Limited Remedial Action Work Plan and Supplemental Site Investigation Summary Report

Former Gorham Manufacturing Site, Parcel B
333 Adelaide Avenue
Providence, Rhode Island

Prepared for

City of Providence
Department of Public Property
Providence, Rhode Island 02903

Prepared by

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CONTENTS

ACRONYMS AND ABBREVIATIONS

EA	EA Engineering, Science, and Technology, Inc.
EPA	U.S. Environmental Protective Agency
f/c^3	Fibers per cubic centimeter
LRAWP	Limited Remedial Action Work Plan
mg/L	Milligrams per liter
mg/m^3	Milligrams per cubic meter
PAH	Polycyclic aromatic hydrocarbon
PCM	Phase contrast microscopy
PLM	Polarized light microscopy
PP13	Priority Pollutant 13
PPE	Personal protective equipment
ppm	Parts per million
RIAL	Rhode Island Analytical Laboratory
RIDEM	Rhode Island Department of Environmental Management
SACBM	Suspect asbestos-containing building materials
TPH	Total petroleum hydrocarbon
VOC	Volatile organic compound

1. INTRODUCTION

On behalf of the Providence Department of Public Property, EA Engineering, Science, and Technology, Inc. (EA) is providing this Limited Remedial Action Work Plan (LRAWP) and Supplemental Site Investigation Summary Report (Summary Report) for the Former Gorham Manufacturing Facility, Parcel B at 333 Adelaide Avenue in Providence, Rhode Island (the Site). This Summary Report summarizes the site activities between 9 August 2005 and 6 September 2005, and is intended to summarize the approved site activities outlined in the LRAWP (dated 12 July 2005) and the subsequent Final Response to Rhode Island Department of Environmental Management (RIDEM) Comments concerning the LRAWP (dated 4 August 2005). In addition, this Summary Report includes a description of supplemental site investigation activities completed in accordance with the Final Response to RIDEM Comments concerning the LRAWP and additional RIDEM requirements communicated verbally to EA on 1 September 2005.

A site locus map and a site plan illustrating Parcel B are provided in Appendix A.

1.1 APPROVED LIMITED REMEDIAL ACTION WORK PLAN SCOPE OF WORK

The LRAWP, as amended by the Final Response to RIDEM Comments concerning the LRAWP, consisted of the following approved scope of work:

- Preparation and distribution of a Community Notice to property owners abutting the Site.
- Collection of baseline air monitoring data prior to site preparation activities.
- Collection of surficial soil data for laboratory analysis of asbestos prior to site preparation activities.
- Soil excavation, screening, segregation, backfilling, and compaction.
- Daily upwind, downwind, and personal air monitoring/sampling activities for lab analysis of nuisance dust and asbestos.
- Inspection and segregation of excavated soil and debris for suspect asbestos-containing building materials (SACBM) and brick containing asbestos or lead paint.
- Asbestos abatement via proper handling and disposal of SACBM identified during the soil excavation and screening operations.
- Application of water to the work areas through the use of a water truck, hoses, and/or sprinklers to minimize the potential for nuisance dust and/or asbestos exposure to onsite workers and offsite residences.

- Maintenance, as necessary, of the perimeter fabric wind screen designed to minimize the potential for nuisance dust and/or asbestos exposure to onsite workers and offsite residences.
- Installation of utility trenching in the vicinity of the Site's southern property line.
- Installation of three utility poles in the vicinity of the Site's northern property line.
- Removal/grubbing of several trees and vegetation along the northern site boundary.
- Crushing of concrete and/or brick materials screened from excavated soils and segregated as suitable material for backfill.

With the exception of the last three bulleted items listed above, the approved LRAWP scope of work was completed at the Site.

1.2 APPROVED SUPPLEMENTAL SITE INVESTIGATION SCOPE OF WORK

In accordance with the RIDEM requirement that supplemental site investigation data be collected in areas of the Site disturbed by the LRAWP activities and in areas where possible historical site operations may have resulted in subsurface contamination, EA implemented the following scope of work:

- Installation of eight soil borings at various locations across the Site.
- Field screening, soil sample collection, and laboratory analysis of volatile organic compounds (VOCs), priority pollutant metals (PP-13), total petroleum hydrocarbons (TPH), and polycyclic aromatic hydrocarbons (PAHs) in soil collected from the eight soil borings referenced above.
- Per additional request from RIDEM after the LRAWP scope of work was approved, installation of groundwater monitoring wells in two of the borings in the vicinity of the north-northwest portion of the Site.
- Per additional request from RIDEM after the LRAWP scope of work was approved, collection and analysis of VOCs and TPH in groundwater samples from the two monitoring wells referenced above.

The entire supplemental site investigation scope of work was completed at the Site.

2. SUMMARY OF THE COMPLETED LRAWP SCOPE OF WORK

2.1 PREPARATION AND DISTRIBUTION OF COMMUNITY NOTICE

A Community Notice in both English and Spanish was prepared and distributed to Site Abutters on 5 August 2005, a minimum of 72 hours in advance of initiating any approved LRAWP activities. The Community Notice included, but was not limited to, information regarding the site preparation activities, engineering controls (water application for dust control, fabric wind screen, hay bales, silt fencing, etc.) to be implemented, the expected work start and end dates, information regarding SACBM identified at the Site, and information regarding how interested parties may obtain more information about the LRAWP or who to contact to ask questions about the work. Copies of the Community Notice and a list of abutting property owners to whom a copy of the notice was mailed are provided in Appendix B. Several residents of properties that do not abut the Site contacted EA and requested copies of the Community Notice. A copy of the Community Notice was hand delivered to these residents within 24 hours of their requests.

2.2 BASELINE AIR MONITORING

A baseline dust-monitoring program designed to be protective and proactive relative to minimizing and measuring potential impacts to off-site air quality was implemented at the Site. The RIDEM-approved dust-monitoring program was developed in conjunction with environmental air monitoring specialists from Rhode Island Analytical Laboratory (RIAL) of Warwick, Rhode Island.

The baseline assessment included upwind and downwind air sample collection via low-volume pumps on 9 and 10 August 2005. The upwind and downwind sampling locations were selected based upon observed meteorological conditions. The baseline assessment samples were lab analyzed for nuisance dust and asbestos via phase contrast microscopy (PCM). Nuisance dust and asbestos were not detected above the laboratory's respective detection limits of 0.66 milligrams per cubic meter (mg/m^3) and 0.005 fibers per cubic centimeter (f/c^3) in the baseline assessment samples. Copies of the lab reports for the baseline assessment samples are provided in the RIAL Project Closeout Report in Appendix C. More information regarding daily air monitoring completed throughout the LRAWP activities is presented in Section 2.5.

2.3 PRELIMINARY SOIL SAMPLING

On 9 August 2005, prior to initiation of the site preparation activities, a total of eight soil samples were collected from representative surficial locations proposed for disturbance, and analyzed for asbestos via polarized light microscopy (PLM). A figure depicting the approximate soil sample locations is provided in Appendix A. Asbestos was not detected in any of the eight preliminary soil samples. A copy of the lab report for the preliminary soil samples is provided in the RIAL Project Closeout Report in Appendix C.

2.4 SOIL EXCAVATION, SCREENING, SEGREGATION, BACKFILLING, AND COMPACTION

Between 12 August and 6 September 2005, loose fill material, including buried foundations and construction/demolition debris, was excavated from within the proposed building area, visually inspected, and screened for suitable versus unsuitable backfill materials. These site activities occurred on each day between the dates listed above, with the exception of weekends, Labor Day, 19 August, and 22 August 2005. Please refer to the figure provided in Appendix A depicting the limits of disturbance for the approximate area where site preparation activities were completed. RIAL inspection personnel were on-site during each day of site preparation activities. The role of the RIAL inspector, in addition to having the responsibility of setting up and implementing the air monitoring program (refer to Section 2.5), was to visually inspect all excavated soil and debris for SACBM and bricks containing lead paint. In the event that SACBM or bricks containing lead paint were identified, the RIAL inspector provided direction to the equipment operators and asbestos abatement contractor regarding segregation and proper handling of the materials. No bricks with paint that could potentially contain lead were identified during implementation of the LRAWP. All SACBM identified at the Site by the RIAL asbestos inspector were wetted, collected in double plastic garbage bags, sealed with duct tape, and placed within a dumpster designated for future off-site asbestos disposal by a trained asbestos abatement contractor wearing personal protective equipment (PPE) from Pasquazzi Bros., Inc. (Pasquazzi) of Cranston, Rhode Island. The SACBM was identified in excavated soil during the site preparation activities and at several locations across the entire Site where site preparation activities did not occur. The SACBM consisted of various pieces of transite, chrysotile, and amosite. The dedicated asbestos dumpster, containing a total of 34 bags of SACBM, was transported off-site by Pasquazzi on 7 September 2005. Transportation responsibility of the dumpster will be transferred from Pasquazzi to Service Transport Group, Inc. of New Castle, Delaware. Ultimate disposal of the material in the dumpster will be at A&L Salvage, Inc. (Permit No. OH EPA 139120) in Lisbon, Ohio. A preliminary copy of the Waste Shipment Record (No. 192707) is included in Appendix D. Once the transportation and disposal process is complete, a final copy of the Waste Shipment Record with all applicable signatures will be provided to RIDEM.

The majority of concrete and brick materials determined to be free of SACBM and/or lead paint were stockpiled on-site for future reuse as engineered fill beneath the proposed building. Large pieces of concrete were broken up into smaller pieces with an excavator hammer to facilitate future on-site crushing operations. Concrete and brick crushing activities that were originally included in the approved scope of work were not completed during this LRAWP. A small percentage of concrete and brick materials determined to be free of SACBM, along with any metal, wood, or other unsuitable non-SACBM materials, was removed from the excavated soil via mechanical screening or manual segregation and placed in dumpsters for proper off-site disposal. A total of approximately 202 tons of metal, wood, or other unsuitable non-SACBM materials was generated and disposed off-site at the Central Landfill in Johnston, Rhode Island, and a total of approximately 16 tons of metal was generated and transported off-site for recycling at Metals Recycling in Johnston, Rhode Island. Copies of the associated disposal paperwork are included in Appendix D.

Screened soils excavated during the LRAWP activities were temporarily stockpiled in the vicinity of the excavation pending backfilling operations. If temporary soil stockpiles were not used as backfill by the end of the daily site activities, said stockpiles were completely covered with 6-mil polyethylene sheeting to prevent wind or water erosion and potential contaminant migration. No soil stockpiles remain at the Site following implementation of the LRAWP.

No clean fill was delivered to the Site, and no Site soils were transported off-site during the LRAWP activities. Site access was controlled through the maintenance of an existing locking chain-link fence around the Site perimeter. Fabric windscreen installed around the perimeter fencing was routinely maintained throughout the LRAWP activities, and water was routinely applied to the work areas for dust control, as needed (refer to Section 2.6 for more information regarding routine water application procedures). Mashapaug Pond and the associated wetlands were protected through the maintenance of existing silt fence and hay bales to prevent soil entrained in stormwater runoff from impacting the adjacent sensitive environment.

Daily Field Logs, documenting general site activities, the names of subcontractors on-site performing work, and other pertinent information as deemed applicable, were completed by EA. In addition, photographs representative of site activities were taken by EA throughout the LRAWP activities. Copies of the Daily Field Logs and representative photographs are provided in Appendix E.

2.5 DAILY UPWIND, DOWNWIND, AND PERSONAL AIR MONITORING/ SAMPLING ACTIVITIES

As previously mentioned in Section 2.2, a dust-monitoring program designed to be protective and proactive relative to minimizing and measuring potential impacts to off-site air quality, was implemented at the Site. The RIDEM-approved dust-monitoring program was developed in conjunction with environmental air monitoring specialists from RIAL of Warwick, Rhode Island. The dust-monitoring program was supplemented by a dust suppression program (windscreen installation and maintenance, and regular water application) to prevent particulate matter from becoming airborne in accordance with RIDEM Air Pollution Control Regulation No. 5 – Fugitive Dust. The dust-monitoring program included daily on-site monitoring and sampling by personnel from RIAL during all site preparation activities.

During each day when on-site preparation activities were ongoing, two stationary sampling stations (one upwind and one downwind, based upon meteorological conditions) were established, and three on-site workers were selected to wear personal air sampling apparatus for nuisance dust and asbestos analysis. Each sampling location utilized a low volume sampling pump to collect a time-weighted sample over the course of the workday during hours of on-site activities. The samples were lab analyzed for nuisance dust and asbestos via PCM. Action levels established in accordance with applicable Occupational Safety and Health Administration, EPA, and Rhode Island Department of Health guidelines and required responses for dust and asbestos were included in Table 3 of the Site Safety, Health, and Emergency Response Plan previously provided to RIDEM. The respective asbestos and nuisance dust action levels were not exceeded in any of the samples collected throughout the site preparation activities. Copies of

all dust and asbestos sampling data were forwarded to RIDEM on a weekly basis for the first 3 weeks of the LRAWP. Copies of all dust sampling data, including data collected during the fourth and final week of site preparation activities, are provided in the RIAL Project Closeout Package in Appendix C.

2.6 APPLICATION OF WATER TO WORK AREA

A tanker truck equipped with multiple spray nozzles regularly traversed the work area applying water throughout the course of excavation activities, as needed. Manual application of water to specific work areas, debris, soil piles, and any other areas in need of dust control not covered by the tanker truck's spray nozzles was implemented as needed throughout the LRAWP activities. In addition, two water sprinklers were used to apply additional water to specific work areas in need of dust control not covered by the tanker truck's spray nozzles.

2.7 INSTALLATION OF UTILITY TRENCHING IN THE VICINITY OF THE SITE'S SOUTHERN PROPERTY LINE

On 24 August 2005, a trench was excavated in the vicinity of the southern property line to facilitate electric and phone utility installation for a temporary construction trailer located at the Site. The trench measured approximately 3 feet wide by 25 feet long by 3 feet deep. Please refer to the figure provided in Appendix A depicting the limits of disturbance for the approximate location of the utility trench. No clean fill was used to backfill the trench. Water was manually applied to the trench excavation area throughout the trenching activities. No other utility trenching was completed during this LRAWP.

3. SUMMARY OF THE COMPLETED SUPPLEMENTAL SITE INVESTIGATION SCOPE OF WORK

3.1 INSTALLATION OF EIGHT SOIL BORINGS

On 2 September 2005, a representative soil sampling program was completed at the conclusion of the site preparation activities in order to determine whether said activities have impacted historical concentrations of hazardous materials in site soil, and to supplement site investigation data previously collected at the Site. The post-site preparation soil sampling program consisted of eight soil borings via Geoprobe® across the areas of disturbance and analyzed for TPH, PAHs, VOCs, and priority pollutant metals (PP13 Metals). A figure illustrating the post-site preparation soil sampling locations, identified as Post LRAWP-1 though Post LRAWP-8, is provided in Appendix A. The depth of the borings ranged from 25 to 32.5 feet below grade. Boring Logs are provided in Appendix F.

3.2 SOIL DATA COLLECTION AND LABORATORY RESULTS

Soil headspace samples were collected in 5-ft intervals and screened for VOCs via a photo-ionization detector. Soil headspace data for the majority of the samples collected from all borings were between "ND" (not detected at the instrument's detection limit of 0.1 and 1 parts per million (ppm), with the exception of the sample from Post LRAWP-1 (20–25 ft) that measured 101 ppm, and the sample from Post LRAWP-3 (5–10 ft) that measured 5 ppm. A soil sample from each of the eight borings, collected from the depth exhibiting the highest headspace reading or the 5-ft sampling interval just above or including the soil-groundwater interface, was collected, preserved (if appropriate per EPA sampling protocols), and submitted under chain of custody to ESS Laboratory in Cranston, Rhode Island. All soil samples were analyzed for TPH, PAHs, VOCs, and PP13 metals. Certificates of Analysis are included in Appendix G. The concentrations of detected analytes are summarized in the table below.

SOIL SAMPLING RESULTS, 2 SEPTEMBER 2005

Analyte Detected (ppm)	Post LRAWP-1 (20-25')	Post LRAWP-2 (20-25')	Post LRAWP-3 (5-10')	Post LRAWP-4 (20-25')	Post LRAWP-5 (20-25')	Post LRAWP-6 (20-25')	Post LRAWP-7 (20-25')	Post LRAWP-8 (20-25')	RIDEM GB LC	RIDEM RDEC
TPH	**4,000**	40.7	44.0	ND	ND	20.4 J	ND	39.7	2,500	500
VOCs										
1,2,4-Trimethylbenzene	0.0642	ND	ND	ND	ND	ND	ND	ND	--	--
1,3,5-Trimethylbenzene	0.232	ND	ND	ND	ND	ND	ND	ND	--	--
4-Isopropyltoluene	0.195	ND	ND	ND	ND	ND	ND	ND	--	--
Tetrachloroethene	0.0357	ND	ND	ND	ND	0.134	ND	0.0152 J	4.2	12
Naphthalene	ND	ND	0.015 J	ND	ND	ND	ND	ND		
Trichloroethene	0.847	ND	0.324	ND	ND	ND	ND	0.0354 J	20	13
Xylenes	0.010 J	ND	ND	ND	ND	ND	ND	ND	540	110
PAHs										
2-Methylnaphthalene	0.848	ND	ND	ND	ND	ND	ND	ND	--	123
Acenaphthene	0.991	ND	0.0618 J	ND	ND	ND	ND	ND	--	43
Acenaphthylene	ND	0.201 J	0.336 J	ND	ND	ND	ND	0.100 J	--	23
Anthracene	0.768	0.286 J	0.521	ND	ND	ND	ND	0.237 J	--	35
Benzo(a)anthracene	0.213 J	0.721	**1.720**	ND	ND	ND	ND	0.543	--	0.9

Analyte Detected (ppm)	Post LRAWP-1 (20-25')	Post LRAWP-2 (20-25')	Post LRAWP-3 (5-10')	Post LRAWP-4 (20-25')	Post LRAWP-5 (20-25')	Post LRAWP-6 (20-25')	Post LRAWP-7 (20-25')	Post LRAWP-8 (20-25')	RIDEM GB LC	RIDEM RDEC
Benzo(a)pyrene	0.107 J	**0.764**	**1.700**	ND	ND	ND	ND	**0.470**	--	0.4
Benzo(b)fluoranthene	0.281 J	0.756	**1.630**	ND	0.110 J	0.120 J	0.103 J	0.491	--	0.9
Benzo(g,h,I)perylene	0.0822 J	0.774	0.722	ND	ND	ND	ND	0.375	--	0.8
Benzo(k)fluoranthene	ND	0.461	**1.360**	ND	ND	ND	ND	0.259 J	--	0.9
Chrysene	0.273 J	**0.673**	**1.720**	ND	ND	ND	ND	**0.496**	--	0.4
Dibenzo(a,h)anthracene	ND	ND	0.053 J	ND	ND	ND	ND	ND	--	0.4
Fluoranthene	0.636 J	1.990	3.620	ND	ND	ND	ND	ND	--	20
Fluorene	1.020	0.072 J	0.133 J	ND	ND	ND	ND	0.0687 J	--	28
Indeno(1,2,3-cd)Pyrene	ND	0.630	0.749	ND	ND	ND	ND	0.321 J	--	0.9
Naphthalene	ND	ND	0.0657 J	ND	ND	ND	ND	ND	--	54
Phenanthrene	2.190	1.760	2.170	ND	ND	ND	ND	1.230	--	40
Pyrene	1.850	1.810	2.940	ND	ND	ND	ND	1.240	--	13
PP13 Metals										
Arsenic	3.6	1.4	ND	2.3	2.2	2.3	ND	2.2	--	10
Beryllium	0.2	0.19	**1.14**	0.12	0.31	0.39	0.17	0.11	--	0.4
Chromium	5.1	10.9	3.6	3.1	3.5	18.5	4.6	8.1	--	1,400
Copper	35.5	15.6	18.4	6.1	7.3	345	5.2	9.3	--	3,100
Lead	15.8	6.8	41.5	ND	ND	48.2	ND	ND	--	150
Mercury	ND	ND	ND	ND	ND	0.054	ND	ND	--	390
Nickel	6.7	4.2	2.9	6.3	5.7	9.1	5.5	5.7	--	1,000
Silver	0.62	ND	ND	ND	ND	5.12	ND	ND	--	200
Zinc	28.2	20.9	39.5	10.3	13.6	222	16.1	9.8	--	6,000

NOTE: ND = Not detected above the Method Detection Limit.
J = Not detected above the Method Reporting Limit; estimated value.
-- = No RIDEM GB LC or RDEC established for this analyte.
GB LC = GB Leachability Criteria.
RDEC = Residential Direct Exposure Criteria.
Bold indicates an exceedance of the applicable RIDEM Objective.

3.3 INSTALLATION OF GROUNDWATER MONITORING WELLS

Two monitoring wells were installed within the borings (refer to Section 3.1) at Post LRAWP-6-MW and Post LRAWP-7-MW on 2 September 2005. Both monitoring wells were completed as 1-in. diameter Schedule 40 PVC with 10 ft of 0.010-in. screen. Twenty (20) ft of screen was used at Post LRAWP-6-MW, and 22.5 ft of screen was used at Post LRAWP-7-MW. Soil boring logs with well construction details are included in Appendix F. Annular space was filled with No. 1 sand, and each well was sealed with a minimum of 2 ft of bentonite and grouted at the surface.

3.4 GROUNDWATER DATA COLLECTION AND LABORATORY RESULTS

On 2 September 2005, the two newly installed 1-in. monitoring wells were developed using dedicated ¾-in. polyethylene bailers to purge the standing well volume and to facilitate natural groundwater flow into the well. Due to the nature of concrete crushing work at the Site in the immediate vicinity of the wells, EA determined that it was prudent to collect the groundwater samples as soon as possible in the event that the wells were inadvertently destroyed by heavy machinery working in the area of the wells. Furthermore, based upon the relatively fast recharge rate, EA determined that groundwater representative of true subsurface conditions was established within each well and that collection of groundwater samples on the same day of well installation was appropriate. Therefore, after allowing each well to recharge, groundwater

samples were collected via hand bailing, preserved in accordance with EPA protocol, and transported to ESS Laboratory in Cranston, Rhode Island for laboratory analysis of VOCs and TPH. Certificates of Analysis are included in Appendix G. The concentrations of detected analytes are summarized in the table below.

GROUNDWATER SAMPLING RESULTS, 2 SEPTEMBER 2005

Analyte Detected (mg/L)	Post LRAWP-6-MW	Post LRAWP-7-MW	RIDEM GB Groundwater Objective (mg/L)
TPH	1.08	8.80	--
1,1-Dichloroethane	ND	0.0011	--
1,2-Dichlorobenzene	ND	0.0002 J	--
Benzene	ND	0.0018	0.14
cis-1,2-Dichloroethene	ND	0.0014	2.4
Ethylbenzene	ND	0.0003 J	1.6
Isopropylbenzene	ND	0.0004 J	--
Methyl tert-Butyl Ether	0.001	0.0026	5.0
Sec-Butylbenzene	ND	0.0003 J	--
Tetrachloroethene	0.0117	0.0015	0.15
Trichloroethene	0.0004 J	0.0010	0.54
Trichlorofluoromethane	0.0003 J	0.0002 J	--
Vinyl Chloride	ND	0.0141	--
Xylenes	ND	ND	--

NOTE: ND = Not detected above the Method Detection Limit.
J = Not detected above the Method Reporting Limit; estimated value.
-- = No RIDEM GB Groundwater Objective established for this analyte.
mg/L = Milligrams per liter.
Bold indicates an exceedance of the applicable RIDEM Objective.

4. CERTIFICATIONS

The undersigned certify that this LRAWP and Supplemental Site Investigation Summary Report is a complete and accurate representation of the completed preparation and site investigation activities and contains all known facts to the best of their knowledge.

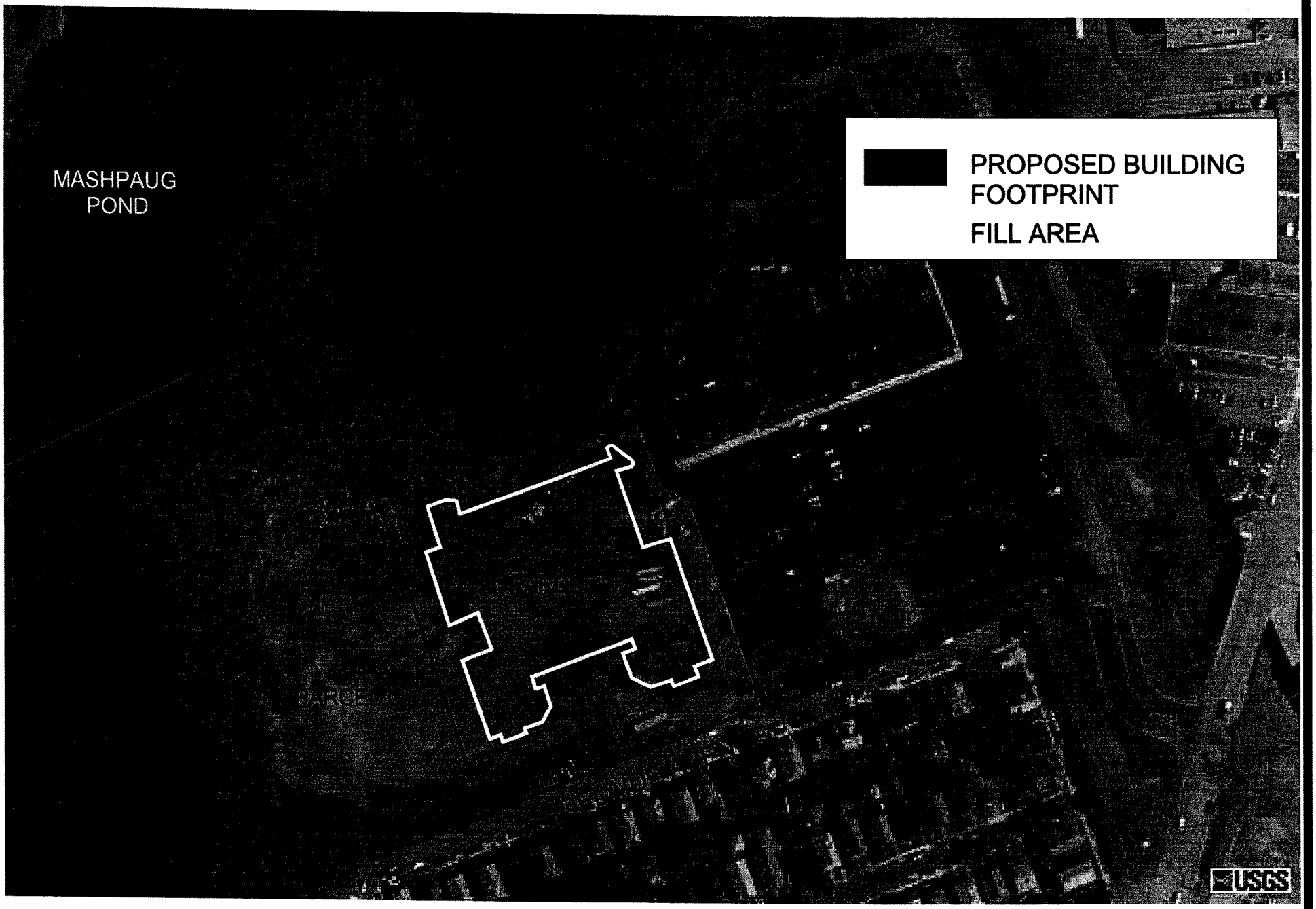
Timothy C. Regan, P.E.
Senior Engineer
EA Engineering, Science, and Technology, Inc.

9-20-05
Date

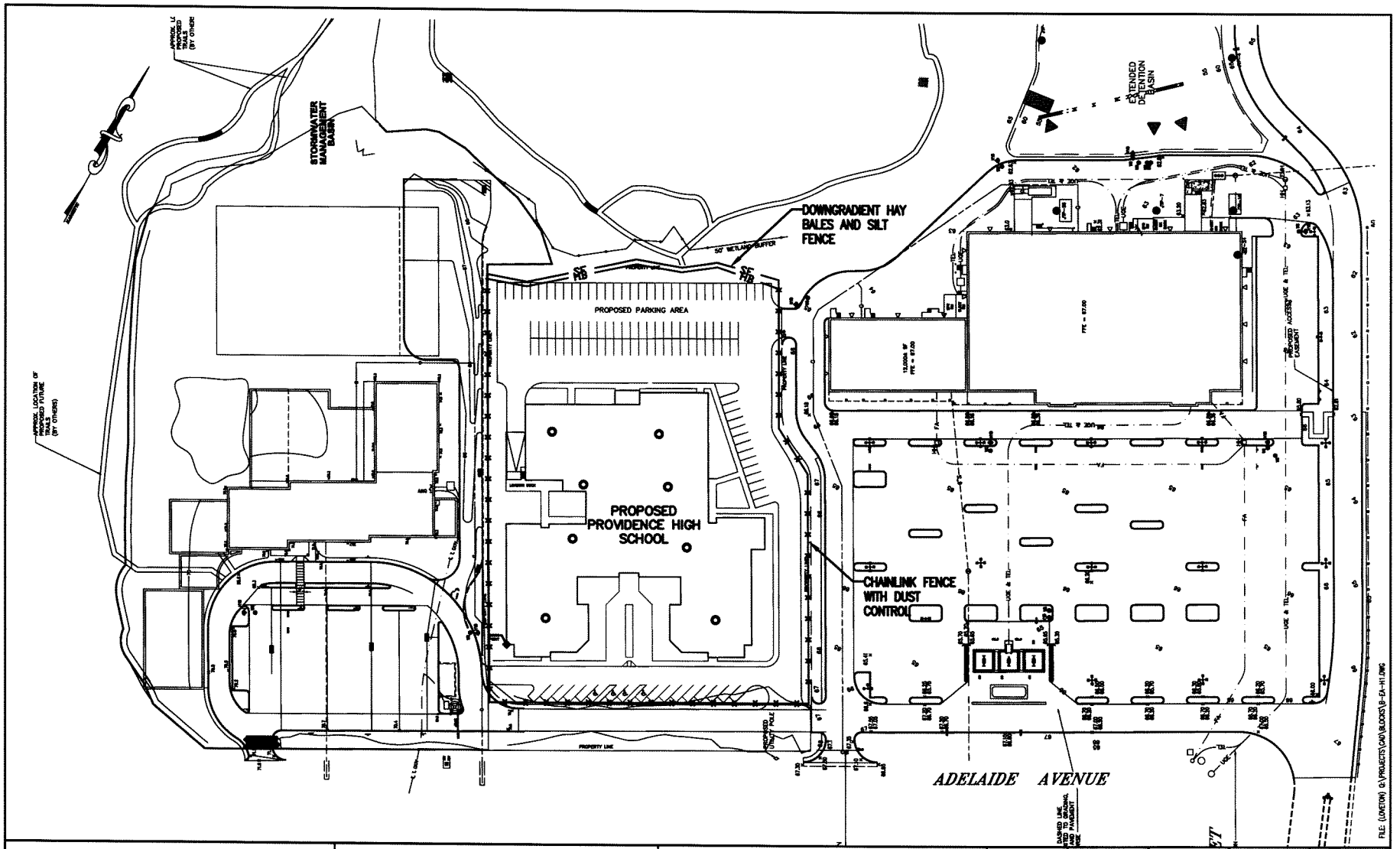
Alan Sepe
Director
Providence Department of Public Property
Site Operator

9.20.05
Date

EA®	FORMER GORHAM MANUFACTURING SITE, PARCEL B 333 ADELAIDE AVENUE PROVIDENCE, RHODE ISLAND						FIGURE 1 SITE LOCATION MAP
PROJECT MGR: TR	DESIGNED BY: DC	CREATED BY: DC	CHECKED BY: JP	SCALE: AS SHOWN	DATE: FEBRUARY 2005	PROJECT NO: 6196501	FILE NO: I:\RI\FIG1 333 ADELAIDE_PROV.MXD



EA Engineering, Science, and Technology 2350 Post Road Warwick, Rhode Island 02886	FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B PROVIDENCE, RHODE ISLAND				FIGURE 2 SITE PLAN		
PROJECT MGR TR	DESIGNED BY JAP	DRAWN BY MDG	CHECKED BY JAP	SCALE N/A	DATE MARCH 2005	PROJECT No 61965.01	FILE No



EA ENGINEERING, SCIENCE, AND TECHNOLOGY

FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B
PROVIDENCE, RHODE ISLAND

PRE-LRAWP ASBESTOS SOIL SAMPLING LOCATIONS

DESIGNED BY	DRAWN BY	DATE	PROJECT NO.	FILE NAME
PMG	WEL	9-7-05	61965.01	PRE-LRAWP
CHECKED BY	PROJECT MGR.	SCALE	DRAWING NO.	FIGURE
PMG	TR	1" = 100'	-	-

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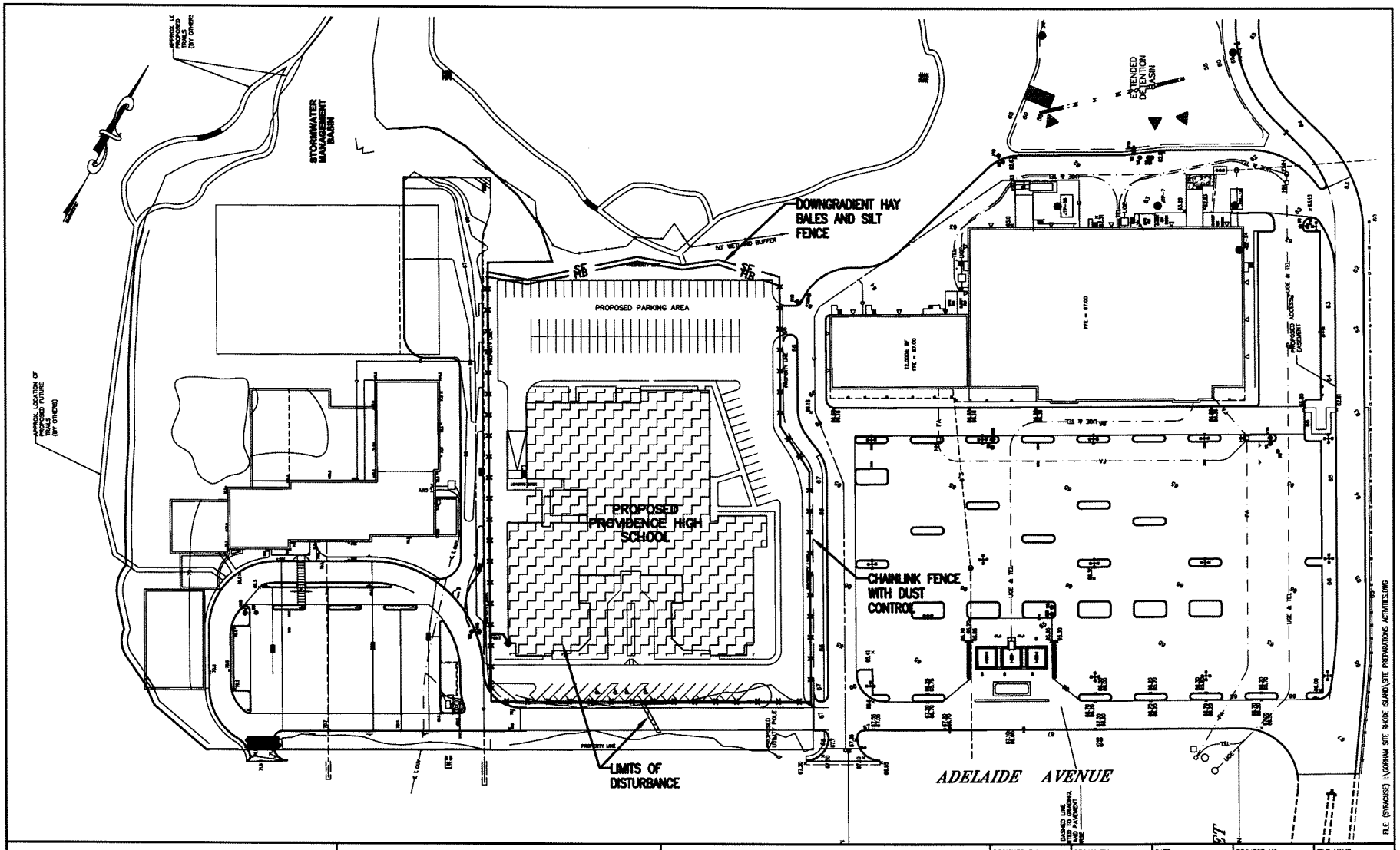

