22/2003		4/22/2003		4/22/2003	
Sample Designation			SA		SA		SA		SA		SA		SA		SA	
Parameter	**Units**	**Action Level**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Aroclor-1016	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1221	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1232	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1242	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1248	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1254	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1260	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

NOTES:
SA = Sample
FB = Field Blank
Q = Data Qualifier
U = Undetected

SEAD-1 (BLDG 307)
INTERIOR SURFACES
PCB WIPE SAMPLE DATA

Location ID			SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1	
Sample Number			W307-28		W307-29		W307-30		W307-31		W307-32		W307-33		W307-34	
Sample Type			WIPE		WIPE		WIPE		WIPE		WIPE		WIPE		WIPE	
Field Sample ID			16028		16029		16030		16031		16032		16033		16034	
Sample Date			4/22/2003		4/22/2003		4/22/2003		4/22/2003		4/22/2003		4/22/2003		4/22/2003	
Sample Designation			SA		SA		SA		SA		SA		SA		SA	
Parameter	**Units**	**Action Level**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Aroclor-1016	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Aroclor-1221	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Aroclor-1232	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Aroclor-1242	UG/Filter	10	0.1	U	0.1	U	0.96	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Aroclor-1248	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Aroclor-1254	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Aroclor-1260	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ

NOTES:
SA = Sample
FB = Field Blank
Q = Data Qualifier
U = Undetected

SEAD-1 (BLDG 307)
INTERIOR SURFACES
PCB WIPE SAMPLE DATA

TABLE A-2

Location ID			SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1	
Sample Number			W307-35		W307-36		W307-37		W307-38		W307-39		W307-40		W307-41	
Sample Type			WIPE		WIPE		WIPE		WIPE		WIPE		WIPE		WIPE	
Field Sample ID			16035		16036		16037		16038		16039		16040		16041	
Sample Date			4/22/2003		4/22/2003		4/22/2003		4/22/2003		4/22/2003		4/23/2003		4/23/2003	
Sample Designation			SA		SA		SA		SA		SA		SA		SA	
Parameter	**Units**	**Action Level**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Aroclor-1016	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1221	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1232	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1242	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1248	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1254	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1260	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

NOTES:
SA = Sample
FB = Field Blank
Q = Data Qualifier
U = Undetected

SEAD-1 (BLDG 307)
INTERIOR SURFACES
PCB WIPE SAMPLE DATA

Location ID			SEAD-1		SEAD-1		SEAD-1		SEAD-1	
Sample Number			W307-42		W307-RB		W307-RB		W307-RB	
Sample Type			WIPE		WIPE		WIPE		WIPE	
Field Sample ID			16042		16043		16044		16045	
Sample Date			4/23/2003		4/21/2003		4/22/2003		4/22/2003	
Sample Designation			SA		FB		FB		FB	
Parameter	**Units**	**Action Level**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Aroclor-1016	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1221	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1232	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1242	UG/Filter	10	0.1	U	0.1	U	2.4	U	0.1	U
Aroclor-1248	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1254	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1260	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U

NOTES:
SA = Sample
FB = Field Blank
Q = Data Qualifier
U = Undetected

SEAD- 2 (BLDG 301)
RINSEATE SAMPLE DATA
ALL COMPOUNDS

Location ID								SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2	
Sample Type/Bldg ID/Grid Number								R301-1		R301-13		R301-28		R301-30		R301-4		R301-42		R301-43		R301-47		R301-47		R301-63		R301-65		R301-68		R301-73		R301-84		R301-90		R301-93	
Sample Type								RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE	
Field Sample ID								25011		25014		25000		25013		25015		25008		25007		25003		25002		25006		25004		25001		25005		25009		25010		25012	
Sample Date								4/24/2003		4/24/2003		4/23/2003		4/24/2003		4/24/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003		4/24/2003		4/24/2003		4/24/2003	
Sample Designation								SA		SA		SA		SA		SA		SA		SA		DU		SA		SA		SA		SA		SA		SA		SA	
Parameter	**Units**	**Max**	**Freq**	**Level**	**Ex**	**Det**	**No.**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
1,1,1-Trichloroethane	UG/L	0	0%	5	0	0	16	1	UJ	1	UJ	1	U	1	UJ	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	UJ	1	UJ	1	UJ
1,1,2,2-Tetrachloroethane	UG/L	0	0%	5	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	UG/L	0	0%	1	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	UG/L	0	0%	5	0	0	16	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	UG/L	0	0%	5	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	UG/L	0	0%	0.6	0	0	16	1	UJ	1	U	1	U	1	UJ	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	UJ	1	UJ	1	UJ
1,2-Dichloropropane	UG/L	0	0%	1	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Acetone	UG/L	3.4	13%		0	2	16	5	U	5	U	5	U	3.4	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	3	J	5	U	5	U
Benzene	UG/L	0	0%	1	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	UG/L	0	0%		0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	UG/L	0	0%		0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Carbon disulfide	UG/L	0	0%		0	0	16	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbon tetrachloride	UG/L	0	0%	5	0	0	16	1	UJ	1	UJ	1	U	1	UJ	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	UJ	1	UJ	1	UJ
Chlorobenzene	UG/L	0	0%	5	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chlorodibromomethane	UG/L	0	0%		0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroethane	UG/L	0	0%	5	0	0	16	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	U	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
Chloroform	UG/L	0	0%	7	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Cis-1,2-Dichloroethene	UG/L	0	0%	5	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Cis-1,3-Dichloropropene	UG/L	0	0%	0.4	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Ethyl benzene	UG/L	0	0%	5	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Methyl bromide	UG/L	0	0%	5	0	0	16	1	U	1	U	1	UJ	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	UJ	1	UJ	1	UJ	1	U	1	U	1	U	1	U	1	U
Methyl butyl ketone	UG/L	0	0%		0	0	16	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methyl chloride	UG/L	0	0%	5	0	0	16	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
Methyl ethyl ketone	UG/L	0	0%		0	0	16	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methyl isobutyl ketone	UG/L	0	0%		0	0	16	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylene chloride	UG/L	0	0%	5	0	0	16	5	U	5	U	5	UJ	5	U	5	U	5	UJ	5	U	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	U	5	U	5	U	5	U	5	U
Styrene	UG/L	0	0%	5	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	UG/L	0	0%	5	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Toluene	UG/L	1.3	6%	5	0	1	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1.3		1	U	1	U	1	U	1	U	1	U	1	U
Total Xylenes	UG/L	0	0%	5	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	UG/L	0	0%	5	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	UG/L	0	0%	0.4	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene	UG/L	0	0%	5	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Vinyl acetate	UG/L	0	0%		0	0	16	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	U	5	U	5	U	5	U	5	U
Vinyl chloride	UG/L	0	0%	2	0	0	16	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1'-Biphenyl	UG/L	7.7	23%	5	1	3	13	44.4	U	2.2	J	10.8	U	10.9	U	0.51	J	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							7.7	J		
1,2,4-Trichlorobenzene	UG/L	0	0%	5	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
1,2-Dichlorobenzene	UG/L	0	0%	3	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
1,3-Dichlorobenzene	UG/L	0	0%	3	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
1,4-Dichlorobenzene	UG/L	0	0%	3	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
2,4,5-Trichlorophenol	UG/L	0	0%	1	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
2,4,6-Trichlorophenol	UG/L	0	0%	1	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
2,4-Dichlorophenol	UG/L	0	0%	5	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
2,4-Dimethylphenol	UG/L	1.9	8%		0	1	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							1.9	J		
2,4-Dinitrophenol	UG/L	0	0%		0	0	13	88.9	U	80	U	21.5	U	21.7	U	19.8	U	22.2	U	20	U	21.5	U	20.2	U	21.5	U	22.2	U	22	U							81.6	U		
2,4-Dinitrotoluene	UG/L	0	0%	5	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
2,6-Dinitrotoluene	UG/L	0	0%	5	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
2-Chloronaphthalene	UG/L	0	0%		0	0	13	4.4	U	4	U	1.1	U	1.1	U	0.99	U	1.1	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U							4.1	U		
2-Chlorophenol	UG/L	0	0%		0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
2-Methylnaphthalene	UG/L	37	38%		0	5	13	4.4	U	9.2		1.1	U	0.55	J	2		1.1	U	1.5		1.1	U	1	U	1.1	U	1.1	U	1.1	U							37			
2-Methylphenol	UG/L	2	8%		0	1	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							2	J		
2-Nitroaniline	UG/L	0	0%	5	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
2-Nitrophenol	UG/L	0	0%	1	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
3 or 4-Methylphenol	UG/L	3.4	8%	1	1	1	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							3.4	J		
3,3'-Dichlorobenzidine	UG/L	0	0%	5	0	0	13	44.4	UJ	40	UJ	10.8	U	10.9	UJ	9.9	UJ	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	UJ		
3-Nitroaniline	UG/L	0	0%	5	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
4,6-Dinitro-2-methylphenol	UG/L	0	0%	1	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
4-Bromophenyl phenyl ether	UG/L	0	0%		0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
4-Chloro-3-methylphenol	UG/L	0	0%	1	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
4-Chloroaniline	UG/L	0	0%	5	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
4-Chlorophenyl phenyl ether	UG/L	0	0%		0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
4-Nitroaniline	UG/L	0	0%	5	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
4-Nitrophenol	UG/L	0	0%	1	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
Acenaphthene	UG/L	51.7	46%		0	6	13	4.4	U	11.7		1.1	U	0.74	J	2.2		1.1	U	1.6		1.1	U	1	U	0.67	J	1.1	U	1.1	U							51.7			
Acenaphthylene	UG/L	0	0%		0	0	13	4.4	U	4	U	1.1	U	1.1	U	0.99	U	1.1	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U							4.1	U		
Anthracene	UG/L	78.4	54%		0	7	13	2.4	J	19.5		1.1	U	1.3		3.7		1.1	U	3.5		1.1	U	1	U	1.4		1.1	U	1.1	U							78.4			
Atrazine	UG/L	0	0%	7.5	0	0	13	44.4	R	40	R	10.8	U	10.9	R	9.9	R	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	R		
Benzaldehyde	UG/L	0	0%		0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
Benzo(a)anthracene	UG/L	146	62%		0	8	13	6.5	NJ	42.7		1.5		1.1	U	6		0.99	J	5.6		1.1	U	1	U	3		1.1	U	1.1	U							146			
Benzo(a)pyrene	UG/L	116	69%	0	0	9	13	5.8		34.2		1	J	2.2		5.5		0.65	J	4.4		1.1	U	1	U	2.4		1.1	U	1.1	U							116			
Benzo(b)fluoranthene	UG/L	148	54%		0	7	13	4.4	U	45.3		1.8		1.1	U	9.3		1.1	J	5.3		1.1	U	1	U	3.2		1.1	U	1.1	U							148			
Benzo(ghi)perylene	UG/L	54.2	38%		0	5	13	4.4	U	16.5		1.1	U	1.1	U	2.4		1.1	U	1.7		1.1	U	1	U	0.91	J	1.1	U	1.1	U							54.2			
Benzo(k)fluoranthene	UG/L	2.6	15%		0	2	13	4.4	U	4	U	1.1	U	1.1	U	0.99	U	1.1	U	2.6		1.1	U	1	U	1.8		1.1	U	1.1	U							4.1	U		
Bis(2-Chloroethoxy)methane	UG/L	0	0%	5	0	0	13	44.4	U	40	U	10.8	UJ	10.9	U	9.9	U	11.1	UJ	10	UJ	10.8	UJ	10.1	UJ	10.8	UJ	11.1	UJ	11	UJ							40.8	U		
Bis(2-Chloroethyl)ether	UG/L	0	0%	1	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
Bis(2-Chloroisopropyl)ether	UG/L	0	0%	5	0	0	13	44.4	U	40	U	10.8	UJ	10.9	U	9.9	U	11.1	UJ	10	UJ	10.8	UJ	10.1	UJ	10.8	UJ	11.1	UJ	11	UJ							40.8	U		
Bis(2-Ethylhexyl)phthalate	UG/L	12.7	46%	5	2	6	13	6.8	U	40	U	3.3	J	5.4	U	4.2	U	4.4	J	**12.7**		10.8	U	1.4	J	**9.5**	J	2.1	J	11	U							40.8	U		
Butylbenzylphthalate	UG/L	1.3	23%		0	3	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	0.85	J	1.3	J	10.8	U	10.1	U	1.3	J	11.1	U	11	U							40.8	U		
Carbazole	UG/L	52.6	69%		0	9	13	2.4	J	15.2	J	1.8	J	1.2	J	2.4	J	1.8	J	3.3	J	10.8	U	10.1	U	2.4	J	11.1	U	11	U							52.6			
Chrysene	UG/L	125	69%		0	9	13	6.5		39.6		1.1		2.5		6.4		0.72	J	4.9		1.1	U	1	U	3.3		1.1	U	1.1	U							125			
Di-n-butylphthalate	UG/L	2.4	54%	50	0	7	13	44.4	U	40	U	1.3	J	3.1	U	9.9	U	1.4	J	1.4	J	1.2	J	10.1	U	2.4	J	1.5	J	1.6	J							40.8	U		
Di-n-octylphthalate	UG/L	0	0%		0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U							40.8	U		
Dibenz(a,h)anthracene	UG/L	0	0%		0	0	13	4.4	U	4	U	1.1	U	1.1	U	0.99	U	1.1	U	1	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U							4.1	U		
Dibenzofuran	UG/L	51.8	46%		0	6	13	44.4	U	12.8	J	10.8	U	0.97	J	2.8	J	11.1	U	2	J	10.8	U	10.1	U	0.83	J	11.1	U	11	U							51.8			