EA ENGINEERING, SCIENCE, AND TECHNOLOGY

FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B
PROVIDENCE, RHODE ISLAND

LRAWP
LIMITS OF DISTURBANCE AND EROSION CONTROLS

DESIGNED BY	DRAWN BY	DATE	PROJECT NO.	FILE NAME
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CHECKED BY	PROJECT MGR.	SCALE	DRAWING NO.	FIGURE
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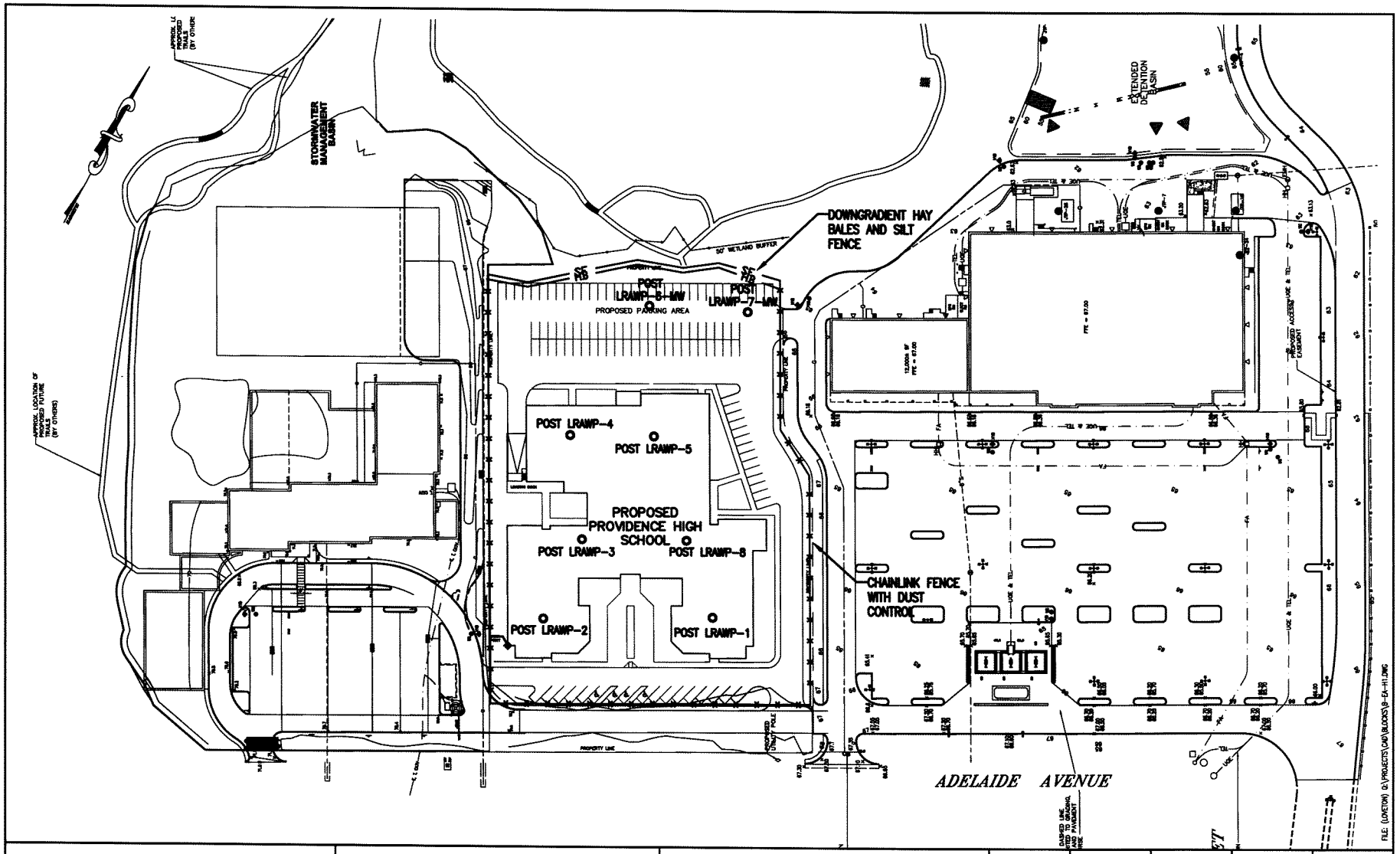

EA ENGINEERING, SCIENCE, AND TECHNOLOGY	FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B PROVIDENCE, RHODE ISLAND	POST-LRAWP SOIL BORING AND MONITORING WELL LOCATIONS	DESIGNED BY: PMG	DRAWN BY: WEL	DATE: 9-7-05	PROJECT NO.: 61965.01	FILE NAME: POST-LRAWP
			CHECKED BY: PMG	PROJECT MGR.: TR	SCALE: 1" = 100'	DRAWING NO.: -	FIGURE: -

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Appendix B

Community Notice

COMMUNITY NOTICE

Work Being Performed at the Former Gorham Manufacturing Facility- Parcel B, 333 Adelaide Avenue, Providence, RI

Description: Loose fill material, including buried foundations and construction and/or demolition debris, will be excavated from within the proposed high school building area. Concrete and brick materials will be crushed onsite, and suitable materials will be stockpiled onsite to be reused as engineered fill beneath the proposed building. Any metal, wood, or other unsuitable materials (e.g., cleared vegetation) will be removed from the surface and segregated in dumpsters for proper off site disposal. Additional activities will include tree removal, backfilling, and utility preparation activities (utility pole/conduit installation).

The pending geotechnical preparation site work will not include any remediation activities and will not result in the offsite disposal of any soil. Site access will be controlled through the installation of a locking chain-link fence around the site perimeter. Fabric windscreen will also be installed and maintained along the entire site perimeter fence, and water will applied regularly during excavation activities to prevent dust generation. All stockpiles will be protected with polyethylene sheeting when not in active use to reduce the potential for wind and water migration of site soils. The Mashapaug Pond and associated wetlands which have been field located and surveyed will be protected through the installation and maintenance of a silt fence and hay bales to prevent soil entrained in stormwater runoff from impacting the adjacent sensitive environment.

Suspect asbestos containing building materials (ACBM) have been identified at the site on 29 June 2005 and sampled for laboratory analysis on 19 July 2005. Eight additional representative soil samples from the site will be collected and analyzed for asbestos prior to the implementing the scope of work described in this Community Notice.

- This work is being performed pursuant to a RI Superior Court Order.
- This work is scheduled to begin the week of 8 August 2005 and is expected to continue for approximately 3-4 weeks, ending the week of 2 September 2005.
- This work will not include any construction and will not restrict any remedial considerations.
- A copy of the Limited Remedial Action Work Plan (LRAWP) prepared for the work described above can be reviewed at the Rhode Island Department of Environmental Management, (RIDEM) located at 235 Promenade Street in Providence. An appointment to review the LRAWP may be scheduled by calling:

RIDEM Office of Technical and Customer Assistance
(401) 222-4700

- Questions regarding the work can also be directed to:

Timothy Regan P.E.
EA Engineering, Science, and Technology, Inc.
2350 Post Road, Warwick, RI 02886
(401) 736-3440
tregan@eaest.com

NOTA de COMMUNIDAD

Trabajo actualmente realizado en la facilidades de la Manufacturadora Antigua Gorham - Parcela B, 333 Avenida Adelaide, Providence, RI

Descripción: Relleno de material suelto, incluyendo fundaciones sepultadas y construcción y/o demolición de desechos, los cuales serán excavados en el area propuesta del edificio de la escuela secundaria. Materiales de concreto y de ladrillo serán demolidos en este lugar y los materials adecuados serán almacenados para reusarlos como rellenos de diseño colocados por debajo del edificio sugerido. Cualquier metal, madera u otros materials inadecuados (e.g., vegetación removida) será elimininada de la superficie y segregada en basureros para disponer propiamente de ellos fuera de este lugar. Actividades adicionales incluyen extracción de arboles, abarrotamientos y prepación de actividades de utilería (postes de utilidad/instalación de conductos).

Los trabajos técnicos pendientes de preparación del lugar no incluyen ningunas actividades de reparación, ni de la eliminación de ninguna tierra. Acceso al lugar será controlado por medio de la instalación de un sistema de cerradura con verja y enlaces de cadena alrededor del contorno. Parabrisas de fábrica serán tambien instalados y mantenidos dentro del perímetro de esta verja. Mojaremos el lugar con agua durante esta excavación para prevenir la production de polvo (sucio). Todo almacenamiento, cuando no esté en uso activo, será cubierto con mantas de polietíleno, para reducir cualquier peligro potencial de viento y agua por la migración del polvo. El Lago de Mashapaug y las tierras húmedas han sido localizadas y revisadas para protejerlas durante la instalación y se mantendran en una verja sedimentada con heno empacado para prevenir la entrada de sucio o en caso de carreras de aguas tempestuosas al ser impactada por las condiciones sensitivas del ambiente.

Sospechas de asbestos, incluyendo materiales de construcción (ACBM) han sido identificados en este lugar el 29 de Junio del 2005 y estas muestras han sido enviadas al laboratorio el 19 Julio del 2005. Otros ocho agentes y ejemplos de tierra de este lugar han sido recogidos para ser analizados y para saber si contienen asbestos antes de implentar cualquier tipo de acción descrita en esta nota comunitaria.

- Este trabajo ha sido ejecutado de acuerdo con una orden de la Corte Suprema de RI.

- Este trabajo está programado para empezar la semana del 8 Agosto del 2005 y continuará por aproximadamente 3 a 4 semanas, terminando la semana del 2 de Septiembre, 2005.

- Este trabajo no incluye ninguna construcción ni ninguna restrinción bajo ninguna circunstancia o remedio.
- Una copia de plan de acción limitada de Reparacion (LRAWP) preparada por el trabajo aquí descrito, puede ser revisada en el Departamento de Dirección Ambiental de RI (RIDEM) localizado en el 235 de la Promenade Street en Providence. Una Cita para revisar el LRAWP puede ponerse en la agenda llamando al:

RIDEM Oficina Téchnica y Servicio al Cliente
(401) 222-4700

- Cualquier pregunta relacionada con este trabajo puede también ser dirigida a:

Timothy Regan P.E.
EA Engineering, Science, and Technology, Inc.
2350 Post Road, Warwick, RI 02886
(401) 736-3440
tregan@eaest.com

Abutter's List

PLAT	LOT	OWNER_	OWNER_ADDR	OWNER_CITY	PROPERTY_A
51	226	Selso O Duran	346 Adelaide Ave	Providence, RI 02907-3210	346 Adelaide Ave
51	225	Cheryl A Curt	350 Adelaide Ave	Providence, RI 02907-3210	350 Adelaide Ave
51	224	Marie R Lebel	352 Adelaide Ave	Providence, RI 02907-3210	352 Adelaide Ave
51	223	Katherine A Swift	354 Adelaide Ave	Providence, RI 02907-3210	354 Adelaide Ave
51	222	Azniv Kolonian	360 Adelaide Ave	Providence, RI 02907-3210	358 Adelaide Ave
51	221	Clarice Smith Evora	362 Adelaide Ave	Providence, RI 02907-3210	362 Adelaide Ave
51	220	Ham Chuk	374 Adelaide Ave	Providence, RI 02905	374 Adelaide Ave
51	219	Cinthia Bautista	378 Adelaide Ave	Providence, RI 02905	378 Adelaide Ave
51	192	Sammie Green	55 Alvin St	Providence, RI 02907-3218	55 Alvin St
51	218	Barbara Davenport	382 Adelaide Ave	Providence, RI 02907-3210	382 Adelaide Ave
51	193	Nancy Piche	59-61 Alvin St	Providence, RI 02907	59 Alvin St
51	217	Samoeun Am	386-388 Adelaide Ave	Providence, RI 02907	386 Adelaide Ave
51	194	Yonn Prak	63 Alvin St	Providence, RI 02905	63 Alvin St
51	216	Richard Librandi	392 Adelaide Ave	Providence, RI 02907-3210	392 Adelaide Ave
51	195	Margaret M Ricci	69 Alvin St	Providence, RI 02907-3218	69 Alvin St
51	215	Julia Coloian	398 Adelaide Ave	Providence, RI 02907-3210	396 Adelaide Ave
51	196	Lydia Richardson	73 Alvin St	Providence, RI 02907-3218	73 Alvin St
51	214	Anthony DiPrete	400 Adelaide Ave	Providence, RI 02907-3210	400 Adelaide Ave
51	213	Janiria Baez	404 Adelaide Ave	Providence, RI 02907-3210	404 Adelaide Ave
51	197	Gilda Mendez	77 Alvin St	Providence, RI 02907-3218	77 Alvin St
51	198	Thao Xiong	83 Alvin St	Providence, RI 02907-3218	83 Alvin St
51	212	Evelyn B Villari	410 Adelaide Ave	Providence, RI 02907-3210	410 Adelaide Ave
51	211	Lawrence J Riccitelli	111 Ambassador Ave	Warwick, RI 02889-1309	414 Adelaide Ave
51	199	Ara Boghigian	103 Belvedere Dr	Cranston, RI 02920-4503	87 Alvin St
51	210	Julia Smith	420 Adelaide Ave	Providence, RI 02907-3210	420 Adelaide Ave
51	200	Sarin Kim	91 Alvin St	Providence, RI 02907-3218	91 Alvin St
51	201	John Britto	95-97 Alvin St	Providence, RI 02907	95 Alvin St
51	202	Peter M Weinberg	99 Alvin St	Providence, RI 02907-3218	99 Alvin St
51	203	Nicole L Joseph	105 Alvin St	Providence, RI 02907-3218	105 Alvin St
51	204	Kathleen J Collins	111 Alvin St	Providence, RI 02907-3218	111 Alvin St
51	326	Mashpaug Associates LLC	Attn: Property Tax Department	3333 New Hyde Park Rd Unit 100	77 Reservoir Ave
51	323	Mashpaug Associates LLC	Attn: Property Tax Department	3333 New Hyde Park Rd Unit 100	375 Adelaide Ave
51	324	Providence Redevelopment Agency	400 Westminster St	Providence, RI 02903-3222	333 Adelaide Ave

New Hyde Park, NY 11042

Appendix C

R.I. Analytical Project Closeout Report

R.I. Analytical

Specialists in Environmental Services

September 8, 2005

EA Engineering, Science, and Technology
Attn: Mr. Peter Grivers
2350 Post Road
Warwick, RI 02886

Re: Initial bulks, nuisance dust, asbestos personnel, and asbestos area-air sampling.

Dear Mr. Grivers:

Enclosed you will find the analytical results of the initial bulk, nuisance dust, asbestos personnel, and asbestos area-air sampling conducted at the Former Gorham Manufacturing Site, Parcel B, located in Providence, RI. All bulk samples were analyzed utilizing Polarized Light Microscopy (PLM) (refer to Tables 1.0 through 1.3 for results). All nuisance dust samples were found to be below the OSHA Permissible Exposure Limit (PEL) of 15 mg/m^3 (refer to Table 2.0). All in-process/compliance air samples collected from the work area, including downwind & upwind samples, were below the EPA and RIDOH non-occupational exposure limit of less than 0.01 f/cc utilizing PCM. All personnel asbestos air samples were below the OSHA PEL of 0.1 f/cc (refer to Table 2.1).

Table 1.0 – Bulk Sample Results*[1]
On 8/9/05

Sample #	Description	Location	% Asbestos
001	Sand/Soil	Excavation Area	Negative
002	Sand/Soil	Excavation Area	Negative
003	Sand/Soil	Excavation Area	Negative
004	Sand/Soil	Excavation Area	Negative
005	Sand/Soil	Excavation Area	Negative
006	Sand/Soil	Excavation Area	Negative
007	Sand/Soil	Excavation Area	Negative
008	Sand/Soil	Excavation Area	Negative

*1 Eight locations identified by EA Engineering as DEM soil compliance samples.

Table 1.1 – Bulk Sample Results*2
On 8/17/05

Sample #	Description	Location	% Asbestos
001	Thermal insulation wrap in soil	Excavation Area	5-15% Chrysotile

***2 Insulation pieces found in soil were removed by hand by asbestos contractor.**

Table 1.2 – Bulk Sample Results*3
On 8/23/05

Sample #	Description	Location	% Asbestos
001	Asbestos debris striation in soil	Excavation Area	5-15% Amosite
002	Asbestos debris striation in soil	Excavation Area	5-15% Amosite
003	Asbestos debris striation in soil	Excavation Area	5-15% Amosite

***3 This asbestos containing material is present under approximately 3-4 feet of soil. The excavating contractor filled in the previously excavated hole where this material was initially identified.**

Table 1.3 – Bulk Sample Results*4
On 8/25/05

Sample #	Description	Location	% Asbestos
001A-G	Transite	Excavation Area	5-15% Chrysotile
002A	Black organic material	Excavation Area	Negative

***4 Transite pieces found in soil were removed by hand by asbestos contractor.**

Table 2.0 – Nuisance Dust Results
OSHA PEL for total nuisance dust is 15 mg/m^3.

Date	Sample	Total Weight (mg/m^3)	OSHA (PEL) (mg/m^3)
8/10/05	Upwind	0.66	15
8/10/05	Downwind	<0.66	15
8/12/05	Upwind	<0.78	15
8/12/05	Downwind	0.94	15
8/15/05	Upwind	<0.67	15
8/15/05	Downwind	<0.66	15
8/16/05	Upwind	1.5	15
8/16/05	Downwind	<0.57	15
8/17/05	Upwind	<0.54	15
8/17/05	Downwind	<0.54	15
8/18/05	Upwind	0.57	15
8/18/05	Downwind	1.9	15
8/23/05	Upwind	<0.62	15
8/23/05	Downwind	0.87	15
8/24/05	Upwind	<0.58	15
8/24/05	Downwind	1.9	15
8/25/05	Upwind	<0.56	15
8/25/05	Downwind	0.79	15
8/26/05	Upwind	1.9	15
8/26/05	Downwind	3.3	15
8/29/05	Upwind	2.4	15
8/29/05	Downwind	4.8	15
8/30/05	Upwind	<0.83	15
8/30/05	Downwind	3.7	15
8/31/05	Upwind	4.5	15
8/31/05	Downwind	5.9	15
9/1/05	Upwind	6.6	15
9/1/05	Downwind	6.0	15
9/2/05	Upwind	6.8	15
9/2/05	Downwind	2.0	15
9/6/05	Upwind	12*[5]	15
9/6/05	Downwind	<0.74	15

*[5] Excavation operations were in close proximity of the upwind sample.

Table 2.1 Asbestos Air Sample Results

Date	Sample	Results (f/cc)	OSHA Standard (f/cc)
8/10/05	Upwind	<0.005	0.01
8/10/05	Downwind	<0.005	0.01
8/12/05	Upwind	<0.006	0.01
8/12/05	Downwind	<0.008	0.01
8/12/05	Pers. M. Gosselin	<0.007	0.1
8/12/05	Pers. Pasquazzi Bros.	<0.007	0.1
8/12/05	Pers. Excavator	<0.007	0.1
8/15/05	Upwind	<0.007	0.01
8/15/05	Downwind	<0.006	0.01
8/15/05	Pers. Pasquazzi Bros.	<0.007	0.1
8/15/05	Pers. RI Analytical	<0.007	0.1
8/15/05	Pers. Excavator	<0.006	0.1
8/16/05	Upwind	<0.006	0.01
8/16/05	Downwind	<0.006	0.01
8/16/05	Pers. Pasquazzi Bros.	<0.006	0.1
8/16/05	Pers. Excavator	<0.006	0.1
8/16/05	Pers. RI Analytical	<0.006	0.1
8/17/05	Upwind	<0.005	0.01
8/17/05	Downwind	<0.005	0.01
8/17/05	Pers. Pasquazzi Bros.	<0.006	0.1
8/17/05	Pers. EA Eng.	<0.006	0.1
8/17/05	Pers. Excavator	<0.005	0.1
8/18/05	Upwind	<0.006	0.01
8/18/05	Downwind	<0.006	0.01
8/18/05	Pers. EA Eng.	<0.006	0.1
8/18/05	Pers. Pasquazzi Bros.	<0.005	0.1
8/18/05	Pers. Excavator	<0.005	0.1
8/23/05	Upwind	<0.006	0.01
8/23/05	Downwind	<0.006	0.01
8/23/05	Pers. Pasquazzi Bros.	0.008	0.1
8/23/05	Pers. EA Eng.	<0.006	0.1
8/23/05	Pers. Excavator	<0.006	0.1
8/24/05	Upwind	<0.006	0.01
8/24/05	Downwind	*6	0.01
8/24/05	Pers. Pasquazzi Bros.	<0.006	0.1
8/24/05	Pers. EA Eng.	<0.006	0.1
8/24/05	Pers. Excavator	<0.005	0.1
8/25/05	Upwind	<0.006	0.01
8/25/05	Downwind	<0.006	0.01
8/25/05	Pers. Pasquazzi Bros.	<0.006	0.1
8/25/05	Pers. EA Eng.	<0.006	0.1
8/25/05	Pers. Excavator	<0.005	0.1
8/26/05	Upwind	<0.006	0.01
8/26/05	Downwind	<0.006	0.01
8/26/05	Pers. Pasquazzi Bros.	<0.006	0.1
8/26/05	Pers. EA Eng.	<0.006	0.1
8/26/05	Pers. Excavator	<0.006	0.1
8/29/05	Upwind	<0.012	0.01

8/29/05	Downwind	<0.012	0.01
8/29/05	Pers. Pasquazzi Bros	0.013	0.1
8/29/05	Pers. EA Eng.	<0.012	0.1
8/29/05	Pers. Excavator	<0.012	0.1
8/30/05	Upwind	<0.008	0.01
8/30/05	Downwind	<0.008	0.01
8/31/05	Upwind	<0.005	0.01
8/31/05	Downwind	<0.005	0.01
8/31/05	Pers. Pasquazzi Bros.	<0.005	0.1
8/31/05	Pers. EA Eng.	<0.006	0.1
8/31/05	Pers. Excavator	<0.005	0.1
9/1/05	Upwind	<0.006	0.01
9/1/05	Downwind	<0.005	0.01
9/1/05	Pers. Pasquazzi Bros.	<0.005	0.1
9/1/05	Pers. EA Eng.	<0.005	0.1
9/1/05	Pers. Excavator	<0.005	0.1
9/2/05	Upwind	<0.005	0.01
9/2/05	Downwind	<0.005	0.01
9/2/05	Pers. Pasquazzi Bros.	<0.005	0.1
9/2/05	Pers. EA Eng.	<0.005	0.1
9/2/05	Pers. Excavator	<0.005	0.1
9/6/05	Upwind	<0.006	0.01
9/6/05	Downwind	<0.006	0.01
9/6/05	Pers. M. Gosselin	<0.006	0.1
9/6/05	Pers. EA Eng.	<0.006	0.1
9/6/05	Pers. Excavator	<0.006	0.1

*[6] Cassette damaged by water, unable to be analyzed.

Also enclosed are Site Drawings (Attachment #1) and Site Photographs (Attachment #2). If there are any questions or if we may be of further assistance please contact our office at (401) 737-8500.

Sincerely,
RI Analytical Laboratories, Inc.

Matthew Gosselin
Environmental Technician

James Gallagher
EAM Senior Project Manger

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/9/2005
Date Reported: 8/10/2005
Work Order #: 0508-12995

Enclosed please find your sample(s) analysis results for asbestos content. The six asbestos types include amosite, chrysotile, crocidolite, anthophyllite, tremolite, and actinolite.

METHODOLOGY: Polarized Light Microscopy (PLM) as suggested by EPA/600/R-93/116, July 1993 edition.

If the samples are found to be inhomogeneous, individual components will be analyzed separately. If individual components cannot be separated, the samples will be homogenized and a single result will be provided for the entire sample.

Sample results pertain only to items tested. The report must not be reproduced except in full with permission of R.I. Analytical. Samples submitted for analysis will be retained for three months for your future reference.

Our laboratory maintains NVLAP accreditation for bulk asbestos fiber analysis NVLAP lab code 101440-0.

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/9/2005
Work Order #: 0508-12995
Site Location:PROJECT# 050415B EA ENGINEERING - GORNAM MILL

Approved by: _____
Data Reporting

METHOD: EPA/600/R-93-116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
001	#101	PLM FIBER ANALYSIS				
		ASBESTOS	NEGATIVE		8/9/2005	TA
		Non-fibrous	100	%	8/9/2005	TA
		Sample Color	Brown		8/9/2005	TA
002	#102	PLM FIBER ANALYSIS				
		ASBESTOS	NEGATIVE		8/9/2005	TA
		Non-fibrous	100	%	8/9/2005	TA
		Sample Color	Brown		8/9/2005	TA
003	#103	PLM FIBER ANALYSIS				
		ASBESTOS	NEGATIVE		8/9/2005	TA
		Non-fibrous	100	%	8/9/2005	TA
		Sample Color	Brown		8/9/2005	TA
004	#104	PLM FIBER ANALYSIS				
		ASBESTOS	NEGATIVE		8/9/2005	TA
		Non-fibrous	100	%	8/9/2005	TA
		Sample Color	Brown		8/9/2005	TA
005	#105	PLM FIBER ANALYSIS				
		ASBESTOS	NEGATIVE		8/9/2005	TA
		Non-fibrous	100	%	8/9/2005	TA
		Sample Color	Brown		8/9/2005	TA
006	#106	PLM FIBER ANALYSIS				
		ASBESTOS	NEGATIVE		8/9/2005	TA
		Non-fibrous	100	%	8/9/2005	TA
		Sample Color	Brown		8/9/2005	TA
007	#107	PLM FIBER ANALYSIS				
		ASBESTOS	NEGATIVE		8/9/2005	TA
		Non-fibrous	100	%	8/9/2005	TA
		Sample Color	Brown		8/9/2005	TA
008	#108	PLM FIBER ANALYSIS				
		ASBESTOS	NEGATIVE		8/9/2005	TA
		Non-fibrous	100	%	8/9/2005	TA
		Sample Color	Brown		8/9/2005	TA

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/10/2005
Date Reported: 8/11/2005
P.O. #: 050415B
Work Order #: 0508-13125

DESCRIPTION: PROJECT# 050415B EA ENGINEERING - GORHAM MILL

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/10/2005
Work Order #: 0508-13125

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: #1 UPWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/10/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	0.66	0.66	mg/m^3	0500 NIOSH	8/11/2005	EC

Sample # 002
SAMPLE DESCRIPTION: #2 DOWNWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/10/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	<0.66	0.66	mg/m^3	0500 NIOSH	8/11/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/10/05
Date Reported: 8/11/05
Work Order #: 0508-13127

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

41 Illinois Avenue, Warwick, RI 02888
Tel: (401) 737-8500 Fax: (401) 738-1970

131 Coolidge Street, Bldg 2, Hudson, MA 01749
Tel: (978) 568-0041 Fax: (978) 568-0078

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/10/2005
Work Order #: 0508-13127
Site Location: PROJECT# 050415B EA ENGINEERING/GORHAM MILL SITE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	UPWIND	945	<12.9	0.005	<0.005
002	DOWNWIND	945	<12.9	0.005	<0.005
003	BLANK		<12.9		
004	BLANK		<12.9		

Project# 050415B
EA Engineering
Gorham Mill Site
Providence, RI

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/12/05
Date Reported: 8/15/05
Work Order #: 0508-13319

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/12/2005
Work Order #: 0508-13319
Site Location: PROJECT# 050415B EA ENGINEERING - GORHAM MILL SITE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	PERSONNEL M. GOSSELIN	757.5	<12.9	0.007	<0.007
002	PERSONNEL SARET	730	<12.9	0.007	<0.007
003	PERSONNEL EXCAVATOR	727.5	<12.9	0.007	<0.007
004	UPWIND	820	<12.9	0.006	<0.006
005	DOWNWIND	650	<12.9	0.008	<0.008
006	BLANK		<12.9		
007	BLANK		<12.9		

Project# 050415B
EA Engineering
Gorham Mill Site
Providence, RI

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/12/2005
Date Reported: 8/16/2005
P.O. #: 050415B
Work Order #: 0508-13318

DESCRIPTION: PROJECT# 050415B EA ENGINEERING - GORHAM MILL SITE

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/12/2005
Work Order #: 0508-13318

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: #1 UPWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/12/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	<0.78	0.78	mg/m^3	0500 NIOSH	8/16/2005	EC

Sample # 002
SAMPLE DESCRIPTION: #2 DOWNWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/12/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	0.94	0.78	mg/m^3	0500 NIOSH	8/16/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Jim Gallagher
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/15/05
Date Reported: 8/16/05
Work Order #: 0508-13390

Dear: Mr. Jim Gallagher

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/15/2005
Work Order #: 0508-13390
Site Location: PROJECT# 050415B EA ENGINEERING - GORHAM MILL

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	PASQUAZZI - HAND PICKER	740	<12.9	0.007	<0.007
002	RIAL PERSONNEL	730	<12.9	0.007	<0.007
003	FRONT LOADER OPERATOR	780	<12.9	0.006	<0.006
004	DOWNWIND	810	<12.9	0.006	<0.006
005	UPWIND	740	<12.9	0.007	<0.007
006	BLANK		<12.9		
007	BLANK		<12.9		

Project# 050415B
EA Engineering
Gorham Mill
Cranston, RI

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Jim Gallagher
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/15/2005
Date Reported: 8/16/2005
P.O. #: 050415B
Work Order #: 0508-13388

DESCRIPTION: PROJECT# 050415B EA ENGINEERING - GORHAM MILL

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/15/2005
Work Order #: 0508-13388

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: 2 - DOWNWIND N.D.
SAMPLE TYPE: COMPOSITE **SAMPLE DATE/TIME:** 8/15/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	<0.66	0.66	mg/m^3	0500 NIOSH	8/16/2005	EC

Sample # 002
SAMPLE DESCRIPTION: 3 - UPWIND N.D.
SAMPLE TYPE: COMPOSITE **SAMPLE DATE/TIME:** 8/15/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	<0.67	0.67	mg/m^3	0500 NIOSH	8/16/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Jim Gallagher
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/16/05
Date Reported: 8/17/05
Work Order #: 0508-13484

Dear: Mr. Jim Gallagher

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/16/2005
Work Order #: 0508-13484
Site Location: PROJECT# 050415B EA ENGINEERING - GORHAM MILL

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	2 - DOWNWIND	874	<12.9	0.006	<0.006
002	3 - PASQUAZZI	870	<12.9	0.006	<0.006
003	4 - BULLDOZER	860	<12.9	0.006	<0.006
004	5 - UPWIND	860	<12.9	0.006	<0.006
005	7 - RIAL PERSONNEL	840	<12.9	0.006	<0.006
006	8 - BLANK		<12.9		
007	9 - BLANK		<12.9		

Project# 050415B
EA Engineering
Gorham Mill
Cranston, RI

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Jim Gallagher
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/16/2005
Date Reported: 8/17/2005
P.O. #: 050415B
Work Order #: 0508-13486

DESCRIPTION: PROJECT# 050415B EA ENGINEERING - GORHAM MILL

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/16/2005
Work Order #: 0508-13486

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: DOWNWIND N.D.
SAMPLE TYPE: COMPOSITE **SAMPLE DATE/TIME:** 8/16/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	<0.57	0.57	mg/m^3	0500 NIOSH	8/17/2005	EC

Sample # 002
SAMPLE DESCRIPTION: UPWIND N.D.
SAMPLE TYPE: COMPOSITE **SAMPLE DATE/TIME:** 8/16/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	1.5	0.58	mg/m^3	0500 NIOSH	8/17/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/17/05
Date Reported: 8/18/05
Work Order #: 0508-13573

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/17/2005
Work Order #: 0508-13573
Site Location: PROJECT# 050415B EA ENGINEERING - GORHAM SITE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	#1 PER. PASQUAZZI	840	<12.9	0.006	<0.006
002	#2 PER. EA ENG	840	<12.9	0.006	<0.006
003	#3 PER. EXCAVATOR	912	<12.9	0.005	<0.005
004	#4 UPWIND	930	<12.9	0.005	<0.005
005	#5 DOWNWIND	930	<12.9	0.005	<0.005
006	#6 BLANK		<12.9		
007	#7 BLANK		<12.9		

Project# 050415B
EA Engineering
Gorham Site
Providence, RI

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/17/2005
Date Reported: 8/18/2005
P.O. #: 050415B
Work Order #: 0508-13575

DESCRIPTION: PROJECT# 050415B EA ENGINEERING - GORHAM MILL

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/17/2005
Work Order #: 0508-13575

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: #1 UPWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/17/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	<0.54	0.54	mg/m^3	0500 NIOSH	8/18/2005	EC

Sample # 002
SAMPLE DESCRIPTION: #2 DOWNWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/17/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	<0.54	0.54	mg/m^3	0500 NIOSH	8/18/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/18/2005
Date Reported: 8/19/2005
P.O. #: 050415B
Work Order #: 0508-13672

DESCRIPTION: PROJECT# 050415B EA ENGINEERING, GORHAM MILL SITE

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/18/2005
Work Order #: 0508-13672

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: #1 UPWIND
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 8/18/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	0.57	0.57	mg/m^3	0500 NIOSH	8/19/2005	EC

Sample # 002
SAMPLE DESCRIPTION: #2 DOWNWIND
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 8/18/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	1.9	0.57	mg/m^3	0500 NIOSH	8/19/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/18/05
Date Reported: 8/19/05
Work Order #: 0508-13701

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/18/2005
Work Order #: 0508-13701
Site Location: PROJECT# 050415B EA ENGINEERING - GORHAM MILL SITE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	PERS. EA ENG.	824	<12.9	0.006	<0.006
002	PERS. PASQUAZZI	982.5	<12.9	0.005	<0.005
003	PERS. EXCAVATOR	1057.5	<12.9	0.005	<0.005
004	UPWIND	872	<12.9	0.006	<0.006
005	DOWNWIND	872	<12.9	0.006	<0.006
006	BLANK		<12.9		
007	BLANK		<12.9		

Project #050415B
EA Engineering
Gorham Mill Site
Providence, RI

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/23/2005
Date Reported: 8/24/2005
P.O. #: 050415B
Work Order #: 0508-13999

DESCRIPTION: PROJECT# 050415B EA ENGINEERING - GORHAM SITE

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/23/2005
Work Order #: 0508-13999

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: #1 UPWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/23/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	<0.62	0.62	mg/m^3	0500 NIOSH	8/24/2005	EC

Sample # 002
SAMPLE DESCRIPTION: #2 DOWNWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/23/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	0.87	0.62	mg/m^3	0500 NIOSH	8/24/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/23/05
Date Reported: 8/24/05
Work Order #: 0508-14011

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/23/2005
Work Order #: 0508-14011
Site Location: PROJECT# 050415B EA ENG. - GORHAM MILL SITE - PROVIDENCE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	#1 PERS. PASQ	782	15.4	0.006	0.008
002	#2 PERS. EA ENG.	782	<12.9	0.006	<0.006
003	#3 PERS. EXCAVATOR	782	<12.9	0.006	<0.006
004	#4 UPWIND	804	<12.9	0.006	<0.006
005	#5 DOWNWIND	804	<12.9	0.006	<0.006
006	#6 BLANK		<12.9		
007	#7 BLANK		<12.9		

Project #050415B
EA Engineering
Gorham Mill Site
Providence, RI

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/23/05
Date Reported: 8/24/05
Work Order #: 0508-14011

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/23/2005
Work Order #: 0508-14011
Site Location: PROJECT# 050415B EA ENG. - GORHAM MILL SITE - PROVIDENCE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	#1 PERS. PASQ	782	15.4	0.006	0.008
002	#2 PERS. EA ENG.	782	<12.9	0.006	<0.006
003	#3 PERS. EXCAVATOR	782	<12.9	0.006	<0.006
004	#4 UPWIND	804	<12.9	0.006	<0.006
005	#5 DOWNWIND	804	<12.9	0.006	<0.006
006	#6 BLANK		<12.9		
007	#7 BLANK		<12.9		

Project #050415B
EA Engineering
Gorham Mill Site
Providence, RI

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/25/05
Date Reported: 8/26/05
Work Order #: 0508-14206

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/25/2005
Work Order #: 0508-14206
Site Location: PROJECT# 050415B EA ENG. GORHAM MILL SITE - PROVIDENCE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	PER. PASQUAZZI	870	<12.9	0.006	<0.006
002	PER. EA ENG	856	<12.9	0.006	<0.006
003	PER. EXCAVATOR	964	<12.9	0.005	<0.005
004	UPWIND	884	<12.9	0.006	<0.006
005	DOWNWIND	884	<12.9	0.006	<0.006
006	BLANK		<12.9		
007	BLANK		<12.9		

Project#050415B
EA Engineering
Gorham Mill Site
Providence, RI

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/25/05
Date Reported: 8/26/05
Work Order #: 0508-14207

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/24/2005
Work Order #: 0508-14207
Site Location: PROJECT# 050415B EA ENGINEERING - GORHAM MILL SITE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	PER. PASQUAZZI	824	<12.9	0.006	<0.006
002	PER. EA ENG.	886	<12.9	0.006	<0.006
003	PER. EXCAVATOR	914	<12.9	0.005	<0.005
004	UPWIND	856	<12.9	0.006	<0.006
005	DOWNWIND	676	*	0.007	
006	BLANK		<12.9		
007	BLANK		<12.9		

Projsct# 050415B
EA Engineering
Gorham Mill Site
Providence, RI

* Damaged filter: Analysis not possible.