SEAD- 2 (BLDG 301)
RINSEATE SAMPLE DATA
ALL COMPOUNDS

Location ID								SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2	
Sample Type/Bldg ID/Grid Number								R301-1		R301-13		R301-28		R301-30		R301-4		R301-42		R301-43		R301-47		R301-47		R301-63		R301-65		R301-68		R301-73		R301-84		R301-90		R301-93	
Sample Type								RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE		RINSEATE	
Field Sample ID								25011		25014		25000		25013		25015		25008		25007		25003		25002		25006		25004		25001		25005		25009		25010		25012	
Sample Date								4/24/2003		4/24/2003		4/23/2003		4/24/2003		4/24/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003		4/23/2003		4/24/2003		4/24/2003		4/24/2003	
Sample Designation								SA		SA		SA		SA		SA		SA		SA		DU		SA		SA		SA		SA		SA		SA		SA	
Parameter	**Units**	**Max**	**Freq**	**Level**	**Ex**	**Det**	**No.**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Diethyl phthalate	UG/L	0	0%		0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U					40.8	U		
Dimethylphthalate	UG/L	0	0%		0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U					40.8	U		
Diphenylamine	UG/L	0	0%	5	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U					40.8	U		
Fluoranthene	UG/L	258	77%		0	10	13	12.7		80.8		2.6		6.1		14.1		1.8		12		1.1	U	1	U	7.1		1.1	U	0.87	J					258			
Fluorene	UG/L	62.1	46%		0	6	13	4.4	U	16.1		1.1	U	0.89	J	3.4		1.1	U	3.1		1.1	U	1	U	0.92	J	1.1	U	1.1	U					62.1			
Hexachlorobenzene	UG/L	0	0%	0.04	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U					40.8	U		
Hexachlorobutadiene	UG/L	0	0%	0.5	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U					40.8	U		
Hexachlorocyclopentadiene	UG/L	0	0%	5	0	0	13	44.4	U	40	U	10.8	UJ	10.9	U	9.9	U	11.1	UJ	10	UJ	10.8	UJ	10.1	UJ	10.8	UJ	11.1	UJ	11	UJ					40.8	U		
Hexachloroethane	UG/L	0	0%	5	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U					40.8	U		
Indeno(1,2,3-cd)pyrene	UG/L	55.2	46%		0	6	13	2.9	J	16.7		1.1	U	1.1	U	2.4		1.1	U	1.8		1.1	U	1	U	1	J	1.1	U	1.1	U					55.2			
Isophorone	UG/L	0	0%		0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U					40.8	U		
N-Nitrosodipropylamine	UG/L	0	0%		0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U					40.8	U		
Naphthalene	UG/L	102	69%		0	9	13	4.4	U	24.6		0.46	J	1.6		5.4		0.37	J	4.5		0.15	J	1	U	1.5		1.1	U	1.1	U					102			
Nitrobenzene	UG/L	0	0%	0.4	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U					40.8	U		
Pentachlorophenol	UG/L	0	0%	1	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U					40.8	U		
Phenanthrene	UG/L	330	85%		0	11	13	13.5		98.4		2.1		7.6		17.9		1.8		14.2		0.58	J	1	U	7		1.1	U	0.88	J					330			
Phenol	UG/L	0	0%	1	0	0	13	44.4	U	40	U	10.8	U	10.9	U	9.9	U	11.1	U	10	U	10.8	U	10.1	U	10.8	U	11.1	U	11	U					40.8	U		
Pyrene	UG/L	229	77%		0	10	13	10.6		70.6		2		5.2		12		1.4		8.9		1.1	U	1	U	5.7		1.1	U	0.59	J					229			
alpha-Terpineol	UG/L	0	0%		0	0	13	44.4	UJ	40	UJ	10.8	UJ	10.9	UJ	9.9	UJ	11.1	UJ	10	UJ	10.8	UJ	10.1	UJ	10.8	UJ	11.1	UJ	11	UJ					40.8	UJ		
Aluminum	UG/L	2230	69%		0	11	16	182		565		326		193	J	1230		19.9	U	45.2	J	19.9	U	19.9	U	19.9	U	19.9	U	36.2	J	74.9	J	2230		1840		121	
Antimony	UG/L	0	0%	3	0	0	16	6.81	U	6.81	U	6.81	U	6.81	U	6.81	U	6.81	U	6.81	U	6.81	U	6.81	U	6.81	U	6.81	U	6.81	U	6.81	U	6.81	U	6.81	U	6.81	U
Arsenic	UG/L	0	0%	25	0	0	16	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U
Barium	UG/L	118	100%	1000	0	16	16	67.5	J	108	J	111		81		118		73.9		112		94.1		91.7		103		110		81.2		93.4		86.1	J	80.8	J	95	J
Beryllium	UG/L	0.191	13%		0	2	16	0.133	U	0.133	U	0.133	U	0.133	U	0.133	U	0.133	U	0.133	U	0.133	U	0.133	U	0.133	U	0.133	U	0.133	U	0.133	U	0.167	J	0.191	J	0.133	U
Boron	UG/L	50.8	63%	1000	0	10	16	16	U	32.2	U	36.5		21.4	U	50.8	J	23.4		41.9		27.9		31		36.6		45.4		27.2		37.8		46.6	U	34.2	U	29.1	U
Cadmium	UG/L	6.23	25%	5	1	4	16	0.807	U	0.807	U	0.807	U	0.807	U	0.807	U	1.2	J	0.807	U	0.807	U	0.807	U	0.807	U	0.807	U	0.807	U	1.57	B	6.23		4.17		0.807	U
Calcium	UG/L	85200	100%		0	16	16	29700	J	30400	J	32800		52900	J	70100	J	24100		22900		23200		22400		21700		22000		22500		22800		35400	J	85200	J	23300	J
Chromium	UG/L	3.31	25%	50	0	4	16	1.37	U	1.37	U	2.02	J	1.37	U	2.67	J	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	2.47	J	3.31	J	1.37	U
Cobalt	UG/L	2.54	25%		0	4	16	1.88	U	1.88	U	1.88	U	1.88	U	2.09	J	1.88	U	1.88	U	1.88	U	1.88	U	1.88	U	1.88	U	1.88	U	1.9	J	2.54	J	2.06	J	1.88	U
Copper	UG/L	124	44%	200	0	7	16	3.91	U	5.12		5.2		3.91	U	5.87		3.91	U	3.91	U	3.91	U	3.91	U	3.91	U	3.91	U	3.91	U	4.52	J	11.6		124		4.49	J
Iron	UG/L	2930	100%	300	6	16	16	302		539		466		296		2050		76.5		102		18.8	J	14.8	J	20.7	J	26.7	J	72.3		205		2930		2320		168	
Lead	UG/L	1050	100%	25	12	16	16	93.2		64		584		112		284		146		209		7.36		8.7		22		78.7		18.7		304		602		1050		213	
Magnesium	UG/L	8370	100%		0	16	16	2880	J	4250	J	3620		4040	J	8370	J	2550		2780		2530		2440		2610		2620		2420		2640		4410	J	7040	J	2550	J
Manganese	UG/L	254	100%	300	0	16	16	30.3	J	86.8		50.7		66		254		21.1		33.5		17		16.2		23.7		29.5		17		28.8		111		224		26.3	J
Mercury	UG/L	0	0%	0.7	0	0	16	0.052	U	0.052	U	0.052	U	0.061	U	0.067	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.063	U	0.068	U	0.067	U
Molybdenum	UG/L	0	0%		0	0	16	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Nickel	UG/L	8.97	100%	100	0	16	16	4.32	J	6.98		7.39		4.21	B	8.97		5.97		7.2		5.42		5.29		6.55		6.71		5	J	5.22		5.62		7.46		4.99	J
Phosphorous	UG/L	400	94%		0	15	16	63	J	94.6	J	400		82.1	J	150	J	81.6		93.6		46.1		55.2		40.2	J	95.7		87.4		106		180	J	393		45.6	U
Potassium	UG/L	3440	100%		0	16	16	2250	J	1950	J	2210		1910	J	2260	J	2130		1850		1790		1830		1940		1900		1970		2530		3440	J	3310	J	1870	J
Selenium	UG/L	5.06	13%	10	0	2	16	4.88	J	4.2	U	4.2	U	5.06		4.2	U	4.2	U	4.2	U	4.2	U	4.2	U	4.2	U	4.2	U	4.2	U	4.2	U	4.2	U	4.2	U	4.2	U
Silica	UG/L	27200	100%		0	16	16	5600	J	10600	J	8310		10200	J	27200	J	10000		16000		6690		6490		11100		14800		6820		11700		12300	J	11500	J	6940	J
Silicon	UG/L	12700	100%		0	16	16	2620	J	4940	J	3890		4770	J	12700	J	4680		7460		3130		3030		5210		6930		3190		5460		5770	J	5370	J	3250	J
Silver	UG/L	0	0%	50	0	0	16	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Sodium	UG/L	15000	100%	20000	0	16	16	11600		12100		13300		12300		15000		13300		13600		12700		12500		13000		13500		12500		13400		12700		12700	N	11600	N
Strontium	UG/L	371	100%		0	16	16	115	J	207	J	184		189	J	371	J	160		291		152		148		235		278		145		213		112	J	156	J	153	J
Sulfur	UG/L	14600	100%		0	16	16	13500	J	14500	J	14600		13600	J	14200	J	14200		14500		14000		14100		14300		14600		13900		14500		13300	J	13700	J	14400	J
Thallium	UG/L	0	0%		0	0	16	6.27	U	6.27	U	6.27	U	6.27	U	6.27	U	6.27	U	6.27	U	6.27	U	6.27	U	6.27	U	6.27	U	6.27	U	6.27	U	6.27	U	6.27	U	6.27	U
Tin	UG/L	6.36	6%		0	1	16	3.75	U	3.75	U	3.75	U	3.75	U	3.75	U	3.75	U	3.75	U	3.75	U	3.75	U	3.75	U	3.75	U	3.75	U	3.75	U	3.75	U	3.75	U	6.36	J	3.75	U
Titanium	UG/L	96.6	75%		0	12	16	8.24		38.5		7.12		13.4		30.7		1.04	J	1.11	J	0.622	U	0.622	U	0.622	U	0.622	U	1.69	J	3.02	J	96.6		77.8		5.4	
Uranium	UG/L	0	0%		0	0	16	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U
Vanadium	UG/L	13.6	19%		0	3	16	3.12	U	3.12	U	3.12	U	3.12	U	7.38		3.12	U	3.12	U	3.12	U	3.12	U	3.12	U	3.12	U	3.12	U	3.12	U	4.98	J	13.6		3.12	U
Zinc	UG/L	599	100%		0	16	16	56.7		145		245		64.1		178		145		104		14.5		17.6		32.2		64.6		107		180		383		599		135	

NOTES:

SA = Sample
DU = Duplicate
Maximum = Maximum Detected Value
Freq = Frequency of Detection
Level = Action Level or Cleanup Criteria
Ex = Number of Exceedances of the Action Level
Det = Number of Detections

NOTES:

Q = Data Qualifier
U = Undetected
J = Estimated

SEAD-2 (BLDG 301)
INTERIOR SURFACES
PCB WIPE SAMPLE DATA

TABLE A-4

Location ID			SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2	
Sample Number			W301-00		W301-01		W301-02		W301-03		W301-04		W301-05		W301-06		W301-07		W301-08		W301-09	
Sample Type			WIPE		WIPE		WIPE		WIPE		WIPE		WIPE		WIPE		WIPE		WIPE		WIPE	
Field Sample ID			26000		26001		26002		26003		26004		26005		26006		26007		26008		26009	
Sample Date			4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003	
Sample Designation			SA		SA		SA		SA		SA		SA		SA		SA		SA		SA	
Parameter	**Units**	**Action Level**	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)
Aroclor-1016	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	UJ
Aroclor-1221	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1232	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	UJ
Aroclor-1242	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	UJ
Aroclor-1248	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1254	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1260	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

NOTES:
SA = Sample
DU = Duplicate
RB = Rinse Blank
Q = Data Qualifier
U = Undetected

SEAD-2 (BLDG 301)
INTERIOR SURFACES
PCB WIPE SAMPLE DATA

Location ID			SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2	
Sample Number			W301-10		W301-11		W301-12		W301-13		W301-14		W301-15		W301-23		W301-24	
Sample Type			WIPE		WIPE		WIPE		WIPE		WIPE		WIPE		WIPE		WIPE	
Field Sample ID			26010		26011		26012		26013		26014		26015		26023		26024	
Sample Date			4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003	
Sample Designation			SA		SA		SA		SA		SA		SA		RB		RB	
Parameter	**Units**	**Action Level**	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)
Aroclor-1016	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1221	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1232	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1242	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1248	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1254	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aroclor-1260	UG/Filter	10	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

NOTES:
SA = Sample
DU = Duplicate
RB = Rinse Blank
Q = Data Qualifier
U = Undetected

SEAD-2 (BLDG 301)
PCB CHIP SAMPLE DATA

TABLE A-5

Location ID			SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2	
Sample Number			W301-16		W301-17		W301-18		W301-19		W301-20		W301-21		W301-22	
Sample Type			CHIP		CHIP		CHIP		CHIP		CHIP		CHIP		CHIP	
Field Sample ID			26016		26017		26018		26019		26020		26021		26022	
Sample Date			4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003		4/24/2003	
Sample Designation			SA		SA		SA		SA		SA		SA		DU	
Parameter	**Units**	**Action Level**	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)	Value	(Q)
Aroclor-1016	UG/KG	1000	1000	U	1000	U	1000	U	1020	U	1020	U	1030	U	1030	U
Aroclor-1221	UG/KG	1000	1000	U	1000	U	1000	U	1020	U	1020	U	1030	U	1030	U
Aroclor-1232	UG/KG	1000	1000	U	1000	U	1000	U	1020	U	1020	U	1030	U	1030	U
Aroclor-1242	UG/KG	1000	1000	U	1000	U	1000	U	1020	U	1020	U	1030	U	1030	U
Aroclor-1248	UG/KG	1000	1000	U	1000	U	1000	U	1020	U	1020	U	1030	U	1030	U
Aroclor-1254	UG/KG	1000	1000	U	388	J	1000	U	1020	U	1020	U	1030	U	1030	U
Aroclor-1260	UG/KG	1000	1000	U	1000	U	1000	U	1020	U	1020	U	1030	U	1030	U
Aroclor-1262	UG/KG	1000	1000	U	1000	U	1000	U	1020	U	1020	U	1030	U	1030	U
Aroclor-1268	UG/KG	1000	1000	U	1000	U	1000	U	1020	U	1020	U	1030	U	1030	U