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/25/2005
Date Reported: 8/26/2005
P.O. #: 050415B
Work Order #: 0508-14208

DESCRIPTION: PROJECT# 050415B EA ENGINEERING GORHAM MILL SITE

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/25/2005
Work Order #: 0508-14208

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: UPWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/24/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	<0.58	0.58	mg/m^3	0500 NIOSH	8/26/2005	EC

Sample # 002
SAMPLE DESCRIPTION: DOWNWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/24/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	1.9	0.58	mg/m^3	0500 NIOSH	8/26/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/22/2005
Date Reported: 8/29/2005
Work Order #: 0508-13913

Enclosed please find your sample(s) analysis results for asbestos content. The six asbestos types include amosite, chrysotile, crocidolite, anthophyllite, tremolite, and actinolite.

METHODOLOGY: Polarized Light Microscopy (PLM) as suggested by EPA/600/R-93/116, July 1993 edition.

If the samples are found to be inhomogeneous, individual components will be analyzed separately. If individual components cannot be separated, the samples will be homogenized and a single result will be provided for the entire sample.

Sample results pertain only to items tested. The report must not be reproduced except in full with permission of R.I. Analytical. Samples submitted for analysis will be retained for three months for your future reference.

Our laboratory maintains NVLAP accreditation for bulk asbestos fiber analysis NVLAP lab code 101440-0.

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

Approved by: _____
Data Reporting

R.I. Analytical (EAM Division)
Date Received: 8/22/2005
Work Order #: 0508-13913
Site Location:PROJECT# 050415B - EA ENGINEERING - GORHAM SITE

METHOD: EPA/600/R-93-116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
001	GORHAM SITE 001	PLM FIBER ANALYSIS				
		ASBESTOS	POSITIVE		8/29/2005	TA
		Chrysotile	5-15	%	8/29/2005	TA
		Non-fibrous	85-95	%	8/29/2005	TA
		Sample Color	Gray		8/29/2005	TA

Project#050415B
EA Engineering
Gorham Site
Providence, RI

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Daniel Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/26/2005
Date Reported: 8/29/2005
P.O. #: 050415B
Work Order #: 0508-14274

DESCRIPTION: PROJECT# 050415B EA ENGINEERING - GORHAM MILL SITE

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/26/2005
Work Order #: 0508-14274

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: #1 UPWIND
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 8/26/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	1.9	0.63	mg/m^3	0500 NIOSH	8/27/2005	BMM

Sample # 002
SAMPLE DESCRIPTION: #2 DOWNWIND
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 8/26/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	3.3	0.63	mg/m^3	0500 NIOSH	8/27/2005	BMM

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Daniel Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/26/05
Date Reported: 8/29/05
Work Order #: 0508-14275

Dear: Mr. Daniel Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/26/2005
Work Order #: 0508-14275
Site Location: PROJECT# 050415B EA ENGINEERING - GORHAM MILL SITE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	#1 PERS. PASQUAZZI BROS	792	<12.9	0.006	<0.006
002	#2 PERS. EA ENG	776	<12.9	0.006	<0.006
003	#3 PERS. EXCAVATOR	776	<12.9	0.006	<0.006
004	#4 UPWIND	794	<12.9	0.006	<0.006
005	#5 DOWNWIND	794	<12.9	0.006	<0.006
006	#6 BLANK		<12.9		
007	#7 BLANK		<12.9		

Project# 050415B
EA Engineering
Gorham Mill Site
Providence, RI

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/23/2005
Date Reported: 8/30/2005
Work Order #: 0508-14024

Enclosed please find your sample(s) analysis results for asbestos content. The six asbestos types include amosite, chrysotile, crocidolite, anthophyllite, tremolite, and actinolite.

METHODOLOGY: Polarized Light Microscopy (PLM) as suggested by EPA/600/R-93/116, July 1993 edition.

If the samples are found to be inhomogeneous, individual components will be analyzed separately. If individual components cannot be separated, the samples will be homogenized and a single result will be provided for the entire sample.

Sample results pertain only to items tested. The report must not be reproduced except in full with permission of R.I. Analytical. Samples submitted for analysis will be retained for three months for your future reference.

Our laboratory maintains NVLAP accreditation for bulk asbestos fiber analysis NVLAP lab code 101440-0.

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/23/2005
Work Order #: 0508-14024
Site Location:PROJECT# 050415B - EA ENG. GORHAM MILL SITE - PROVIDENCE

Approved by: _____
Data Reporting

METHOD: EPA/600/R-93-116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
001	001A	PLM FIBER ANALYSIS				
		ASBESTOS	POSITIVE		8/30/2005	TA
		Amosite	5-15	%	8/30/2005	TA
		Non-fibrous	85-95	%	8/30/2005	TA
		Sample Color	Gray		8/30/2005	TA
002	002B	PLM FIBER ANALYSIS				
		ASBESTOS	POSITIVE		8/30/2005	TA
		Amosite	5-15	%	8/30/2005	TA
		Non-fibrous	85-95	%	8/30/2005	TA
		Sample Color	Gray		8/30/2005	TA
003	003C	PLM FIBER ANALYSIS				
		ASBESTOS	POSITIVE		8/30/2005	TA
		Amosite	5-15	%	8/30/2005	TA
		Non-fibrous	85-95	%	8/30/2005	TA
		Sample Color	Gray		8/30/2005	TA

Project#050415B
EA Eng.
Gorham Mill Site
Providence, RI

Positive Stops on A's

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/25/2005
Date Reported: 8/30/2005
Work Order #: 0508-14239

Enclosed please find your sample(s) analysis results for asbestos content. The six asbestos types include amosite, chrysotile, crocidolite, anthophyllite, tremolite, and actinolite.

METHODOLOGY: Polarized Light Microscopy (PLM) as suggested by EPA/600/R-93/116, July 1993 edition.

If the samples are found to be inhomogeneous, individual components will be analyzed separately. If individual components cannot be separated, the samples will be homogenized and a single result will be provided for the entire sample.

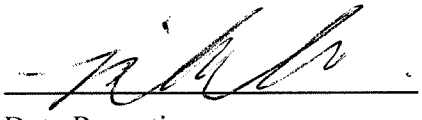
Sample results pertain only to items tested. The report must not be reproduced except in full with permission of R.I. Analytical. Samples submitted for analysis will be retained for three months for your future reference.

Our laboratory maintains NVLAP accreditation for bulk asbestos fiber analysis NVLAP lab code 101440-0.

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:



Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/25/2005
Work Order #: 0508-14239
Site Location:PROJECT# 050415B EA ENGINEERING GORHAM MILL SITE

Approved by: _____
Data Reporting

METHOD: EPA/600/R-93-116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
001	001A	PLM FIBER ANALYSIS				
		ASBESTOS	POSITIVE		8/30/2005	TA
		Chrysotile	5-15	%	8/30/2005	TA
		Non-fibrous	85-95	%	8/30/2005	TA
		Sample Color	Gray		8/30/2005	TA
002	001B (+) STOP TO 001A	PLM FIBER ANALYSIS				
	+ STOP TO 001A					
003	001C (+) STOP TO 001A	PLM FIBER ANALYSIS				
	+ STOP TO 001A					
004	001D (+) STOP TO 001A	PLM FIBER ANALYSIS				
	+ STOP TO 001A					
005	001E (+) STOP TO 001A	PLM FIBER ANALYSIS				
	+ STOP TO 001A					
006	001F (+) STOP TO 001A	PLM FIBER ANALYSIS				
	+ STOP TO 001A					
007	001G (+) STOP TO 001A	PLM FIBER ANALYSIS				
	+ STOP TO 001A					
008	002A	PLM FIBER ANALYSIS				
		ASBESTOS	NEGATIVE		8/30/2005	TA
		Non-fibrous	100	%	8/30/2005	TA
		Sample Color	Black		8/30/2005	TA

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/25/2005
Date Reported: 8/26/2005
P.O. #: 050415B
Work Order #: 0508-14209

DESCRIPTION: PROJECT# 050415B EA ENGINEERING - GORHAM MILL SITE

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/25/2005
Work Order #: 0508-14209

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: UPWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/25/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	<0.56	0.56	mg/m^3	0500 NIOSH	8/26/2005	EC

Sample # 002
SAMPLE DESCRIPTION: DOWNWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/25/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	0.79	0.56	mg/m^3	0500 NIOSH	8/26/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/29/2005
Date Reported: 8/30/2005
P.O. #: 050415B
Work Order #: 0508-14362

DESCRIPTION: PROJECT# 050415B EA ENGINEERING/GORHAM MILL STREET

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/29/2005
Work Order #: 0508-14362

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: #1 UPWIND
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 8/29/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	2.4	0.60	mg/m^3	0500 NIOSH	8/30/2005	EC

Sample # 002
SAMPLE DESCRIPTION: #2 DOWNWIND
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 8/29/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	4.8	0.60	mg/m^3	0500 NIOSH	8/30/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/29/05
Date Reported: 8/30/05
Work Order #: 0508-14363

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/29/2005
Work Order #: 0508-14363
Site Location: PROJECT# 050415B EA ENGINEERING/GORHAM MILL SITE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	#1 PERS. PASQUAZZI BROS	425	14.2	0.012	0.013
002	#2 PERS. EA ENG	423	<12.9	0.012	<0.012
003	#3 PERS. EXCAVATOR	421	<12.9	0.012	<0.012
004	#4 UPWIND	417	<12.9	0.012	<0.012
005	#5 DOWNWIND	413	<12.9	0.012	<0.012
006	#6 BLANK		<12.9		
007	#7 BLANK		<12.9		

Project# 050415B
EA Engineering
Gorham Mill Site
Providence, RI

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/31/2005
Date Reported: 9/1/2005
P.O. #: 050415B
Work Order #: 0508-14536

DESCRIPTION: PROJECT# 050415B EA ENGINEERING / GORHAM MILL SITE

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 8/31/2005
Work Order #: 0508-14536

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: #1 UPWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/30/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	<0.83	0.83	mg/m^3	0500 NIOSH	9/1/2005	EC

Sample # 002
SAMPLE DESCRIPTION: #2 DOWNWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/30/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	3.7	0.83	mg/m^3	0500 NIOSH	9/1/2005	EC

Sample # 003
SAMPLE DESCRIPTION: #3 UPWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/31/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	4.5	0.60	mg/m^3	0500 NIOSH	9/1/2005	EC

Sample # 004
SAMPLE DESCRIPTION: #4 DOWNWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 8/31/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	5.9	0.60	mg/m^3	0500 NIOSH	9/1/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/31/05
Date Reported: 9/1/05
Work Order #: 0508-14535

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/31/2005
Work Order #: 0508-14535
Site Location: PROJECT# 050415B EA ENGINEERING / GORHAM MILL SITE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	PERS. PASQUAZZI	992.5	<12.9	0.005	<0.005
002	PERS. EA ENG	790	<12.9	0.006	<0.006
003	PERS. EXCAVATOR	997.5	<12.9	0.005	<0.005
004	UPWIND	1045	<12.9	0.005	<0.005
005	DOWNWIND	1045	<12.9	0.005	<0.005
006	BLANK		<12.9		
007	BLANK		<12.9		

Project# 050415B
EA Engineering
Gorham Mill Site
Providence RI

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 8/31/05
Date Reported: 9/1/05
Work Order #: 0508-14538

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 08/30/2005
Work Order #: 0508-14538
Site Location: PROJECT# 050415B EA ENGINEERING / GORHAM MILL SITE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	UPWIND	600	<12.9	0.008	<0.008
002	DOWNWIND	600	<12.9	0.008	<0.008
003	BLANK		<12.9		
004	BLANK		<12.9		

Project# 050415B
EA Engineering
Gorham Mill Site
Providence, RI

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 09/02/2005
Date Reported: 09/06/2005
P.O. #: 050415C
Work Order #: 0509-14695

DESCRIPTION: PROJECT# 050415C EA ENGINEERING / GORHAM MILL SITE

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 09/02/2005
Work Order #: 0509-14695

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: #1 UPWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 09/01/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	6.6	0.64	mg/m^3	0500 NIOSH	09/06/2005	EC

Sample # 002
SAMPLE DESCRIPTION: #2 DOWNWIND
SAMPLE TYPE: GRAB
SAMPLE DATE/TIME: 09/01/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	6.0	0.64	mg/m^3	0500 NIOSH	09/06/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 09/02/2005
Date Reported: 09/06/2005
P.O. #: 050415C
Work Order #: 0509-14696

DESCRIPTION: PROJECT# 050415C EA ENGINEERING / GORHAM MILL SITE

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 09/02/2005
Work Order #: 0509-14696

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: #1 UPWIND
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 09/02/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	6.8	0.63	mg/m^3	0500 NIOSH	09/06/2005	EC

Sample # 002
SAMPLE DESCRIPTION: #2 DOWNWIND
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 09/02/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	2.0	0.63	mg/m^3	0500 NIOSH	09/06/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 9/2/05
Date Reported: 9/6/05
Work Order #: 0509-14753

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 09/01/2005
Work Order #: 0509-14753
Site Location: PROJECT# 050415C EA ENGINEERING / GORHAM MILL SITE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	#1 PERS. PASQUAZZI	977.5	<12.9	0.005	<0.005
002	#2 PERS. EA ENGINEERING	972.5	<12.9	0.005	<0.005
003	#3 PERS. EXCAVATOR	967.5	<12.9	0.005	<0.005
004	#4 UPWIND	786	<12.9	0.006	<0.006
005	#5 DOWNWIND	982.2	<12.9	0.005	<0.005
006	#6 BLANK		<12.9		
007	#7 BLANK		<12.9		

Project# 050415C
EA Engineering
Gorham Mill Site
Providence, RI

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 9/2/05
Date Reported: 9/6/05
Work Order #: 0509-14754

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

Sample collected by RIAL personnel on 09/02/2005
Work Order #: 0509-14754
Site Location: PROJECT# 050415C EA ENGINEERING / GORHAM MILL SITE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	#1 PERS. PASQUAZZI	1035	<12.9	0.005	<0.005
002	#2 PERS. EA ENGINEERING	1022.5	<12.9	0.005	<0.005
003	#3 PERS. EXCAVATOR	1030	<12.9	0.005	<0.005
004	#4 UPWIND	992.5	<12.9	0.005	<0.005
005	#5 DOWNWIND	992.5	<12.9	0.005	<0.005
006	#6 BLANK		<12.9		
007	#7 BLANK		<12.9		

Project# 05415C
EA Engineering
Gorham Mill Site
Providence, RI

Laboratory blank samples fall within acceptable limits of method.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 9/6/2005
Date Reported: 9/7/2005
P.O. #: 550415C
Work Order #: 0509-14816

DESCRIPTION: PROJECT# 550415C EA ENGINEERING / GORHAM MILL SITE

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by NIOSH approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 9/6/2005
Work Order #: 0509-14816

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: #1 UPWIND
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 9/6/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	12	0.74	mg/m^3	0500 NIOSH	9/7/2005	EC

Sample # 002
SAMPLE DESCRIPTION: #2 DOWNWIND
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 9/6/2005

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
NUISANCE DUST	<0.74	0.74	mg/m^3	0500 NIOSH	9/7/2005	EC

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Dan Simas
41 Illinois Avenue
Warwick, RI 02888

Date Received: 9/6/05
Date Reported: 9/7/05
Work Order #: 0509-14818

Dear: Mr. Dan Simas

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods, U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: Is the sensitivity of this method, based on 10 fibers per graticule fields. The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Approved by: _____
Data Reporting

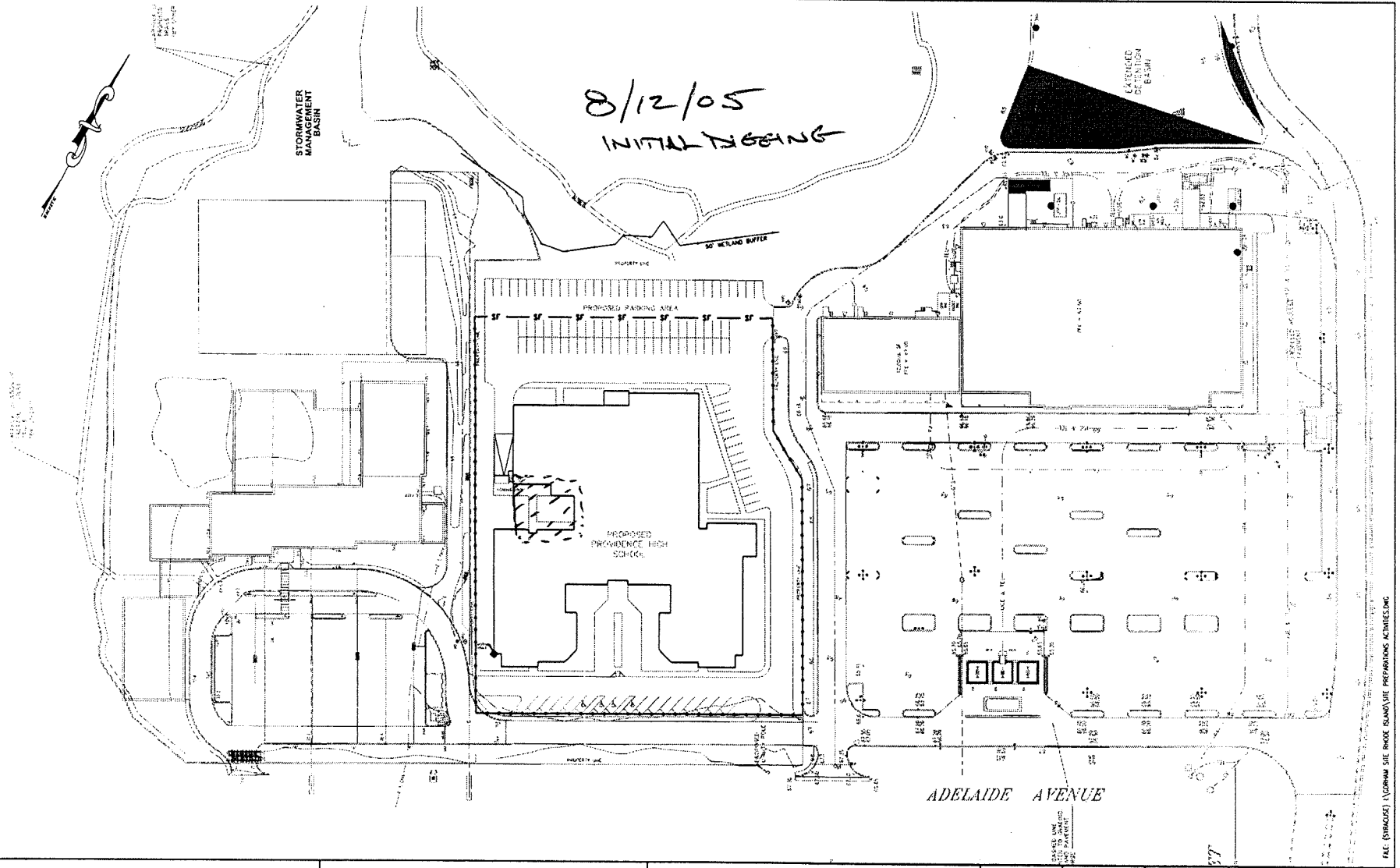
Sample collected by RIAL personnel on 09/06/2005
Work Order #: 0509-14818
Site Location: PROJECT# 550415C EA ENGINEERING / GORHAM MILL SITE

SAMPLE #	IDENTIFICATION:	REPORTED VOLUME (L)	FIBER DENSITY FIBER/SQUARE MM	Q.L. F/CC	CONC. F/CC
001	#1 PERS. M. GOSSELIN	815	<12.9	0.006	<0.006
002	#2 PERS. EA ENGINEERING	815	<12.9	0.006	<0.006
003	#3 PERS. EXCAVATOR	845	<12.9	0.006	<0.006
004	#4 UPWIND	847.5	<12.9	0.006	<0.006
005	#5 DOWNWIND	847.5	<12.9	0.006	<0.006
006	#6 BLANK		<12.9		
007	#7 BLANK		<12.9		

Project# 550415C
EA Engineering
Gorham Mill Site
Providence, RI

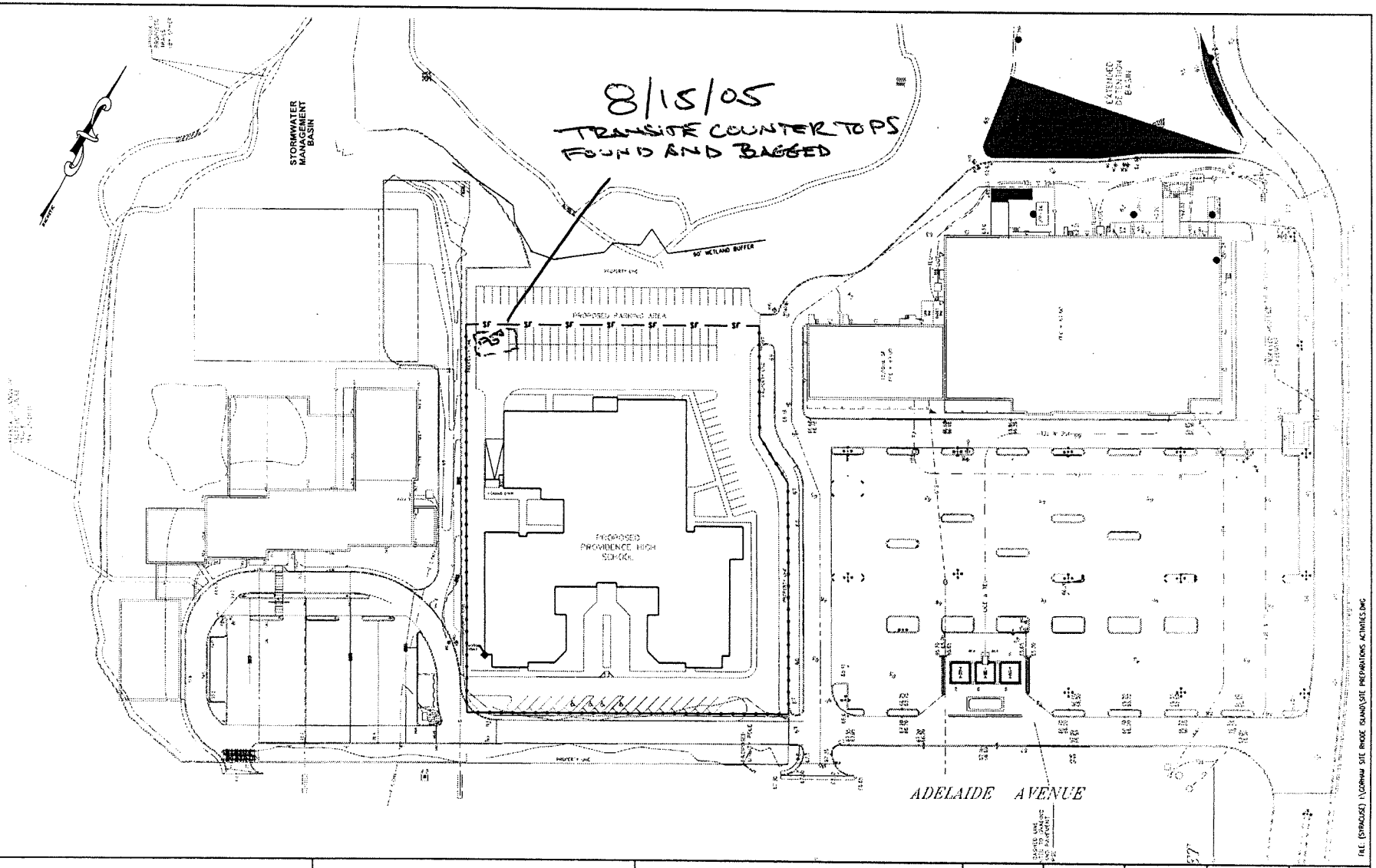
Laboratory blank samples fall within acceptable limits of method.

ATTACHMENT #1
Site Drawings



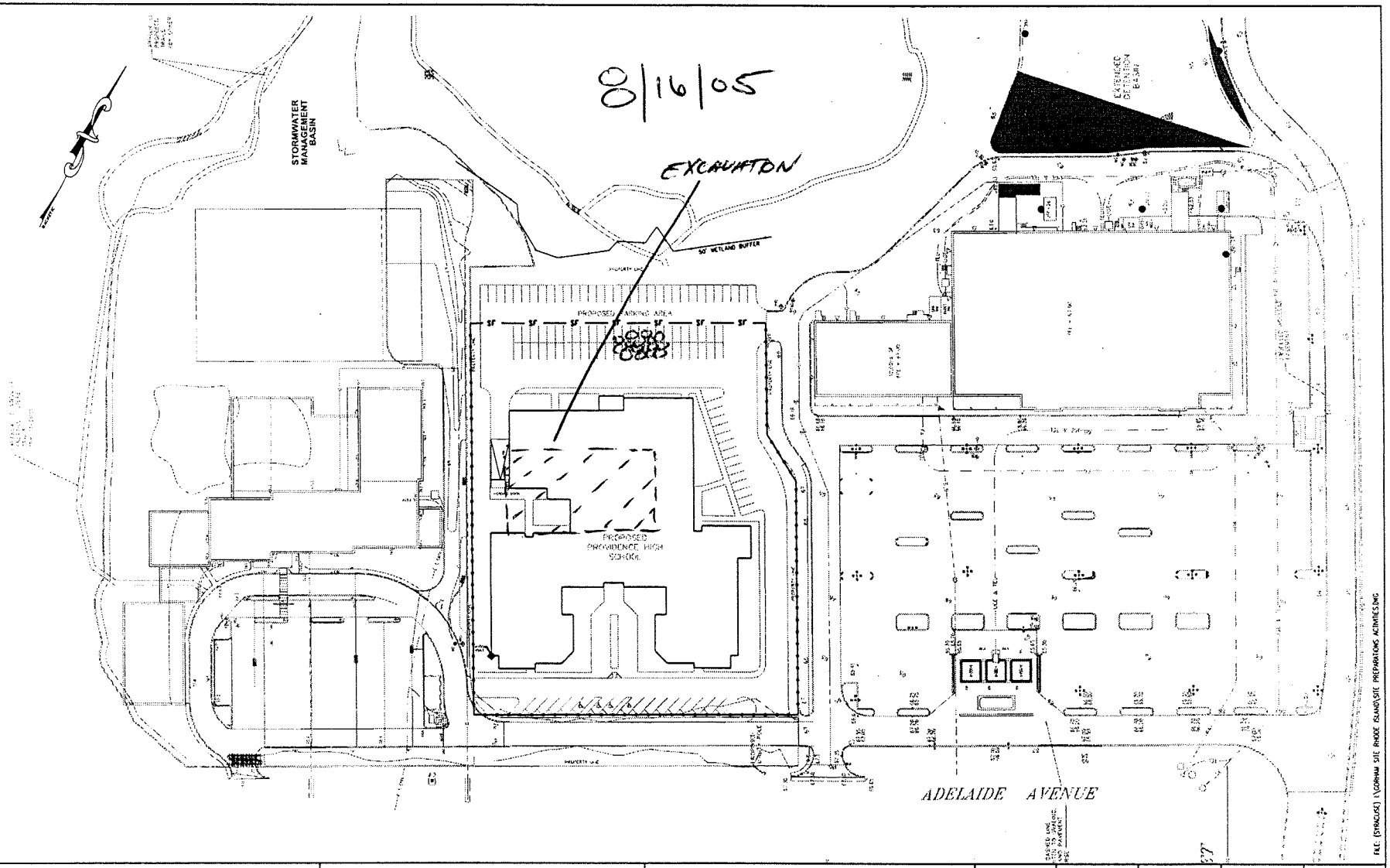
EA ENGINEERING, SCIENCE, AND TECHNOLOGY	FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B PROVIDENCE, RHODE ISLAND	SITE PREPARATION ACTIVITIES	DESIGNED BY: JAP	DRAWN BY: WEL	DATE: 6-7-05	PROJECT NO.: 61965.01	FILE NAME: SITE-PREP-ACT
			CHECKED BY: JAP	PROJECT MGR.: TR	SCALE: 1" = 100'	DRAWING NO.: -	FIGURE: FIGURE

FILE: (SYRACUSE) I:\GORHAM SITE RHODE ISLAND\SITE PREPARATIONS ACTIVITIES.DWG



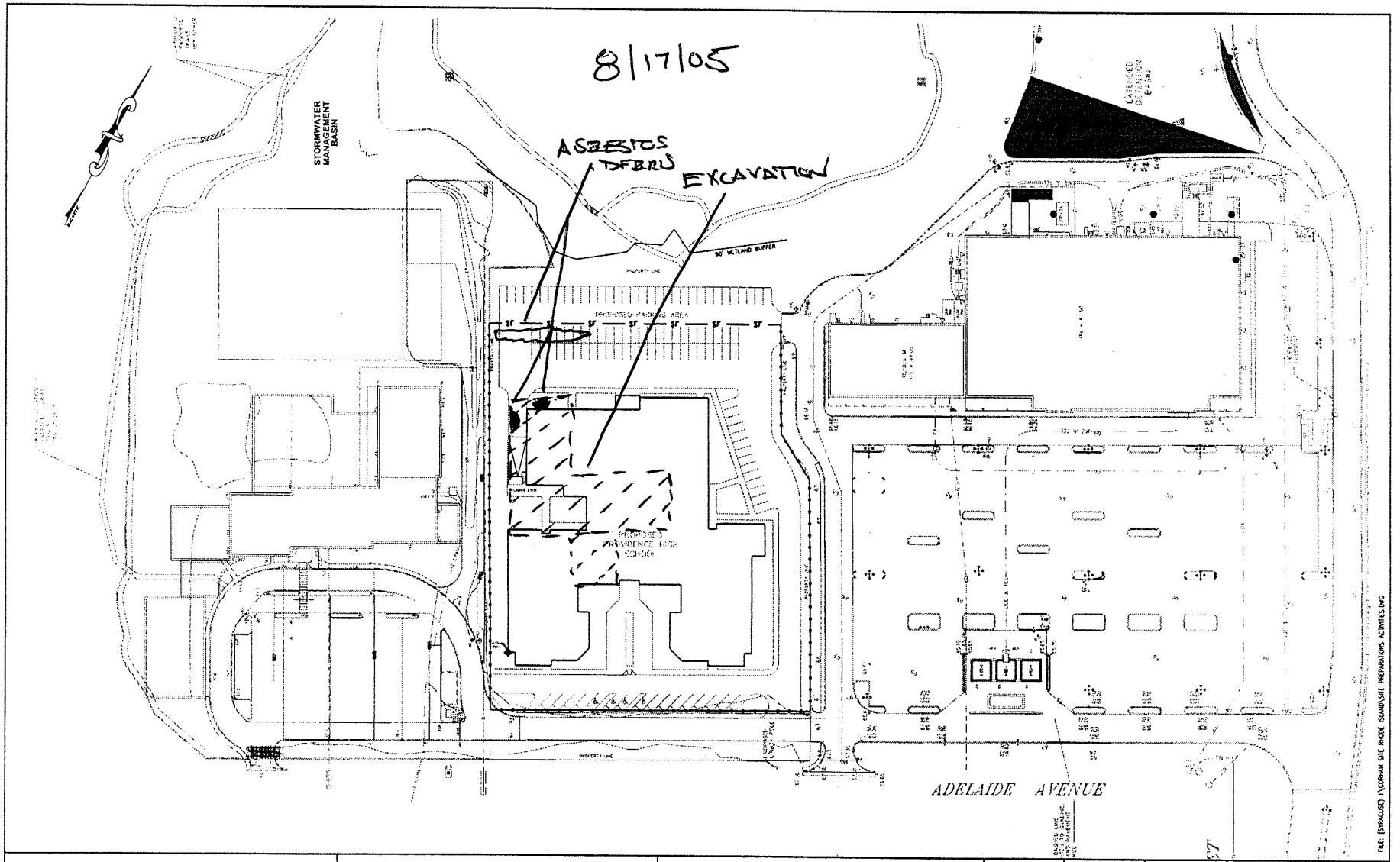
EA ENGINEERING, SCIENCE, AND TECHNOLOGY	FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B PROVIDENCE, RHODE ISLAND	SITE PREPARATION ACTIVITIES	DESIGNED BY: JAP	DRAWN BY: WEL	DATE: 6-7-05	PROJECT NO.: 61965.01	FILE NAME: SITE-PREP-ACT
			CHECKED BY: JAP	PROJECT MGR.: TR	SCALE: 1" = 100'	DRAWING NO.: -	FIGURE: FIGURE

FILE: (SYRACUSE) \GORHAM SITE RHODE ISLAND\SITE PREPARATIONS ACTIVITIES.DWG



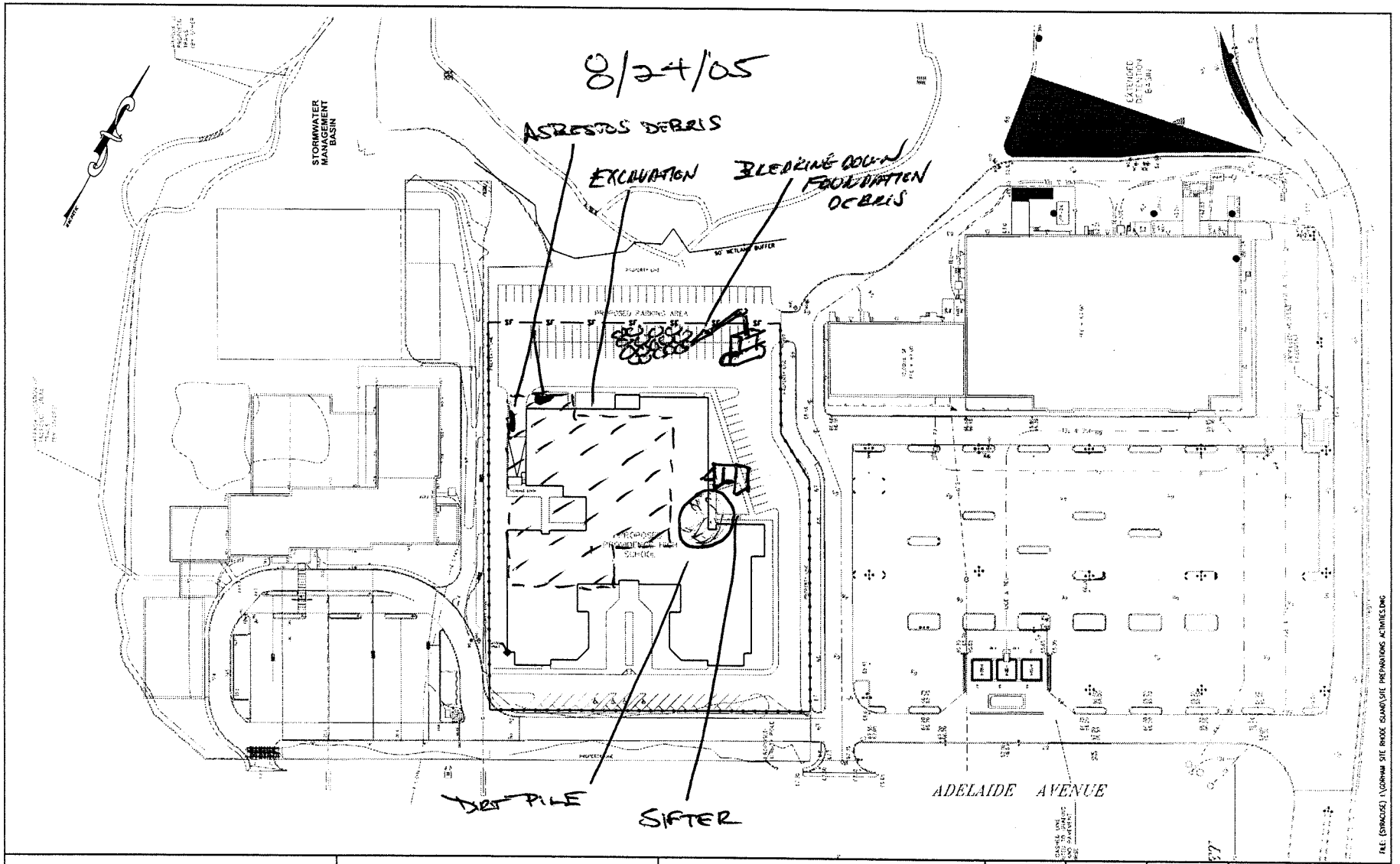
EA ENGINEERING, SCIENCE, AND TECHNOLOGY	FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B PROVIDENCE, RHODE ISLAND	SITE PREPARATION ACTIVITIES	DESIGNED BY: JAP	DRAWN BY: WEL	DATE: 6-7-05	PROJECT NO.: 61965.01	FILE NAME: SITE-PREP-ACT
			CHECKED BY: JAP	PROJECT MGR.: TR	SCALE: 1" = 100'	DRAWING NO.: -	FIGURE: FIGURE

FILE: (SYRACUSE) I:\GORHAM SITE RHODE ISLAND\SITE PREPARATIONS ACTIVITIES.DWG



EA ENGINEERING, SCIENCE, AND TECHNOLOGY	FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B PROVIDENCE, RHODE ISLAND	SITE PREPARATION ACTIVITIES	DESIGNED BY: JAP	DRAWN BY: WEL	DATE: 6-7-05	PROJECT NO.: 61965.01	FILE NAME: SITE-PREP-ACT
			CHECKED BY: JAP	PROJECT MGR.: TR	SCALE: 1" = 100'	DRAWING NO.: -	FIGURE: FIGURE

FILE: (SYRACUSE) I:\GORHAM SITE, RHODE ISLAND\SITE PREPARATIONS ACTIVITIES.DWG



EA ENGINEERING, SCIENCE, AND TECHNOLOGY

FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B
PROVIDENCE, RHODE ISLAND

SITE PREPARATION ACTIVITIES

DESIGNED BY	DRAWN BY	DATE	PROJECT NO.	FILE NAME
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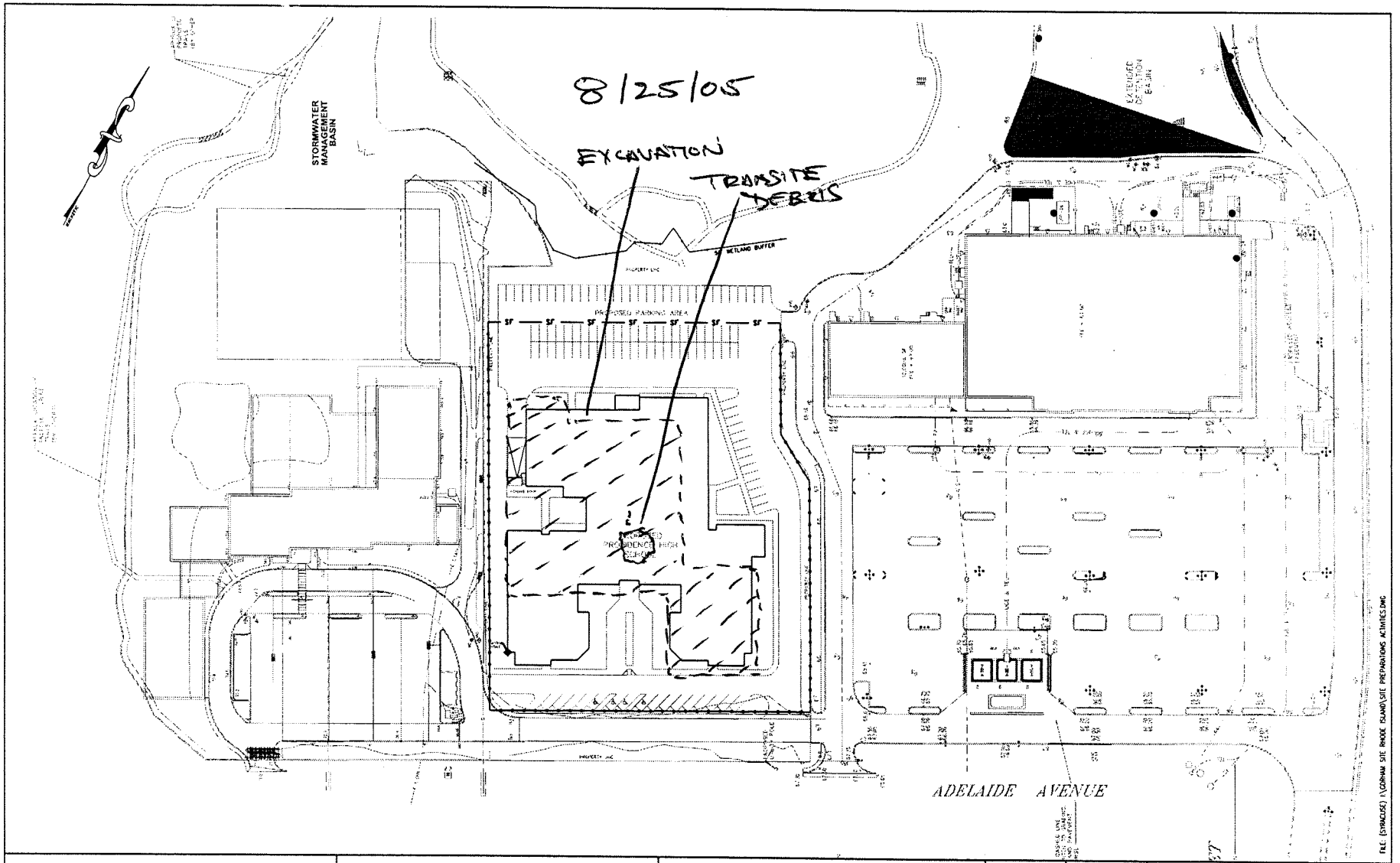
CHECKED BY	PROJECT MGR.	SCALE	DRAWING NO.	FIGURE
JAP	TR	1" = 100'	-	FIGURE



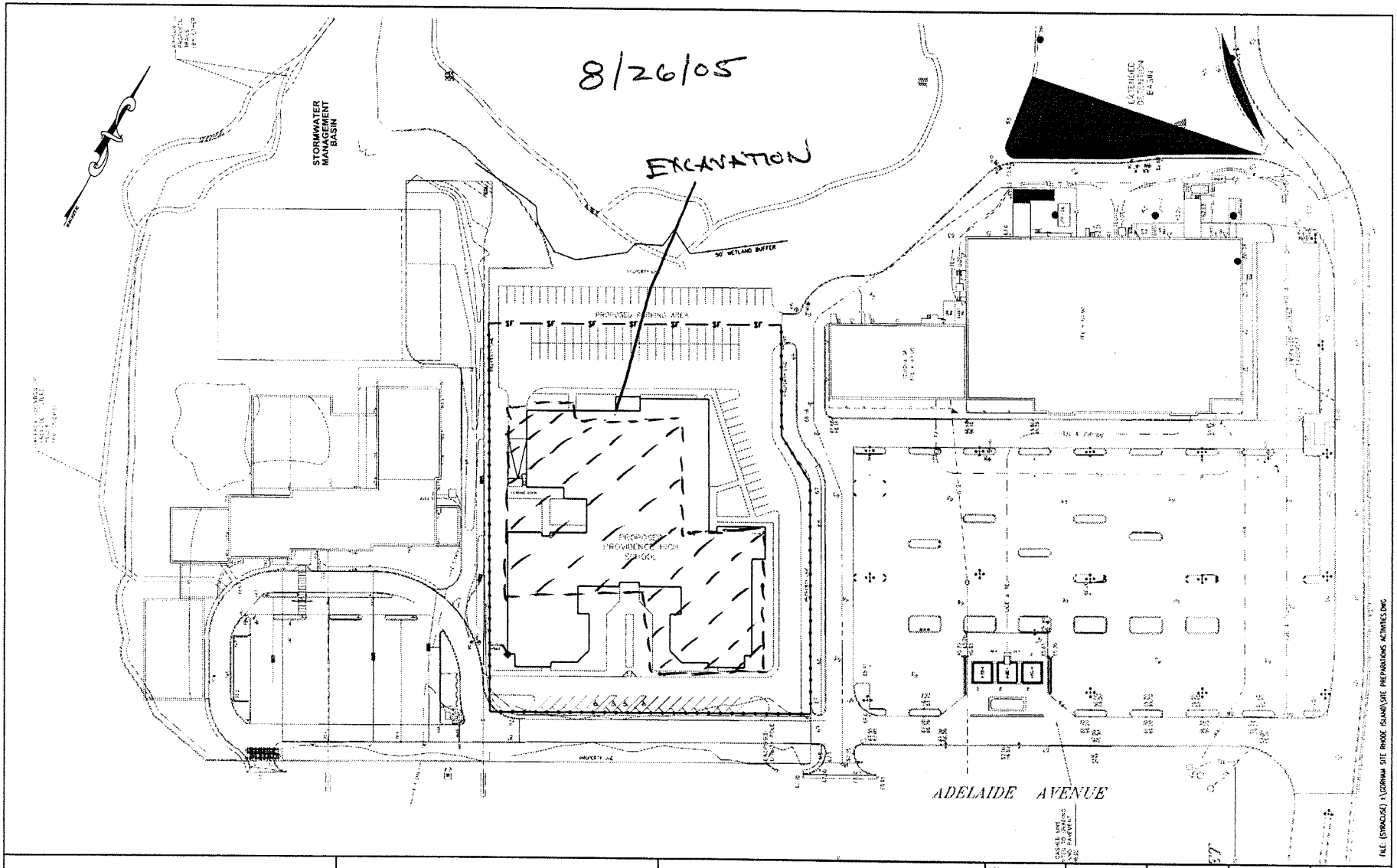
EA ENGINEERING, SCIENCE, AND TECHNOLOGY

FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B
PROVIDENCE, RHODE ISLAND

SITE PREPARATION ACTIVITIES

DESIGNED BY	DRAWN BY	DATE	PROJECT NO.	FILE NAME
JAP	WEL	6-7-05	61965.01	SITE-PREP-ACT
CHECKED BY	PROJECT MGR.	SCALE	DRAWING NO.	FIGURE
JAP	TR	1" = 100'	-	FIGURE

FILE: (SYRACUSE) X:\GORHAM SITE RHODE ISLAND\SITE PREPARATIONS ACTIVITIES.DWG



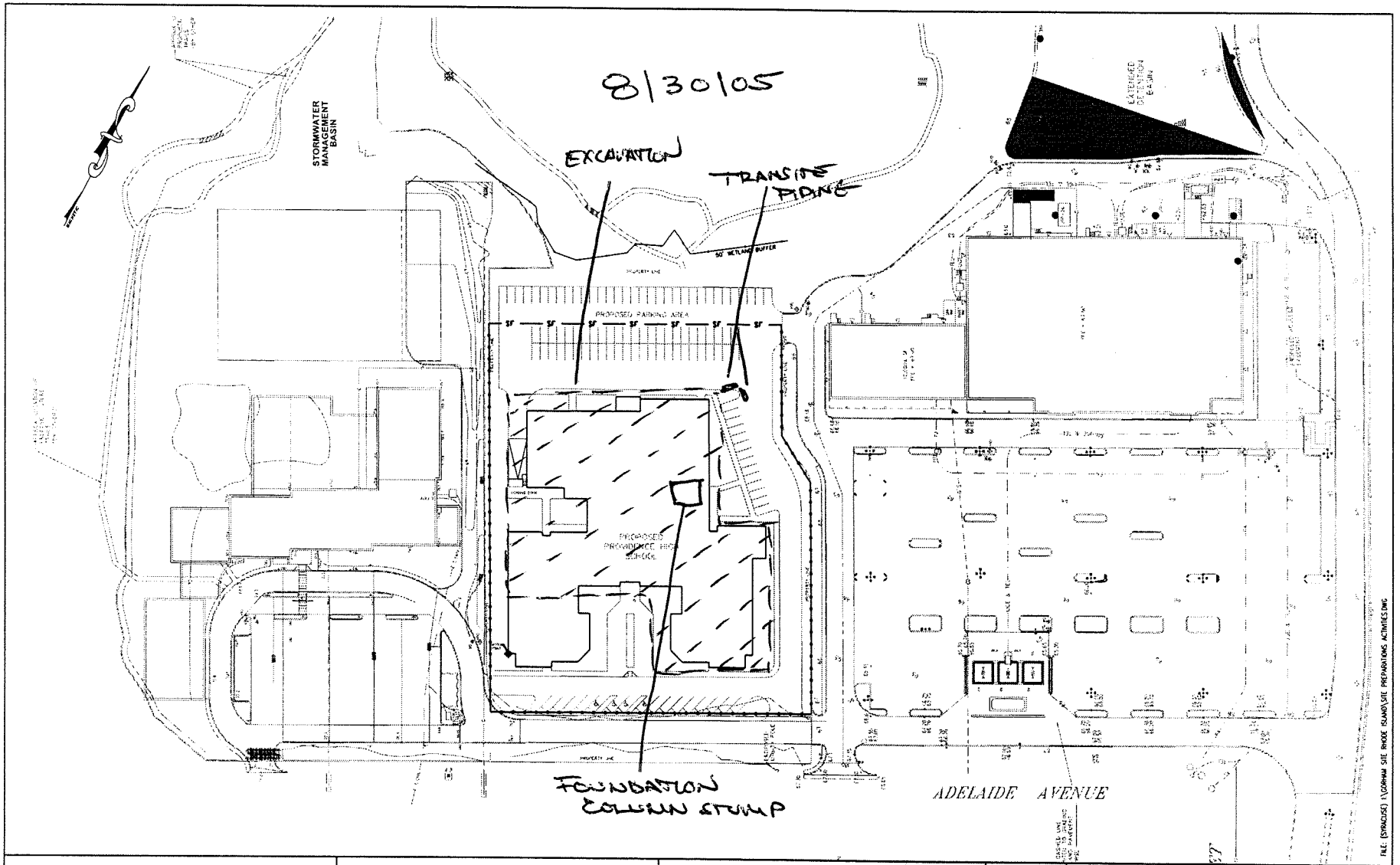
EA ENGINEERING, SCIENCE, AND TECHNOLOGY

FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B
PROVIDENCE, RHODE ISLAND

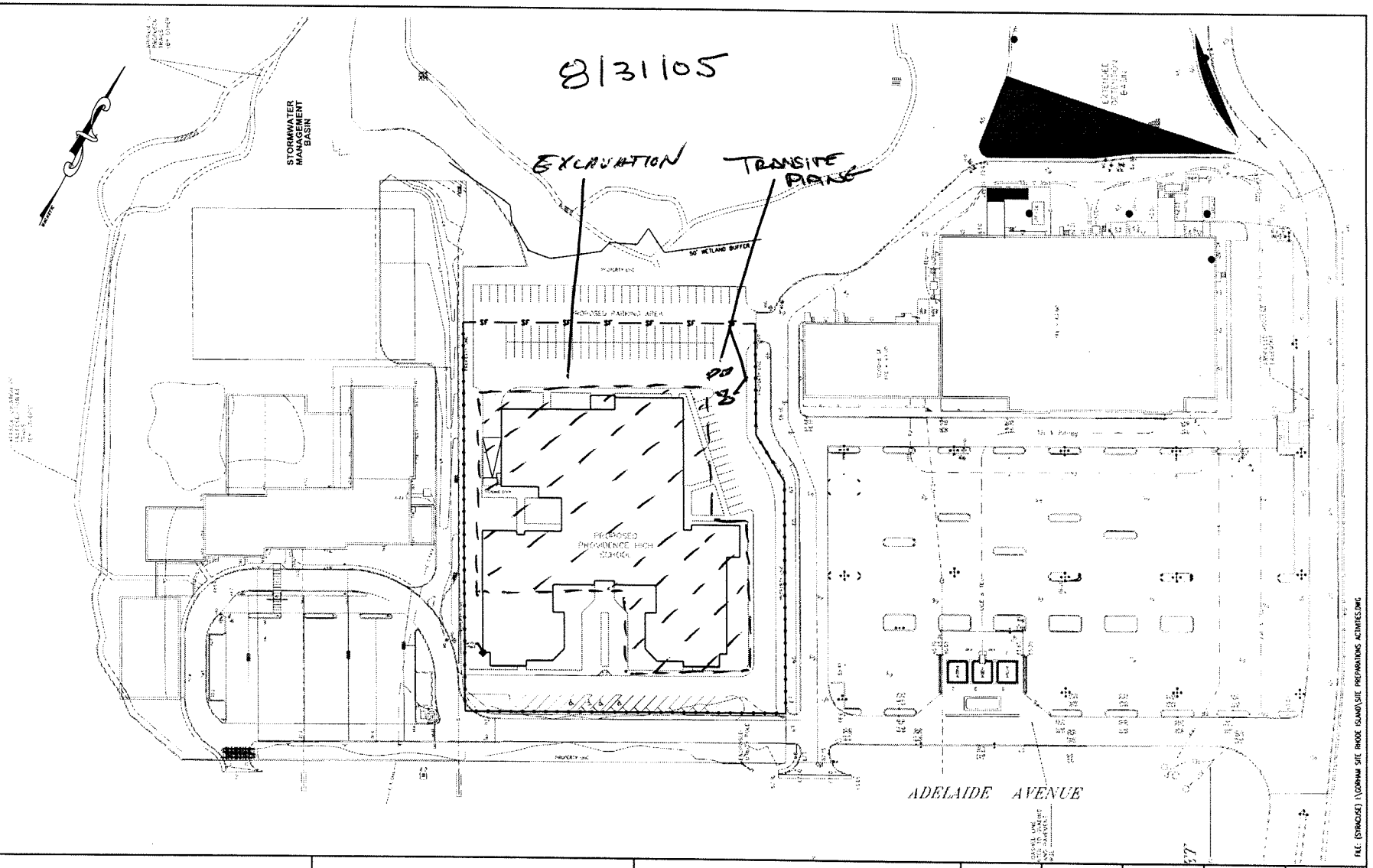
SITE PREPARATION ACTIVITIES

DESIGNED BY	DRAWN BY	DATE	PROJECT NO.	FILE NAME
JAP	WEL	6-7-05	61965.01	SITE-PREP-ACT
CHECKED BY	PROJECT MGR.	SCALE	DRAWING NO.	FIGURE
JAP	TR	1" = 100'	-	FIGURE

FILE: (SYRACUSE) I:\GORHAM SITE RHODE ISLAND\SITE PREPARATIONS ACTIVITIES.DWG



EA ENGINEERING, SCIENCE, AND TECHNOLOGY	FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B PROVIDENCE, RHODE ISLAND	SITE PREPARATION ACTIVITIES	DESIGNED BY: JAP	DRAWN BY: WEL	DATE: 6-7-05	PROJECT NO.: 61965.01	FILE NAME: SITE-PREP-ACT
			CHECKED BY: JAP	PROJECT MGR.: TR	SCALE: 1" = 100'	DRAWING NO.: -	FIGURE: FIGURE



EA ENGINEERING, SCIENCE, AND TECHNOLOGY

FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B
PROVIDENCE, RHODE ISLAND

SITE PREPARATION ACTIVITIES

DESIGNED BY	DRAWN BY	DATE	PROJECT NO.	FILE NAME
JAP	WEL	6-7-05	61965.01	SITE-PREP-ACT
CHECKED BY	PROJECT MGR.	SCALE	DRAWING NO.	FIGURE
JAP	TR	1" = 100'	-	FIGURE

ATTACHMENT #2
Site Photographs

Gorham Mill Site Photographs
Page 1

1. ACM debris on top layer of soil.

2. ACM debris on top layer of soil.

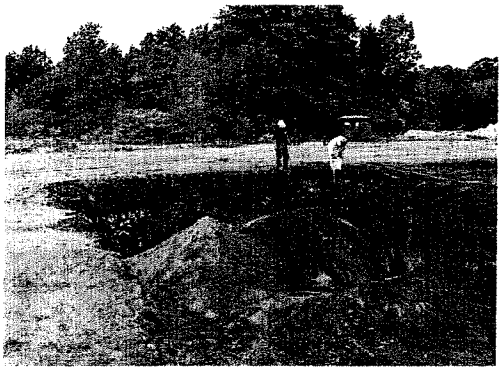
3. Watering soil during excavation.

4. Watering soil during excavation.

5. ACM debris and striations in soil. Refer to 8/17/05 drawing.

6. ACM debris and striations in soil.

Gorham Mill Site Photographs
Page 2



7. ACM debris and striations in soil.

8. ACM debris and striations in soil.

9. Sifting soil.

10. Leveling soil.

11. Filling hole.

12. Watertruck wetting down soil.

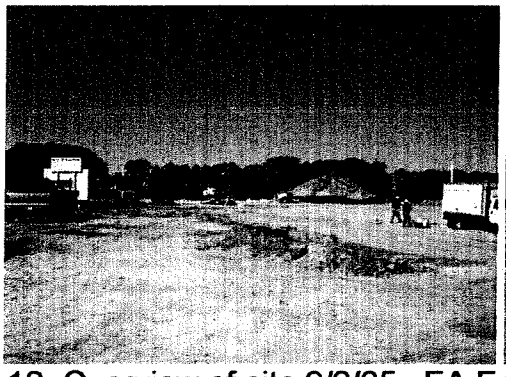
Gorham Mill Site Photographs
Page 3

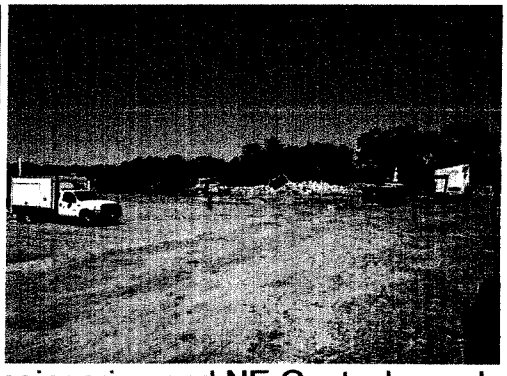
13. Transite pipes encased in concrete.

14. Transite pipes encased in concrete.

15. Separating foundation from re-bar.

16. Disposing re-bar.





17 & 18. Overview of site 9/2/05. EA Engineering and NE Geotech conducting water sampling.

Appendix D

Waste Disposal Paperwork

SERVICE TRANSPORT GROUP, INC.

58 PYLES LANE, NEW CASTLE, DE 19720 PHONE:(877) 999-9559

No 192707 Abatement Plan No. None **WASTE SHIPMENT RECORD** Shipment 1 of 1 S.T.G. # _____

GENERATOR

1. Material Origin Site	Generator: Name/Address	Generator: Phone #
Former Gorham Manufacturing Property -- Parcel B 333 Adelaide Avenue Providence, RI 02907	City of Providence / Dept of Public Properties 25 Dorrance Street Providene, RI 02903 ATT: ALAN SEPE	401-421-7740

2. Removal Contractor: Name/Address		Contractor: Phone #
Pasquazzi Bros., Inc. 464 Dyer Avenue Cranston, RI 02920	License LAC 179-000 Contact: Henry Pasquazzi, Jr.	401-942-2250

3. Responsible Agency: Name/Address	4. US DOT Class - FRIABLE ASBESTOS ONLY
U.S. EPA Region I One Congress Street, Ste. 1100 Boston, MA 02114-2023	RQ ASBESTOS, 9, NA 2212, PG III

5. Description of Materials Specify Friable or Non-Friable	Containers No. 34 Type	Total Quantity
Non Friable	Dumpster Bags TSI/VAT	1
IF Friable (enter required information)		
IF Non-Friable (check one): ☐ Category I ☐ Category II		

6. Special Handling Instructions: 24-hour emergency spill response no. 800-424-9300

7. Generator Certification:

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport by highway according to the applicable regulations of the Department of Transportation, US E.P.A., and any other state government agency. I certify that the foregoing is true and correct to the best of my knowledge. If the waste shipment is not as stated, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generator's expense.

Printed/Typed Name & Title	Signature	Date
Henry Pasquazzi, Jr. / Vice President		September 7th 2005

TRANSPORTER

8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.

Company Name & Address		
Pasquazzi Bros., Inc. 464 Dyer Avenue Cranston, RI 02920	Signature: _____ Printed Name: Henry Pasquazzi, Jr. Title: Vice President	Telephone No. 401-942-2250 Date: September 7th 2005

9. Transporter 2 (Acknowledgement of Receipt of Materials)

Company Name & Address		
Service Transport Group, Inc. 58 Pyles Lane New Castle, DE 19720	Signature: _____ Printed Name: _____ Title:	Telephone No. 877-999-9559 Date:

DISPOSAL SITE

10. Discrepancy Indication Space:

11. Waste Disposal/Recycling Site Owner or Operator's Certification (Receipt of above Waste Except as Noted in 10)

Company Name & Address		
A & L Salvage, Inc. 11225 S. R. 45 P.O. Box 333 Lisbon, OH 44432 Permit No. OH EPA 139120	Signature: _____ Printed Name: _____ Title: _____	Telephone No. 330-424-3939 Date

WHITE-Disposal Site • GREEN-S.T.G. • YELLOW-Contractor • PINK-Generator • GOLD - Pick Up Receipt

RESOURCE RECOVERY CORPORATION

[illegible] RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
JOHNSTON OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

1000209779

RECEIPT DOCUMENT NUMBER

Monday 8/15/05
9:41 AM

A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907-

A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907-

[illegible]/05	[illegible]	EF	10102158	5A	60340 LBS Scale 33.17 Tons	35980 LBS Scale 17.99 Tons	30360 LBS 15.18 Tons

1	Pickup/Van		Landfill Inbound

15.18	101	COMMERCIAL WASTE - NON-K	Ton	$65.75	$998.09
		Host Community Surcharge			$3.00

604

Comments:

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME PRINT E. Mount SIGNATURE E. M[signature]

DOCUMENT TOTAL $1,001.09

RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
JOHNSTON OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

100210120

RECEIPT DOCUMENT NUMBER

Monday 8/15/05
12 Noon

BILL TO
A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907

HAULER
A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907

DATE	TIME IN	OPER.	TIME OUT	OPER.	GROSS WGT.	TARE WGT.	NET WGT.
8/15/05	12:01:40	EF	12:16:45	JR	85860 LBS Scale 42.93 Tons	35220 LBS Scale 17.61 Tons	50640 LBS 25.32 Tons

VEHICLE NUMBER	VEHICLE TYPE	TRAILER	TARE COMMENT
1	Pickup/Van		Landfill Inbound

QUANTITY	ITEM	DESCRIPTION	UNIT	UNIT PRICE	AMOUNT
25.32	101	COMMERCIAL WASTE - NON-R	Ton	$65.75	$1,664.79
				Host Community Surcharge	$3.00
				TOTAL	$1,667.79

504

Comments:

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME PRINT E. Mouta SIGNATURE E. Mouta

RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
JOHNSTON OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

100212477
RECEIPT DOCUMENT NUMBER

WEDS 8/17/05
12:46 PM

BILL TO
A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907-

HAULER
A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907-

DATE	ENTRANCE	OPER.	EXIT TIME	CODE	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
8/17/05	12:46:14	KJJ	12:58:37	SA	81620 LBS Scale 40.81 Tons	35220 LBS Scale 17.61 Tons	46400 LBS 23.20 Tons

VEHICLE NUMBER	DESCRIPTION	UNIT	CONTAINER
1	Pickup/Van	A.KOREY	Landfill Inbound

QUANTITY	CODE	MATERIAL	UNIT	PRICE	AMOUNT
23.20	101	COMMERCIAL WASTE - NON-K	Ton	$65.75	$1,525.40
		Host Community Surcharge			$3.00
				TOTAL	$1,528.40

STEEL Pipes Fill to Cover

Comments:

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME PRINT E. Mount SIGNATURE E. Mount

WEDS ~~THURS~~ 8/17/05

7:12 AM

RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
JOHNSTON OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

100210722

RECEIPT DOCUMENT NUMBER

A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907-

D&B 959090
D&B CONSTRUCTION SERVICES, INC
90 RESERVOIR AVENUE
PROVIDENCE, RI02907-

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	GROSS WEIGHT	[illegible]	NET WEIGHT
07/16/05	07:12:06	WWA	07:42:44	PH	78760 LBS Scale 39.38 Tons	40760 LBS Scale 20.38 Tons	38000 LBS 19.00 Tons

VEHICLE NUMBER	[illegible]	[illegible]	TRANSACTION TYPE
860427	Transfer Trailer	4500C m	Landfill Inbound

QUANTITY	[illegible]	DESCRIPTION	UNIT	UNIT PRICE	AMOUNT
19.00	101	COMMERCIAL WASTE - NON-K	Ton	$65.75	$1,249.25
		604 8 Steel Pipes Combo & Concrete 2998			
Comments:					
		Host Community Surcharges			$3.00
				[illegible]	$1,252.25

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME PRINT Kevin Colotta SIGNATURE [signature]

RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
JOHNSTON OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

100210631

RECEIPT DOCUMENT NUMBER

Tues
8/16/05
6:30 AM

A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907-

A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907-

8/16/05	[illegible]	00A	06:47:04	PM	74940 LBS Scale 37.47 Tons	35260 LBS Scale 17.63 Tons	39680 LBS 19.04 Tons

1	[illegible]		Landfill Inbound	

19.04	101	COMMERCIAL WASTE - NON K	Ton	$68.51	$1,304.40

604
2998
Timbone

Comments:

Host Community Surcharge: $3.00

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME
PRINT________________ SIGNATURE E. M

$1,307.40

RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
JOHNSTON OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

100211407

RECEIPT DOCUMENT NUMBER

TUES
~~WED~~
8/16/05
1:42 PM

BILL TO
A KO277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907

HAULER
A KO277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907

DATE	ENTRY TIME	SCALE	EXIT TIME	OPER	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
8/16/05	13:42:15	LSM	13:42:52	LSM	72500 LBS Manual 36.25 Tons	35260 LBS Scale 17.63 Tons	37240 LBS 18.62 Tons

VEHICLE NUMBER	TRANSACTION TYPE	TRANSACTION NUMBER
1	Roll Off	Landfill Inbound

QUANTITY	UNIT	DESCRIPTION	UNITS	UNIT PRICE	AMOUNT
18.62	101	COMMERCIAL WASTE - NON-HAZ	Ton	65.75	1,224.27
		CREOSOTE TIMBERS			
Comments:					
			Host Community Surcharge:		3.00

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME PRINT E. Mouat SIGNATURE E. Mouat

PAYMENT 1,227.27

RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
JOHNSTON OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

100211066

RECEIPT DOCUMENT NUMBER

Tues
8/16/05
10:25 AM

BILL TO:
A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907

HAULER:
A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907

DATE	ENTRY TIME	[illegible]	EXIT TIME	[illegible]	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
8/16/05	10:25:11	WWA	10:42:16	LSM	73500 LBS Scale 36.75 Tons	35240 LBS Scale 17.62 Tons	38260 LBS 19.13 Tons

VEHICLE NUMBER	VEHICLE TYPE	PLATE NUMBER	TRANSACTION TYPE
1	Pickup/Van		Landfill Inbound

QUANTITY	[illegible]	DESCRIPTION/ORIGIN	UNIT	UNIT PRICE	AMOUNT
19.13	101	COMMERCIAL WASTE - NON-K	Ton	$65.75	$1,257.80
		Host Community Surcharge:			$3.00
					$1,260.80

CREOSOTE TIMBERS

Comments:

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME PRINT: E. Mount

SIGNATURE: E. M[illegible]

RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
JOHNSTON OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

1000135A1

RECEIPT DOCUMENT NUMBER

THURS
8/18/05
1:03 PM

[redacted]
A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907-

[redacted]
A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907-

8/18/05	13:03:31	JR	13:19:31	EF	88520 LBS Scale 44.26 Tons	36920 LBS Scale 18.46 Tons	51600 LBS 25.80 Tons

1	Pickup/Van	Landfill Inbound	

35.80	101	COMMERCIAL WASTE - NON-R	Ton	165.75	11,696.35

Comments:

Host Community Surcharge: 3.00

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME
PRINT_____ SIGNATURE_____

TOTAL 11,699.35

RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
JOHNSTON OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

100213421
RECEIPT DOCUMENT NUMBER

Thurs
8/18/05
11:49 AM

A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907

A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907

8/18/05	11:49:01	TR	12:07:49	EF	85120 LBS Scale 42.56 Tons	36680 LBS Scale 18.34 Tons	48440 LBS 24.22 Tons

1	Pickup/Van		Landfill Inbound

24.22	101	COMMERCIAL WASTE - NON-K	Ton	$65.75	$1,592.47
Comments:					
		Host Community Surcharge:			$3.00

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME
PRINT ______ SIGNATURE ______

$1,595.47

2

RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
JOHNSTON OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

100222872

RECEIPT DOCUMENT NUMBER

BILL TO:
A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907

HAULER:
A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907

DATE	ENTRY	OPER.	EXIT TIME	OPER.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
[illegible]					Scale 24.67 Tons	Scale 18.25 Tons	6.42 Tons

VEHICLE NUMBER		PLATE NUMBER	TRANSACTION TYPE
			Inbound

QUANTITY		COMMERCIAL	DESCRIPTION	UNITS	UNIT PRICE	AMOUNT
			STEEL			
Comments:		a.korey				
			Host Community Surcharge:			$3.00

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME PRINT [signature] SIGNATURE [signature]

DOCUMENT TOTAL: $425.12

RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
JOHNSTON OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

100220691

RECEIPT DOCUMENT NUMBER

A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907-

A K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI02907-

9/6/05	09:20:50	EF	09:42:03	SF	43280 LBS Scale 21.64 Tons	33120 LBS Scale 16.56 Tons	10160 LBS 5.08 Tons

1	Pickup/Van		Landfill Inbound

5.08	101	COMMERCIAL WASTE - NON-RI	Ton	$65.75	$334.01

Comments:

Host Community Surcharges: $3.00

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation and complies with all applicable laws and regulations.