NOTES:
SA = Sample
DU = Duplicate
(Q) = Data Qualifier
U = Undetected
J = Estimated Value

SEAD-1 (BLDG 307)
EXTERIOR SOIL DATA
ALL COMPOUNDS

Location ID								SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1	
Sample Type/Location								SS307-00		SS307-01		SS307-02		SS307-03		SS307-04		SS307-05		SS307-06		SS307-07		SS307-08		SS307-09		SS307-10		SS307-11	
Sample Type								SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Field Sample ID								11000		11001		11002		11003		11004		011005D		11006		11007		11008		11009		11010		11011	
Sample Date								4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003	
Sample Designation								SA		SA		SA		SA		SA		DU		SA		SA		SA		SA		SA		DU	
Parameter	**Units**	**Max**	**Freq**	**Level**	**Ex**	**Det**	**No.**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
1,1,1-Trichloroethane	UG/KG	0	0%	800	0	0	12	1.1	UJ	1	UJ	0.99	UJ	0.86	UJ	0.87	UJ			1.4	UJ	1.2	UJ	1.2	UJ	1.1	UJ	0.82	UJ	0.95	UJ	0.97	UJ
1,1,2,2-Tetrachloroethane	UG/KG	0	0%	600	0	0	12	1.1	UJ	1	UJ	0.99	UJ	0.86	UJ	0.87	UJ			1.4	UJ	1.2	UJ	1.2	UJ	1.1	UJ	0.82	UJ	0.95	UJ	0.97	UJ
1,1,2-Trichloroethane	UG/KG	0	0%		0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
1,1-Dichloroethane	UG/KG	0	0%	200	0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
1,1-Dichloroethene	UG/KG	1.1	17%	400	0	2	12	1.1	U	1	U	0.55	J	1.1		0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
1,2-Dichloroethane	UG/KG	0	0%	100	0	0	12	1.1	UJ	1	UJ	0.99	UJ	0.86	UJ	0.87	UJ			1.4	UJ	1.2	UJ	1.2	UJ	1.1	UJ	0.82	UJ	0.95	UJ	0.97	UJ
1,2-Dichloropropane	UG/KG	0	0%		0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Acetone	UG/KG	6.1	33%	200	0	4	12	5.5	U	5.2	U	4.2	J	6.1		4.4	U			5.6	J	5.8	U	6	U	5.3	U	4.1	U	5.7		4.9	U
Benzene	UG/KG	0	0%	60	0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Bromodichloromethane	UG/KG	0	0%		0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Bromoform	UG/KG	0	0%		0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Carbon disulfide	UG/KG	0	0%	2700	0	0	12	5.5	U	5.2	U	4.9	U	4.3	U	4.4	U			6.9	U	5.8	U	6	U	5.3	U	4.1	U	4.8	U	4.9	U
Carbon tetrachloride	UG/KG	0	0%	600	0	0	12	1.1	UJ	1	UJ	0.99	UJ	0.86	UJ	0.87	UJ			1.4	UJ	1.2	UJ	1.2	UJ	1.1	UJ	0.82	UJ	0.95	UJ	0.97	UJ
Chlorobenzene	UG/KG	0	0%	1700	0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Chlorodibromomethane	UG/KG	0	0%		0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Chloroethane	UG/KG	0	0%	1900	0	0	12	1.1	UJ	1	UJ	0.99	UJ	0.86	UJ	0.87	UJ			1.4	UJ	1.2	UJ	1.2	UJ	1.1	UJ	0.82	UJ	0.95	UJ	0.97	UJ
Chloroform	UG/KG	0	0%	300	0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Cis-1,2-Dichloroethene	UG/KG	0	0%		0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Cis-1,3-Dichloropropene	UG/KG	0	0%		0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Ethyl benzene	UG/KG	0	0%	5500	0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Methyl bromide	UG/KG	0	0%		0	0	12	1.1	UJ	1	UJ	0.99	UJ	0.86	UJ	0.87	UJ			1.4	UJ	1.2	UJ	1.2	UJ	1.1	UJ	0.82	UJ	0.95	UJ	0.97	UJ
Methyl butyl ketone	UG/KG	0	0%		0	0	12	5.5	U	5.2	U	4.9	U	4.3	U	4.4	U			6.9	U	5.8	U	6	U	5.3	U	4.1	U	4.8	U	4.9	U
Methyl chloride	UG/KG	0	0%		0	0	12	1.1	UJ	1	UJ	0.99	UJ	0.86	UJ	0.87	UJ			1.4	UJ	1.2	UJ	1.2	UJ	1.1	UJ	0.82	UJ	0.95	UJ	0.97	UJ
Methyl ethyl ketone	UG/KG	0	0%	300	0	0	12	5.5	U	5.2	U	4.9	U	4.3	U	4.4	U			6.9	U	5.8	U	6	U	5.3	U	4.1	U	4.8	U	4.9	U
Methyl isobutyl ketone	UG/KG	0	0%	1000	0	0	12	5.5	U	5.2	U	4.9	U	4.3	U	4.4	U			6.9	U	5.8	U	6	U	5.3	U	4.1	U	4.8	U	4.9	U
Methylene chloride	UG/KG	0	0%	100	0	0	12	5.5	UJ	5.2	UJ	4.9	UJ	4.3	UJ	4.4	UJ			6.9	UJ	5.8	UJ	6	UJ	5.3	UJ	4.1	UJ	4.8	UJ	4.9	UJ
Styrene	UG/KG	0.43	8%		0	1	12	1.1	U	1	U	0.43	J	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Tetrachloroethene	UG/KG	0	0%	1400	0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Toluene	UG/KG	0.4	8%	1500	0	1	12	1.1	U	1	U	0.4	J	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Total Xylenes	UG/KG	0	0%	1200	0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Trans-1,2-Dichloroethene	UG/KG	0	0%	300	0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Trans-1,3-Dichloropropene	UG/KG	0	0%		0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Trichloroethene	UG/KG	0	0%	700	0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
Vinyl acetate	UG/KG	0	0%		0	0	12	5.5	U	5.2	U	4.9	U	4.3	U	4.4	U			6.9	U	5.8	U	6	U	5.3	U	4.1	U	4.8	U	4.9	U
Vinyl chloride	UG/KG	0	0%	200	0	0	12	1.1	U	1	U	0.99	U	0.86	U	0.87	U			1.4	U	1.2	U	1.2	U	1.1	U	0.82	U	0.95	U	0.97	U
1,1'-Biphenyl	UG/KG	0	0%		0	0	12	140	U	36.6	U	36.3	U	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	145	U
1,2,4-Trichlorobenzene	UG/KG	0	0%	3400	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
1,2-Dichlorobenzene	UG/KG	0	0%	7900	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
1,3-Dichlorobenzene	UG/KG	0	0%	1600	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
1,4-Dichlorobenzene	UG/KG	0	0%	8500	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
2,4,5-Trichlorophenol	UG/KG	0	0%	100	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
2,4,6-Trichlorophenol	UG/KG	0	0%		0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
2,4-Dichlorophenol	UG/KG	0	0%	400	0	0	12	1400	U	366	U	363	U	348	U	349	UJ			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
2,4-Dimethylphenol	UG/KG	0	0%		0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
2,4-Dinitrophenol	UG/KG	0	0%	200	0	0	12	2810	UJ	732	UJ	726	UJ	697	UJ	698	UJ			847	UJ	769	UJ	756	UJ	813	UJ	734	UJ	710	UJ	2900	UJ
2,4-Dinitrotoluene	UG/KG	0	0%		0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
2,6-Dinitrotoluene	UG/KG	0	0%	1000	0	0	12	1400	U	366	UJ	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
2-Chloronaphthalene	UG/KG	0	0%		0	0	12	140	U	36.6	U	36.3	U	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	145	U
2-Chlorophenol	UG/KG	0	0%	800	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
2-Methylnaphthalene	UG/KG	19.1	8%	36400	0	1	12	140	U	36.6	U	19.1	J	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	145	U
2-Methylphenol	UG/KG	0	0%	100	0	0	12	1400	U	366	U	363	UJ	348	UJ	349	U			423	UJ	384	U	378	UJ	406	UJ	367	U	355	UJ	1450	U
2-Nitroaniline	UG/KG	0	0%	430	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
2-Nitrophenol	UG/KG	0	0%	330	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
3 or 4-Methylphenol	UG/KG	0	0%		0	0	12	1400	U	366	U	363	UJ	348	UJ	349	U			423	UJ	384	U	378	UJ	406	UJ	367	U	355	UJ	1450	U
3,3'-Dichlorobenzidine	UG/KG	0	0%		0	0	12	1400	U	366	UJ	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
3-Nitroaniline	UG/KG	0	0%	500	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
4,6-Dinitro-2-methylphenol	UG/KG	0	0%		0	0	12	1400	U	366	UJ	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
4-Bromophenyl phenyl ether	UG/KG	0	0%		0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
4-Chloro-3-methylphenol	UG/KG	0	0%	240	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
4-Chloroaniline	UG/KG	0	0%	220	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
4-Chlorophenyl phenyl ether	UG/KG	0	0%		0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
4-Nitroaniline	UG/KG	0	0%		0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
4-Nitrophenol	UG/KG	0	0%	100	0	0	12	1400	U	366	U	363	UJ	348	UJ	349	U			423	UJ	384	UJ	378	UJ	406	UJ	367	U	355	UJ	1450	U
Acenaphthene	UG/KG	50.3	100%	50000	0	12	12	36.2	J	28.5	J	42.5		10.4	J	12.6	J			18.4	J	17.8	J	11.4	J	19.9	J	27.4	J	13.4	J	50.3	J
Acenaphthylene	UG/KG	0	0%	41000	0	0	12	140	U	36.6	U	36.3	U	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	145	U
Anthracene	UG/KG	70.5	83%	50000	0	10	12	140	U	70.5		58.7		21.3	J	26.9	J			38	J	35.6	J	25.5	J	48.9		37.8		19.1	J	145	U
Atrazine	UG/KG	0	0%		0	0	12	1400	R	366	R	363	R	348	R	349	R			423	R	384	R	378	R	406	R	367	R	355	R	1450	R
Benzaldehyde	UG/KG	0	0%		0	0	12	1400	UJ	366	U	363	U	348	U	349	UJ			423	U	384	UJ	378	U	406	U	367	UJ	355	U	1450	UJ
Benzo(a)anthracene	UG/KG	514	58%	224	3	7	12	140	U	402		514		202		34.9	U			211		38.4	U	185		291		36.7	U	166		145	U
Benzo(a)pyrene	UG/KG	561	92%	61	11	11	12	140	UJ	387		561		283		305				283		188		273		360		162		276		334	NJ
Benzo(b)fluoranthene	UG/KG	1140	100%	1100	1	12	12	692	J	866		1140		344		237				367		387		383		578		245		308		840	
Benzo(ghi)perylene	UG/KG	440	58%	50000	0	7	12	140	UJ	198		440		293		34.9	U			282		38.4	U	266		322		36.7	U	240		145	U
Benzo(k)fluoranthene	UG/KG	0	0%	1100	0	0	12	140	UJ	36.6	U	36.3	U	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	145	U
Bis(2-Chloroethoxy)methane	UG/KG	0	0%		0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Bis(2-Chloroethyl)ether	UG/KG	0	0%		0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Bis(2-Chloroisopropyl)ether	UG/KG	0	0%		0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Bis(2-Ethylhexyl)phthalate	UG/KG	938	100%	50000	0	12	12	938	J	125	J	68.8	J	43.9	J	42	J			70.7	J	65.4	J	170	J	94.4	J	33.2	NJ	38.7	J	605	J
Butylbenzylphthalate	UG/KG	0	0%	50000	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Carbazole	UG/KG	51.6	25%		0	3	12	1400	U	51.6	J	363	U	348	U	349	U			423	U	24.3	J	378	U	406	U	29.4	J	355	U	1450	U
Chrysene	UG/KG	591	100%	400	3	12	12	383		405		591		239		118				188		194		219		302		190		159		427	
Di-n-butylphthalate	UG/KG	124	25%	8100	0	3	12	124	J	366	U	363	U	348	U	349	U			423	U	384	U	35.9	J	406	U	367	U	36.9	J	1450	U

SEAD-1 (BLDG 307)
EXTERIOR SOIL DATA
ALL COMPOUNDS

Location ID								SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1		SEAD-1	
Sample Type/Location								SS307-00		SS307-01		SS307-02		SS307-03		SS307-04		SS307-05		SS307-06		SS307-07		SS307-08		SS307-09		SS307-10		SS307-11	
Sample Type								SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Field Sample ID								11000		11001		11002		11003		11004		011005D		11005		11006		11007		11008		11009		11010		11011	
Sample Date								4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003		4/18/2003	
Sample Designation								SA		SA		SA		SA		SA		DU		SA		SA		SA		SA		SA		SA		DU	
Parameter	**Units**	**Max**	**Freq**	**Level**	**Ex**	**Det**	**No.**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Di-n-octylphthalate	UG/KG	0	0%	50000	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Dibenz(a,h)anthracene	UG/KG	0	0%	14	0	0	12	140	UJ	36.6	U	36.3	U	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	145	U
Dibenzofuran	UG/KG	25.6	8%	6200	0	1	12	1400	U	366	U	25.6	J	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Diethyl phthalate	UG/KG	0	0%	7100	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Dimethylphthalate	UG/KG	0	0%	2000	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Diphenylamine	UG/KG	0	0%		0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Fluoranthene	UG/KG	1100	100%	50000	0	12	12	598		920		1100		388		241				374		338		390		584		327		276		685	
Fluorene	UG/KG	43.6	100%	50000	0	12	12	26	J	22.5	J	43.6		9.7	J	11.8	J			20.6	J	21.8	J	14.2	J	19.7	J	17.6	J	9	J	35.2	J
Hexachlorobenzene	UG/KG	0	0%	410	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Hexachlorobutadiene	UG/KG	0	0%		0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Hexachlorocyclopentadiene	UG/KG	0	0%		0	0	12	1400	U	366	UJ	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Hexachloroethane	UG/KG	0	0%		0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Indeno(1,2,3-cd)pyrene	UG/KG	408	58%	3200	0	7	12	140	U	242		408		274		34.9	U			265		38.4	U	251		300		36.7	U	214		145	U
Isophorone	UG/KG	0	0%	4400	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
N-Nitrosodipropylamine	UG/KG	0	0%		0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Naphthalene	UG/KG	0	0%	13000	0	0	12	140	U	36.6	U	36.3	U	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	145	U
Nitrobenzene	UG/KG	0	0%	200	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Pentachlorophenol	UG/KG	0	0%	1000	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Phenanthrene	UG/KG	692	100%	50000	0	12	12	327		396		692		175		141				231		194		188		286		205		143		420	
Phenol	UG/KG	0	0%	30	0	0	12	1400	U	366	U	363	U	348	U	349	U			423	U	384	U	378	U	406	U	367	U	355	U	1450	U
Pyrene	UG/KG	1080	100%	50000	0	12	12	705		691		1080		429		208				368		330		379		560		312		286		759	
alpha-Terpineol	UG/KG	0	0%		0	0	12	1400	U	366	U	363	UJ	348	UJ	349	U			423	UJ	384	U	378	UJ	406	UJ	367	U	355	UJ	1450	U
Aroclor-1016	UG/KG	0	0%		0	0	12	35.1	U	36.6	U	36.3	U	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	36.3	U
Aroclor-1221	UG/KG	0	0%		0	0	12	35.1	U	36.6	U	36.3	U	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	36.3	U
Aroclor-1232	UG/KG	0	0%		0	0	12	35.1	U	36.6	U	36.3	U	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	36.3	U
Aroclor-1242	UG/KG	209	25%		0	3	12	35.1	U	23.4	J	209	J	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	29.6	J
Aroclor-1248	UG/KG	0	0%		0	0	12	35.1	U	36.6	U	36.3	U	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	36.3	U
Aroclor-1254	UG/KG	194	67%	10000	0	8	12	38		38.9		194	J	9.7	J	9.6	J			42.3	U	38.4	U	37.8	U	40.6	U	11.3	J	17.7	J	44.4	
Aroclor-1260	UG/KG	28.8	42%	10000	0	5	12	21.4	J	28.8	J	28.4	J	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	18.1	J	24.5	J
Aroclor-1262	UG/KG	0	0%		0	0	12	35.1	U	36.6	U	36.3	U	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	36.3	U
Aroclor-1268	UG/KG	0	0%		0	0	12	35.1	U	36.6	U	36.3	U	34.8	U	34.9	U			42.3	U	38.4	U	37.8	U	40.6	U	36.7	U	35.5	U	36.3	U
Aluminum	UG/KG	16700000	100%	20500000	0	13	13	3900000		4520000		3820000		7310000		13000000		16700000		15900000		16600000		7760000		10400000		2210000		4120000		5130000	
Antimony	UG/KG	1260	62%	6550	0	8	13	796	J	748	U	956	J	713	J	779	J	865	U	1260		785	U	1170		930	J	682	U	899	J	681	U
Arsenic	UG/KG	7440	100%	21500	0	13	13	5420		5670		6920		6250		7440		5740		5690		6610		5430		5110		3900		6760		5210	
Barium	UG/KG	254000	100%	300000	0	13	13	32600		78000		254000		53800		101000		116000		106000		113000		34500		70300		15400		58000		38500	
Beryllium	UG/KG	782	100%	1400	0	13	13	319		345		326		433		660		773		752		782		467		538		234		369		311	
Boron	UG/KG	13100	100%		0	13	13	8510		10200		8100		8580		6860		11300		10900		9030		6100		6790		8220		13100		7450	
Cadmium	UG/KG	1130	100%	2900	0	13	13	1130		933		877		620		259	J	437		475		468		553		580		535		663		944	
Calcium	UG/KG	306000000	100%	293000000	1	13	13	209000000		178000000		245000000		173000000		19600000		12700000		10900000		13400000		4090000		7270000		306000000		159000000		155000000	
Chromium	UG/KG	24900	100%	32700	0	13	13	16100		14900		14500		14000		20400		24900		23700		24800		19200		20100		7550		15100		15000	
Cobalt	UG/KG	16600	100%	30000	0	13	13	4730		5910		5200		7030		9950		9830		9580		16600		7530		7770		3770		9490		5420	
Copper	UG/KG	34300	100%	62800	0	13	13	24700		23200		30300		17000		20100		27200		25100		21100		34300		23700		11800		24300		22200	
Iron	UG/KG	22500000	100%	38600000	0	13	13	11400000	J	9890000	J	9350000	J	13600000	J	18700000	J	20300000	J	19400000	J	22500000	J	16500000	J	15700000	J	4470000	J	10000000	J	12000000	J
Lead	UG/KG	116000	100%	400000	0	13	13	65700		116000		110000		29500		33200		54800		49500		47600		73200		68300		56900		73700		60900	
Magnesium	UG/KG	15900000	100%	29100000	0	13	13	15400000		15900000		11700000		12400000		7730000		6860000		6120000		6960000		3390000		5340000		7670000		15300000		13700000	
Manganese	UG/KG	815000	100%	2380000	0	13	13	458000	J	368000	J	508000	J	414000	J	672000	J	505000	J	516000	J	815000	J	242000	J	365000	J	163000	J	316000	J	254000	J
Mercury	UG/KG	370	100%	130	2	13	13	65.1		36.9		18.8		22.1		39.8		370		354		47.3		48.3		62		13.9		64.1		61.8	
Molybdenum	UG/KG	1280	100%		0	13	13	894		891		758	J	365	J	455	J	957		985		981		1270		820	J	506	J	1280		868	J
Nickel	UG/KG	30200	100%	62300	0	13	13	20300		20400		16400		21400		25000		29100		28100		28800		28200		25200		14200		30200		23200	
Phosphorous	UG/KG	844000	100%		0	13	13	371000		473000		412000		491000		618000		827000		739000		667000		537000		451000		265000		844000		340000	
Potassium	UG/KG	2350000	100%	3160000	0	13	13	943000		1250000		830000		1350000		1780000		2350000		2190000		1810000		904000		1110000		642000		1300000		940000	
Selenium	UG/KG	1210	85%	2000	0	11	13	893		877		451	J	710		990		805		504	U	515	J	1210		830		421	U	650		489	J
Silica	UG/KG	2000000	100%		0	13	13	1500000		1720000		1530000		1250000		1400000		2000000		1860000		1960000		1640000		1820000		1460000		1750000		1280000	
Silicon	UG/KG	933000	100%		0	13	13	700000		803000		715000		583000		656000		933000		870000		916000		766000		851000		683000		819000		597000	
Silver	UG/KG	345	15%	870	0	2	13	261	J	274	U	259	U	251	U	256	U	317	U	345	J	288	U	283	U	282	U	250	U	258	U	249	U
Sodium	UG/KG	348000	92%	269000	1	12	13	88100		77700		348000		85200	U	232000		51200		46200		177000		161000		158000		88600		96700		68000	
Strontium	UG/KG	230000	100%		0	13	13	190000		172000		224000		151000		31200		27300		25100		20800		15700		15000		230000		147000		135000	
Sulfur	UG/KG	3210000	100%		0	13	13	1880000	J	1440000	J	1090000	J	689000	J	370000	J	466000	J	396000	J	323000	J	1420000	J	444000	J	898000	J	3210000	J	2010000	J
Thallium	UG/KG	0	0%	1200	0	0	13	617	U	688	U	650	U	630	U	644	U	797	U	751	U	723	U	711	U	708	U	628	U	649	U	627	U
Tin	UG/KG	3240	100%		0	13	13	1930		1590		1890		1350		657	J	2290		1510		881	J	3240		1050	J	685	J	950	J	1560	
Titanium	UG/KG	105000	100%		0	13	13	39000		75600		46600		50000		71500		94700		71800		93600		96300		105000		23600		40000		42900	
Uranium	UG/KG	499	8%		0	1	13	490	U	547	U	517	U	501	U	511	U	633	U	597	U	575	U	565	U	563	U	499		516	U	498	U
Vanadium	UG/KG	33200	100%	150000	0	13	13	18100		22400		20200		19900		33200		32100		30100		32000		27100		32400		15800		22900		19300	
Zinc	UG/KG	16200000	100%	126000	13	13	13	2930000		905000		16200000		9650000		5800000		180000		157000		6350000		8660000		14100000		3020000		1050000		2470000	

NOTES:	NOTES:
SA = Sample	Q = Data Qualifier
DU = Duplicate	U = Undetected
Maximum = Maximum Detected Value	J = Estimated
Freq = Frequency of Detection	
Level = Action Level or Cleanup Criteria	
Ex = Number of Exceedances of the Action Level	
Det = Number of Detections	