DRIVER NAME
PRINT ______ SIGNATURE ______

$337.01

WEIGHMASTER CERTIFICATE
TRUCK SCALE

TICKET #: TAJMAQ

METALS RECYCLING L.L.C.
89 Celia Street • Johnston, RI 02919
(401) 831-7799 • FAX: (401) 331-9854

Purchased From: BJOR01
NIKE DOBRIBHA
90 RESERVIOR AVE
PROVIDENCE RI 01757

METALS RECYCLING - JOHNSTON
89 CELIA STREET
JOHNSTON RI 02919-0502

Veh # TK TAJMAQ ID # KOREY Vendor SO

SHPMNT#	COMMODITY	GROSS	TARE	NET	ADJ REASON	PD WT
TAJMAQ	UNPREP CAST	42680A	26500B	16180		16180

ALL WEIGHTS ARE REPORTED IN POUNDS UNLESS OTHERWISE INDICATED. ALL NON-POUND WEIGHTS ARE ASSUMED TO BE MANUAL WEIGHTS

TOTALS	42680	26500	16180	16180

(LINDA MARR)
WEIGHMASTER SIGNATURE _____

CUSTOMER SIGNATURE _____

A=SCALE 1 B=SCALE 2 C=SCALE 3 D=SCALE 4 M=MANUAL WEIGHT

GRS Date	09/02/05
GRS Time	7:40
TRE Date	09/02/05
TRE Time	7:55

GROSS TONS
7.2232

"SUBJECT TO CONDITIONS AND DISCLAIMER ON BACK"

WEIGHMASTER CERTIFICATE
TRUCK SCALE

TICKET #: TAJMUW

METALS RECYCLING L.L.C.
89 Celia Street • Johnston, RI 02919
(401) 831-7799 • FAX: (401) 331-9854

Purchased From BJOR01
MIKE DUBRIDNA
90 RESERVIOR AVE
PROVIDENCE RI 01757

METALS RECYCLING - JOHNSTON
89 CELIA STREET
JOHNSTON RI 02919-0002

Veh # TK TAJMUW ID # KOREY Vendor BD

SHP					PD WT
TAJMUW CAST	382004 276808	8540			8540

ALL WEIGHTS ARE REPORTED IN POUNDS UNLESS OTHERWISE INDICATED. ALL NON-POUND WEIGHTS ARE ASSUMED TO BE MANUAL WEIGHTS

TOTALS					8540

(BOB CARLONE)
WEIGHMASTER SIGNATURE _____

CUSTOMER SIGNATURE _____

A=SCALE 1 B=SCALE 2 C=SCALE 3 D=SCALE 4 M=MANUAL WEIGHT

GRS Date 09/06/05	GROSS TONS
GRS Time 12:42	3.9125
TRE Date 09/06/05	
TRE Time 12:48	

"SUBJECT TO CONDITIONS AND DISCLAIMER ON BACK"

WEIGHMASTER CERTIFICATE
TRUCK SCALE

TICKET #: TAJMNR

METALS RECYCLING L.L.C.
89 Celia Street • Johnston, RI 02919
(401) 831-7799 • FAX: (401) 331-9854

Purchased From: BJOROI
MIKE DUBRIGNA
90 RESERVOIR AVE
PROVIDENCE RI 01757

Metals Recycling [illegible] RECYCLING - JOHNSTON
89 CELIA STREET
JOHNSTON RI 02919-0002

Veh # TK TAJMNR ID # KOREY

Vendor 60

SH[illegible]

TAJMNR UNPREP H2 HMS [illegible] 10140

ALL WEIGHTS ARE REPORTED IN POUNDS UNLESS OTHERWISE INDICATED. ALL WEIGHTS [illegible] ARE ASSUMED TO BE MANUAL WEIGHTS

TOTALS [illegible] 10140

(LINDA MARR)
WEIGHMASTER SIGNATURE _____

CUSTOMER SIGNATURE _____

[illegible]date 09/06/05 GROSS TONS
[illegible]Time 7:27 1 4.5267
[illegible]date 09/06/05 1
TARE Time 7:40 1

A=SCALE 1 B=SCALE 2 C=SCALE 3 D=SCALE 4 M=MANUAL WEIGHT

"SUBJECT TO CONDITIONS AND DISCLAIMER ON BACK"

Appendix E

Daily Field Logs and Site Photographs

August 15, 2005

MEMORANDUM

TO:	T. Regan, P. Grivers	**LOCATION:**	EA–Rhode Island
FROM:	M. Grieve	**LOCATION:**	EA–Rhode Island
SUBJECT:	**Engineer Daily Notes, August 12, 2005** **Former Gorham Site (Providence, RI)**		

The following summary details construction activities at the former former Gorham Manufacturing Site in Providence, Rhode Island.

SITE ACTIVITIES

1000
M. Grieve, P. Grivers (EA), A. Korey Contractors, RI Analytical, Pasquazzi Const. And Geisser Eng onsite

- Currently, soil excavation has commenced on the mid-western area of the Former Gorham Manufacturing site.

1530
All site work ends. Gorham site locked and secure.

ENGINEERS NOTES

The following were monitored throughout the day and were found satisfactory:

- Fence maintained
- Water source consistently used on site for dust control
- Screened material separated. Heavy material stockpiled in designated area, while screened soil was placed back in excavated trenches and compressed.
- All soil covered by polysheeting

MDG
cc:

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Matt Grieve

Date: 8/12/05 **Time:** _____

Names of Subcontractor's On-Site Performing Work:

See attached memo.

Description of Site Activities (attach additional sheets as needed):

Stockpile Management (attach additional sheets as needed):

Signature _____ **EA Supervisor Review** _____

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Darnell Anderson

Date: 8/15/2005 **Time:** 0700 - 0530

Names of Subcontractor's On-Site Performing Work:
A. Korey Contractors, RI Analytical, Pasquazzi Const. Geisser Engineering.

Description of Site Activities (attach additional sheets as needed):
A Korey Contractors screened material, hauled off 2 truckloads of Debris. Geiser Engineering testing compaction. R.I. Analytical/~~A Korey~~ Pasquazzi monitored material and site for ACM. EA Engineering monitored site of P.I.D & % LEL → None Detected

Stockpile Management (attach additional sheets as needed):
Existing soil stockpile covered w/ 6 mil poly.

Signature _____ **EA Supervisor Review** _____

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Darrell Anderson

Date: 8/16/2005 **Time:** 0700 - 1530

Names of Subcontractor's On-Site Performing Work:

H. V. Collins, A. Korey, R.T. Analytical, Geiser Engineering E.A. Engineering. Pasquazz

Description of Site Activities (attach additional sheets as needed):

A. Korey using Dozer on west lot working south to North roughly 12' cut. R.T. Analytical/Pasquazzi monitoring site for apparent and suspect ACM material. E.A. monitored P.I.D & L.E.L none detected. 1 30yd Dumpster hauled off site. Geiser Engineering performed multiple compaction tests during compaction process.

Stockpile Management (attach additional sheets as needed):

No stockpiles created, 1 existing pile covered with 6 mil. poly.

Signature Darrell Anderson **EA Supervisor Review** Peter Hart

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Durnell Anderson

Date: 8/17/2005 **Time:** 0700 - 1530

Names of Subcontractor's On-Site Performing Work:
H. V. Collins, A Korey, Geiser Engineering, R.I. Analytical Pasquazzi, EA Engineering

Description of Site Activities (attach additional sheets as needed):
A. Korey Filling 8/16 excavation (west center lot) with ~~exs~~ existing stockpile. R.I. analytical/Pasquazzi monitored site for ACM air & material. Geiser Eng. performing compaction tests and monitoring material for unsuitable material. EA Engineering monitoring environment PID & LEL none detected 1 30 yd Dumpster hauled off site.

Stockpile Management (attach additional sheets as needed):
No existing stockpiles

Signature _____ **EA Supervisor Review** _____

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Darnell Anderson

Date: 8/18/2005 **Time:** 0700 - 1530

Names of Subcontractor's On-Site Performing Work:

H.V. Collins, A. Korey, Geiser Engin, E.A. Engineering, R.I. Analytical, Pasquazzi.

Description of Site Activities (attach additional sheets as needed):

A Korey Excav/screening material west center lot (adj property fence) Approx 13' cut. R.I Analytical/pasquazzi monitoring site for ACM in material & air. E.A monitored environ. for PID & LEL none detect. Geiser Engineering performing compaction tests and monitoring material for unsuitables. H.V collins performing site control/layout 1 30yd Dumpster hauled off site.

Stockpile Management (attach additional sheets as needed):

No stockpiles created.

Signature [signature] **EA Supervisor Review** [signature]

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Darnell Anderson

Date: 8/23/2005 **Time:** 0700 - 1530

Names of Subcontractor's On-Site Performing Work:

H.V Collins, A. Korey, Geiser Engineering, EA Engineering R.I. Analytical, Pasquazzi. ~~Verizon onsite to work on phone installation for trailer.~~

Description of Site Activities (attach additional sheets as needed):

A Korey stared excavation on N.W side of lot col. grid T1-R4 Approx 12' wt. R.I Analytical/Pasquazzi monitored site for ACM. Geiser Eng. performed compaction test and monitor excav/screened materials for unsuitables. EA engineering monitored environ. PID's %LEL none detected

Stockpile Management (attach additional sheets as needed):

1400 - Stockpile created and covered with 6Mil poly.

Signature _____ **EA Supervisor Review** Peter Fiveson

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Peter Rivera

Date: 8/24/05 **Time:** 7:15 AM - 3:30

Names of Subcontractor's On-Site Performing Work:
H.V. Collins, Pasquazzi, A. Khoury, RI Analytical, Hauser

Description of Site Activities (attach additional sheets as needed):
RIAL sets up upwind-downwind and personal monitors. Hauler degrading on future School NW corner. Sprinklers + water truck operat Screening operations ongoing. Utility trench (temp) for temp powe and phone utility to contractors trailer occurring in vicinity of Soi prop. line. Fielded several calls from neighbors/DEM. Water applied manuall in vicinity of trench. PID + LEL all ND throughout the day.

Stockpile Management (attach additional sheets as needed):
Small stockpile (covered w/ 6-mil poly) on-site at 7:15 am from previous day's work. Stockpile was inspected and material screened ~~No stockpiles of screened on-site after Noon~~. No soil left site. No clean fill brought to site. Small stockpile covered w/ 6-mil poly and secured w/ sand bags.

Signature Peter Rivera **EA Supervisor Review** Peter Rivera

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Darnell Anderson

Date: 8/25/2005 **Time:** 0700 - 1530

Names of Subcontractor's On-Site Performing Work:
H.V. Collins, A Korey, Geiser Engineering, R.T Analytical Pasquazzi, EA Engineering, Verizon

Description of Site Activities (attach additional sheets as needed):
A Korey started excavating S.E corner of lot (Adj trailer) hoe ram crushing existing footing/wall. R.T Anal/Pasquazzi monitored site for ACM. Verizon installing phone in trailer. Geiser Engineering on compaction testing. EA Engineering monitored P.I.D & %LEL → None Detected

Stockpile Management (attach additional sheets as needed):
No Existing Stockpiles

Signature _____ **EA Supervisor Review** _____

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Darnell Anderson

Date: 8/26/2005 **Time:** 0700 - 1530

Names of Subcontractor's On-Site Performing Work:

H.V. Collins, A. Korey, Geiser Engineering, R.I Analytical Pasquazzi, EA Engineering

Description of Site Activities (attach additional sheets as needed):

A Korey working dozer south to North (east lot Approx 15-21 col.
2 laborers separating wood/metal out of screened material.
R.I. Analytical/Pasquazzi monitored site for ACM. Geiser Eng.
performed compaction tests and monitored screened materials
for unsuitables. EA Engineering monitored environ. for
PID & %LEL None Detected

Stockpile Management (attach additional sheets as needed):

No existing stockpiles

Signature _____ **EA Supervisor Review** _____

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Darnell Anderson

Date: 8/29/2005 **Time:** 0700 - 1530

Names of Subcontractor's On-Site Performing Work:
H.V. Collins, A. Korey, Geiser Engineering, R.I. Analytical/Pasquazzi, EA Engineering

Description of Site Activities (attach additional sheets as needed):
A. Korey using Dozer @ east lot area, hoe ram breaking concrete prep. for crusher. RI Analytical/Pasquazzi monitored site for ACM Geiser Eng. performed compaction tests and monitored screened materials for unsuitables. EA Engin. monitored environ. for P.I.D. & %LEL → None Detected.

Stockpile Management (attach additional sheets as needed):
No existing stockpiles

Signature _____ **EA Supervisor Review** _____

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Darnell Anderson

Date: 8/30/2005 **Time:** 0700 - 1530

Names of Subcontractor's On-Site Performing Work:
H.V. Collins, A. Korey, Geiser Engineering, R.I. Analytica
Pasquazzi, EA Engineering

Description of Site Activities (attach additional sheets as needed):
A. Korey screening material at N.E lot (approx col. line 21 Q)
Mechanic repairing hoe ram, 1200 hoe ram operational. R.I anal
Pasquazzi monitored site for ACM. Geiser Engin. performed compact
test and monitored screened materials for unsuitables. EA Engineeri
monitored environ. for P.I.D & % LEL → None Detected

Stockpile Management (attach additional sheets as needed):
No existing stockpiles

Signature _____ **EA Supervisor Review** _____

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Darnell Anderson

Date: 8/31/2005 **Time:** 0700-1530

Names of Subcontractor's On-Site Performing Work:
H. V. Collins, A. Korey, Geiser Engineering, RT Analytica
Pasquazzi, EA Engineering.

Description of Site Activities (attach additional sheets as needed):
H.V. Collins installing layout steaks for control. A. Korey screening material along col. line 21-A-H. Remove/replace in 12" lifts. RT Analytic & Pasquazzi monitored site for ACM. Geiser Engineering performed compaction tests and inspection for unsuitables. EA Engineering monitored site @ P.I.D & % LEL ⇒ None Detected

Stockpile Management (attach additional sheets as needed):
No existing stockpiles

Signature _____ **EA Supervisor Review** Peter Nyb

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Darnell Anderson

Date: 9/1/2005 **Time:** 0700 - 1530

Names of Subcontractor's On-Site Performing Work:
H.V. Collins, A. Korey, Geiser Engineering, R.I. Analytical Pasquazzi.

Description of Site Activities (attach additional sheets as needed):
A. Korey using dozer Approx. center lot mound into east lot excavation (to level off). Laborers manually separation wood & metal from brick & concrete. Hoe Ram preping concrete pile for crusher. Geiser Engin. on compaction R.I Analytical/Pasquazzi on ACM. EA Engineering on P.I.D & %LEL None Detected.

Stockpile Management (attach additional sheets as needed):
No existing stockpiles

Signature _____ **EA Supervisor Review** Peter Ayo

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Darnell Anderson

Date: 9/2/2005 **Time:** 0700 - 1800

Names of Subcontractor's On-Site Performing Work:
H.V. Collins, A. Korey, Geiser Engineering. R.T. Analytical Pasquarzi, N.E. Geotech

Description of Site Activities (attach additional sheets as needed):
A. Korey grading center mound eastward. N.E. Geotech drilled & boring hole so EA could obtain soil samples (8) and install monitoring wells (2) to obtain Ground Water samples

Stockpile Management (attach additional sheets as needed):
No existing stockpiles

Signature _____ **EA Supervisor Review** _____

EA Engineering, Science, and Technology, Inc.

Daily Field Log

Former Gorham Manufacturing Facility- Parcel B
EA Project No. 61965.01

Name of EA Personnel Completing Log: Darnell Anderson

Date: 9/6/2005 **Time:** 0700 - 1100

Names of Subcontractor's On-Site Performing Work:
H. V. Collins, A. Korey, R.I. Analytical

Description of Site Activities (attach additional sheets as needed):
A. Korey Working hoe ram and excavator on concrete pile prepping for crusher. R.I. Analytical monitored site for ACM. DMA offsite(EA)

Stockpile Management (attach additional sheets as needed):
No existing stockpiles

Signature _____ **EA Supervisor Review** _____


VOLVO


VOLVO

PHOTO 1 – Water being applied to concrete crushing prep, for dust control

PHOTO 2 – Bulldozer working screened materials back into excavation

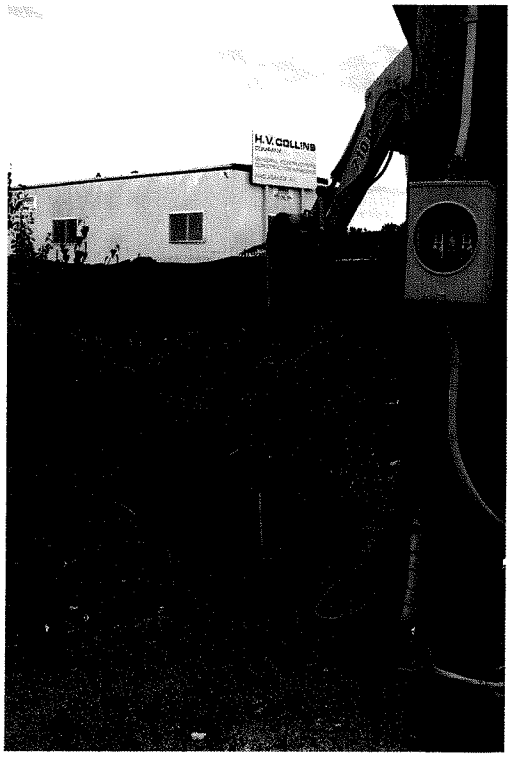


PHOTO 3 – Excavation for temporary utilities to site trailer

PHOTO 4 – General photo of concrete, wood and metal debris screened out of existing material

PHOTO 5 – 6 Mil poly to cover stockpile created from excavation

PHOTO 6 – General photo of bulldozer working material into excavation

PHOTO 7 – General photo of existing material found below grade before screening process

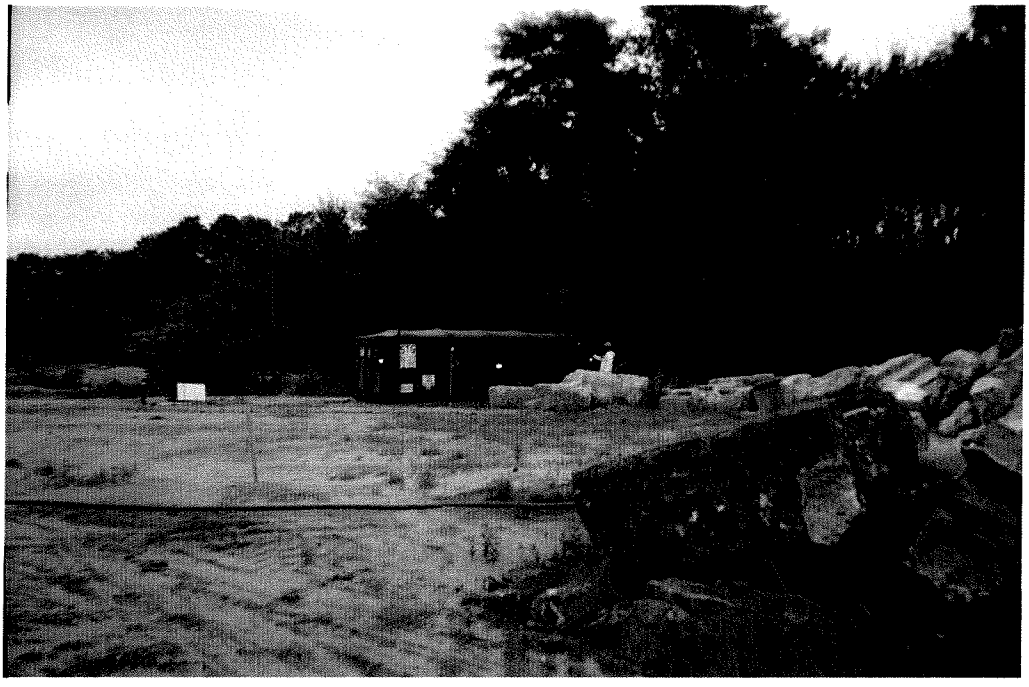


PHOTO 8 – Dumpster on site to dispose of discovered asbestos containing materials

PHOTO 9 - General photo of concrete, wood and metal debris screened out of existing material

PHOTO 10 – General photo of screened, compacted material

Appendix F

Boring Logs

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No.	Client:	Location:
61965.01	Providence Dept. of Public Property	**Former Gorham Site Providence, RI**

Drilling Method: Geoprobe 6600

Boring No. **Post LRAWP-1**

Sampling Method: 5-ft, 2-in diameter acetate sleeves

Sheet 1 of 2

Drilling Water Level		
Date	09/02/05	
Water Level	23.5	

Surface Conditions: soil

Start	Drilling Date/Times	Finish
09/02/05		09/02/05
930		1015

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/4.5	NA	(0-5)	0.0	NA	0	0-2 feet bgs: Brown f-c SAND with some brick and rock fragments
						1	
						2	2-5 feet bgs: Light brown f-c SAND
						3	
						4	
AS	5/4.5	NA	(5-10)	0.0	NA	5	5-10 feet bgs: Brown m-c SAND with some rock fragments
						6	
						7	
						8	
						9	
AS	5/4.25	NA	(10-15)	0.0	NA	10	10-15 feet bgs: Dark brown m-c SAND
						11	
						12	
						13	
						14	
AS	5/5	NA	(15-20)	0.0	N/A	15	15-20 feet bgs: Same as above at 10-15 feet bgs
						16	
						17	
						18	
						19	

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No.	Client:	Location:
61965.01	Providence Dept. of Public Property	**Former Gorham Site Providence, RI**

Drilling Method:	Boring No.
Geoprobe 6600	**Post LRAWP-1**

Sampling Method:	Sheet 2 of 2
5-ft, 2-in diameter acetate sleeves	

Drilling Water Level			Start	Drilling Date/Times	Finish
Date	09/02/05		09/02/05		09/02/05
Water Level	23.5		930		1015
Surface Conditions:	soil				

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/5	NA	(20-25)	101.0	NA	20	20-21 feet bgs: Brown f-m SAND
						21	21-25 feet bgs: Brown m-c SAND
						22	
						23	
							Wet at approximately 23.5 feet bgs
						24	
						25	Collected soil samples for lab analysis of TPH, PAHs, PP-13 metals, and VOCs from 20-25 feet bgs.
						26	
						27	
						28	
						29	
						30	
						31	
						32	
						33	
						34	
						35	
						36	
						37	
						38	
						39	

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No. 61965.01	Client: Providence Dept. of Public Property	Location: **Former Gorham Site Providence, RI**
Drilling Method: Geoprobe 6600		Boring No. **Post LRAWP-2**
Sampling Method: 5-ft, 2-in diameter acetate sleeves		Sheet 1 of 2
Drilling Water Level Date 09/02/05 Water Level 24.5		Start 09/02/05 1015 / Drilling Date/Times / Finish 09/02/05 1045
Surface Conditions: soil		

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/4.5		(0-5)	0.0	NA	0	0-0.75 feet bgs: m-c SAND with trace wood fragments
							0.75 - 5 feet bgs: m-c SAND with trace of fine SAND
						1	
						2	
						3	
						4	
AS	5/4.4.75	NA	(5-10)	0.0	NA	5	5-9.5 feet bgs: c SAND with some m SAND and trace f-m GRAVEL
						6	
						7	
						8	
						9	
							9.5-10 m SAND with trace c SAND
AS	5/5	NA	(10-15)	0.0	NA	10	10-13 feet bgs: Same as 9.5-10 feet bgs above
						11	
						12	
						13	13-15 feet bgs: Same as 5-9.5 feet bgs above
						14	
AS	5/4.5	NA	(15-20)	0.0	N/A	15	15-19 feet bgs: Same as 13-15 feet bgs above
						16	
						17	
						18	
						19	19-20 feet bgs: m SAND with trace f and trace c SAND. Trace of small GRAVEL

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No.	Client:	Location:
61965.01	Providence Dept. of Public Property	**Former Gorham Site Providence, RI**

Drilling Method: Geoprobe 6600

Boring No. **Post LRAWP-2**

Sampling Method: 5-ft, 2-in diameter acetate sleeves

Sheet 2 of 2

Drilling Water Level		
Date	09/02/05	
Water Level	24.5	

Surface Conditions: soil

Start	Drilling Date/Times	Finish
09/02/05 1015		09/02/05 1045

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/4.9	NA	(20-25)	0.0	NA	20	20-25 feet bgs: m SAND with trace f and trace c SAND. Trace small GRAVEL
						21	
						22	
						23	
						24	
							Wet at approximately 24.5 feet bgs
						25	Collected soil samples for lab analysis of TPH, PAHs, PP-13 metals, and VOCs from 20-25 feet bgs.
						26	
						27	
						28	
						29	
						30	
						31	
						32	
						33	
						34	
						35	
						36	
						37	
						38	
						39	

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No. 61965.01	Client: Providence Dept. of Public Property	Location: **Former Gorham Site Providence, RI**
Drilling Method: Geoprobe 6600		Boring No. **Post LRAWP-3**
Sampling Method: 5-ft, 2-in diameter acetate sleeves		Sheet 1 of 2
Drilling Water Level Date 09/02/05 Water Level 23.00		Start 09/02/05 1045 / Drilling Date/Times / Finish 09/02/05 1130
Surface Conditions: soil		

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/4.5		(0-5)	0.0	NA	0	0-5 feet bgs: Brown m-c SAND with trace brick fragments and trace f GRAVEL
						1	
						2	
						3	
						4	
AS	5/4.4.75	NA	(5-10)	5.0	NA	5	5-10 feet bgs: f-m SAND with trace f GRAVEL
						6	
						7	
						8	
						9	
AS	5/5	NA	(10-15)	0.0	NA	10	10-11 feet bgs: Dark brown f SAND with m SAND trace of SILT
						11	11-15 feet bgs: Light brown f-c SAND with trace of f-m GRAVEL
						12	
						13	
						14	
AS	5/4.25	NA	(15-20)	0.0	N/A	15	15-17.5 feet bgs: m SAND with trace of f-m GRAVEL
						16	
						17	
							17.5-19 feet bgs: c SAND with trace of m SAND
						18	
						19	19-20 feet bgs: Same as 5-10 feet bgs above

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No.	Client:	Location:
61965.01	Providence Dept. of Public Property	**Former Gorham Site Providence, RI**

Drilling Method: Geoprobe 6600

Boring No. **Post LRAWP-3**

Sampling Method: 5-ft, 2-in diameter acetate sleeves

Sheet 2 of 2

Drilling Water Level		
Date	09/02/05	
Water Level	23.00	

Surface Conditions: soil

Start	Drilling Date/Times	Finish
09/02/05 1045		09/02/05 1130

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/4.75	NA	(20-25)	0.0	NA	20	20-23 feet bgs: f-m SAND with some c SAND
						21	
						22	
						23	23-25 feet bgs: f SAND
						24	
						25	Wet at approximately 23.0 feet bgs Collected soil samples for lab analysis of TPH, PAHs, PP-13 metals, and VOCs from 5-10 feet bgs.
						26	
						27	
						28	
						29	
						30	
						31	
						32	
						33	
						34	
						35	
						36	
						37	
						38	
						39	

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No. 61965.01	Client: Providence Dept. of Public Property	Location: **Former Gorham Site Providence, RI**
Drilling Method: Geoprobe 6600		Boring No. **Post LRAWP-4**
Sampling Method: 5-ft, 2-in diameter acetate sleeves		Sheet 1 of 2
Drilling Water Level Date 09/02/05 Water Level 22.00		Start 09/02/05 1130 / Drilling Date/Times / Finish 09/02/05 1215
Surface Conditions: soil		

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/4.5		(0-5)	0.0	NA	0	0-2.5 feet bgs: Brown f-m SAND with trace wood and brick fragments
						1	
						2	
							2.5-5 feet bgs: Brown f SAND with trace m SAND and trace wood fragments
						3	
						4	
AS	5/4.4.75	NA	(5-10)	0.0	NA	5	5-5.5 feet bgs: Same as 2.5-5 feet bgs above
							5.5-10 feet bgs: m-c SAND with trace of f GRAVEL
						6	
						7	
						8	
						9	
AS	5/4.75	NA	(10-15)	0.0	NA	10	10-12 feet bgs: Brown f SAND with trace f GRAVEL
						11	
						12	12-13 feet bgs: Gray f SAND with trace of CLAY
						13	13-15 feet bgs: Gray f SAND
						14	
AS	5/4.5	NA	(15-20)	0.0	NA	15	15-19 feet bgs: Same as 13-15 feet bgs above
						16	
						17	
						18	
						19	19-20 feet bgs: Brown f SAND

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No.	Client:	Location:
61965.01	Providence Dept. of Public Property	**Former Gorham Site Providence, RI**

Drilling Method: Geoprobe 6600

Boring No. **Post LRAWP-4**

Sampling Method: 5-ft, 2-in diameter acetate sleeves

Sheet 2 of 2

Drilling Water Level		
Date	09/02/05	
Water Level	22.00	

Surface Conditions: soil

Start	Drilling Date/Times	Finish
09/02/05 1130		09/02/05 1215

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/5	NA	(20-25)	0.0	NA	20	20-21 feet bgs: Same AS 15-19 feet bgs above
						21	21-23 feet bgs: Same AS 19-20 feet bgs above
						22	Wet at approximately 22.0 feet bgs
						23	23-25 feet bgs: Same AS 20-21 feet bgs above (wet)
						24	
						25	Collected soil samples for lab analysis of TPH, PAHs, PP-13 metals, and VOCs from 20-25 feet bgs.
						26	
						27	
						28	
						29	
						30	
						31	
						32	
						33	
						34	
						35	
						36	
						37	
						38	
						39	

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No. 61965.01	Client: Providence Dept. of Public Property	Location: **Former Gorham Site Providence, RI**
Drilling Method: Geoprobe 6600		Boring No. **Post LRAWP-5**
Sampling Method: 5-ft, 2-in diameter acetate sleeves		Sheet 1 of 2
Drilling Water Level		Start 09/02/05 1215 / Drilling Date/Times / Finish 09/02/05 1300
Date 09/02/05		
Water Level 23.00		
Surface Conditions: soil		

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/4.75		(0-5)	0.0	NA	0	0-2 feet bgs: Brown m SAND with some rock fragments
						1	
						2	2-5 feet bgs: Brown m-c SAND with some f-m GRAVEL
						3	
						4	
AS	5/4.4.75	NA	(5-10)	0.0	NA	5	5-6 feet bgs: Same as 2-5 feet bgs above
						6	6-7 feet bgs: Fine SAND and CLAY layer
						7	7-10 feet bgs: Same as 5-6 feet bgs above
						8	
						9	
AS	5/5	NA	(10-15)	0.0	NA	10	10-15 feet bgs: Brown m-c SAND
						11	
						12	
						13	
						14	
AS	5/5	NA	(15-20)	0.0	NA	15	15-20 feet bgs: Same as 10-15 feet bgs above
						16	
						17	
						18	
						19	

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No. 61965.01	Client: Providence Dept. of Public Property	Location: **Former Gorham Site Providence, RI**
Drilling Method: Geoprobe 6600		Boring No. **Post LRAWP-5**
Sampling Method: 5-ft, 2-in diameter acetate sleeves		Sheet 2 of 2

Drilling Water Level		
Date	09/02/05	
Water Level	23.00	
Surface Conditions: soil		

Start	Drilling Date/Times	Finish
09/02/05 1215		09/02/05 1300

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/4.5	NA	(20-25)	0.0	NA	20	20-25 feet bgs: Same as 10-15 feet bgs above (wet at 23 feet bgs)
						21	
						22	
						23	Wet at approximately 23.0 feet bgs
						24	
						25	Collected soil samples for lab analysis of TPH, PAHs, PP-13 metals, and VOCs from 20-25 feet bgs.
						26	
						27	
						28	
						29	
						30	
						31	
						32	
						33	
						34	
						35	
						36	
						37	
						38	
						39	

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No. 61965.01	Client: Providence Dept. of Public Property	Location: **Former Gorham Site Providence, RI**
Drilling Method: Geoprobe 6600		Boring No. **Post LRAWP-6-MW**
Sampling Method: 5-ft, 2-in diameter acetate sleeves		Sheet 1 of 2
Drilling Water Level		
Date: 09/02/05		Start: 09/02/05 1300 / Drilling Date/Times / Finish: 09/02/05 1415
Water Level: 23		
Surface Conditions: soil		

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/3.0	NA	(0-5)	0.0	NA	0	0-5 feet bgs: Dark brown f-m SAND with trace silt, wood, and rock fragments
						1	
						2	
						3	
						4	
AS	5/4.5	NA	(5-10)	0.0	NA	5	5-6 feet bgs: Same as 0-5 feet bgs above
						6	6-10 feet bgs: Light brown fine SAND with trace m-c sand
						7	
						8	
						9	
AS	5/4.75	NA	(10-15)	0.0	NA	10	10-15 feet bgs: Same as 6-10 feet bgs above
						11	
						12	
						13	
						14	
AS	5/4.5	NA	(15-20)	0.0	NA	15	15-17 feet bgs: Same as 10-15 feet bgs above
						16	
						17	17-20 feet bgs: Brown m-c SAND with trace small gravel
						18	
						19	

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No. 61965.01	Client: Providence Dept. of Public Property	Location:	**Former Gorham Site Providence, RI**
Drilling Method: Geoprobe 6600		Boring No.	**Post LRAWP-6-MW**
Sampling Method: 5-ft, 2-in diameter acetate sleeves		Sheet 2 of 2	
Drilling Water Level		Start	Drilling Date/Times	Finish
Date	09/02/05	09/02/05		09/02/05
Water Level	23	1300		1415
Surface Conditions: soil				

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/4.25	NA	(20-25)	1.0	NA	20	20-24 feet bgs: Same as 17-20 feet bgs above; Wet at approximately 23 feet
						21	
						22	
						23	
						24	24-25 feet bgs: Fine SAND with some medium sand
AS	5/4.75	NA	(25-30)	0.0	NA	25	25-30 feet bgs: Fine SAND with some medium sand
						26	
						27	
						28	
						29	
						30	Well is set at 30', 1-in diameter Sch. 40 PVC
						31	Screen interval: 20-30' Sand pack interval: 18-30' Bentonite Interval: 16-18'
						32	Riser interval: 3' ags - 20' bgs
						33	Collected soil samples for lab analysis of TPH, PAHs, PP-13 metals, and VOCs from 20-25 feet bgs.
						34	
						35	
						36	
						37	
						38	
						39	

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No.	Client:	Location:
61965.01	Providence Dept. of Public Property	**Former Gorham Site Providence, RI**

Drilling Method: Geoprobe 6600

Boring No. **Post LRAWP-7-MW**

Sampling Method: 5-ft, 2-in diameter acetate sleeves

Sheet 1 of 2

Drilling Water Level		
Date	09/02/05	
Water Level	25	

Surface Conditions: soil

Start Drilling Date/Times	Finish
09/02/05 1500	09/02/05 1610

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/4.75	NA	(0-5)	0.0	NA	0	0-5 feet bgs: Brown f-m SAND trace of organics (leaves/twigs) trace f GRAVEL
						1	
						2	
						3	
						4	
AS	5/4.5	NA	(5-10)	0.0	NA	5	5-6 feet bgs: Same as 0-5 feet bgs above
						6	6-10 feet bgs: Light brown m SAND with some f and trace SAND
						7	
						8	
						9	
AS	5/4.5	NA	(10-15)	0.0	NA	10	10-15 feet bgs: Same as 6-10 feet bgs above
						11	
						12	
						13	
						14	
AS	5/4.5	NA	(15-20)	0.0	NA	15	15-17.5 feet bgs: f-m brown SAND
						16	
						17	
							17.5-18.5 feet bgs: c SAND with trace m brown SAND
						18	
							18.5-20 feet bgs: f-m brown SAND with trace f-m GRAVEL and trace of rock fragments
						19	

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No.	Client:	Location:
61965.01	Providence Dept. of Public Property	**Former Gorham Site Providence, RI**

Drilling Method: Geoprobe 6600

Boring No. **Post LRAWP-7-MW**

Sampling Method: 5-ft, 2-in diameter acetate sleeves

Sheet 2 of 2

Drilling Water Level		
Date	09/02/05	
Water Level	25	

Surface Conditions: soil

Start	Drilling Date/Times	Finish
09/02/05		09/02/05
1500		1610

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/5	NA	(20-25)	1.0	NA	20	20-24 feet bgs: Same as 15-17.5 feet bgs above
						21	
						22	
						23	
						24	24-25 feet bgs: f SAND
AS	5/5	NA	(25-30)	0.0	NA	25	25-30 feet bgs: f SAND with some medium sand; Wet at approx. 25 feet bgs
						26	
						27	
						28	
						29	
						30	
						31	
						32	
						33	Well is set at 32.5', 1-in diameter Sch. 40 PVC Screen interval: 22.5-32.5' Sand pack interval: 20.5'-32.5'
						34	Bentonite Interval: 18.5'-20.5' Riser interval: 3' ags - 20' bgs
						35	
						36	Collected soil samples for lab analysis of TPH, PAHs, PP-13 metals, and VOCs from 20-25 feet bgs.
						37	
						38	
						39	

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No. 61965.01	Client: Providence Dept. of Public Property	Location: **Former Gorham Site Providence, RI**
Drilling Method: Geoprobe 6600		Boring No. **Post LRAWP-8**
Sampling Method: 5-ft, 2-in diameter acetate sleeves		Sheet 1 of 2
Drilling Water Level Date 09/02/05 Water Level 24.50		Start 09/02/05 1610 / Drilling Date/Times / Finish 09/02/05 1640
Surface Conditions: soil		

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/5		(0-5)	0.0	NA	0	0-5 feet bgs: Brown f-m SAND with trace of rock fragments
						1	
						2	
						3	
						4	
AS	5/4.75	NA	(5-10)	0.0	NA	5	5-7.5 feet bgs: Same as 0-5 feet bgs above with trace of brick fragments
						6	
						7	
							7.5-10 feet bgs: Light brown f-m SAND
						8	
						9	
AS	5/4.75	NA	(10-15)	0.0	NA	10	10-15 feet bgs: Same as 7.5-10 feet bgs above
						11	
						12	
						13	
						14	
AS	5/4.75	NA	(15-20)	0.0	NA	15	15-20 feet bgs: Same as 10-15 feet bgs above
						16	
						17	
						18	
						19	

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

EA Engineering, Science, and Technology, Inc.

LOG OF SOIL BORING

Job. No.	Client:	Location:
61965.01	Providence Dept. of Public Property	**Former Gorham Site Providence, RI**

Drilling Method: Geoprobe 6600

Boring No. **Post LRAWP-8**

Sampling Method: 5-ft, 2-in diameter acetate sleeves

Sheet 2 of 2

Drilling Water Level		
Date	09/02/05	
Water Level	24.50	

Surface Conditions: soil

Start	Drilling Date/Times	Finish
09/02/05 1610		09/02/05 1640

Sample Type	Feet Driven/Ft Recvrd	Dpth Csg.	Samp # / depth (ft)	HS PID (ppm) Above bk.	PID per 1'	Ft bgs	SOIL DESCRIPTION
AS	5/4.75	NA	(20-25)	0.0	NA	20	20-25 feet bgs: Same as 10-15 feet bgs above (wet at 24.5 feet bgs)
						21	
						22	
						23	
						24	
							Wet at approximately 24.5 feet bgs
						25	
						26	Collected soil samples for lab analysis of TPH, PAHs, PP-13 metals, and VOCs from 20-25 feet bgs.
						27	
						28	
						29	
						30	
						31	
						32	
						33	
						34	
						35	
						36	
						37	
						38	
						39	

Logged by: Peter Grivers Date: 09/02/05

Drilling Contractor: New England Geotech Driller: Hayes

Appendix G

Certificate of Analysis

ESS Laboratory

Division of Thielsch Engineering, Inc.

PROJECT NARRATIVE
Page One of Two

Peter Grivers
EA Engineering, Science, and Technology
2350 Post Road
Warwick, RI 02886

RE: Gorham
ESS Laboratory Work Order Number: 0509034

Sample Receipt
8 Soil samples, 2 Ground Water samples, and 2 Trip Blanks were received on September 02, 2005 for the analyses specified on the enclosed Chain of Custody Record. Low Level Trip Blank was not needed.

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration may be used instead of automated integration because it produces more accurate results.

ESS Laboratory certifies that the test results meet the requirements of NELAC, except where noted within this project narrative.

Volatile Organics Analysis
Soil (Methanol)
Blank Spike was outside of the recommended range for 1,4-Dioxane - Screen. This analyte exceeds the upper control limit, however, samples were non detect for this analyte.
Blank Spike was outside of the recommended range for Dichlorodifluoromethane. This analyte was below the lower control limit.
The Relative Percent Difference for the Blank Spike/Blank Spike Duplicate was outside of the recommended range for 1,4-Dioxane – Screen and 4-Methyl-2-Pentanone.
Aqueous
Blank Spike was outside of the recommended range for Acetone, 1,4-Dioxane - Screen, and 4-Methyl-2-Pentanone. These analytes exceed the upper control limit, however, samples were non detect for these analytes.
The Relative Percent Difference for the Matrix Spike/Matrix Spike Duplicate was outside of the recommended range for Acetone, 1,4-Dioxane - Screen, 4-Methyl-2-Pentanone, Di-isopropyl ether, and Vinyl Acetate.

Continued

ESS Laboratory

Division of Thielsch Engineering, Inc.

PROJECT NARRATIVE
Page Two of Two

RE: Gorham
ESS Laboratory Work Order Number: 0509034

Metals Analysis
ESS Laboratory utilized the established linear dynamic range to determine acceptable analytical results.
The batch Matrix Spike was outside of the recommended range for Antimony. This analyte was below the lower control limit.

Semivolatile Organics Analysis
Soil
The Relative Percent Difference for the Matrix Spike/Matrix Spike Duplicate was outside of the recommended range for Benzo(k)fluoranthene.

No other observations noted.

This signed Certificate of Analysis is our approved release of your analytical results. Beginning with this Project Narrative, the entire report has been paginated. The Chain of Custody is the final report page. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been mailed. If you have any questions or concerns, please feel free to call our Customer Service Department.

End of Project Narrative.

Laurel Stoddard/Kelly DeSousa
Laboratory Director/QA Manager

9/15/05
Date

mdp

185 Frances Avenue, Cranston, RI 02910-2211 Tel.: 401-461-7181 Fax: 401-461-4486 http://www.ESSLaboratory.com
Dependability • Quality • Service

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 1
Date Sampled: 09/02/05 10:02
Percent Solids: 95

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-01
Sample Matrix: Soil

3050B/6000/7000 Total Metals

Analyte	Results	Units	MRL	Method	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.0	6010B	1	JP	09/03/05	1.75	100
Arsenic	**3.6**	mg/kg dry	1.5	7060A	5	JP	09/06/05	1.75	100
Beryllium	**0.20**	mg/kg dry	0.06	6010B	1	JP	09/03/05	1.75	100
Cadmium	ND	mg/kg dry	0.60	6010B	1	JP	09/03/05	1.75	100
Chromium	**5.1**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.75	100
Copper	**35.5**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.75	100
Lead	**15.8**	mg/kg dry	6.0	6010B	1	JP	09/03/05	1.75	100
Mercury	ND	mg/kg dry	0.032	7471A	1	EEM	09/06/05	0.66	40
Nickel	**6.7**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.75	100
Selenium	ND	mg/kg dry	6.0	6010B	1	JP	09/03/05	1.75	100
Silver	**0.62**	mg/kg dry	0.60	6010B	1	JP	09/03/05	1.75	100
Thallium	ND	mg/kg dry	1.5	7841	5	JP	09/06/05	1.75	100
Zinc	**28.2**	mg/kg dry	3.0	6010B	1	JP	09/03/05	1.75	100

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 1
Date Sampled: 09/02/05 10:02
Percent Solids: 95
Initial Volume: 23.9
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-01
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	ug/Kg dry	35.7	17.2000	1	09/07/05
1,1,1-Trichloroethane	ND	ug/Kg dry	35.7	7.2000	1	09/07/05
1,1,2,2-Tetrachloroethane	ND	ug/Kg dry	35.7	12.8000	1	09/07/05
1,1,2-Trichloroethane	ND	ug/Kg dry	35.7	18.6000	1	09/07/05
1,1-Dichloroethane	ND	ug/Kg dry	35.7	10.0000	1	09/07/05
1,1-Dichloroethene	ND	ug/Kg dry	35.7	10.0000	1	09/07/05
1,1-Dichloropropene	ND	ug/Kg dry	35.7	25.6000	1	09/07/05
1,2,3-Trichlorobenzene	ND	ug/Kg dry	35.7	20.0000	1	09/07/05
1,2,3-Trichloropropane	ND	ug/Kg dry	35.7	11.4000	1	09/07/05
1,2,4-Trichlorobenzene	ND	ug/Kg dry	35.7	11.4000	1	09/07/05
1,2,4-Trimethylbenzene	**64.2**	ug/Kg dry	35.7	8.6000	1	09/07/05
1,2-Dibromo-3-Chloropropane	ND	ug/Kg dry	178	75.6000	1	09/07/05
1,2-Dibromoethane	ND	ug/Kg dry	35.7	11.4000	1	09/07/05
1,2-Dichlorobenzene	ND	ug/Kg dry	35.7	11.4000	1	09/07/05
1,2-Dichloroethane	ND	ug/Kg dry	35.7	15.6000	1	09/07/05
1,2-Dichloropropane	ND	ug/Kg dry	35.7	10.0000	1	09/07/05
1,3,5-Trimethylbenzene	**232**	ug/Kg dry	35.7	7.2000	1	09/07/05
1,3-Dichlorobenzene	ND	ug/Kg dry	35.7	8.6000	1	09/07/05
1,3-Dichloropropane	ND	ug/Kg dry	35.7	25.6000	1	09/07/05
1,4-Dichlorobenzene	ND	ug/Kg dry	35.7	7.2000	1	09/07/05
1,4-Dioxane - Screen	ND	ug/Kg dry	3570	2860.0000	1	09/07/05
1-Chlorohexane	ND	ug/Kg dry	35.7	12.8000	1	09/07/05
2,2-Dichloropropane	ND	ug/Kg dry	71.3	50.0000	1	09/07/05
2-Butanone	ND	ug/Kg dry	892	161.2000	1	09/07/05
2-Chlorotoluene	ND	ug/Kg dry	35.7	14.2000	1	09/07/05
2-Hexanone	ND	ug/Kg dry	357	112.6000	1	09/07/05
4-Chlorotoluene	ND	ug/Kg dry	35.7	8.6000	1	09/07/05
4-Isopropyltoluene	**195**	ug/Kg dry	35.7	7.2000	1	09/07/05
4-Methyl-2-Pentanone	ND	ug/Kg dry	357	52.8000	1	09/07/05
Acetone	ND	ug/Kg dry	892	806.0000	1	09/07/05
Benzene	ND	ug/Kg dry	35.7	5.8000	1	09/07/05
Bromobenzene	ND	ug/Kg dry	35.7	14.2000	1	09/07/05
Bromochloromethane	ND	ug/Kg dry	35.7	18.6000	1	09/07/05
Bromodichloromethane	ND	ug/Kg dry	35.7	14.2000	1	09/07/05
Bromoform	ND	ug/Kg dry	35.7	17.2000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 1
Date Sampled: 09/02/05 10:02
Percent Solids: 95
Initial Volume: 23.9
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-01
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Bromomethane	ND	ug/Kg dry	71.3	54.2000	1	09/07/05
Carbon Disulfide	ND	ug/Kg dry	35.7	24.2000	1	09/07/05
Carbon Tetrachloride	ND	ug/Kg dry	35.7	11.4000	1	09/07/05
Chlorobenzene	ND	ug/Kg dry	35.7	5.8000	1	09/07/05
Chloroethane	ND	ug/Kg dry	71.3	37.0000	1	09/07/05
Chloroform	ND	ug/Kg dry	35.7	22.8000	1	09/07/05
Chloromethane	ND	ug/Kg dry	35.7	28.6000	1	09/07/05
cis-1,2-Dichloroethene	ND	ug/Kg dry	35.7	8.6000	1	09/07/05
cis-1,3-Dichloropropene	ND	ug/Kg dry	35.7	8.6000	1	09/07/05
Dibromochloromethane	ND	ug/Kg dry	35.7	5.8000	1	09/07/05
Dibromomethane	ND	ug/Kg dry	35.7	14.2000	1	09/07/05
Dichlorodifluoromethane	ND	ug/Kg dry	35.7	25.6000	1	09/07/05
Diethyl Ether	ND	ug/Kg dry	35.7	28.6000	1	09/07/05
Di-isopropyl ether	ND	ug/Kg dry	35.7	27.2000	1	09/07/05
Ethyl tertiary-butyl ether	ND	ug/Kg dry	35.7	8.6000	1	09/07/05
Ethylbenzene	ND	ug/Kg dry	35.7	5.8000	1	09/07/05
Hexachlorobutadiene	ND	ug/Kg dry	35.7	51.4000	1	09/07/05
Isopropylbenzene	ND	ug/Kg dry	35.7	4.2000	1	09/07/05
Methyl tert-Butyl Ether	ND	ug/Kg dry	35.7	10.0000	1	09/07/05
Methylene Chloride	ND	ug/Kg dry	178	22.8000	1	09/07/05
Naphthalene	ND	ug/Kg dry	35.7	10.0000	1	09/07/05
n-Butylbenzene	ND	ug/Kg dry	35.7	8.6000	1	09/07/05
n-Propylbenzene	ND	ug/Kg dry	35.7	10.0000	1	09/07/05
sec-Butylbenzene	ND	ug/Kg dry	35.7	7.2000	1	09/07/05
Styrene	ND	ug/Kg dry	35.7	10.0000	1	09/07/05
tert-Butylbenzene	ND	ug/Kg dry	35.7	8.6000	1	09/07/05
Tertiary-amyl methyl ether	ND	ug/Kg dry	35.7	11.4000	1	09/07/05
Tetrachloroethene	**35.7**	ug/Kg dry	35.7	11.4000	1	09/07/05
Tetrahydrofuran	ND	ug/Kg dry	178	178.4000	1	09/07/05
Toluene	ND	ug/Kg dry	35.7	7.2000	1	09/07/05
trans-1,2-Dichloroethene	ND	ug/Kg dry	35.7	25.6000	1	09/07/05
trans-1,3-Dichloropropene	ND	ug/Kg dry	35.7	8.6000	1	09/07/05
Trichloroethene	**847**	ug/Kg dry	35.7	11.4000	1	09/07/05
Trichlorofluoromethane	ND	ug/Kg dry	35.7	22.8000	1	09/07/05
Vinyl Acetate	ND	ug/Kg dry	178	25.6000	1	09/07/05
Vinyl Chloride	ND	ug/Kg dry	35.7	27.2000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 1
Date Sampled: 09/02/05 10:02
Percent Solids: 95
Initial Volume: 23.9
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-01
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Xylene O	J	**10.0**	ug/Kg dry	35.7	10.0000	1	09/07/05
Xylene P,M		ND	ug/Kg dry	71.3	14.2000	1	09/07/05
Xylenes (Total)		ND	ug/Kg	107			09/07/05

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*92 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*98 %*		*70-130*
Surrogate: Dibromofluoromethane	*98 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 1
Date Sampled: 09/02/05 10:02
Percent Solids: 95
Initial Volume: 30
Final Volume: 1
Extraction Method: 3550B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-01
Sample Matrix: Soil
Analyst: JLS
Prepared: 09/06/05

8100M Total Petroleum Hydrocarbons

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
Total Petroleum Hydrocarbons	**4000**	mg/kg dry	263	42.2000	10	09/07/05

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*97 %*		*40-140*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 1
Date Sampled: 09/02/05 10:02
Percent Solids: 95
Initial Volume: 31
Final Volume: 1
Extraction Method: 3541

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-01
Sample Matrix: Soil
Analyst: VSC
Prepared: 09/06/05

8270C Polynuclear Aromatic Hydrocarbons

Analyte		Results	Units	MRL	2xMDL	DF	Analyzed
2-Methylnaphthalene		**848**	ug/Kg dry	678	67.2000	2	09/07/05
Acenaphthene		**991**	ug/Kg dry	678	99.8000	2	09/07/05
Acenaphthylene		ND	ug/Kg dry	678	65.6000	2	09/07/05
Anthracene		**768**	ug/Kg dry	678	77.0000	2	09/07/05
Benzo(a)anthracene	J	**213**	ug/Kg dry	678	69.6000	2	09/07/05
Benzo(a)pyrene	J	**107**	ug/Kg dry	340	72.2000	2	09/07/05
Benzo(b)fluoranthene	J	**281**	ug/Kg dry	678	125.6000	2	09/07/05
Benzo(g,h,i)perylene	J	**82.2**	ug/Kg dry	678	79.4000	2	09/07/05
Benzo(k)fluoranthene		ND	ug/Kg dry	678	118.6000	2	09/07/05
Chrysene	J	**273**	ug/Kg dry	340	85.2000	2	09/07/05
Dibenzo(a,h)Anthracene		ND	ug/Kg dry	340	83.6000	2	09/07/05
Fluoranthene	J	**636**	ug/Kg dry	678	81.4000	2	09/07/05
Fluorene		**1020**	ug/Kg dry	678	64.8000	2	09/07/05
Indeno(1,2,3-cd)Pyrene		ND	ug/Kg dry	678	97.8000	2	09/07/05
Naphthalene		ND	ug/Kg dry	678	68.0000	2	09/07/05
Phenanthrene		**2190**	ug/Kg dry	678	93.4000	2	09/07/05
Pyrene		**1850**	ug/Kg dry	678	63.2000	2	09/07/05

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4			*30-130*
Surrogate: 2-Fluorobiphenyl			*30-130*
Surrogate: Nitrobenzene-d5			*30-130*
Surrogate: p-Terphenyl-d14			*30-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 2
Date Sampled: 09/02/05 10:30
Percent Solids: 96

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-02
Sample Matrix: Soil

3050B/6000/7000 Total Metals

Analyte	Results	Units	MRL	Method	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	5.7	6010B	1	JP	09/03/05	1.82	100
Arsenic	**1.4**	mg/kg dry	1.4	7060A	5	JP	09/06/05	1.82	100
Beryllium	**0.19**	mg/kg dry	0.06	6010B	1	JP	09/03/05	1.82	100
Cadmium	ND	mg/kg dry	0.57	6010B	1	JP	09/03/05	1.82	100
Chromium	**10.9**	mg/kg dry	1.1	6010B	1	JP	09/03/05	1.82	100
Copper	**15.6**	mg/kg dry	1.1	6010B	1	JP	09/03/05	1.82	100
Lead	**6.8**	mg/kg dry	5.7	6010B	1	JP	09/03/05	1.82	100
Mercury	ND	mg/kg dry	0.033	7471A	1	EEM	09/06/05	0.64	40
Nickel	**4.2**	mg/kg dry	1.1	6010B	1	JP	09/03/05	1.82	100
Selenium	ND	mg/kg dry	5.7	6010B	1	JP	09/03/05	1.82	100
Silver	ND	mg/kg dry	0.57	6010B	1	JP	09/03/05	1.82	100
Thallium	ND	mg/kg dry	1.4	7841	5	JP	09/06/05	1.82	100
Zinc	**20.9**	mg/kg dry	2.9	6010B	1	JP	09/03/05	1.82	100

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 2
Date Sampled: 09/02/05 10:30
Percent Solids: 96
Initial Volume: 23.7
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-02
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	ug/Kg dry	35.0	16.8000	1	09/07/05
1,1,1-Trichloroethane	ND	ug/Kg dry	35.0	7.0000	1	09/07/05
1,1,2,2-Tetrachloroethane	ND	ug/Kg dry	35.0	12.6000	1	09/07/05
1,1,2-Trichloroethane	ND	ug/Kg dry	35.0	18.2000	1	09/07/05
1,1-Dichloroethane	ND	ug/Kg dry	35.0	9.8000	1	09/07/05
1,1-Dichloroethene	ND	ug/Kg dry	35.0	9.8000	1	09/07/05
1,1-Dichloropropene	ND	ug/Kg dry	35.0	25.2000	1	09/07/05
1,2,3-Trichlorobenzene	ND	ug/Kg dry	35.0	19.6000	1	09/07/05
1,2,3-Trichloropropane	ND	ug/Kg dry	35.0	11.2000	1	09/07/05
1,2,4-Trichlorobenzene	ND	ug/Kg dry	35.0	11.2000	1	09/07/05
1,2,4-Trimethylbenzene	ND	ug/Kg dry	35.0	8.4000	1	09/07/05
1,2-Dibromo-3-Chloropropane	ND	ug/Kg dry	175	74.4000	1	09/07/05
1,2-Dibromoethane	ND	ug/Kg dry	35.0	11.2000	1	09/07/05
1,2-Dichlorobenzene	ND	ug/Kg dry	35.0	11.2000	1	09/07/05
1,2-Dichloroethane	ND	ug/Kg dry	35.0	15.4000	1	09/07/05
1,2-Dichloropropane	ND	ug/Kg dry	35.0	9.8000	1	09/07/05
1,3,5-Trimethylbenzene	ND	ug/Kg dry	35.0	7.0000	1	09/07/05
1,3-Dichlorobenzene	ND	ug/Kg dry	35.0	8.4000	1	09/07/05
1,3-Dichloropropane	ND	ug/Kg dry	35.0	25.2000	1	09/07/05
1,4-Dichlorobenzene	ND	ug/Kg dry	35.0	7.0000	1	09/07/05
1,4-Dioxane - Screen	ND	ug/Kg dry	3500	2800.0000	1	09/07/05
1-Chlorohexane	ND	ug/Kg dry	35.0	12.6000	1	09/07/05
2,2-Dichloropropane	ND	ug/Kg dry	70.1	49.0000	1	09/07/05
2-Butanone	ND	ug/Kg dry	876	158.4000	1	09/07/05
2-Chlorotoluene	ND	ug/Kg dry	35.0	14.0000	1	09/07/05
2-Hexanone	ND	ug/Kg dry	350	110.8000	1	09/07/05
4-Chlorotoluene	ND	ug/Kg dry	35.0	8.4000	1	09/07/05
4-Isopropyltoluene	ND	ug/Kg dry	35.0	7.0000	1	09/07/05
4-Methyl-2-Pentanone	ND	ug/Kg dry	350	51.8000	1	09/07/05
Acetone	ND	ug/Kg dry	876	792.0000	1	09/07/05
Benzene	ND	ug/Kg dry	35.0	5.6000	1	09/07/05
Bromobenzene	ND	ug/Kg dry	35.0	14.0000	1	09/07/05
Bromochloromethane	ND	ug/Kg dry	35.0	18.2000	1	09/07/05
Bromodichloromethane	ND	ug/Kg dry	35.0	14.0000	1	09/07/05
Bromoform	ND	ug/Kg dry	35.0	16.8000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 2
Date Sampled: 09/02/05 10:30
Percent Solids: 96
Initial Volume: 23.7
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-02
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Bromomethane	ND	ug/Kg dry	70.1	53.2000	1	09/07/05
Carbon Disulfide	ND	ug/Kg dry	35.0	23.8000	1	09/07/05
Carbon Tetrachloride	ND	ug/Kg dry	35.0	11.2000	1	09/07/05
Chlorobenzene	ND	ug/Kg dry	35.0	5.6000	1	09/07/05
Chloroethane	ND	ug/Kg dry	70.1	36.4000	1	09/07/05
Chloroform	ND	ug/Kg dry	35.0	22.4000	1	09/07/05
Chloromethane	ND	ug/Kg dry	35.0	28.0000	1	09/07/05
cis-1,2-Dichloroethene	ND	ug/Kg dry	35.0	8.4000	1	09/07/05
cis-1,3-Dichloropropene	ND	ug/Kg dry	35.0	8.4000	1	09/07/05
Dibromochloromethane	ND	ug/Kg dry	35.0	5.6000	1	09/07/05
Dibromomethane	ND	ug/Kg dry	35.0	14.0000	1	09/07/05
Dichlorodifluoromethane	ND	ug/Kg dry	35.0	25.2000	1	09/07/05
Diethyl Ether	ND	ug/Kg dry	35.0	28.0000	1	09/07/05
Di-isopropyl ether	ND	ug/Kg dry	35.0	26.6000	1	09/07/05
Ethyl tertiary-butyl ether	ND	ug/Kg dry	35.0	8.4000	1	09/07/05
Ethylbenzene	ND	ug/Kg dry	35.0	5.6000	1	09/07/05
Hexachlorobutadiene	ND	ug/Kg dry	35.0	50.4000	1	09/07/05
Isopropylbenzene	ND	ug/Kg dry	35.0	4.2000	1	09/07/05
Methyl tert-Butyl Ether	ND	ug/Kg dry	35.0	9.8000	1	09/07/05
Methylene Chloride	ND	ug/Kg dry	175	22.4000	1	09/07/05
Naphthalene	ND	ug/Kg dry	35.0	9.8000	1	09/07/05
n-Butylbenzene	ND	ug/Kg dry	35.0	8.4000	1	09/07/05
n-Propylbenzene	ND	ug/Kg dry	35.0	9.8000	1	09/07/05
sec-Butylbenzene	ND	ug/Kg dry	35.0	7.0000	1	09/07/05
Styrene	ND	ug/Kg dry	35.0	9.8000	1	09/07/05
tert-Butylbenzene	ND	ug/Kg dry	35.0	8.4000	1	09/07/05
Tertiary-amyl methyl ether	ND	ug/Kg dry	35.0	11.2000	1	09/07/05
Tetrachloroethene	ND	ug/Kg dry	35.0	11.2000	1	09/07/05
Tetrahydrofuran	ND	ug/Kg dry	175	175.2000	1	09/07/05
Toluene	ND	ug/Kg dry	35.0	7.0000	1	09/07/05
trans-1,2-Dichloroethene	ND	ug/Kg dry	35.0	25.2000	1	09/07/05
trans-1,3-Dichloropropene	ND	ug/Kg dry	35.0	8.4000	1	09/07/05
Trichloroethene	ND	ug/Kg dry	35.0	11.2000	1	09/07/05
Trichlorofluoromethane	ND	ug/Kg dry	35.0	22.4000	1	09/07/05
Vinyl Acetate	ND	ug/Kg dry	175	25.2000	1	09/07/05
Vinyl Chloride	ND	ug/Kg dry	35.0	26.6000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 2
Date Sampled: 09/02/05 10:30
Percent Solids: 96
Initial Volume: 23.7
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-02
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Xylene O	ND	ug/Kg dry	35.0	9.8000	1	09/07/05
Xylene P,M	ND	ug/Kg dry	70.1	14.0000	1	09/07/05
Xylenes (Total)	ND	ug/Kg	105			09/07/05

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*103 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*101 %*		*70-130*
Surrogate: Dibromofluoromethane	*105 %*		*70-130*
Surrogate: Toluene-d8	*104 %*		*70-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 2
Date Sampled: 09/02/05 10:30
Percent Solids: 96
Initial Volume: 30.3
Final Volume: 1
Extraction Method: 3550B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-02
Sample Matrix: Soil
Analyst: JLS
Prepared: 09/06/05

8100M Total Petroleum Hydrocarbons

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
Total Petroleum Hydrocarbons	**40.7**	mg/kg dry	25.8	4.1200	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*80 %*		*40-140*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 2
Date Sampled: 09/02/05 10:30
Percent Solids: 96
Initial Volume: 31
Final Volume: 1
Extraction Method: 3550B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-02
Sample Matrix: Soil
Analyst: VSC
Prepared: 09/07/05

8270C Polynuclear Aromatic Hydrocarbons

Analyte		Results	Units	MRL	2xMDL	DF	Analyzed
2-Methylnaphthalene		ND	ug/Kg dry	336	33.2000	1	09/07/05
Acenaphthene		ND	ug/Kg dry	336	49.4000	1	09/07/05
Acenaphthylene	J	**201**	ug/Kg dry	336	32.4000	1	09/07/05
Anthracene	J	**286**	ug/Kg dry	336	38.2000	1	09/07/05
Benzo(a)anthracene		**721**	ug/Kg dry	336	34.4000	1	09/07/05
Benzo(a)pyrene		**764**	ug/Kg dry	168	35.6000	1	09/07/05
Benzo(b)fluoranthene		**756**	ug/Kg dry	336	62.0000	1	09/07/05
Benzo(g,h,i)perylene		**774**	ug/Kg dry	336	39.4000	1	09/07/05
Benzo(k)fluoranthene		**461**	ug/Kg dry	336	58.6000	1	09/07/05
Chrysene		**673**	ug/Kg dry	168	42.2000	1	09/07/05
Dibenzo(a,h)Anthracene		ND	ug/Kg dry	168	41.4000	1	09/07/05
Fluoranthene		**1990**	ug/Kg dry	336	40.4000	1	09/07/05
Fluorene	J	**72.6**	ug/Kg dry	336	32.0000	1	09/07/05
Indeno(1,2,3-cd)Pyrene		**630**	ug/Kg dry	336	48.4000	1	09/07/05
Naphthalene		ND	ug/Kg dry	336	33.6000	1	09/07/05
Phenanthrene		**1760**	ug/Kg dry	336	46.2000	1	09/07/05
Pyrene		**1810**	ug/Kg dry	336	31.2000	1	09/07/05

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4	*91 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*102 %*		*30-130*
Surrogate: Nitrobenzene-d5	*88 %*		*30-130*
Surrogate: p-Terphenyl-d14	*101 %*		*30-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 3
Date Sampled: 09/02/05 11:15
Percent Solids: 94

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-03
Sample Matrix: Soil

3050B/6000/7000 Total Metals

Analyte	Results	Units	MRL	Method	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	5.9	6010B	1	JP	09/03/05	1.81	100
Arsenic	ND	mg/kg dry	1.5	7060A	5	JP	09/06/05	1.81	100
Beryllium	**1.14**	mg/kg dry	0.06	6010B	1	JP	09/03/05	1.81	100
Cadmium	ND	mg/kg dry	0.59	6010B	1	JP	09/03/05	1.81	100
Chromium	**3.6**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.81	100
Copper	**18.4**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.81	100
Lead	**41.5**	mg/kg dry	5.9	6010B	1	JP	09/03/05	1.81	100
Mercury	ND	mg/kg dry	0.032	7471A	1	EEM	09/06/05	0.67	40
Nickel	**2.9**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.81	100
Selenium	ND	mg/kg dry	5.9	6010B	1	JP	09/03/05	1.81	100
Silver	ND	mg/kg dry	0.59	6010B	1	JP	09/03/05	1.81	100
Thallium	ND	mg/kg dry	1.5	7841	5	JP	09/06/05	1.81	100
Zinc	**39.5**	mg/kg dry	2.9	6010B	1	JP	09/03/05	1.81	100