SEAD- 2 (BLDG 301)
EXTERIOR SOIL DATA
ALL COMPOUNDS

Location ID								SEAD-2	SEAD-2	SEAD-2	SEAD-2	SEAD-2	SEAD-2	SEAD-2	SEAD-2	SEAD-2	SEAD-2	SEAD-2	SEAD-2	SEAD-2
Sample Type/Bldg ID/Location								SS301-00	SS301-01	SS301-02	SS301-03	SS301-04	SS301-04	SS301-05	SS301-06	SS301-07	SS301-08	SS301-09	SS301-20	SS301-21
Sample Type								SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Field Sample ID								21000	21001	21002	21003	021004D	21004	21005	21006	21007	21008	21009	21020	21021
Sample Date								4/17/2003	4/17/2003	4/17/2003	4/17/2003	4/17/2003	4/17/2003	4/17/2003	4/17/2003	4/17/2003	4/17/2003	4/17/2003	4/17/2003	4/17/2003
Sample Designation								SA	SA	SA	SA	DU	SA	SA	SA	SA	SA	SA	SA	DU
Parameter	**Units**	**Max**	**Freq**	**Level**	**Ex**	**Det**	**No.**	**Value (Q)**	**Value (Q)**	**Value (Q)**	**Value (Q)**	**Value (Q)**	**Value (Q)**	**Value (Q)**	**Value (Q)**	**Value (Q)**	**Value (Q)**	**Value (Q)**	**Value (Q)**	**Value (Q)**
1,1,1-Trichloroethane	UG/KG	0	0%	800	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
1,1,2,2-Tetrachloroethane	UG/KG	0	0%	600	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 UJ	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 UJ
1,1,2-Trichloroethane	UG/KG	0	0%		0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
1,1-Dichloroethane	UG/KG	0	0%	200	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
1,1-Dichloroethene	UG/KG	7.6	42%	400	0	5	12	1.7	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	6.2	0.94 U	4.6	4.9	7.6
1,2-Dichloroethane	UG/KG	0	0%	100	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
1,2-Dichloropropane	UG/KG	0	0%		0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Acetone	UG/KG	20.9	33%	200	0	4	12	4 U	4.4 U	4.2 U	5.6 U		7.4 U	6.3 U	6.5 J	20.9 J	4.7 U	8.4 J	6.5 J	6.8 U
Benzene	UG/KG	0	0%	60	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Bromodichloromethane	UG/KG	0	0%		0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Bromoform	UG/KG	0	0%		0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 UJ	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 UJ
Carbon disulfide	UG/KG	0	0%	2700	0	0	12	4 U	4.4 U	4.2 U	5.6 U		7.4 U	6.3 U	5.9 U	5.9 U	4.7 U	4.6 U	4.1 U	6.8 U
Carbon tetrachloride	UG/KG	0	0%	600	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Chlorobenzene	UG/KG	0	0%	1700	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Chlorodibromomethane	UG/KG	0	0%		0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Chloroethane	UG/KG	0	0%	1900	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Chloroform	UG/KG	0	0%	300	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Cis-1,2-Dichloroethene	UG/KG	0	0%		0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Cis-1,3-Dichloropropene	UG/KG	0	0%		0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Ethyl benzene	UG/KG	0	0%	5500	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Methyl bromide	UG/KG	0	0%		0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Methyl butyl ketone	UG/KG	0	0%		0	0	12	4 U	4.4 U	4.2 U	5.6 U		7.4 U	6.3 U	5.9 U	5.9 U	4.7 U	4.6 U	4.1 U	6.8 U
Methyl chloride	UG/KG	0	0%		0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Methyl ethyl ketone	UG/KG	17	8%	300	0	1	12	4 U	4.4 U	4.2 U	5.6 U		7.4 U	6.3 U	17	5.9 U	4.7 U	4.6 U	4.1 U	6.8 U
Methyl isobutyl ketone	UG/KG	0	0%	1000	0	0	12	4 U	4.4 U	4.2 U	5.6 U		7.4 U	6.3 U	5.9 U	5.9 U	4.7 U	4.6 U	4.1 U	6.8 U
Methylene chloride	UG/KG	0	0%	100	0	0	12	4 U	4.4 U	4.2 U	5.6 U		7.4 U	6.3 U	5.9 U	5.9 U	4.7 U	4.6 U	4.1 U	6.8 U
Styrene	UG/KG	0	0%		0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Tetrachloroethene	UG/KG	0	0%	1400	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Toluene	UG/KG	0.76	50%	1500	0	6	12	0.43 J	0.88 U	0.35 J	1.1 U		1.5 U	1.2 U	1.2 U	0.74 J	0.94 U	0.43 J	0.73 J	0.76 J
Total Xylenes	UG/KG	0	0%	1200	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Trans-1,2-Dichloroethene	UG/KG	0	0%	300	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Trans-1,3-Dichloropropene	UG/KG	0	0%		0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Trichloroethene	UG/KG	0	0%	700	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
Vinyl acetate	UG/KG	0	0%		0	0	12	4 U	4.4 U	4.2 U	5.6 U		7.4 U	6.3 U	5.9 U	5.9 U	4.7 U	4.6 U	4.1 U	6.8 U
Vinyl chloride	UG/KG	0	0%	200	0	0	12	0.8 U	0.88 U	0.84 U	1.1 U		1.5 U	1.2 U	1.2 U	1.2 U	0.94 U	0.91 U	0.82 U	1.4 U
1,1'-Biphenyl	UG/KG	2900	50%		0	6	12	849 J	3460 UJ	50.1 UJ	109 UJ		40 J	344 U	249 J	2900 J	283 J	57.5 UJ	355 U	689 J
1,2,4-Trichlorobenzene	UG/KG	0	0%	3400	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
1,2-Dichlorobenzene	UG/KG	0	0%	7900	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
1,3-Dichlorobenzene	UG/KG	0	0%	1600	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
1,4-Dichlorobenzene	UG/KG	0	0%	8500	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
2,4,5-Trichlorophenol	UG/KG	0	0%	100	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
2,4,6-Trichlorophenol	UG/KG	0	0%		0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
2,4-Dichlorophenol	UG/KG	0	0%	400	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
2,4-Dimethylphenol	UG/KG	0	0%		0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
2,4-Dinitrophenol	UG/KG	0	0%	200	0	0	12	27500 UJ	6920 UJ	7090 UJ	27500 UJ		828 U	689 U	7280 UJ	81600 UJ	7500 UJ	7070 UJ	710 U	7120 UJ
2,4-Dinitrotoluene	UG/KG	35700	33%		0	4	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3790 J	35700 J	16800 J	3530 UJ	355 U	4650 J
2,6-Dinitrotoluene	UG/KG	951	8%	1000	0	1	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	951 J	3530 UJ	355 U	3560 UJ
2-Chloronaphthalene	UG/KG	0	0%		0	0	12	1370 UJ	346 UJ	354 UJ	1380 UJ		41.4 U	34.4 U	364 UJ	4080 UJ	375 UJ	353 UJ	35.5 U	356 UJ
2-Chlorophenol	UG/KG	0	0%	800	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
2-Methylnaphthalene	UG/KG	15200	92%	36400	0	11	12	3700 J	178 J	204 J	1380 UJ		198	44.4	1230 J	15200 J	1320 J	260 J	94.4	3360 J
2-Methylphenol	UG/KG	0	0%	100	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
2-Nitroaniline	UG/KG	0	0%	430	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
2-Nitrophenol	UG/KG	0	0%	330	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
3 or 4-Methylphenol	UG/KG	464	8%		0	1	12	13700 U	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	464 J
3,3'-Dichlorobenzidine	UG/KG	0	0%		0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
3-Nitroaniline	UG/KG	0	0%	500	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
4,6-Dinitro-2-methylphenol	UG/KG	0	0%		0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
4-Bromophenyl phenyl ether	UG/KG	0	0%		0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
4-Chloro-3-methylphenol	UG/KG	0	0%	240	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
4-Chloroaniline	UG/KG	0	0%	220	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
4-Chlorophenyl phenyl ether	UG/KG	0	0%		0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
4-Nitroaniline	UG/KG	0	0%		0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
4-Nitrophenol	UG/KG	0	0%	100	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
Acenaphthene	UG/KG	18200	100%	50000	0	12	12	7570 J	290 J	717 J	1870 J		250	44.1	1610 J	18200 J	2260 J	424 J	79.2	4320 J
Acenaphthylene	UG/KG	2410	83%	41000	0	10	12	1230 J	900 J	382 J	2410 J		41.4 U	287	1450 J	4080 UJ	284 J	323 J	403	1900 J
Anthracene	UG/KG	33900	100%	50000	0	12	12	24200 J	1030 J	2650 J	7560 J		401	164	3500 J	33900 J	4520 J	1160 J	320	8180 J
Atrazine	UG/KG	0	0%		0	0	12	13700 UJ	3460 R	3540 R	13800 R		414 R	344 R	3640 R	40800 UJ	3750 R	3530 R	355 R	3560 R
Benzaldehyde	UG/KG	0	0%		0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
Benzo(a)anthracene	UG/KG	66600	100%	224	12	12	12	39300 J	4670 J	7690 J	27900 J		1330	1740	11300 J	66600 J	9100 J	3300 J	2660	19400 J
Benzo(a)pyrene	UG/KG	56900	100%	61	12	12	12	31600 J	5300 J	7240 J	22900 J		1080	1710	11500 J	56900 J	8840 J	3240 J	2100 J	19600 J
Benzo(b)fluoranthene	UG/KG	102000	100%	1100	12	12	12	56700 J	8540 J	8980 J	28800 J		1670	2510	11900 J	102000 J	12500 J	4050 J	3210 J	22700 J
Benzo(ghi)perylene	UG/KG	25100	100%	50000	0	12	12	11600 J	3540 J	3860 J	11900 J		551	818	4570 J	25100 J	3830 J	2220 J	1150 J	7440 J
Benzo(k)fluoranthene	UG/KG	11700	58%	1100	7	7	12	1370 UJ	3660 J	4340 J	11700 J		41.4 U	34.4 U	5240 J	4080 UJ	5760 J	1540 J	35.5 UJ	11200 J
Bis(2-Chloroethoxy)methane	UG/KG	0	0%		0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
Bis(2-Chloroethyl)ether	UG/KG	0	0%		0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 UJ	344 UJ	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 UJ	3560 UJ
Bis(2-Chloroisopropyl)ether	UG/KG	0	0%		0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
Bis(2-Ethylhexyl)phthalate	UG/KG	0	0%	50000	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		177 UJ	180 UJ	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 UJ	3560 UJ
Butylbenzylphthalate	UG/KG	0	0%	50000	0	0	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	3750 UJ	3530 UJ	355 U	3560 UJ
Carbazole	UG/KG	28200	83%		0	10	12	11300 J	807 J	1920 J	5810 J		281 J	344 U	2620 J	28200 J	3090 J	640 J	355 U	6070 J
Chrysene	UG/KG	67700	100%	400	12	12	12	35000 J	5540 J	7950 J	29900 J		1150	2060	12200 J	67700 J	9480 J	4150 J	2620	20000 J
Di-n-butylphthalate	UG/KG	1780	25%	8100	0	3	12	13700 UJ	3460 UJ	3540 UJ	13800 UJ		414 U	344 U	3640 UJ	40800 UJ	1780 J	419 J	329 J	3560 UJ

SEAD- 2 (BLDG 301)
EXTERIOR SOIL DATA
ALL COMPOUNDS

Location ID								SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2		SEAD-2	
Sample Type/Bldg ID/Location								SS301-00		SS301-01		SS301-02		SS301-03		SS301-04		SS301-04		SS301-05		SS301-06		SS301-07		SS301-08		SS301-09		SS301-20		SS301-21	
Sample Type								SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Field Sample ID								21000		21001		21002		21003		021004D		21004		21005		21006		21007		21008		21009		21020		21021	
Sample Date								4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003		4/17/2003	
Sample Designation								SA		SA		SA		SA		DU		SA		SA		SA		SA		SA		SA		SA		DU	
Parameter	**Units**	**Max**	**Freq**	**Level**	**Ex**	**Det**	**No.**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Di-n-octylphthalate	UG/KG	0	0%	50000	0	0	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	3640	UJ	40800	UJ	3750	UJ	3530	UJ	355	U	3560	UJ
Dibenz(a,h)anthracene	UG/KG	19900	25%	14	3	3	12	**19900**	J	346	UJ	354	UJ	1380	UJ			**281**		**354**		364	UJ	4080	UJ	375	UJ	353	UJ	35.5	UJ	356	UJ
Dibenzofuran	UG/KG	22100	100%	6200	2	12	12	**11300**	J	250	J	761	J	2210	J			265	J	40.9	J	1750	J	**22100**	J	2300	J	468	J	46.3	J	5000	J
Diethyl phthalate	UG/KG	0	0%	7100	0	0	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	3640	UJ	40800	UJ	3750	UJ	3530	UJ	355	U	3560	UJ
Dimethylphthalate	UG/KG	0	0%	2000	0	0	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	3640	UJ	40800	UJ	3750	UJ	3530	UJ	355	U	3560	UJ
Diphenylamine	UG/KG	3150	25%		0	3	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	629	J	40800	UJ	3150	J	3530	UJ	119	J	3560	UJ
Fluoranthene	UG/KG	151000	100%	50000	3	12	12	**88900**	J	9100	J	17400	J	**53200**	J			2560		1500		17400	J	**151000**	J	19400	J	6980	J	2490		34500	J
Fluorene	UG/KG	19200	100%	50000	0	12	12	18100	J	637	J	1550	J	4440	J			288		89.9		1900	J	19200	J	2320	J	728	J	174		5100	J
Hexachlorobenzene	UG/KG	0	0%	410	0	0	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	3640	UJ	40800	UJ	3750	UJ	3530	UJ	355	U	3560	UJ
Hexachlorobutadiene	UG/KG	0	0%		0	0	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	3640	UJ	40800	UJ	3750	UJ	3530	UJ	355	U	3560	UJ
Hexachlorocyclopentadiene	UG/KG	0	0%		0	0	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	3640	UJ	40800	UJ	3750	UJ	3530	UJ	355	U	3560	UJ
Hexachloroethane	UG/KG	0	0%		0	0	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	3640	UJ	40800	UJ	3750	UJ	3530	UJ	355	U	3560	UJ
Indeno(1,2,3-cd)pyrene	UG/KG	24900	100%	3200	7	12	12	**11600**	J	2630	J	**3640**	J	**10700**	J			572		662		**3770**	J	**24900**	J	**4020**	J	1730	J	864		**7020**	J
Isophorone	UG/KG	0	0%	4400	0	0	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	3640	UJ	40800	UJ	3750	UJ	3530	UJ	355	U	3560	UJ
N-Nitrosodipropylamine	UG/KG	0	0%		0	0	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	3640	UJ	40800	UJ	3750	UJ	3530	UJ	355	U	3560	UJ
Naphthalene	UG/KG	33900	67%	13000	1	8	12	838	J	346	UJ	354	UJ	1380	UJ			572		62.7		2030	J	**33900**	J	2440	J	353	UJ	106		10100	J
Nitrobenzene	UG/KG	0	0%	200	0	0	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	3640	UJ	40800	UJ	3750	UJ	3530	UJ	355	U	3560	UJ
Pentachlorophenol	UG/KG	0	0%	1000	0	0	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	3640	UJ	40800	UJ	3750	UJ	3530	UJ	355	U	3560	UJ
Phenanthrene	UG/KG	159000	100%	50000	2	12	12	**81500**	J	5340	J	12400	J	38300	J			2000		669		14700	J	**159000**	J	18800	J	5240	J	1050		34100	J
Phenol	UG/KG	1680	25%	30	3	3	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	U	344	U	3640	UJ	**1680**	J	**178**	J	3530	UJ	355	U	**372**	J
Pyrene	UG/KG	148000	100%	50000	3	12	12	**98600**	J	10500	J	15700	J	**61200**				2150		3280		23500	J	**148000**	J	18400	J	8150	J	5350		39000	J
alpha-Terpineol	UG/KG	0	0%		0	0	12	13700	UJ	3460	UJ	3540	UJ	13800	UJ			414	UJ	344	UJ	3640	UJ	40800	UJ	3750	UJ	3530	UJ	355	UJ	3560	U
Aroclor-1016	UG/KG	0	0%		0	0	12	34.3	U	34.6	U	35.4	U	34.4	U			41.4	U	34.4	U	36.4	U	40.8	U	37.5	U	35.3	U	35.5	U	35.6	U
Aroclor-1221	UG/KG	0	0%		0	0	12	34.3	U	34.6	U	35.4	U	34.4	U			41.4	U	34.4	U	36.4	U	40.8	U	37.5	U	35.3	U	35.5	U	35.6	U
Aroclor-1232	UG/KG	0	0%		0	0	12	34.3	U	34.6	U	35.4	U	34.4	U			41.4	U	34.4	U	36.4	U	40.8	U	37.5	U	35.3	U	35.5	U	35.6	U
Aroclor-1242	UG/KG	0	0%		0	0	12	34.3	U	34.6	U	35.4	U	34.4	U			41.4	U	34.4	U	36.4	U	40.8	U	37.5	U	35.3	U	35.5	U	35.6	U
Aroclor-1248	UG/KG	0	0%		0	0	12	34.3	U	34.6	U	35.4	U	34.4	U			41.4	U	34.4	U	36.4	U	40.8	U	37.5	U	35.3	U	35.5	U	35.6	U
Aroclor-1254	UG/KG	120	17%	10000	0	2	12	34.3	U	34.6	U	35.4	U	34.4	U			41.4	U	34.4	U	36.4	U	120		53.2		35.3	U	35.5	U	35.6	U
Aroclor-1260	UG/KG	0	0%	10000	0	0	12	34.3	U	34.6	U	35.4	U	34.4	U			41.4	U	34.4	U	36.4	U	40.8	U	37.5	U	35.3	U	35.5	U	35.6	U
Aroclor-1262	UG/KG	0	0%		0	0	12	34.3	U	34.6	U	35.4	U	34.4	U			41.4	U	34.4	U	36.4	U	40.8	U	37.5	U	35.3	U	35.5	U	35.6	U
Aroclor-1268	UG/KG	0	0%		0	0	12	34.3	U	34.6	U	35.4	U	34.4	U			41.4	U	34.4	U	36.4	U	40.8	U	37.5	U	35.3	U	35.5	U	35.6	U
Aluminum	UG/KG	16800000	100%	20500000	0	13	13	2780000		4430000		4300000		5610000		16800000		15700000		2460000		3540000		6710000		6490000		5080000		5400000		3710000	
Antimony	UG/KG	4940	77%	6550	0	10	13	755	J	667	UJ	678	J	682	UJ	1580	J	1080	J	645	UJ	1200	J	3480	J	4940	J	1770	J	1050	J	1110	J
Arsenic	UG/KG	17600	100%	21500	0	13	13	2920		3430		3150		4600		17300		17600		2270		3380		7850		5340		3350		3470		2740	
Barium	UG/KG	162000	100%	300000	0	13	13	162000	J	29500	J	41000	J	29200	J	132000	J	121000	J	34500	J	37900	J	111000	J	155000	J	30200	J	54000	J	35100	J
Beryllium	UG/KG	845	100%	1400	0	13	13	194		257		268		322		845		804		183		275		537		410		301		316		224	
Boron	UG/KG	13800	100%	0	0	13	13	9990	J	9620	J	12500	J	10900	J	13800	J	11000	J	10400	J	11500	J	12700	J	8150	J	13100	J	13700	J	10200	J
Cadmium	UG/KG	4200	92%	2900	3	12	13	359		134	J	78.8	U	150	J	329		325	J	97.4	J	300	J	**4120**		**4200**		470		**4200**		251	J
Calcium	UG/KG	221000000	100%	293000000	0	13	13	221000000		137000000		212000000		129000000		7200000		7730000		204000000		147000000		105000000		23800000		126000000		123000000		128000000	
Chromium	UG/KG	52800	100%	32700	3	13	13	6410		8080		7570		10700		**52800**		**52300**		5230		8970		30700		**39100**		11900		17400		12700	
Cobalt	UG/KG	10500	100%	30000	0	13	13	2360		4100		4400		5020		10500		9010		2910		5300		10400		9640		4110		4760		3630	
Copper	UG/KG	86400	100%	62800	1	13	13	8110		10600		9500		11400		35100		34300		6230		11600		**86400**		53800		14100		16900		10700	
Iron	UG/KG	26300000	100%	38600000	0	13	13	5150000	J	8200000	J	6860000	J	9430000	J	21100000	J	21800000	J	4620000	J	19700000	J	26300000	J	24700000	J	7850000	J	8550000	J	6780000	J
Lead	UG/KG	1570000	100%	400000	1	13	13	24700		23400		14800		26800		29300		27600		9510		97900		**1570000**		372000		62800		77600		141000	
Magnesium	UG/KG	56100000	100%	29100000	8	13	13	19800000		**32500000**		**35700000**		**37500000**		5230000		5670000		**56100000**		**34800000**		9450000		6580000		**36700000**		**33900000**		**38200000**	
Manganese	UG/KG	522000	100%	2380000	0	13	13	340000	J	297000	J	323000	J	363000	J	522000	J	400000	J	222000	J	446000	J	476000	J	508000	J	295000	J	288000	J	255000	J
Mercury	UG/KG	87.4	100%	130	0	13	13	18.8		11.3		10.6		12.2		66		63.9		11.3		21.2		87.4		56.7		17.1		24.9		18.6	
Molybdenum	UG/KG	3860	62%	0	0	8	13	158	U	167	U	166	U	170	U	500		508	J	161	U	369	J	3860		1220		189	J	204	J	241	J
Nickel	UG/KG	55200	100%	62300	0	13	13	9180		12600		11600		14600		30400		28700		9610		14100		55200		26900		12100		11800		11400	
Phosphorous	UG/KG	1380000	100%	0	0	13	13	250000		312000		312000		371000		620000		649000		325000		377000		898000		534000		421000		1380000		387000	
Potassium	UG/KG	2490000	100%	3160000	0	13	13	1100000	J	1370000	J	1520000	J	1570000	J	2490000	J	2070000	J	1240000	J	1340000	J	1250000	J	1250000	J	1730000	J	1890000	J	1200000	J
Selenium	UG/KG	1400	62%	2000	0	8	13	390	U	412	U	410	U	421	U	1280		1310		488		692		1400		953		414	J	407	U	556	
Silica	UG/KG	1650000	100%	0	0	13	13	1190000	J	1290000	J	1420000	J	1050000	J	962000	J	1650000	J	1420000	J	1500000	J	1500000	J	1350000	J	832000	J	1500000	J	1370000	J
Silicon	UG/KG	771000	100%	0	0	13	13	556000	J	603000	J	665000	J	491000	J	450000	J	771000	J	665000	J	700000	J	700000	J	633000	J	389000	J	703000	J	639000	J
Silver	UG/KG	465	8%	870	0	1	13	232	U	245	U	244	U	250	U	287	U	307	U	237	U	250	U	288	U	465	J	243	U	242	U	247	U
Sodium	UG/KG	162000	100%	2690000	0	13	13	162000		122000		162000		145000		44700		42400		137000		150000		148000		64700		136000		129000		115000	
Strontium	UG/KG	250000	100%	0	0	13	13	250000		112000		213000		118000		19200		18400		176000		137000		128000		78100		114000		84100		105000	
Sulfur	UG/KG	1680000	100%	0	0	13	13	1680000	J	1160000	J	810000	J	850000	J	322000	J	352000	J	524000	J	972000	J	1000000	J	563000	J	619000	J	430000	J	828000	J
Thallium	UG/KG	0	0%	1200	0	0	13	582	U	614	U	612	U	628	U	721	U	771	U	594	U	628	U	724	U	665	U	610	U	607	U	620	U
Tin	UG/KG	19100	92%	0	0	12	13	537	J	438	J	376	J	450	J	1060		767	J	443	J	375	U	19100		4010		858	J	909	J	694	J
Titanium	UG/KG	381000	100%	0	0	13	13	29900	J	53800	J	55300	J	97200	J	72600	J	70100	J	19300	J	381000	J	164000	J	72000	J	79100	J	101000	J	43800	J
Uranium	UG/KG	573	8%	0	0	1	13	462	UJ	488	UJ	486	UJ	499	UJ	573	J	613	UJ	472	UJ	499	UJ	575	UJ	529	UJ	485	UJ	482	UJ	493	UJ
Vanadium	UG/KG	36400	100%	150000	0	13	13	32100		15500		11200		13500		28300		26100		8460		36400		18200		14700		20500		17500		17900	
Zinc	UG/KG	752000	100%	126000	4	13	13	28100		36200		29400		63900		**156000**		**151000**		30600		56600		**752000**		**325000**		76400		88000		57100	