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 3
Date Sampled: 09/02/05 11:15
Percent Solids: 94
Initial Volume: 20
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-03
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	ug/Kg dry	43.1	20.6000	1	09/07/05
1,1,1-Trichloroethane	ND	ug/Kg dry	43.1	8.6000	1	09/07/05
1,1,2,2-Tetrachloroethane	ND	ug/Kg dry	43.1	15.6000	1	09/07/05
1,1,2-Trichloroethane	ND	ug/Kg dry	43.1	22.4000	1	09/07/05
1,1-Dichloroethane	ND	ug/Kg dry	43.1	12.0000	1	09/07/05
1,1-Dichloroethene	ND	ug/Kg dry	43.1	12.0000	1	09/07/05
1,1-Dichloropropene	ND	ug/Kg dry	43.1	31.0000	1	09/07/05
1,2,3-Trichlorobenzene	ND	ug/Kg dry	43.1	24.2000	1	09/07/05
1,2,3-Trichloropropane	ND	ug/Kg dry	43.1	13.8000	1	09/07/05
1,2,4-Trichlorobenzene	ND	ug/Kg dry	43.1	13.8000	1	09/07/05
1,2,4-Trimethylbenzene	ND	ug/Kg dry	43.1	10.4000	1	09/07/05
1,2-Dibromo-3-Chloropropane	ND	ug/Kg dry	215	91.4000	1	09/07/05
1,2-Dibromoethane	ND	ug/Kg dry	43.1	13.8000	1	09/07/05
1,2-Dichlorobenzene	ND	ug/Kg dry	43.1	13.8000	1	09/07/05
1,2-Dichloroethane	ND	ug/Kg dry	43.1	19.0000	1	09/07/05
1,2-Dichloropropane	ND	ug/Kg dry	43.1	12.0000	1	09/07/05
1,3,5-Trimethylbenzene	ND	ug/Kg dry	43.1	8.6000	1	09/07/05
1,3-Dichlorobenzene	ND	ug/Kg dry	43.1	10.4000	1	09/07/05
1,3-Dichloropropane	ND	ug/Kg dry	43.1	31.0000	1	09/07/05
1,4-Dichlorobenzene	ND	ug/Kg dry	43.1	8.6000	1	09/07/05
1,4-Dioxane - Screen	ND	ug/Kg dry	4310	3440.0000	1	09/07/05
1-Chlorohexane	ND	ug/Kg dry	43.1	15.6000	1	09/07/05
2,2-Dichloropropane	ND	ug/Kg dry	86.2	60.4000	1	09/07/05
2-Butanone	ND	ug/Kg dry	1080	194.8000	1	09/07/05
2-Chlorotoluene	ND	ug/Kg dry	43.1	17.2000	1	09/07/05
2-Hexanone	ND	ug/Kg dry	431	136.2000	1	09/07/05
4-Chlorotoluene	ND	ug/Kg dry	43.1	10.4000	1	09/07/05
4-Isopropyltoluene	ND	ug/Kg dry	43.1	8.6000	1	09/07/05
4-Methyl-2-Pentanone	ND	ug/Kg dry	431	63.8000	1	09/07/05
Acetone	ND	ug/Kg dry	1080	974.0000	1	09/07/05
Benzene	ND	ug/Kg dry	43.1	6.8000	1	09/07/05
Bromobenzene	ND	ug/Kg dry	43.1	17.2000	1	09/07/05
Bromochloromethane	ND	ug/Kg dry	43.1	22.4000	1	09/07/05
Bromodichloromethane	ND	ug/Kg dry	43.1	17.2000	1	09/07/05
Bromoform	ND	ug/Kg dry	43.1	20.6000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 3
Date Sampled: 09/02/05 11:15
Percent Solids: 94
Initial Volume: 20
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-03
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Bromomethane		ND	ug/Kg dry	86.2	65.4000	1	09/07/05
Carbon Disulfide		ND	ug/Kg dry	43.1	29.2000	1	09/07/05
Carbon Tetrachloride		ND	ug/Kg dry	43.1	13.8000	1	09/07/05
Chlorobenzene		ND	ug/Kg dry	43.1	6.8000	1	09/07/05
Chloroethane		ND	ug/Kg dry	86.2	44.8000	1	09/07/05
Chloroform		ND	ug/Kg dry	43.1	27.6000	1	09/07/05
Chloromethane		ND	ug/Kg dry	43.1	34.4000	1	09/07/05
cis-1,2-Dichloroethene		ND	ug/Kg dry	43.1	10.4000	1	09/07/05
cis-1,3-Dichloropropene		ND	ug/Kg dry	43.1	10.4000	1	09/07/05
Dibromochloromethane		ND	ug/Kg dry	43.1	6.8000	1	09/07/05
Dibromomethane		ND	ug/Kg dry	43.1	17.2000	1	09/07/05
Dichlorodifluoromethane		ND	ug/Kg dry	43.1	31.0000	1	09/07/05
Diethyl Ether		ND	ug/Kg dry	43.1	34.4000	1	09/07/05
Di-isopropyl ether		ND	ug/Kg dry	43.1	32.8000	1	09/07/05
Ethyl tertiary-butyl ether		ND	ug/Kg dry	43.1	10.4000	1	09/07/05
Ethylbenzene		ND	ug/Kg dry	43.1	6.8000	1	09/07/05
Hexachlorobutadiene		ND	ug/Kg dry	43.1	62.0000	1	09/07/05
Isopropylbenzene		ND	ug/Kg dry	43.1	5.2000	1	09/07/05
Methyl tert-Butyl Ether		ND	ug/Kg dry	43.1	12.0000	1	09/07/05
Methylene Chloride		ND	ug/Kg dry	215	27.6000	1	09/07/05
Naphthalene	J	**15.5**	ug/Kg dry	43.1	12.0000	1	09/07/05
n-Butylbenzene		ND	ug/Kg dry	43.1	10.4000	1	09/07/05
n-Propylbenzene		ND	ug/Kg dry	43.1	12.0000	1	09/07/05
sec-Butylbenzene		ND	ug/Kg dry	43.1	8.6000	1	09/07/05
Styrene		ND	ug/Kg dry	43.1	12.0000	1	09/07/05
tert-Butylbenzene		ND	ug/Kg dry	43.1	10.4000	1	09/07/05
Tertiary-amyl methyl ether		ND	ug/Kg dry	43.1	13.8000	1	09/07/05
Tetrachloroethene		ND	ug/Kg dry	43.1	13.8000	1	09/07/05
Tetrahydrofuran		ND	ug/Kg dry	215	216.0000	1	09/07/05
Toluene		ND	ug/Kg dry	43.1	8.6000	1	09/07/05
trans-1,2-Dichloroethene		ND	ug/Kg dry	43.1	31.0000	1	09/07/05
trans-1,3-Dichloropropene		ND	ug/Kg dry	43.1	10.4000	1	09/07/05
Trichloroethene		**324**	ug/Kg dry	43.1	13.8000	1	09/07/05
Trichlorofluoromethane		ND	ug/Kg dry	43.1	27.6000	1	09/07/05
Vinyl Acetate		ND	ug/Kg dry	215	31.0000	1	09/07/05
Vinyl Chloride		ND	ug/Kg dry	43.1	32.8000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 3
Date Sampled: 09/02/05 11:15
Percent Solids: 94
Initial Volume: 20
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-03
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Xylene O	ND	ug/Kg dry	43.1	12.0000	1	09/07/05
Xylene P,M	ND	ug/Kg dry	86.2	17.2000	1	09/07/05
Xylenes (Total)	ND	ug/Kg	129			09/07/05

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*90 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*90 %*		*70-130*
Surrogate: Dibromofluoromethane	*94 %*		*70-130*
Surrogate: Toluene-d8	*93 %*		*70-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 3
Date Sampled: 09/02/05 11:15
Percent Solids: 94
Initial Volume: 29.5
Final Volume: 1
Extraction Method: 3550B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-03
Sample Matrix: Soil
Analyst: JLS
Prepared: 09/06/05

8100M Total Petroleum Hydrocarbons

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
Total Petroleum Hydrocarbons	**44.0**	mg/kg dry	27.0	4.3200	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*80 %*		*40-140*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 3
Date Sampled: 09/02/05 11:15
Percent Solids: 94
Initial Volume: 30.3
Final Volume: 1
Extraction Method: 3541

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-03
Sample Matrix: Soil
Analyst: VSC
Prepared: 09/06/05

8270C Polynuclear Aromatic Hydrocarbons

Analyte		Results	Units	MRL	2xMDL	DF	Analyzed
2-Methylnaphthalene		ND	ug/Kg dry	351	34.8000	1	09/06/05
Acenaphthene	J	**61.8**	ug/Kg dry	351	51.6000	1	09/06/05
Acenaphthylene	J	**336**	ug/Kg dry	351	34.0000	1	09/06/05
Anthracene		**521**	ug/Kg dry	351	39.8000	1	09/06/05
Benzo(a)anthracene		**1720**	ug/Kg dry	351	36.0000	1	09/06/05
Benzo(a)pyrene		**1700**	ug/Kg dry	176	37.2000	1	09/06/05
Benzo(b)fluoranthene		**1630**	ug/Kg dry	351	64.8000	1	09/06/05
Benzo(g,h,i)perylene		**722**	ug/Kg dry	351	41.0000	1	09/06/05
Benzo(k)fluoranthene		**1360**	ug/Kg dry	351	61.4000	1	09/06/05
Chrysene		**1720**	ug/Kg dry	176	44.0000	1	09/06/05
Dibenzo(a,h)Anthracene	J	**53.0**	ug/Kg dry	176	43.2000	1	09/06/05
Fluoranthene		**3620**	ug/Kg dry	351	42.2000	1	09/06/05
Fluorene	J	**133**	ug/Kg dry	351	33.4000	1	09/06/05
Indeno(1,2,3-cd)Pyrene		**749**	ug/Kg dry	351	50.6000	1	09/06/05
Naphthalene	J	**65.7**	ug/Kg dry	351	35.2000	1	09/06/05
Phenanthrene		**2170**	ug/Kg dry	351	48.2000	1	09/06/05
Pyrene		**2940**	ug/Kg dry	351	32.6000	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4			*30-130*
Surrogate: 2-Fluorobiphenyl			*30-130*
Surrogate: Nitrobenzene-d5			*30-130*
Surrogate: p-Terphenyl-d14			*30-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 4
Date Sampled: 09/02/05 12:08
Percent Solids: 94

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-04
Sample Matrix: Soil

3050B/6000/7000 Total Metals

Analyte	Results	Units	MRL	Method	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.0	6010B	1	JP	09/03/05	1.77	100
Arsenic	**2.3**	mg/kg dry	1.5	7060A	5	JP	09/06/05	1.77	100
Beryllium	**0.12**	mg/kg dry	0.06	6010B	1	JP	09/03/05	1.77	100
Cadmium	ND	mg/kg dry	0.60	6010B	1	JP	09/03/05	1.77	100
Chromium	**3.1**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.77	100
Copper	**6.1**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.77	100
Lead	ND	mg/kg dry	6.0	6010B	1	JP	09/03/05	1.77	100
Mercury	ND	mg/kg dry	0.031	7471A	1	EEM	09/06/05	0.68	40
Nickel	**6.3**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.77	100
Selenium	ND	mg/kg dry	6.0	6010B	1	JP	09/03/05	1.77	100
Silver	ND	mg/kg dry	0.60	6010B	1	JP	09/03/05	1.77	100
Thallium	ND	mg/kg dry	1.5	7841	5	JP	09/06/05	1.77	100
Zinc	**10.3**	mg/kg dry	3.0	6010B	1	JP	09/03/05	1.77	100

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 4
Date Sampled: 09/02/05 12:08
Percent Solids: 94
Initial Volume: 23.5
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-04
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	ug/Kg dry	37.1	17.8000	1	09/07/05
1,1,1-Trichloroethane	ND	ug/Kg dry	37.1	7.4000	1	09/07/05
1,1,2,2-Tetrachloroethane	ND	ug/Kg dry	37.1	13.4000	1	09/07/05
1,1,2-Trichloroethane	ND	ug/Kg dry	37.1	19.4000	1	09/07/05
1,1-Dichloroethane	ND	ug/Kg dry	37.1	10.4000	1	09/07/05
1,1-Dichloroethene	ND	ug/Kg dry	37.1	10.4000	1	09/07/05
1,1-Dichloropropene	ND	ug/Kg dry	37.1	26.8000	1	09/07/05
1,2,3-Trichlorobenzene	ND	ug/Kg dry	37.1	20.8000	1	09/07/05
1,2,3-Trichloropropane	ND	ug/Kg dry	37.1	11.8000	1	09/07/05
1,2,4-Trichlorobenzene	ND	ug/Kg dry	37.1	11.8000	1	09/07/05
1,2,4-Trimethylbenzene	ND	ug/Kg dry	37.1	9.0000	1	09/07/05
1,2-Dibromo-3-Chloropropane	ND	ug/Kg dry	186	78.8000	1	09/07/05
1,2-Dibromoethane	ND	ug/Kg dry	37.1	11.8000	1	09/07/05
1,2-Dichlorobenzene	ND	ug/Kg dry	37.1	11.8000	1	09/07/05
1,2-Dichloroethane	ND	ug/Kg dry	37.1	16.4000	1	09/07/05
1,2-Dichloropropane	ND	ug/Kg dry	37.1	10.4000	1	09/07/05
1,3,5-Trimethylbenzene	ND	ug/Kg dry	37.1	7.4000	1	09/07/05
1,3-Dichlorobenzene	ND	ug/Kg dry	37.1	9.0000	1	09/07/05
1,3-Dichloropropane	ND	ug/Kg dry	37.1	26.8000	1	09/07/05
1,4-Dichlorobenzene	ND	ug/Kg dry	37.1	7.4000	1	09/07/05
1,4-Dioxane - Screen	ND	ug/Kg dry	3710	2980.0000	1	09/07/05
1-Chlorohexane	ND	ug/Kg dry	37.1	13.4000	1	09/07/05
2,2-Dichloropropane	ND	ug/Kg dry	74.3	52.0000	1	09/07/05
2-Butanone	ND	ug/Kg dry	929	167.8000	1	09/07/05
2-Chlorotoluene	ND	ug/Kg dry	37.1	14.8000	1	09/07/05
2-Hexanone	ND	ug/Kg dry	371	117.4000	1	09/07/05
4-Chlorotoluene	ND	ug/Kg dry	37.1	9.0000	1	09/07/05
4-Isopropyltoluene	ND	ug/Kg dry	37.1	7.4000	1	09/07/05
4-Methyl-2-Pentanone	ND	ug/Kg dry	371	55.0000	1	09/07/05
Acetone	ND	ug/Kg dry	929	840.0000	1	09/07/05
Benzene	ND	ug/Kg dry	37.1	6.0000	1	09/07/05
Bromobenzene	ND	ug/Kg dry	37.1	14.8000	1	09/07/05
Bromochloromethane	ND	ug/Kg dry	37.1	19.4000	1	09/07/05
Bromodichloromethane	ND	ug/Kg dry	37.1	14.8000	1	09/07/05
Bromoform	ND	ug/Kg dry	37.1	17.8000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 4
Date Sampled: 09/02/05 12:08
Percent Solids: 94
Initial Volume: 23.5
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-04
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Bromomethane	ND	ug/Kg dry	74.3	56.4000	1	09/07/05
Carbon Disulfide	ND	ug/Kg dry	37.1	25.2000	1	09/07/05
Carbon Tetrachloride	ND	ug/Kg dry	37.1	11.8000	1	09/07/05
Chlorobenzene	ND	ug/Kg dry	37.1	6.0000	1	09/07/05
Chloroethane	ND	ug/Kg dry	74.3	38.6000	1	09/07/05
Chloroform	ND	ug/Kg dry	37.1	23.8000	1	09/07/05
Chloromethane	ND	ug/Kg dry	37.1	29.8000	1	09/07/05
cis-1,2-Dichloroethene	ND	ug/Kg dry	37.1	9.0000	1	09/07/05
cis-1,3-Dichloropropene	ND	ug/Kg dry	37.1	9.0000	1	09/07/05
Dibromochloromethane	ND	ug/Kg dry	37.1	6.0000	1	09/07/05
Dibromomethane	ND	ug/Kg dry	37.1	14.8000	1	09/07/05
Dichlorodifluoromethane	ND	ug/Kg dry	37.1	26.8000	1	09/07/05
Diethyl Ether	ND	ug/Kg dry	37.1	29.8000	1	09/07/05
Di-isopropyl ether	ND	ug/Kg dry	37.1	28.2000	1	09/07/05
Ethyl tertiary-butyl ether	ND	ug/Kg dry	37.1	9.0000	1	09/07/05
Ethylbenzene	ND	ug/Kg dry	37.1	6.0000	1	09/07/05
Hexachlorobutadiene	ND	ug/Kg dry	37.1	53.4000	1	09/07/05
Isopropylbenzene	ND	ug/Kg dry	37.1	4.4000	1	09/07/05
Methyl tert-Butyl Ether	ND	ug/Kg dry	37.1	10.4000	1	09/07/05
Methylene Chloride	ND	ug/Kg dry	186	23.8000	1	09/07/05
Naphthalene	ND	ug/Kg dry	37.1	10.4000	1	09/07/05
n-Butylbenzene	ND	ug/Kg dry	37.1	9.0000	1	09/07/05
n-Propylbenzene	ND	ug/Kg dry	37.1	10.4000	1	09/07/05
sec-Butylbenzene	ND	ug/Kg dry	37.1	7.4000	1	09/07/05
Styrene	ND	ug/Kg dry	37.1	10.4000	1	09/07/05
tert-Butylbenzene	ND	ug/Kg dry	37.1	9.0000	1	09/07/05
Tertiary-amyl methyl ether	ND	ug/Kg dry	37.1	11.8000	1	09/07/05
Tetrachloroethene	ND	ug/Kg dry	37.1	11.8000	1	09/07/05
Tetrahydrofuran	ND	ug/Kg dry	186	185.8000	1	09/07/05
Toluene	ND	ug/Kg dry	37.1	7.4000	1	09/07/05
trans-1,2-Dichloroethene	ND	ug/Kg dry	37.1	26.8000	1	09/07/05
trans-1,3-Dichloropropene	ND	ug/Kg dry	37.1	9.0000	1	09/07/05
Trichloroethene	ND	ug/Kg dry	37.1	11.8000	1	09/07/05
Trichlorofluoromethane	ND	ug/Kg dry	37.1	23.8000	1	09/07/05
Vinyl Acetate	ND	ug/Kg dry	186	26.8000	1	09/07/05
Vinyl Chloride	ND	ug/Kg dry	37.1	28.2000	1	09/07/05

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 4
Date Sampled: 09/02/05 12:08
Percent Solids: 94
Initial Volume: 23.5
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-04
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Xylene O	ND	ug/Kg dry	37.1	10.4000	1	09/07/05
Xylene P,M	ND	ug/Kg dry	74.3	14.8000	1	09/07/05
Xylenes (Total)	ND	ug/Kg	111			09/07/05

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*95 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*95 %*		*70-130*
Surrogate: Dibromofluoromethane	*98 %*		*70-130*
Surrogate: Toluene-d8	*98 %*		*70-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 4
Date Sampled: 09/02/05 12:08
Percent Solids: 94
Initial Volume: 31
Final Volume: 1
Extraction Method: 3550B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-04
Sample Matrix: Soil
Analyst: JLS
Prepared: 09/06/05

8100M Total Petroleum Hydrocarbons

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
Total Petroleum Hydrocarbons	ND	mg/kg dry	25.7	4.1200	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*69 %*		*40-140*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 4
Date Sampled: 09/02/05 12:08
Percent Solids: 94
Initial Volume: 31
Final Volume: 1
Extraction Method: 3541

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-04
Sample Matrix: Soil
Analyst: VSC
Prepared: 09/06/05

8270C Polynuclear Aromatic Hydrocarbons

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
2-Methylnaphthalene	ND	ug/Kg dry	343	34.0000	1	09/06/05
Acenaphthene	ND	ug/Kg dry	343	50.4000	1	09/06/05
Acenaphthylene	ND	ug/Kg dry	343	33.2000	1	09/06/05
Anthracene	ND	ug/Kg dry	343	39.0000	1	09/06/05
Benzo(a)anthracene	ND	ug/Kg dry	343	35.2000	1	09/06/05
Benzo(a)pyrene	ND	ug/Kg dry	172	36.4000	1	09/06/05
Benzo(b)fluoranthene	ND	ug/Kg dry	343	63.4000	1	09/06/05
Benzo(g,h,i)perylene	ND	ug/Kg dry	343	40.2000	1	09/06/05
Benzo(k)fluoranthene	ND	ug/Kg dry	343	60.0000	1	09/06/05
Chrysene	ND	ug/Kg dry	172	43.0000	1	09/06/05
Dibenzo(a,h)Anthracene	ND	ug/Kg dry	172	42.2000	1	09/06/05
Fluoranthene	ND	ug/Kg dry	343	41.2000	1	09/06/05
Fluorene	ND	ug/Kg dry	343	32.8000	1	09/06/05
Indeno(1,2,3-cd)Pyrene	ND	ug/Kg dry	343	49.4000	1	09/06/05
Naphthalene	ND	ug/Kg dry	343	34.4000	1	09/06/05
Phenanthrene	ND	ug/Kg dry	343	47.2000	1	09/06/05
Pyrene	ND	ug/Kg dry	343	32.0000	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4			*30-130*
Surrogate: 2-Fluorobiphenyl			*30-130*
Surrogate: Nitrobenzene-d5			*30-130*
Surrogate: p-Terphenyl-d14			*30-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 5
Date Sampled: 09/02/05 12:40
Percent Solids: 94

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-05
Sample Matrix: Soil

3050B/6000/7000 Total Metals

Analyte	Results	Units	MRL	Method	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.1	6010B	1	JP	09/03/05	1.75	100
Arsenic	**2.2**	mg/kg dry	1.5	7060A	5	JP	09/06/05	1.75	100
Beryllium	**0.31**	mg/kg dry	0.06	6010B	1	JP	09/03/05	1.75	100
Cadmium	ND	mg/kg dry	0.61	6010B	1	JP	09/03/05	1.75	100
Chromium	**3.5**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.75	100
Copper	**7.3**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.75	100
Lead	ND	mg/kg dry	6.1	6010B	1	JP	09/03/05	1.75	100
Mercury	ND	mg/kg dry	0.033	7471A	1	EEM	09/06/05	0.64	40
Nickel	**5.7**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.75	100
Selenium	ND	mg/kg dry	6.1	6010B	1	JP	09/03/05	1.75	100
Silver	ND	mg/kg dry	0.61	6010B	1	JP	09/03/05	1.75	100
Thallium	ND	mg/kg dry	1.5	7841	5	JP	09/06/05	1.75	100
Zinc	**13.6**	mg/kg dry	3.0	6010B	1	JP	09/03/05	1.75	100

185 Frances Avenue, Cranston, RI 02910-2211 Tel.: 401-461-7181 Fax: 401-461-4486 http://www.ESSLaboratory.com

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 5
Date Sampled: 09/02/05 12:40
Percent Solids: 94
Initial Volume: 25.7
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-05
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	ug/Kg dry	34.2	16.4000	1	09/07/05
1,1,1-Trichloroethane	ND	ug/Kg dry	34.2	6.8000	1	09/07/05
1,1,2,2-Tetrachloroethane	ND	ug/Kg dry	34.2	12.4000	1	09/07/05
1,1,2-Trichloroethane	ND	ug/Kg dry	34.2	17.8000	1	09/07/05
1,1-Dichloroethane	ND	ug/Kg dry	34.2	9.6000	1	09/07/05
1,1-Dichloroethene	ND	ug/Kg dry	34.2	9.6000	1	09/07/05
1,1-Dichloropropene	ND	ug/Kg dry	34.2	24.6000	1	09/07/05
1,2,3-Trichlorobenzene	ND	ug/Kg dry	34.2	19.2000	1	09/07/05
1,2,3-Trichloropropane	ND	ug/Kg dry	34.2	11.0000	1	09/07/05
1,2,4-Trichlorobenzene	ND	ug/Kg dry	34.2	11.0000	1	09/07/05
1,2,4-Trimethylbenzene	ND	ug/Kg dry	34.2	8.2000	1	09/07/05
1,2-Dibromo-3-Chloropropane	ND	ug/Kg dry	171	72.6000	1	09/07/05
1,2-Dibromoethane	ND	ug/Kg dry	34.2	11.0000	1	09/07/05
1,2-Dichlorobenzene	ND	ug/Kg dry	34.2	11.0000	1	09/07/05
1,2-Dichloroethane	ND	ug/Kg dry	34.2	15.0000	1	09/07/05
1,2-Dichloropropane	ND	ug/Kg dry	34.2	9.6000	1	09/07/05
1,3,5-Trimethylbenzene	ND	ug/Kg dry	34.2	6.8000	1	09/07/05
1,3-Dichlorobenzene	ND	ug/Kg dry	34.2	8.2000	1	09/07/05
1,3-Dichloropropane	ND	ug/Kg dry	34.2	24.6000	1	09/07/05
1,4-Dichlorobenzene	ND	ug/Kg dry	34.2	6.8000	1	09/07/05
1,4-Dioxane - Screen	ND	ug/Kg dry	3420	2740.0000	1	09/07/05
1-Chlorohexane	ND	ug/Kg dry	34.2	12.4000	1	09/07/05
2,2-Dichloropropane	ND	ug/Kg dry	68.5	48.0000	1	09/07/05
2-Butanone	ND	ug/Kg dry	856	154.8000	1	09/07/05
2-Chlorotoluene	ND	ug/Kg dry	34.2	13.6000	1	09/07/05
2-Hexanone	ND	ug/Kg dry	342	108.2000	1	09/07/05
4-Chlorotoluene	ND	ug/Kg dry	34.2	8.2000	1	09/07/05
4-Isopropyltoluene	ND	ug/Kg dry	34.2	6.8000	1	09/07/05
4-Methyl-2-Pentanone	ND	ug/Kg dry	342	50.6000	1	09/07/05
Acetone	ND	ug/Kg dry	856	774.0000	1	09/07/05
Benzene	ND	ug/Kg dry	34.2	5.4000	1	09/07/05
Bromobenzene	ND	ug/Kg dry	34.2	13.6000	1	09/07/05
Bromochloromethane	ND	ug/Kg dry	34.2	17.8000	1	09/07/05
Bromodichloromethane	ND	ug/Kg dry	34.2	13.6000	1	09/07/05
Bromoform	ND	ug/Kg dry	34.2	16.4000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 5
Date Sampled: 09/02/05 12:40
Percent Solids: 94
Initial Volume: 25.7
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-05
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Bromomethane	ND	ug/Kg dry	68.5	52.0000	1	09/07/05
Carbon Disulfide	ND	ug/Kg dry	34.2	23.2000	1	09/07/05
Carbon Tetrachloride	ND	ug/Kg dry	34.2	11.0000	1	09/07/05
Chlorobenzene	ND	ug/Kg dry	34.2	5.4000	1	09/07/05
Chloroethane	ND	ug/Kg dry	68.5	35.6000	1	09/07/05
Chloroform	ND	ug/Kg dry	34.2	22.0000	1	09/07/05
Chloromethane	ND	ug/Kg dry	34.2	27.4000	1	09/07/05
cis-1,2-Dichloroethene	ND	ug/Kg dry	34.2	8.2000	1	09/07/05
cis-1,3-Dichloropropene	ND	ug/Kg dry	34.2	8.2000	1	09/07/05
Dibromochloromethane	ND	ug/Kg dry	34.2	5.4000	1	09/07/05
Dibromomethane	ND	ug/Kg dry	34.2	13.6000	1	09/07/05
Dichlorodifluoromethane	ND	ug/Kg dry	34.2	24.6000	1	09/07/05
Diethyl Ether	ND	ug/Kg dry	34.2	27.4000	1	09/07/05
Di-isopropyl ether	ND	ug/Kg dry	34.2	26.0000	1	09/07/05
Ethyl tertiary-butyl ether	ND	ug/Kg dry	34.2	8.2000	1	09/07/05
Ethylbenzene	ND	ug/Kg dry	34.2	5.4000	1	09/07/05
Hexachlorobutadiene	ND	ug/Kg dry	34.2	49.4000	1	09/07/05
Isopropylbenzene	ND	ug/Kg dry	34.2	4.2000	1	09/07/05
Methyl tert-Butyl Ether	ND	ug/Kg dry	34.2	9.6000	1	09/07/05
Methylene Chloride	ND	ug/Kg dry	171	22.0000	1	09/07/05
Naphthalene	ND	ug/Kg dry	34.2	9.6000	1	09/07/05
n-Butylbenzene	ND	ug/Kg dry	34.2	8.2000	1	09/07/05
n-Propylbenzene	ND	ug/Kg dry	34.2	9.6000	1	09/07/05
sec-Butylbenzene	ND	ug/Kg dry	34.2	6.8000	1	09/07/05
Styrene	ND	ug/Kg dry	34.2	9.6000	1	09/07/05
tert-Butylbenzene	ND	ug/Kg dry	34.2	8.2000	1	09/07/05
Tertiary-amyl methyl ether	ND	ug/Kg dry	34.2	11.0000	1	09/07/05
Tetrachloroethene	ND	ug/Kg dry	34.2	11.0000	1	09/07/05
Tetrahydrofuran	ND	ug/Kg dry	171	171.2000	1	09/07/05
Toluene	ND	ug/Kg dry	34.2	6.8000	1	09/07/05
trans-1,2-Dichloroethene	ND	ug/Kg dry	34.2	24.6000	1	09/07/05
trans-1,3-Dichloropropene	ND	ug/Kg dry	34.2	8.2000	1	09/07/05
Trichloroethene	ND	ug/Kg dry	34.2	11.0000	1	09/07/05
Trichlorofluoromethane	ND	ug/Kg dry	34.2	22.0000	1	09/07/05
Vinyl Acetate	ND	ug/Kg dry	171	24.6000	1	09/07/05
Vinyl Chloride	ND	ug/Kg dry	34.2	26.0000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 5
Date Sampled: 09/02/05 12:40
Percent Solids: 94
Initial Volume: 25.7
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-05
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Xylene O	ND	ug/Kg dry	34.2	9.6000	1	09/07/05
Xylene P,M	ND	ug/Kg dry	68.5	13.6000	1	09/07/05
Xylenes (Total)	ND	ug/Kg	103			09/07/05

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*89 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*88 %*		*70-130*
Surrogate: Dibromofluoromethane	*94 %*		*70-130*
Surrogate: Toluene-d8	*92 %*		*70-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 5
Date Sampled: 09/02/05 12:40
Percent Solids: 94
Initial Volume: 30.7
Final Volume: 1
Extraction Method: 3550B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-05
Sample Matrix: Soil
Analyst: JLS
Prepared: 09/06/05

8100M Total Petroleum Hydrocarbons

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
Total Petroleum Hydrocarbons	ND	mg/kg dry	26.0	4.1600	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*76 %*		*40-140*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 5
Date Sampled: 09/02/05 12:40
Percent Solids: 94
Initial Volume: 31
Final Volume: 1
Extraction Method: 3541

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-05
Sample Matrix: Soil
Analyst: VSC
Prepared: 09/06/05

8270C Polynuclear Aromatic Hydrocarbons

Analyte		Results	Units	MRL	2xMDL	DF	Analyzed
2-Methylnaphthalene		ND	ug/Kg dry	343	34.0000	1	09/06/05
Acenaphthene		ND	ug/Kg dry	343	50.4000	1	09/06/05
Acenaphthylene		ND	ug/Kg dry	343	33.2000	1	09/06/05
Anthracene		ND	ug/Kg dry	343	39.0000	1	09/06/05
Benzo(a)anthracene		ND	ug/Kg dry	343	35.2000	1	09/06/05
Benzo(a)pyrene		ND	ug/Kg dry	172	36.4000	1	09/06/05
Benzo(b)fluoranthene	J	**110**	ug/Kg dry	343	63.4000	1	09/06/05
Benzo(g,h,i)perylene		ND	ug/Kg dry	343	40.2000	1	09/06/05
Benzo(k)fluoranthene		ND	ug/Kg dry	343	60.0000	1	09/06/05
Chrysene		ND	ug/Kg dry	172	43.0000	1	09/06/05
Dibenzo(a,h)Anthracene		ND	ug/Kg dry	172	42.2000	1	09/06/05
Fluoranthene		ND	ug/Kg dry	343	41.2000	1	09/06/05
Fluorene		ND	ug/Kg dry	343	32.8000	1	09/06/05
Indeno(1,2,3-cd)Pyrene		ND	ug/Kg dry	343	49.4000	1	09/06/05
Naphthalene		ND	ug/Kg dry	343	34.4000	1	09/06/05
Phenanthrene		ND	ug/Kg dry	343	47.2000	1	09/06/05
Pyrene		ND	ug/Kg dry	343	32.0000	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4			*30-130*
Surrogate: 2-Fluorobiphenyl			*30-130*
Surrogate: Nitrobenzene-d5			*30-130*
Surrogate: p-Terphenyl-d14			*30-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 6
Date Sampled: 09/02/05 13:27
Percent Solids: 92

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-06
Sample Matrix: Soil

3050B/6000/7000 Total Metals

Analyte	Results	Units	MRL	Method	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.2	6010B	1	JP	09/03/05	1.76	100
Arsenic	**2.3**	mg/kg dry	1.5	7060A	5	JP	09/06/05	1.76	100
Beryllium	**0.39**	mg/kg dry	0.06	6010B	1	JP	09/03/05	1.76	100
Cadmium	ND	mg/kg dry	0.62	6010B	1	JP	09/03/05	1.76	100
Chromium	**18.5**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.76	100
Copper	**345**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.76	100
Lead	**48.2**	mg/kg dry	6.2	6010B	1	JP	09/03/05	1.76	100
Mercury	**0.054**	mg/kg dry	0.033	7471A	1	EEM	09/06/05	0.65	40
Nickel	**9.1**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.76	100
Selenium	ND	mg/kg dry	6.2	6010B	1	JP	09/03/05	1.76	100
Silver	**5.12**	mg/kg dry	0.62	6010B	1	JP	09/03/05	1.76	100
Thallium	ND	mg/kg dry	1.5	7841	5	JP	09/06/05	1.76	100
Zinc	**222**	mg/kg dry	3.1	6010B	1	JP	09/03/05	1.76	100

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 6
Date Sampled: 09/02/05 13:27
Percent Solids: 92
Initial Volume: 18.8
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-06
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	ug/Kg dry	47.7	23.0000	1	09/07/05
1,1,1-Trichloroethane	ND	ug/Kg dry	47.7	9.6000	1	09/07/05
1,1,2,2-Tetrachloroethane	ND	ug/Kg dry	47.7	17.2000	1	09/07/05
1,1,2-Trichloroethane	ND	ug/Kg dry	47.7	24.8000	1	09/07/05
1,1-Dichloroethane	ND	ug/Kg dry	47.7	13.4000	1	09/07/05
1,1-Dichloroethene	ND	ug/Kg dry	47.7	13.4000	1	09/07/05
1,1-Dichloropropene	ND	ug/Kg dry	47.7	34.4000	1	09/07/05
1,2,3-Trichlorobenzene	ND	ug/Kg dry	47.7	26.8000	1	09/07/05
1,2,3-Trichloropropane	ND	ug/Kg dry	47.7	15.2000	1	09/07/05
1,2,4-Trichlorobenzene	ND	ug/Kg dry	47.7	15.2000	1	09/07/05
1,2,4-Trimethylbenzene	ND	ug/Kg dry	47.7	11.4000	1	09/07/05
1,2-Dibromo-3-Chloropropane	ND	ug/Kg dry	239	101.2000	1	09/07/05
1,2-Dibromoethane	ND	ug/Kg dry	47.7	15.2000	1	09/07/05
1,2-Dichlorobenzene	ND	ug/Kg dry	47.7	15.2000	1	09/07/05
1,2-Dichloroethane	ND	ug/Kg dry	47.7	21.0000	1	09/07/05
1,2-Dichloropropane	ND	ug/Kg dry	47.7	13.4000	1	09/07/05
1,3,5-Trimethylbenzene	ND	ug/Kg dry	47.7	9.6000	1	09/07/05
1,3-Dichlorobenzene	ND	ug/Kg dry	47.7	11.4000	1	09/07/05
1,3-Dichloropropane	ND	ug/Kg dry	47.7	34.4000	1	09/07/05
1,4-Dichlorobenzene	ND	ug/Kg dry	47.7	9.6000	1	09/07/05
1,4-Dioxane - Screen	ND	ug/Kg dry	4770	3820.0000	1	09/07/05
1-Chlorohexane	ND	ug/Kg dry	47.7	17.2000	1	09/07/05
2,2-Dichloropropane	ND	ug/Kg dry	95.4	66.8000	1	09/07/05
2-Butanone	ND	ug/Kg dry	1190	216.0000	1	09/07/05
2-Chlorotoluene	ND	ug/Kg dry	47.7	19.0000	1	09/07/05
2-Hexanone	ND	ug/Kg dry	477	150.8000	1	09/07/05
4-Chlorotoluene	ND	ug/Kg dry	47.7	11.4000	1	09/07/05
4-Isopropyltoluene	ND	ug/Kg dry	47.7	9.6000	1	09/07/05
4-Methyl-2-Pentanone	ND	ug/Kg dry	477	70.6000	1	09/07/05
Acetone	ND	ug/Kg dry	1190	1078.0000	1	09/07/05
Benzene	ND	ug/Kg dry	47.7	7.6000	1	09/07/05
Bromobenzene	ND	ug/Kg dry	47.7	19.0000	1	09/07/05
Bromochloromethane	ND	ug/Kg dry	47.7	24.8000	1	09/07/05
Bromodichloromethane	ND	ug/Kg dry	47.7	19.0000	1	09/07/05
Bromoform	ND	ug/Kg dry	47.7	23.0000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 6
Date Sampled: 09/02/05 13:27
Percent Solids: 92
Initial Volume: 18.8
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-06
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Bromomethane	ND	ug/Kg dry	95.4	72.6000	1	09/07/05
Carbon Disulfide	ND	ug/Kg dry	47.7	32.4000	1	09/07/05
Carbon Tetrachloride	ND	ug/Kg dry	47.7	15.2000	1	09/07/05
Chlorobenzene	ND	ug/Kg dry	47.7	7.6000	1	09/07/05
Chloroethane	ND	ug/Kg dry	95.4	49.6000	1	09/07/05
Chloroform	ND	ug/Kg dry	47.7	30.6000	1	09/07/05
Chloromethane	ND	ug/Kg dry	47.7	38.2000	1	09/07/05
cis-1,2-Dichloroethene	ND	ug/Kg dry	47.7	11.4000	1	09/07/05
cis-1,3-Dichloropropene	ND	ug/Kg dry	47.7	11.4000	1	09/07/05
Dibromochloromethane	ND	ug/Kg dry	47.7	7.6000	1	09/07/05
Dibromomethane	ND	ug/Kg dry	47.7	19.0000	1	09/07/05
Dichlorodifluoromethane	ND	ug/Kg dry	47.7	34.4000	1	09/07/05
Diethyl Ether	ND	ug/Kg dry	47.7	38.2000	1	09/07/05
Di-isopropyl ether	ND	ug/Kg dry	47.7	36.2000	1	09/07/05
Ethyl tertiary-butyl ether	ND	ug/Kg dry	47.7	11.4000	1	09/07/05
Ethylbenzene	ND	ug/Kg dry	47.7	7.6000	1	09/07/05
Hexachlorobutadiene	ND	ug/Kg dry	47.7	68.8000	1	09/07/05
Isopropylbenzene	ND	ug/Kg dry	47.7	5.8000	1	09/07/05
Methyl tert-Butyl Ether	ND	ug/Kg dry	47.7	13.4000	1	09/07/05
Methylene Chloride	ND	ug/Kg dry	239	30.6000	1	09/07/05
Naphthalene	ND	ug/Kg dry	47.7	13.4000	1	09/07/05
n-Butylbenzene	ND	ug/Kg dry	47.7	11.4000	1	09/07/05
n-Propylbenzene	ND	ug/Kg dry	47.7	13.4000	1	09/07/05
sec-Butylbenzene	ND	ug/Kg dry	47.7	9.6000	1	09/07/05
Styrene	ND	ug/Kg dry	47.7	13.4000	1	09/07/05
tert-Butylbenzene	ND	ug/Kg dry	47.7	11.4000	1	09/07/05
Tertiary-amyl methyl ether	ND	ug/Kg dry	47.7	15.2000	1	09/07/05
Tetrachloroethene	**134**	ug/Kg dry	47.7	15.2000	1	09/07/05
Tetrahydrofuran	ND	ug/Kg dry	239	238.0000	1	09/07/05
Toluene	ND	ug/Kg dry	47.7	9.6000	1	09/07/05
trans-1,2-Dichloroethene	ND	ug/Kg dry	47.7	34.4000	1	09/07/05
trans-1,3-Dichloropropene	ND	ug/Kg dry	47.7	11.4000	1	09/07/05
Trichloroethene	ND	ug/Kg dry	47.7	15.2000	1	09/07/05
Trichlorofluoromethane	ND	ug/Kg dry	47.7	30.6000	1	09/07/05
Vinyl Acetate	ND	ug/Kg dry	239	34.4000	1	09/07/05
Vinyl Chloride	ND	ug/Kg dry	47.7	36.2000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 6
Date Sampled: 09/02/05 13:27
Percent Solids: 92
Initial Volume: 18.8
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-06
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Xylene O	ND	ug/Kg dry	47.7	13.4000	1	09/07/05
Xylene P,M	ND	ug/Kg dry	95.4	19.0000	1	09/07/05
Xylenes (Total)	ND	ug/Kg	143			09/07/05