NOTES:

SA = Sample
DU = Duplicate
Maximum = Maximum Detected Value
Freq = Frequency of Detection
Level = Action Level or Cleanup Criteria
Ex = Number of Exceedances of the Action Level
Det = Number of Detections

NOTES:

Q = Data Qualifier
U = Undetected
J = Estimated

SEAD-1 and SEAD-2 (BLDG 307 and BLDG 301)
WASHWATER FOR DISPOSAL

Location ID			SEAD-1		SEAD-2		SEAD-2	
Building ID/Location			307/Drum		301/Drum		301/Drum	
Sample Type			WATER		WATER		WATER	
Sample Number			307		301D		301	
Sample Date			4/21/2003		4/21/2003		4/21/2003	
Sample Designation			SA		DU		SA	
			BUILDING 301		BUILDING 307		BUILDING 307	
Parameter	**Units**	**Regulatory Level**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
1,1,1-Trichloroethane	UG/L		1	U			50	U
1,1,2,2-Tetrachloroethane	UG/L		1	U			50	U
1,1,2-Trichloroethane	UG/L		1	U			50	U
1,1-Dichloroethane	UG/L		1	U			50	U
1,1-Dichloroethene	UG/L		1	U			50	U
1,2-Dichloroethane	UG/L	500	1	U			50	U
1,2-Dichloropropane	UG/L		1	U			50	U
Acetone	UG/L		3.8	J			250	U
Benzene	UG/L	500	1	UJ			50	UJ
Bromodichloromethane	UG/L		1	U			50	U
Bromoform	UG/L		1	U			50	U
Carbon disulfide	UG/L		5	U			250	U
Carbon tetrachloride	UG/L	500	1	U			50	U
Chlorobenzene	UG/L	100000	1	UJ			50	UJ
Chlorodibromomethane	UG/L		1	U			50	U
Chloroethane	UG/L		1	UJ			50	UJ
Chloroform	UG/L	6000	1	U			50	U
Cis-1,2-Dichloroethene	UG/L		1	U			50	U
Cis-1,3-Dichloropropene	UG/L		1	U			50	U
Ethyl benzene	UG/L		1	UJ			50	UJ
Methyl bromide	UG/L		1	UJ			50	UJ
Methyl butyl ketone	UG/L		5	U			250	U
Methyl chloride	UG/L		1	UJ			50	UJ
Methyl ethyl ketone	UG/L	200000	5	U			250	U
Methyl isobutyl ketone	UG/L		5	U			250	U
Methylene chloride	UG/L		5	UJ			250	UJ
Styrene	UG/L		1	UJ			50	UJ
Tetrachloroethene	UG/L		1	U			50	U
Toluene	UG/L		0.47	J			50	UJ
Total Xylenes	UG/L		1	UJ			50	UJ
Trans-1,2-Dichloroethene	UG/L		1	U			50	U
Trans-1,3-Dichloropropene	UG/L		1	U			50	U
Trichloroethene	UG/L		1	U			50	U
Vinyl acetate	UG/L		5	UJ			250	UJ
Vinyl chloride	UG/L	200	1	U			50	U
1,1'-Biphenyl	UG/L		9.7	U			99	U
1,2,4-Trichlorobenzene	UG/L		9.7	U			99	U
1,2-Dichlorobenzene	UG/L		9.7	U			99	U
1,3-Dichlorobenzene	UG/L		9.7	U			99	U
1,4-Dichlorobenzene	UG/L	7500	9.7	U			99	U
2,4,5-Trichlorophenol	UG/L	400000	9.7	U			99	U
2,4,6-Trichlorophenol	UG/L	2000	9.7	U			99	U
2,4-Dichlorophenol	UG/L		9.7	U			99	U
2,4-Dimethylphenol	UG/L		9.7	U			99	U
2,4-Dinitrophenol	UG/L		19.4	U			198	U
2,4-Dinitrotoluene	UG/L	130	9.7	U			99	U
2,6-Dinitrotoluene	UG/L		9.7	U			99	U
2-Chloronaphthalene	UG/L		0.97	U			9.9	U
2-Chlorophenol	UG/L		9.7	U			99	U
2-Methylnaphthalene	UG/L		0.97	U			7	NJ
2-Methylphenol	UG/L		9.7	U			99	U
2-Nitroaniline	UG/L		9.7	U			99	U
2-Nitrophenol	UG/L		9.7	U			99	U
3 or 4-Methylphenol	UG/L		9.7	U			99	U
3,3'-Dichlorobenzidine	UG/L		9.7	U			99	U

SEAD-1 and SEAD-2 (BLDG 307 and BLDG 301)
WASHWATER FOR DISPOSAL

Location ID			SEAD-1		SEAD-2		SEAD-2	
Building ID/Location			307/Drum		301/Drum		301/Drum	
Sample Type			WATER		WATER		WATER	
Sample Number			307		301D		301	
Sample Date			4/21/2003		4/21/2003		4/21/2003	
Sample Designation			SA		DU		SA	
			BUILDING 301		BUILDING 307		BUILDING 307	
Parameter	**Units**	**Regulatory Level**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
3-Nitroaniline	UG/L		9.7	U			99	U
4,6-Dinitro-2-methylphenol	UG/L		9.7	U			99	U
4-Bromophenyl phenyl ether	UG/L		9.7	U			99	U
4-Chloro-3-methylphenol	UG/L		9.7	U			99	U
4-Chloroaniline	UG/L		9.7	U			99	U
4-Chlorophenyl phenyl ether	UG/L		9.7	U			99	U
4-Nitroaniline	UG/L		9.7	U			99	U
4-Nitrophenol	UG/L		9.7	U			99	U
Acenaphthene	UG/L		0.97	U			7.1	J
Acenaphthylene	UG/L		0.97	U			9.9	U
Anthracene	UG/L		0.97	U			12.2	NJ
Atrazine	UG/L		9.7	U			99	U
Benzaldehyde	UG/L		9.7	U			99	U
Benzo(a)anthracene	UG/L		0.97	U			14.5	NJ
Benzo(a)pyrene	UG/L		0.97	U			11.8	NJ
Benzo(b)fluoranthene	UG/L		0.97	U			17.1	
Benzo(ghi)perylene	UG/L		0.97	U			9.9	U
Benzo(k)fluoranthene	UG/L		0.97	U			9.9	U
Bis(2-Chloroethoxy)methane	UG/L		9.7	U			99	U
Bis(2-Chloroethyl)ether	UG/L		9.7	U			99	U
Bis(2-Chloroisopropyl)ether	UG/L		9.7	U			99	U
Bis(2-Ethylhexyl)phthalate	UG/L		2.9	J			20.9	J
Butylbenzylphthalate	UG/L		9.7	U			99	U
Carbazole	UG/L		9.7	U			11.6	J
Chrysene	UG/L		0.97	U			14.8	NJ
Di-n-butylphthalate	UG/L		9.7	U			13.4	J
Di-n-octylphthalate	UG/L		9.7	U			99	U
Dibenz(a,h)anthracene	UG/L		0.97	U			9.9	U
Dibenzofuran	UG/L		9.7	U			10.1	NJ
Diethyl phthalate	UG/L		9.7	U			99	U
Dimethylphthalate	UG/L		0.52	J			99	U
Diphenylamine	UG/L		9.7	U			99	U
Fluoranthene	UG/L		0.97	U			44.2	
Fluorene	UG/L		0.97	U			10.4	NJ
Hexachlorobenzene	UG/L	130	9.7	U			99	U
Hexachlorobutadiene	UG/L	500	9.7	U			99	U
Hexachlorocyclopentadiene	UG/L		9.7	U			99	U
Hexachloroethane	UG/L		9.7	U			99	U
Indeno(1,2,3-cd)pyrene	UG/L		0.97	U			9.9	U
Isophorone	UG/L		9.7	U			99	U
N-Nitrosodipropylamine	UG/L		9.7	U			99	U
Naphthalene	UG/L		0.97	U			19.6	
Nitrobenzene	UG/L	2000	9.7	U			99	U
Pentachlorophenol	UG/L	100000	25.5				99	U
Phenanthrene	UG/L		0.97	U			57.3	
Phenol	UG/L		9.7	U			10.8	J
Pyrene	UG/L		0.97	U			30.8	
alpha-Terpineol	UG/L		9.7	U			99	U
Aroclor-1016	UG/L		0.098	U			0.098	R
Aroclor-1221	UG/L		0.098	U			0.098	R
Aroclor-1232	UG/L		0.098	U			0.098	R
Aroclor-1242	UG/L		2.2				0.098	R
Aroclor-1248	UG/L		0.098	U			0.098	R
Aroclor-1254	UG/L		0.56				0.098	R
Aroclor-1260	UG/L		0.098	U			0.098	R

SEAD-1 and SEAD-2 (BLDG 307 and BLDG 301)
WASHWATER FOR DISPOSAL

Location ID			SEAD-1		SEAD-2		SEAD-2	
Building ID/Location			307/Drum		301/Drum		301/Drum	
Sample Type			WATER		WATER		WATER	
Sample Number			307		301D		301	
Sample Date			4/21/2003		4/21/2003		4/21/2003	
Sample Designation			SA		DU		SA	
			BUILDING 301		BUILDING 307		BUILDING 307	
Parameter	**Units**	**Regulatory Level**	**Value**	**(Q)**	**Value**	**(Q)**	**Value**	**(Q)**
Aroclor-1262	UG/L		0.098	U			0.098	R
Aroclor-1268	UG/L		0.098	U			0.098	R
Aluminum	UG/L		1160	J	2380	J	2220	J
Antimony	UG/L		2.63	UJ	2.63	UJ	4.05	J
Arsenic	UG/L	5000	9.55	J	1210	J	1220	J
Barium	UG/L	100000	27.2	J	58.6	J	55.3	J
Beryllium	UG/L		0.16	UJ	0.16	UJ	0.16	UJ
Boron	UG/L		557	J	327	J	328	J
Cadmium	UG/L	1000	1.43	J	14.9	J	14.9	J
Calcium	UG/L		53500	J	164000	J	166000	J
Chromium	UG/L	5000	14.8	J	17.9	J	17.1	J
Cobalt	UG/L		0.65	J	9.37	J	9.39	J
Copper	UG/L		25.2	J	140	J	140	J
Iron	UG/L		9360	J	9340	J	9000	J
Lead	UG/L	5000	65.4	J	4590	J	4490	J
Magnesium	UG/L		13000	J	23500	J	23600	J
Manganese	UG/L		124	J	258	J	255	J
Mercury	UG/L	200	0.302	J	0.052	UJ	0.054	J
Molybdenum	UG/L		7.02	J	20.3	J	20.3	J
Nickel	UG/L		8.94	J	40.4	J	40.5	J
Phosphorous	UG/L		244	J	6370	J	6340	J
Potassium	UG/L		12800	J	188000	J	191000	J
Selenium	UG/L	1000	17.8	J	34.2	J	37.8	J
Silica	UG/L		6870	J	34200	J	37900	J
Silicon	UG/L		3140	J	15600	J	17300	J
Silver	UG/L		1.57	J	6.84	J	6.9	J
Sodium	UG/L		97200	J	209000	J	211000	J
Strontium	UG/L		250	J	470	J	474	J
Sulfur	UG/L		19900	J	186000	J	181000	J
Thallium	UG/L		7.18	J	9.39	J	10.4	J
Tin	UG/L		53.7	UJ	21.5	UJ	21.5	UJ
Titanium	UG/L		17.5	J	49.9	J	48.5	J
Uranium	UG/L		4.98	UJ	4.98	UJ	4.98	UJ
Vanadium	UG/L		3.95	J	129	J	130	J
Zinc	UG/L		1090	J	2200	J	2180	J

NOTES:

SA = Sample
FB = Field Blank
TB = Trip Blank
(Q) = Data Qualifier
U = Undetected
J = Estimated Value
UJ =
NJ =
Detected Compound

The drummed washwater is non-hazardous by characteristics for off-site disposal purposes.

APPENDIX B

DISPOSAL DOCUMENTATION

THIS MEMORANDUM is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, not a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

To: DAN Hoffner From: Yvonne WA/serman

Shipper's No. SAD030619

(Carrier) INDUSTRIAL OIL TANK SVC CORP. SCAC. _____ Carrier's No. 6A-282

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at IOTSC, date 6/19/03 from Seneca Army Depot

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	FROM:
Consignee INDUSTRIAL OIL TANK SVC CORP.	Shipper Seneca Army Depot
Street 120 DRY RD.	Street Route 96
Destination ORISKANY, NY Zip 13424	Origin Romulus, NY Zip
Route: NYR000005298	

Delivering Carrier: INDUSTRIAL OIL TANK SVC CORP. | Trailer Initial/Number: TK12 | U.S. DOT Hazmat Reg. Number: 256099

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
10		NON-RCRA/NON-DOT Regulated Material	N/A	N/A	N/A	500 #/ea.			
		Time left:	7:00						
		Time arrive:	9:15						
		Time depart:	9:45						
		Time @ Shop:	12:00						

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of consignor)

C. O. D. FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight". Note – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED NO **PLACARDS SUPPLIED** ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SPECIAL INSTRUCTIONS:

SHIPPER: Seneca Army Depot
PER: _____ DATE: 6/19/03
Permanent post office address of shipper

CARRIER: INDUSTRIAL OIL TANK SERVICE CORP.
PER: _____ DATE: 6/19/03
EMERGENCY RESPONSE TELEPHONE NUMBER: (315) 736-6030
Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

29-BLS-C4 (Rev. 6/95)

07/16/03 01:21pm P.001

INDUSTRIAL OIL TANK SERVICE CORP.

VACUUM TRUCK & TRANSPORTATION SERVICES
WASTE DISPOSAL - PETROLEUM RECYCLING
REMEDIATION SUPPLIES

120 Dry Road
Oriskany, New York 13424
Telephone: (315) 736-6080
Fax: (315) 736-4649

EPA NO. NYR000005298

PLEASE ATTACH: All Material Safety Data Sheets (MSDS), Analytic Reports, Handling Procedures, additional related information, Supplied Data & Comments

Generator Name: SENECA ARMY DEPOT ACTIVITY
Facility Address: ROUTE 96
City, State, Zip: ROMULUS NY 14541
Technical Contact: STEVE ABSOLOM (Name) (Title)
Area Code (607) Telephone # 869-1309
Facility EPA ID # N/A

SPECIFIC GENERATING PROCESS INFORMATION:
PPE GENERATED FROM PRESSURE
WASHING INTERIOR OF 2 buildings

CHEMICAL COMPOSITION:

SOLIDS	99%-100 %
Liquid	0% %
	%
	%
	%
	%
	%
	%
	%

Certification:
I hereby certify that I have personally examined and am familiar with the information submitted in this and all attached documents. Based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete to the best of my knowledge and that all known and suspected hazards have been disclosed.

Thomas [signature] 6-11-03
Signature Date

Name/Distributor Date

Approved For Acceptance: ( ) Yes ( ) No
Sales Rep. ______
Handling Code ______ Date ______

Billing Address: 153 BROOKS ROAD
BLDG 201 GAFB
City, State, Zip: ROME NY 13441
Business Contact: RICH STAPLETON (Name) (Title)
Area Code (315) Telephone # 336-2100
Common Name of Waste: NON HAZ PPE
EPA Haz. Waste No.: N/A Non RCRA No.:
Container Type: [X] Drum ( ) Bulk ( ) Other ______
Rate of Generation: 2 DRUMS OF SOLID PPE (Quantity) (Units) (Per Mo./Yr.)
Proper DOT Shipping Name: Include RQ Information
NOT REGULATED
Add'l Desc:
Hazard Class: N/A UN/NA No. N/A

PHYSICAL DESCRIPTION:
Physical State: ( ) Liquid ( ) Semi Solid [X] Solid
Viscosity: [X] Low ( ) Medium ( ) High
Liquid Layering: [X] None ( ) Bilayered ( ) Multilayered
Solids (Wt%): BS+W 100% Total ______
Free Liquid: ( ) Yes [X] No
Odor: None Color: None
Total Halogen (%): NONE TOC (ppm)
Flash Point °F: > 200 BTU/lb: NA
PCB (ppm): NONE Pesticide/Herbicide (ppm): NONE

METALS (mg/kg or mg/l):
& NONE FOR ALL

	Total	TCLP		Total	TCLP
Antimony (Sb)			Lead (Pb)		
Arsenic (As)			Mercury (Hg)		
Barium (Ba)			Nickel (Ni)		
Beryllium (B)			Selenium (Se)		
Cadmium (Cd)			Silver (Ag)		
Chromium (Cr)			Thallium (Tl)		
Copper (Cu)			Zinc (Zn)		

SEE ATTACHED ANALYTICALS
+ COC

INDUSTRIAL OIL TANK SERVICE CORP.

VACUUM TRUCK & TRANSPORTATION SERVICES
WASTE DISPOSAL - PETROLEUM RECYCLING
REMEDIATION SUPPLIES

120 Dry Road
Oriskany, New York 13424
Telephone: (315) 736-6080
Fax (315) 736-4649

EPA NO. NYR000005298

PLEASE ATTACH: All Relevant Safety Data Sheets, (MSDS), Analysis Reports, Handling Procedures, Additional Hazard Information, Support Data & Certificate

Generators Name: Seneca Army Depot Activity
Facility Address: Route 96
City, State, Zip: Romulus, NY 14541
Technical Contact: STAVE ABSOLOM (Name) (Title)
Area Code 607) Telephone # 869-1309
Facility EPA ID #: N/A
Specific Process Generating Waste: Generated from pressure washing interior walls + floor of 2 buildings

Billing Address: 153 Brooks Road Bldg 301 GAFB
City, State, Zip: Rome NY 13441
Business Contact: Rich Stapleton Superintendent (Name) (Title)
or Yvonne Welcome
Area Code (315) Telephone # 336-2100
Common Name of Waste: Non-hazardous Waste Water
ERA Haz. Waste No.: N/A Non RCRA No.:
Container Type: (X) Drums ( ) Bulk ( ) Other
Rate of Generation: 8 DRUMS OF LIQUID (Quantity) (Units) Per (Mo./Yr.)
Proper DOT Shipping Name: Include RQ Information

Chemical Composition	Percentage
Water	99-100%
SODIUS	0%-1%
	%
	%
	%
	%
	%
	%
	%

Add'l Data:
Hazard Class: N/A UN/NA No.: N/A

Physical Description:
Physical State: (X) Liquid ( ) Semi Solid ( ) Solid
Viscosity: ( ) Low ( ) Medium (X) High
Liquid Layering: (X) None ( ) Bilayered ( ) Multilayered
Solids (Wt%): Dissolved Total
Free Liquid: (X) Yes ( ) No
Odor: NONE Color
Total Halogen (%): 0 % BTU (ppm)
Flash Point °F: >200 BTU/lb: None
PCB (ppm): <1% Pesticide/Herbicides (ppm): <1%

Certification:
I hereby certify that I have personally examined and am familiar with the information submitted in this and all attached documents. Based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete to the best of my knowledge. I am aware that all known and suspected hazards have been disclosed.

Thomas Grant 6-11-03
Signature Date

Name/Distributor Date

Approved for Acceptance: ( ) Yes ( ) No
Sales Rep.
Handling Code Date

	Total	TCLP		Total	TCLP
Antimony (Sb)		<4.050	Lead (Pb)		44.9
Arsenic (As)		9.550	Mercury (Hg)		0.202
Barium (Ba)		55.3	Nickel (Ni)		10.5
Beryllium (Be)		0.160	Selenium (Se)		37.8
Cadmium (Cd)		14.9	Silver (Ag)		6.900
Chromium (Cr)		17.1	Thallium (Tl)		10.4
Copper (Cu)		140	Zinc (Zn)		250

mg/L

See attached analytical Results + COC

APPENDIX C

DAILY FIELD REPORTS

Daily Field Report

JOB NAME	Bldg 301/307 Closure Remedial Action	DATE	Monday, April 14, 2003
CONTRACT		REPORT NO.	4/14/03
PROJECT		WEATHER	Sunny/Clear
JOB #	743157	TEMPERATURE	50≈65
CLIENT	Corps Of Engineers	TIME/HRS	630 –5:00

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Dan Douglass	10
F450	Crew Cab Rack Truck	1	Rich Stapleton	10
Power Washer/Steamer		1	Yvonne Walseman	10
Air Compressor, 185 cfm		1	Jim Goldrick	10
Generator, 5000 watt		1		
Vacuum Storage Tank 5000 gal		1		

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit

Work in progress or complete (including subcontractors):

- Mobilized equipment and personnel to site.
- Removed government spill control materials from Bldg 307 and staged in area designated by client representatives.
- Established exclusion zones for each location.
- Applied water for dust suppression and removed oversize debris from floors of Bldgs 301 and 307. Placed collected debris in drum.
- Secured sites for the evening.

Verbal discussions/Instructions:

Visitors and Subcontractors:

Accidents reported today:	**0**	**Accidents to date:**	**0**

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JOB NAME	Bldg 301/307 Closure	REPORT NO.	4/14/03	DATE	April 14, 2003

Building 307 after debris removal.

Building 301 after debris removal.

Daily Field Report

JOB NAME	Bldg 301/307 Closure Remedial Action	DATE	Tuesday, April 15, 2003
CONTRACT		REPORT NO.	4/15/03
PROJECT		WEATHER	Sunny/Clear
JOB #	743157	TEMPERATURE	50≈75
CLIENT	Corps Of Engineers	TIME/HRS	630 –5:00

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Dan Douglass	10
F450	Crew Cab Rack Truck	1	Rich Stapleton	10
Power Washer/Steamer		1	Jim Goldrick	10
Air Compressor, 185 cfm		1		
Generator, 5000 watt		1		
Vacuum Storage Tank 5000 gal		1		

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit

Work in progress or complete (including subcontractors):

- Setup washing equipment at Bldg 301.
- Detergent washed walls and floors. Collected rinsate and placed into drums.
- Rinsed walls and floors with clean water three times. Collected rinsate and placed into drums. Approximately 130 gallons of rinsate was collected.
- Secured sites for the evening.

Verbal discussions/Instructions:

Visitors and Subcontractors:

Dan Hoffner	PARSONS	QC

Accidents reported today:	**0**	**Accidents to date:**	**0**

JOB NAME	Bldg 301/307 Closure	REPORT NO.	4/15/03	DATE	April 15, 2003

Performing cleaning operations at Bldg 301.

After completion of rinsing operations.

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Daily Field Report

JOB NAME	Bldg 301/307 Closure Remedial Action	DATE	Wednesday, April 16, 2003
CONTRACT		REPORT NO.	4/16/03
PROJECT		WEATHER	Sunny/Clear
JOB #	743157	TEMPERATURE	60≈40
CLIENT	Corps Of Engineers	TIME/HRS	630 –5:00

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Dan Douglass	10
F450	Crew Cab Rack Truck	1	Rich Stapleton	10
Power Washer/Steamer		1	Jim Goldrick	10
Air Compressor, 185 cfm		1		
Generator, 5000 watt		1		
Vacuum Storage Tank 5000 gal		1		

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit

Work in progress or complete (including subcontractors):

- Setup washing equipment at Bldg 307.
- Placed rinsate collection equipment beneath walls to collect rinsate outside of building.
- Detergent washed walls and collected rinsate and placed into drums.
- Detergent washed floors and collected rinsate and placed into drums. Applied degreaser to stained areas. Floor coating is discolored, concrete beneath is not discolored.
- Rinsed walls and floors with clean water three times. Collected rinsate and placed into drums. Approximately 230 gallons of rinsate was collected.
- Secured sites for the evening.

Verbal discussions/Instructions:

Visitors and Subcontractors:

Bill Bradford Dan Hoffner	PARSONS PARSONS	H&S Audit QC

Accidents reported today:	**0**	**Accidents to date:**	**0**

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JOB NAME	Bldg 301/307 Closure	REPORT NO.	4/16/03	DATE	April 16, 2003

Collecting rinsate from wall washing

Washing inside of Bldg 307.

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Daily Field Report

JOB NAME	Bldg 301/307 Closure Remedial Action	DATE	Thursday, April 17, 2003
CONTRACT		REPORT NO.	4/17/03
PROJECT		WEATHER	Sunny/Clear
JOB #	743157	TEMPERATURE	35≈50
CLIENT	Corps Of Engineers	TIME/HRS	630 –5:00

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Dan Douglass	10
F450	Crew Cab Rack Truck	1	Rich Stapleton	10
Power Washer/Steamer		1	Jim Goldrick	10
Air Compressor, 185 cfm		1		
Generator, 5000 watt		1		
Vacuum Storage Tank 5000 gal		1		

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit

Work in progress or complete (including subcontractors):

- Prepared for soil sampling at Bldg 301.
- Established soil sample locations outside of building. Existing conditions contain asphalt materials associated with roadway pavements and railroad track beds to include railroad ties located within 2'0" of the building.
  Collected 12 surface soil samples.
- Secured sites for the evening.

Verbal discussions/Instructions:

Visitors and Subcontractors:

Accidents reported today:	**0**	**Accidents to date:**	**0**

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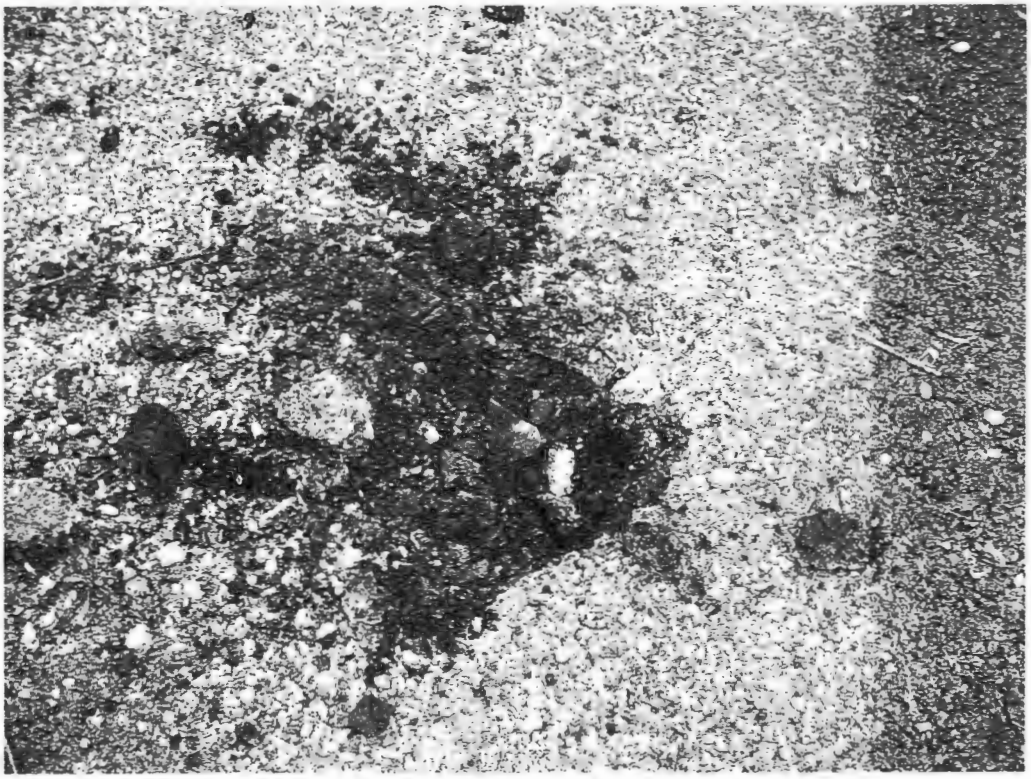
JOB NAME	Bldg 301/307 Closure	REPORT NO.	4/17/03	DATE	April 17, 2003



Asphalt pavement materials around exterior of building.

Location of railroad bed adjacent to building.

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Daily Field Report

JOB NAME	Bldg 301/307 Closure Remedial Action	DATE	Friday, April 18, 2003
CONTRACT		REPORT NO.	4/18/03
PROJECT		WEATHER	Sunny/Clear
JOB #	743157	TEMPERATURE	50≈55
CLIENT	Corps Of Engineers	TIME/HRS	630 –5:00

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Dan Douglass	0
F450	Crew Cab Rack Truck	1	Rich Stapleton	0
Power Washer/Steamer		1	Jim Goldrick	10
Air Compressor, 185 cfm		1	Dale Dolph	5
Generator, 5000 watt		1		
Vacuum Storage Tank 5000 gal		1		

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit

Work in progress or complete (including subcontractors):

- Prepared for soil sampling at Bldg 307.
- Established soil sample locations outside of building. Existing conditions contain crushed limestone materials to facilitate building drainage.
  Collected 12 surface soil samples.
- Secured sites for the evening.

Verbal discussions/Instructions:

Visitors and Subcontractors:

Accidents reported today:	**0**	**Accidents to date:**	**0**

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JOB NAME	Bldg 301/307 Closure	REPORT NO.	4/18/03	DATE	April 18, 2003

No Photos Taken During Sampling Activities.

Daily Field Report

JOB NAME	Bldg 301/307 Closure Remedial Action	DATE	Monday, April 21, 2003
CONTRACT		REPORT NO.	4/21/03
PROJECT		WEATHER	Sunny/Clear
JOB #	743157	TEMPERATURE	50≈55
CLIENT	Corps Of Engineers	TIME/HRS	630 –5:00

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Dan Douglass	10
F450	Crew Cab Rack Truck	1	Rich Stapleton	10
Power Washer/Steamer		1	Jim Goldrick	10
Air Compressor, 185 cfm		1		
Generator, 5000 watt		1		
Vacuum Storage Tank 5000 gal		1		

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit

Work in progress or complete (including subcontractors):

- Layout of rinsate sampling grids for the interior of buildings 301 and 307.
- Obtained characterization samples for the rinsate liquid generated during cleaning at 301 and 307.
- Obtained interior PCB wipe samples at building 307.
- Secured sites for the evening.

Verbal discussions/Instructions:

Visitors and Subcontractors:

Accidents reported today:	**0**	**Accidents to date:**	**0**

JOB NAME	Bldg 301/307 Closure	REPORT NO.	4/21/03	DATE	April 21, 2003

Obtaining a PCB wipe sample.

Daily Field Report

JOB NAME	Bldg 301/307 Closure Remedial Action	DATE	Tuesday, April 22, 2003
CONTRACT		REPORT NO.	4/22/03
PROJECT		WEATHER	Sunny/Clear
JOB #	743157	TEMPERATURE	50≈55
CLIENT	Corps Of Engineers	TIME/HRS	630 –5:00

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Dan Douglass	10
F450	Crew Cab Rack Truck	1	Rich Stapleton	10
Power Washer/Steamer		1	Jim Goldrick	10
Air Compressor, 185 cfm		1	Dale Dolph	0
Generator, 5000 watt		1		
Vacuum Storage Tank 5000 gal		1		

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit

Work in progress or complete (including subcontractors):

- Obtained interior wall wipe samples in Bldg 307.
- Began collecting rinsate samples from Bldg 307.
- Completed 10 random rinsate samples at 307.
- Secured sites for the evening.

Verbal discussions/Instructions:

Visitors and Subcontractors:

Accidents reported today:	**0**	**Accidents to date:**	**0**

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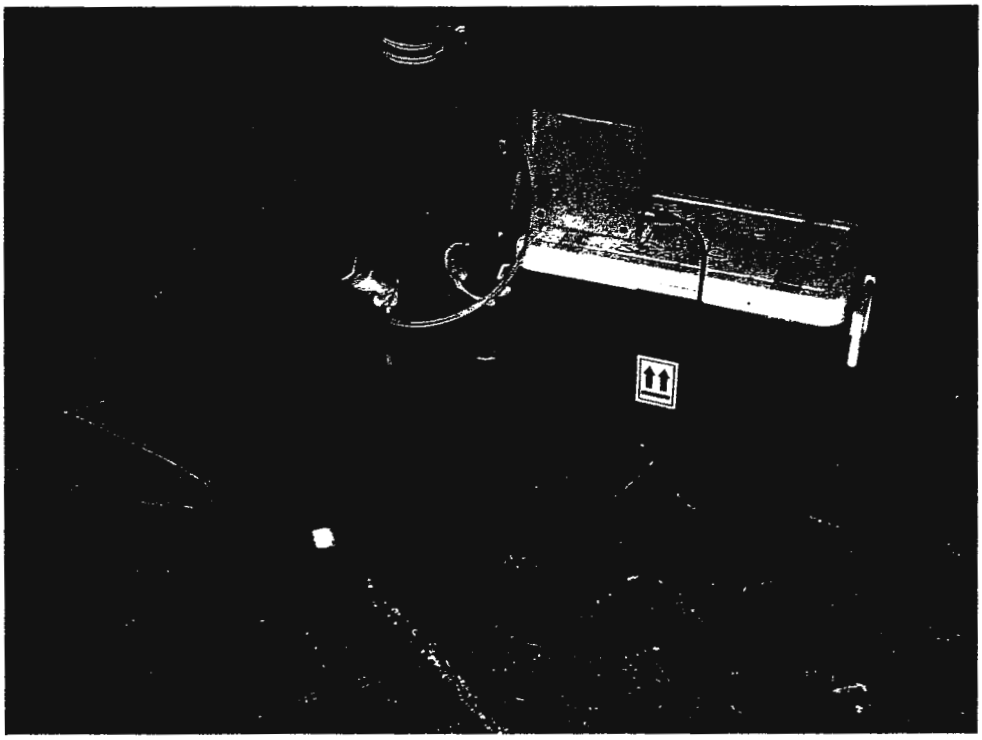
JOB NAME	Bldg 301/307 Closure	REPORT NO.	4/22/03	DATE	April 22, 2003

Rinsate berm.



Collecting rinsate samples.

Daily Field Report

JOB NAME	Bldg 301/307 Closure Remedial Action	DATE	Wednesday, April 23, 2003
CONTRACT		REPORT NO.	4/23/03
PROJECT		WEATHER	Sunny/Clear
JOB #	743157	TEMPERATURE	50≈55
CLIENT	Corps Of Engineers	TIME/HRS	630 –5:00

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Dan Douglass	10
F450	Crew Cab Rack Truck	1	Rich Stapleton	10
			Jim Goldrick	10

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit

Work in progress or complete (including subcontractors):

- Completed rinsate samples at Bldg 307.
- Mobilized to Bldg 301 for rinsate and wipe samples.
- Obtained 8 rinsate samples inside Bldg 301.
- Secured sites for the evening.

Verbal discussions/Instructions:

Visitors and Subcontractors:

Dan Hoffner	PARSONS	QC

Accidents reported today:	**0**	**Accidents to date:**	**0**

JOB NAME	Bldg 301/307 Closure	REPORT NO.	4/23/03	DATE	April 23, 2003

Rinsate dike and collection pump.

Sampling Equipment

Daily Field Report

JOB NAME	Bldg 301/307 Closure Remedial Action	DATE	Thursday, April 24 2003
CONTRACT		REPORT NO.	4/2403
PROJECT		WEATHER	Sunny/Clear
JOB #	743157	TEMPERATURE	50≈55
CLIENT	Corps Of Engineers	TIME/HRS	630 –5:00

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Yvonne Walseman	10
F450	Crew Cab Rack Truck	1	Rich Stapleton	10
			Jim Goldrick	10

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit

Work in progress or complete (including subcontractors):

- Completed rinsate samples at Bldg 301 on the exterior ramp locations.
- Obtained PCB wipe samples from the interior floor and walls.
- Obtained chip samples of the exterior ramp areas for PCB analysis.
- Secured sites for the evening.
- Demobilized from the site.

Verbal discussions/Instructions:

Visitors and Subcontractors:

Dan Hoffner	PARSONS	QC

Accidents reported today:	**0**	**Accidents to date:**	**0**

JOB NAME	Bldg 301/307 Closure	REPORT NO.	4/24/03	DATE	April 24, 2003

Rinsate location on exterior ramp.

PCB Wipe sample Bldg 301.

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