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*92 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*91 %*		*70-130*
Surrogate: Dibromofluoromethane	*95 %*		*70-130*
Surrogate: Toluene-d8	*94 %*		*70-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 6
Date Sampled: 09/02/05 13:27
Percent Solids: 92
Initial Volume: 29.5
Final Volume: 1
Extraction Method: 3550B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-06
Sample Matrix: Soil
Analyst: JLS
Prepared: 09/06/05

8100M Total Petroleum Hydrocarbons

Analyte		Results	Units	MRL	2xMDL	DF	Analyzed
Total Petroleum Hydrocarbons	J	**20.4**	mg/kg dry	27.6	4.4200	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*82 %*		*40-140*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 6
Date Sampled: 09/02/05 13:27
Percent Solids: 92
Initial Volume: 29.4
Final Volume: 1
Extraction Method: 3541

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-06
Sample Matrix: Soil
Analyst: VSC
Prepared: 09/06/05

8270C Polynuclear Aromatic Hydrocarbons

Analyte		Results	Units	MRL	2xMDL	DF	Analyzed
2-Methylnaphthalene		ND	ug/Kg dry	369	36.6000	1	09/06/05
Acenaphthene		ND	ug/Kg dry	369	54.4000	1	09/06/05
Acenaphthylene		ND	ug/Kg dry	369	35.8000	1	09/06/05
Anthracene		ND	ug/Kg dry	369	42.0000	1	09/06/05
Benzo(a)anthracene		ND	ug/Kg dry	369	38.0000	1	09/06/05
Benzo(a)pyrene		ND	ug/Kg dry	185	39.2000	1	09/06/05
Benzo(b)fluoranthene	J	**120**	ug/Kg dry	369	68.4000	1	09/06/05
Benzo(g,h,i)perylene		ND	ug/Kg dry	369	43.2000	1	09/06/05
Benzo(k)fluoranthene		ND	ug/Kg dry	369	64.6000	1	09/06/05
Chrysene		ND	ug/Kg dry	185	46.4000	1	09/06/05
Dibenzo(a,h)Anthracene		ND	ug/Kg dry	185	45.4000	1	09/06/05
Fluoranthene		ND	ug/Kg dry	369	44.4000	1	09/06/05
Fluorene		ND	ug/Kg dry	369	35.2000	1	09/06/05
Indeno(1,2,3-cd)Pyrene		ND	ug/Kg dry	369	53.2000	1	09/06/05
Naphthalene		ND	ug/Kg dry	369	37.0000	1	09/06/05
Phenanthrene		ND	ug/Kg dry	369	50.8000	1	09/06/05
Pyrene		ND	ug/Kg dry	369	34.4000	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4			*30-130*
Surrogate: 2-Fluorobiphenyl			*30-130*
Surrogate: Nitrobenzene-d5			*30-130*
Surrogate: p-Terphenyl-d14			*30-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 7
Date Sampled: 09/02/05 16:00
Percent Solids: 97

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-07
Sample Matrix: Soil

3050B/6000/7000 Total Metals

Analyte	Results	Units	MRL	Method	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	5.8	6010B	1	JP	09/03/05	1.77	100
Arsenic	ND	mg/kg dry	1.5	7060A	5	JP	09/06/05	1.77	100
Beryllium	**0.17**	mg/kg dry	0.06	6010B	1	JP	09/03/05	1.77	100
Cadmium	ND	mg/kg dry	0.58	6010B	1	JP	09/03/05	1.77	100
Chromium	**4.6**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.77	100
Copper	**5.2**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.77	100
Lead	ND	mg/kg dry	5.8	6010B	1	JP	09/03/05	1.77	100
Mercury	ND	mg/kg dry	0.030	7471A	1	EEM	09/06/05	0.69	40
Nickel	**5.5**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.77	100
Selenium	ND	mg/kg dry	5.8	6010B	1	JP	09/03/05	1.77	100
Silver	ND	mg/kg dry	0.58	6010B	1	JP	09/03/05	1.77	100
Thallium	ND	mg/kg dry	1.5	7841	5	JP	09/06/05	1.77	100
Zinc	**16.1**	mg/kg dry	2.9	6010B	1	JP	09/03/05	1.77	100

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 7
Date Sampled: 09/02/05 16:00
Percent Solids: 97
Initial Volume: 25.8
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-07
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	ug/Kg dry	31.5	15.2000	1	09/07/05
1,1,1-Trichloroethane	ND	ug/Kg dry	31.5	6.4000	1	09/07/05
1,1,2,2-Tetrachloroethane	ND	ug/Kg dry	31.5	11.4000	1	09/07/05
1,1,2-Trichloroethane	ND	ug/Kg dry	31.5	16.4000	1	09/07/05
1,1-Dichloroethane	ND	ug/Kg dry	31.5	8.8000	1	09/07/05
1,1-Dichloroethene	ND	ug/Kg dry	31.5	8.8000	1	09/07/05
1,1-Dichloropropene	ND	ug/Kg dry	31.5	22.6000	1	09/07/05
1,2,3-Trichlorobenzene	ND	ug/Kg dry	31.5	17.6000	1	09/07/05
1,2,3-Trichloropropane	ND	ug/Kg dry	31.5	10.0000	1	09/07/05
1,2,4-Trichlorobenzene	ND	ug/Kg dry	31.5	10.0000	1	09/07/05
1,2,4-Trimethylbenzene	ND	ug/Kg dry	31.5	7.6000	1	09/07/05
1,2-Dibromo-3-Chloropropane	ND	ug/Kg dry	158	66.8000	1	09/07/05
1,2-Dibromoethane	ND	ug/Kg dry	31.5	10.0000	1	09/07/05
1,2-Dichlorobenzene	ND	ug/Kg dry	31.5	10.0000	1	09/07/05
1,2-Dichloroethane	ND	ug/Kg dry	31.5	13.8000	1	09/07/05
1,2-Dichloropropane	ND	ug/Kg dry	31.5	8.8000	1	09/07/05
1,3,5-Trimethylbenzene	ND	ug/Kg dry	31.5	6.4000	1	09/07/05
1,3-Dichlorobenzene	ND	ug/Kg dry	31.5	7.6000	1	09/07/05
1,3-Dichloropropane	ND	ug/Kg dry	31.5	22.6000	1	09/07/05
1,4-Dichlorobenzene	ND	ug/Kg dry	31.5	6.4000	1	09/07/05
1,4-Dioxane - Screen	ND	ug/Kg dry	3150	2520.0000	1	09/07/05
1-Chlorohexane	ND	ug/Kg dry	31.5	11.4000	1	09/07/05
2,2-Dichloropropane	ND	ug/Kg dry	63.0	44.2000	1	09/07/05
2-Butanone	ND	ug/Kg dry	788	142.4000	1	09/07/05
2-Chlorotoluene	ND	ug/Kg dry	31.5	12.6000	1	09/07/05
2-Hexanone	ND	ug/Kg dry	315	99.6000	1	09/07/05
4-Chlorotoluene	ND	ug/Kg dry	31.5	7.6000	1	09/07/05
4-Isopropyltoluene	ND	ug/Kg dry	31.5	6.4000	1	09/07/05
4-Methyl-2-Pentanone	ND	ug/Kg dry	315	46.6000	1	09/07/05
Acetone	ND	ug/Kg dry	788	712.0000	1	09/07/05
Benzene	ND	ug/Kg dry	31.5	5.0000	1	09/07/05
Bromobenzene	ND	ug/Kg dry	31.5	12.6000	1	09/07/05
Bromochloromethane	ND	ug/Kg dry	31.5	16.4000	1	09/07/05
Bromodichloromethane	ND	ug/Kg dry	31.5	12.6000	1	09/07/05
Bromoform	ND	ug/Kg dry	31.5	15.2000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 7
Date Sampled: 09/02/05 16:00
Percent Solids: 97
Initial Volume: 25.8
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-07
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Bromomethane	ND	ug/Kg dry	63.0	48.0000	1	09/07/05
Carbon Disulfide	ND	ug/Kg dry	31.5	21.4000	1	09/07/05
Carbon Tetrachloride	ND	ug/Kg dry	31.5	10.0000	1	09/07/05
Chlorobenzene	ND	ug/Kg dry	31.5	5.0000	1	09/07/05
Chloroethane	ND	ug/Kg dry	63.0	32.8000	1	09/07/05
Chloroform	ND	ug/Kg dry	31.5	20.2000	1	09/07/05
Chloromethane	ND	ug/Kg dry	31.5	25.2000	1	09/07/05
cis-1,2-Dichloroethene	ND	ug/Kg dry	31.5	7.6000	1	09/07/05
cis-1,3-Dichloropropene	ND	ug/Kg dry	31.5	7.6000	1	09/07/05
Dibromochloromethane	ND	ug/Kg dry	31.5	5.0000	1	09/07/05
Dibromomethane	ND	ug/Kg dry	31.5	12.6000	1	09/07/05
Dichlorodifluoromethane	ND	ug/Kg dry	31.5	22.6000	1	09/07/05
Diethyl Ether	ND	ug/Kg dry	31.5	25.2000	1	09/07/05
Di-isopropyl ether	ND	ug/Kg dry	31.5	24.0000	1	09/07/05
Ethyl tertiary-butyl ether	ND	ug/Kg dry	31.5	7.6000	1	09/07/05
Ethylbenzene	ND	ug/Kg dry	31.5	5.0000	1	09/07/05
Hexachlorobutadiene	ND	ug/Kg dry	31.5	45.4000	1	09/07/05
Isopropylbenzene	ND	ug/Kg dry	31.5	3.8000	1	09/07/05
Methyl tert-Butyl Ether	ND	ug/Kg dry	31.5	8.8000	1	09/07/05
Methylene Chloride	ND	ug/Kg dry	158	20.2000	1	09/07/05
Naphthalene	ND	ug/Kg dry	31.5	8.8000	1	09/07/05
n-Butylbenzene	ND	ug/Kg dry	31.5	7.6000	1	09/07/05
n-Propylbenzene	ND	ug/Kg dry	31.5	8.8000	1	09/07/05
sec-Butylbenzene	ND	ug/Kg dry	31.5	6.4000	1	09/07/05
Styrene	ND	ug/Kg dry	31.5	8.8000	1	09/07/05
tert-Butylbenzene	ND	ug/Kg dry	31.5	7.6000	1	09/07/05
Tertiary-amyl methyl ether	ND	ug/Kg dry	31.5	10.0000	1	09/07/05
Tetrachloroethene	ND	ug/Kg dry	31.5	10.0000	1	09/07/05
Tetrahydrofuran	ND	ug/Kg dry	158	157.6000	1	09/07/05
Toluene	ND	ug/Kg dry	31.5	6.4000	1	09/07/05
trans-1,2-Dichloroethene	ND	ug/Kg dry	31.5	22.6000	1	09/07/05
trans-1,3-Dichloropropene	ND	ug/Kg dry	31.5	7.6000	1	09/07/05
Trichloroethene	ND	ug/Kg dry	31.5	10.0000	1	09/07/05
Trichlorofluoromethane	ND	ug/Kg dry	31.5	20.2000	1	09/07/05
Vinyl Acetate	ND	ug/Kg dry	158	22.6000	1	09/07/05
Vinyl Chloride	ND	ug/Kg dry	31.5	24.0000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 7
Date Sampled: 09/02/05 16:00
Percent Solids: 97
Initial Volume: 25.8
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-07
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Xylene O	ND	ug/Kg dry	31.5	8.8000	1	09/07/05
Xylene P,M	ND	ug/Kg dry	63.0	12.6000	1	09/07/05
Xylenes (Total)	ND	ug/Kg	94.5			09/07/05

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*91 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*92 %*		*70-130*
Surrogate: Dibromofluoromethane	*95 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 7
Date Sampled: 09/02/05 16:00
Percent Solids: 97
Initial Volume: 29.6
Final Volume: 1
Extraction Method: 3550B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-07
Sample Matrix: Soil
Analyst: JLS
Prepared: 09/06/05

8100M Total Petroleum Hydrocarbons

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
Total Petroleum Hydrocarbons	ND	mg/kg dry	26.1	4.1800	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*82 %*		*40-140*

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 7
Date Sampled: 09/02/05 16:00
Percent Solids: 97
Initial Volume: 31
Final Volume: 1
Extraction Method: 3541

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-07
Sample Matrix: Soil
Analyst: VSC
Prepared: 09/06/05

8270C Polynuclear Aromatic Hydrocarbons

Analyte		Results	Units	MRL	2xMDL	DF	Analyzed
2-Methylnaphthalene		ND	ug/Kg dry	332	33.0000	1	09/06/05
Acenaphthene		ND	ug/Kg dry	332	48.8000	1	09/06/05
Acenaphthylene		ND	ug/Kg dry	332	32.2000	1	09/06/05
Anthracene		ND	ug/Kg dry	332	37.8000	1	09/06/05
Benzo(a)anthracene		ND	ug/Kg dry	332	34.2000	1	09/06/05
Benzo(a)pyrene		ND	ug/Kg dry	167	35.4000	1	09/06/05
Benzo(b)fluoranthene	J	**103**	ug/Kg dry	332	61.4000	1	09/06/05
Benzo(g,h,i)perylene		ND	ug/Kg dry	332	39.0000	1	09/06/05
Benzo(k)fluoranthene		ND	ug/Kg dry	332	58.0000	1	09/06/05
Chrysene		ND	ug/Kg dry	167	41.8000	1	09/06/05
Dibenzo(a,h)Anthracene		ND	ug/Kg dry	167	41.0000	1	09/06/05
Fluoranthene		ND	ug/Kg dry	332	40.0000	1	09/06/05
Fluorene		ND	ug/Kg dry	332	31.8000	1	09/06/05
Indeno(1,2,3-cd)Pyrene		ND	ug/Kg dry	332	47.8000	1	09/06/05
Naphthalene		ND	ug/Kg dry	332	33.4000	1	09/06/05
Phenanthrene		ND	ug/Kg dry	332	45.6000	1	09/06/05
Pyrene		ND	ug/Kg dry	332	31.0000	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4			*30-130*
Surrogate: 2-Fluorobiphenyl			*30-130*
Surrogate: Nitrobenzene-d5			*30-130*
Surrogate: p-Terphenyl-d14			*30-130*

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 8
Date Sampled: 09/02/05 16:30
Percent Solids: 93

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-08
Sample Matrix: Soil

3050B/6000/7000 Total Metals

Analyte	Results	Units	MRL	Method	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.1	6010B	1	JP	09/03/05	1.75	100
Arsenic	**2.2**	mg/kg dry	1.5	7060A	5	JP	09/06/05	1.75	100
Beryllium	**0.11**	mg/kg dry	0.06	6010B	1	JP	09/03/05	1.75	100
Cadmium	ND	mg/kg dry	0.61	6010B	1	JP	09/03/05	1.75	100
Chromium	**8.1**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.75	100
Copper	**9.3**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.75	100
Lead	ND	mg/kg dry	6.1	6010B	1	JP	09/03/05	1.75	100
Mercury	ND	mg/kg dry	0.034	7471A	1	EEM	09/06/05	0.63	40
Nickel	**5.7**	mg/kg dry	1.2	6010B	1	JP	09/03/05	1.75	100
Selenium	ND	mg/kg dry	6.1	6010B	1	JP	09/03/05	1.75	100
Silver	ND	mg/kg dry	0.61	6010B	1	JP	09/03/05	1.75	100
Thallium	ND	mg/kg dry	1.5	7841	5	JP	09/06/05	1.75	100
Zinc	**9.8**	mg/kg dry	3.1	6010B	1	JP	09/03/05	1.75	100

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 8
Date Sampled: 09/02/05 16:30
Percent Solids: 93
Initial Volume: 24.9
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-08
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	ug/Kg dry	36.2	17.4000	1	09/07/05
1,1,1-Trichloroethane	ND	ug/Kg dry	36.2	7.2000	1	09/07/05
1,1,2,2-Tetrachloroethane	ND	ug/Kg dry	36.2	13.0000	1	09/07/05
1,1,2-Trichloroethane	ND	ug/Kg dry	36.2	18.8000	1	09/07/05
1,1-Dichloroethane	ND	ug/Kg dry	36.2	10.2000	1	09/07/05
1,1-Dichloroethene	ND	ug/Kg dry	36.2	10.2000	1	09/07/05
1,1-Dichloropropene	ND	ug/Kg dry	36.2	26.0000	1	09/07/05
1,2,3-Trichlorobenzene	ND	ug/Kg dry	36.2	20.2000	1	09/07/05
1,2,3-Trichloropropane	ND	ug/Kg dry	36.2	11.6000	1	09/07/05
1,2,4-Trichlorobenzene	ND	ug/Kg dry	36.2	11.6000	1	09/07/05
1,2,4-Trimethylbenzene	ND	ug/Kg dry	36.2	8.6000	1	09/07/05
1,2-Dibromo-3-Chloropropane	ND	ug/Kg dry	181	76.6000	1	09/07/05
1,2-Dibromoethane	ND	ug/Kg dry	36.2	11.6000	1	09/07/05
1,2-Dichlorobenzene	ND	ug/Kg dry	36.2	11.6000	1	09/07/05
1,2-Dichloroethane	ND	ug/Kg dry	36.2	16.0000	1	09/07/05
1,2-Dichloropropane	ND	ug/Kg dry	36.2	10.2000	1	09/07/05
1,3,5-Trimethylbenzene	ND	ug/Kg dry	36.2	7.2000	1	09/07/05
1,3-Dichlorobenzene	ND	ug/Kg dry	36.2	8.6000	1	09/07/05
1,3-Dichloropropane	ND	ug/Kg dry	36.2	26.0000	1	09/07/05
1,4-Dichlorobenzene	ND	ug/Kg dry	36.2	7.2000	1	09/07/05
1,4-Dioxane - Screen	ND	ug/Kg dry	3620	2900.0000	1	09/07/05
1-Chlorohexane	ND	ug/Kg dry	36.2	13.0000	1	09/07/05
2,2-Dichloropropane	ND	ug/Kg dry	72.3	50.6000	1	09/07/05
2-Butanone	ND	ug/Kg dry	904	163.4000	1	09/07/05
2-Chlorotoluene	ND	ug/Kg dry	36.2	14.4000	1	09/07/05
2-Hexanone	ND	ug/Kg dry	362	114.2000	1	09/07/05
4-Chlorotoluene	ND	ug/Kg dry	36.2	8.6000	1	09/07/05
4-Isopropyltoluene	ND	ug/Kg dry	36.2	7.2000	1	09/07/05
4-Methyl-2-Pentanone	ND	ug/Kg dry	362	53.6000	1	09/07/05
Acetone	ND	ug/Kg dry	904	818.0000	1	09/07/05
Benzene	ND	ug/Kg dry	36.2	5.8000	1	09/07/05
Bromobenzene	ND	ug/Kg dry	36.2	14.4000	1	09/07/05
Bromochloromethane	ND	ug/Kg dry	36.2	18.8000	1	09/07/05
Bromodichloromethane	ND	ug/Kg dry	36.2	14.4000	1	09/07/05
Bromoform	ND	ug/Kg dry	36.2	17.4000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 8
Date Sampled: 09/02/05 16:30
Percent Solids: 93
Initial Volume: 24.9
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-08
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Bromomethane		ND	ug/Kg dry	72.3	55.0000	1	09/07/05
Carbon Disulfide		ND	ug/Kg dry	36.2	24.6000	1	09/07/05
Carbon Tetrachloride		ND	ug/Kg dry	36.2	11.6000	1	09/07/05
Chlorobenzene		ND	ug/Kg dry	36.2	5.8000	1	09/07/05
Chloroethane		ND	ug/Kg dry	72.3	37.6000	1	09/07/05
Chloroform		ND	ug/Kg dry	36.2	23.2000	1	09/07/05
Chloromethane		ND	ug/Kg dry	36.2	29.0000	1	09/07/05
cis-1,2-Dichloroethene		ND	ug/Kg dry	36.2	8.6000	1	09/07/05
cis-1,3-Dichloropropene		ND	ug/Kg dry	36.2	8.6000	1	09/07/05
Dibromochloromethane		ND	ug/Kg dry	36.2	5.8000	1	09/07/05
Dibromomethane		ND	ug/Kg dry	36.2	14.4000	1	09/07/05
Dichlorodifluoromethane		ND	ug/Kg dry	36.2	26.0000	1	09/07/05
Diethyl Ether		ND	ug/Kg dry	36.2	29.0000	1	09/07/05
Di-isopropyl ether		ND	ug/Kg dry	36.2	27.4000	1	09/07/05
Ethyl tertiary-butyl ether		ND	ug/Kg dry	36.2	8.6000	1	09/07/05
Ethylbenzene		ND	ug/Kg dry	36.2	5.8000	1	09/07/05
Hexachlorobutadiene		ND	ug/Kg dry	36.2	52.0000	1	09/07/05
Isopropylbenzene		ND	ug/Kg dry	36.2	4.4000	1	09/07/05
Methyl tert-Butyl Ether		ND	ug/Kg dry	36.2	10.2000	1	09/07/05
Methylene Chloride		ND	ug/Kg dry	181	23.2000	1	09/07/05
Naphthalene		ND	ug/Kg dry	36.2	10.2000	1	09/07/05
n-Butylbenzene		ND	ug/Kg dry	36.2	8.6000	1	09/07/05
n-Propylbenzene		ND	ug/Kg dry	36.2	10.2000	1	09/07/05
sec-Butylbenzene		ND	ug/Kg dry	36.2	7.2000	1	09/07/05
Styrene		ND	ug/Kg dry	36.2	10.2000	1	09/07/05
tert-Butylbenzene		ND	ug/Kg dry	36.2	8.6000	1	09/07/05
Tertiary-amyl methyl ether		ND	ug/Kg dry	36.2	11.6000	1	09/07/05
Tetrachloroethene	J	**15.2**	ug/Kg dry	36.2	11.6000	1	09/07/05
Tetrahydrofuran		ND	ug/Kg dry	181	180.8000	1	09/07/05
Toluene		ND	ug/Kg dry	36.2	7.2000	1	09/07/05
trans-1,2-Dichloroethene		ND	ug/Kg dry	36.2	26.0000	1	09/07/05
trans-1,3-Dichloropropene		ND	ug/Kg dry	36.2	8.6000	1	09/07/05
Trichloroethene	J	**35.4**	ug/Kg dry	36.2	11.6000	1	09/07/05
Trichlorofluoromethane		ND	ug/Kg dry	36.2	23.2000	1	09/07/05
Vinyl Acetate		ND	ug/Kg dry	181	26.0000	1	09/07/05
Vinyl Chloride		ND	ug/Kg dry	36.2	27.4000	1	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 8
Date Sampled: 09/02/05 16:30
Percent Solids: 93
Initial Volume: 24.9
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-08
Sample Matrix: Soil
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Xylene O	ND	ug/Kg dry	36.2	10.2000	1	09/07/05
Xylene P,M	ND	ug/Kg dry	72.3	14.4000	1	09/07/05
Xylenes (Total)	ND	ug/Kg	108			09/07/05

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*86 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*92 %*		*70-130*
Surrogate: Dibromofluoromethane	*94 %*		*70-130*
Surrogate: Toluene-d8	*94 %*		*70-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 8
Date Sampled: 09/02/05 16:30
Percent Solids: 93
Initial Volume: 29.8
Final Volume: 1
Extraction Method: 3550B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-08
Sample Matrix: Soil
Analyst: JLS
Prepared: 09/06/05

8100M Total Petroleum Hydrocarbons

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
Total Petroleum Hydrocarbons	**39.7**	mg/kg dry	27.1	4.3200	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*81 %*		*40-140*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Post LRAWP 8
Date Sampled: 09/02/05 16:30
Percent Solids: 93
Initial Volume: 30.2
Final Volume: 1
Extraction Method: 3541

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-08
Sample Matrix: Soil
Analyst: VSC
Prepared: 09/06/05

8270C Polynuclear Aromatic Hydrocarbons

Analyte		Results	Units	MRL	2xMDL	DF	Analyzed
2-Methylnaphthalene		ND	ug/Kg dry	356	35.2000	1	09/06/05
Acenaphthene		ND	ug/Kg dry	356	52.4000	1	09/06/05
Acenaphthylene	J	**100**	ug/Kg dry	356	34.4000	1	09/06/05
Anthracene	J	**237**	ug/Kg dry	356	40.4000	1	09/06/05
Benzo(a)anthracene		**543**	ug/Kg dry	356	36.6000	1	09/06/05
Benzo(a)pyrene		**470**	ug/Kg dry	178	37.8000	1	09/06/05
Benzo(b)fluoranthene		**491**	ug/Kg dry	356	65.8000	1	09/06/05
Benzo(g,h,i)perylene		**375**	ug/Kg dry	356	41.6000	1	09/06/05
Benzo(k)fluoranthene	J	**259**	ug/Kg dry	356	62.2000	1	09/06/05
Chrysene		**496**	ug/Kg dry	178	44.6000	1	09/06/05
Dibenzo(a,h)Anthracene		ND	ug/Kg dry	178	43.8000	1	09/06/05
Fluoranthene		**1530**	ug/Kg dry	356	42.8000	1	09/06/05
Fluorene	J	**68.7**	ug/Kg dry	356	34.0000	1	09/06/05
Indeno(1,2,3-cd)Pyrene	J	**321**	ug/Kg dry	356	51.2000	1	09/06/05
Naphthalene		ND	ug/Kg dry	356	35.6000	1	09/06/05
Phenanthrene		**1230**	ug/Kg dry	356	49.0000	1	09/06/05
Pyrene		**1240**	ug/Kg dry	356	33.2000	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4			*30-130*
Surrogate: 2-Fluorobiphenyl			*30-130*
Surrogate: Nitrobenzene-d5			*30-130*
Surrogate: p-Terphenyl-d14			*30-130*

185 Frances Avenue, Cranston, RI 02910-2211 Tel.: 401-461-7181 Fax: 401-461-4486 http://www.ESSLaboratory.com

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: LRAWP 6
Date Sampled: 09/02/05 15:40
Percent Solids: N/A
Initial Volume: 1000
Final Volume: 1
Extraction Method: 3510C

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-09
Sample Matrix: Ground Water
Analyst: JLS
Prepared: 09/06/05

8100M Total Petroleum Hydrocarbons

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
Total Petroleum Hydrocarbons	**1.08**	mg/L	0.20	0.1400	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*61 %*		*40-140*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: LRAWP 6
Date Sampled: 09/02/05 15:40
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-09
Sample Matrix: Ground Water
Analyst: RES

8260B Volatile Organic Compounds

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.4000	1	09/06/05
1,1,1-Trichloroethane	ND	ug/L	1.0	0.4000	1	09/06/05
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	0.2000	1	09/06/05
1,1,2-Trichloroethane	ND	ug/L	1.0	0.4000	1	09/06/05
1,1-Dichloroethane	ND	ug/L	1.0	0.2000	1	09/06/05
1,1-Dichloroethene	ND	ug/L	1.0	0.4000	1	09/06/05
1,1-Dichloropropene	ND	ug/L	1.0	0.4000	1	09/06/05
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.2000	1	09/06/05
1,2,3-Trichloropropane	ND	ug/L	1.0	0.2000	1	09/06/05
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.2000	1	09/06/05
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.1000	1	09/06/05
1,2-Dibromo-3-Chloropropane	ND	ug/L	5.0	2.8000	1	09/06/05
1,2-Dibromoethane	ND	ug/L	1.0	0.2000	1	09/06/05
1,2-Dichlorobenzene	ND	ug/L	1.0	0.1800	1	09/06/05
1,2-Dichloroethane	ND	ug/L	1.0	0.2000	1	09/06/05
1,2-Dichloropropane	ND	ug/L	1.0	0.4000	1	09/06/05
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.1600	1	09/06/05
1,3-Dichlorobenzene	ND	ug/L	1.0	0.1600	1	09/06/05
1,3-Dichloropropane	ND	ug/L	1.0	0.2000	1	09/06/05
1,4-Dichlorobenzene	ND	ug/L	1.0	0.1200	1	09/06/05
1,4-Dioxane - Screen	ND	ug/L	500	500.0000	1	09/06/05
1-Chlorohexane	ND	ug/L	1.0	0.4000	1	09/06/05
2,2-Dichloropropane	ND	ug/L	1.0	0.4000	1	09/06/05
2-Butanone	ND	ug/L	25.0	10.6000	1	09/06/05
2-Chlorotoluene	ND	ug/L	1.0	0.1800	1	09/06/05
2-Hexanone	ND	ug/L	10.0	2.8000	1	09/06/05
4-Chlorotoluene	ND	ug/L	1.0	0.1600	1	09/06/05
4-Isopropyltoluene	ND	ug/L	1.0	0.1000	1	09/06/05
4-Methyl-2-Pentanone	ND	ug/L	10.0	1.6000	1	09/06/05
Acetone	ND	ug/L	25.0	10.4000	1	09/06/05
Benzene	ND	ug/L	1.0	0.2000	1	09/06/05
Bromobenzene	ND	ug/L	1.0	0.1800	1	09/06/05
Bromochloromethane	ND	ug/L	1.0	0.4000	1	09/06/05
Bromodichloromethane	ND	ug/L	1.0	0.4000	1	09/06/05
Bromoform	ND	ug/L	1.0	0.2000	1	09/06/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: LRAWP 6
Date Sampled: 09/02/05 15:40
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-09
Sample Matrix: Ground Water
Analyst: RES

8260B Volatile Organic Compounds

Bromomethane		ND	ug/L	2.0	0.6000	1	09/06/05
Carbon Disulfide		ND	ug/L	1.0	0.2000	1	09/06/05
Carbon Tetrachloride		ND	ug/L	1.0	0.4000	1	09/06/05
Chlorobenzene		ND	ug/L	1.0	0.1400	1	09/06/05
Chloroethane		ND	ug/L	2.0	0.2000	1	09/06/05
Chloroform		ND	ug/L	1.0	0.2000	1	09/06/05
Chloromethane		ND	ug/L	2.0	0.6000	1	09/06/05
cis-1,2-Dichloroethene		ND	ug/L	1.0	0.4000	1	09/06/05
cis-1,3-Dichloropropene		ND	ug/L	0.5	0.2000	1	09/06/05
Dibromochloromethane		ND	ug/L	1.0	0.4000	1	09/06/05
Dibromomethane		ND	ug/L	1.0	0.4000	1	09/06/05
Dichlorodifluoromethane		ND	ug/L	2.0	0.4000	1	09/06/05
Diethyl Ether		ND	ug/L	1.0	0.4000	1	09/06/05
Di-isopropyl ether		ND	ug/L	1.0	0.2000	1	09/06/05
Ethyl tertiary-butyl ether		ND	ug/L	1.0	0.2000	1	09/06/05
Ethylbenzene		ND	ug/L	1.0	0.1800	1	09/06/05
Hexachlorobutadiene		ND	ug/L	0.6	0.4000	1	09/06/05
Isopropylbenzene		ND	ug/L	1.0	0.1400	1	09/06/05
Methyl tert-Butyl Ether		**1.0**	ug/L	1.0	0.6000	1	09/06/05
Methylene Chloride		ND	ug/L	5.0	0.2000	1	09/06/05
Naphthalene		ND	ug/L	1.0	0.2000	1	09/06/05
n-Butylbenzene		ND	ug/L	1.0	0.1200	1	09/06/05
n-Propylbenzene		ND	ug/L	1.0	0.2000	1	09/06/05
sec-Butylbenzene		ND	ug/L	1.0	0.1200	1	09/06/05
Styrene		ND	ug/L	1.0	0.1600	1	09/06/05
tert-Butylbenzene		ND	ug/L	1.0	0.1400	1	09/06/05
Tertiary-amyl methyl ether		ND	ug/L	1.0	0.2000	1	09/06/05
Tetrachloroethene		**11.7**	ug/L	1.0	0.4000	1	09/06/05
Tetrahydrofuran		ND	ug/L	5.0	2.2000	1	09/06/05
Toluene		ND	ug/L	1.0	0.1800	1	09/06/05
trans-1,2-Dichloroethene		ND	ug/L	1.0	0.2000	1	09/06/05
trans-1,3-Dichloropropene		ND	ug/L	0.5	0.4000	1	09/06/05
Trichloroethene	J	**0.4**	ug/L	1.0	0.2000	1	09/06/05
Trichlorofluoromethane	J	**0.3**	ug/L	2.0	0.2000	1	09/06/05
Vinyl Acetate		ND	ug/L	5.0	0.2000	1	09/06/05
Vinyl Chloride		ND	ug/L	1.0	0.4000	1	09/06/05

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: LRAWP 6
Date Sampled: 09/02/05 15:40
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-09
Sample Matrix: Ground Water
Analyst: RES

8260B Volatile Organic Compounds

Xylene O	ND	ug/L	1.0	0.2000	1	09/06/05
Xylene P,M	ND	ug/L	2.0	0.4000	1	09/06/05
Xylenes (Total)	ND	ug/L	3.0			09/06/05

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*98 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*107 %*		*70-130*
Surrogate: Dibromofluoromethane	*104 %*		*70-130*
Surrogate: Toluene-d8	*102 %*		*70-130*

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: LRAWP 7
Date Sampled: 09/02/05 16:00
Percent Solids: N/A
Initial Volume: 1000
Final Volume: 1
Extraction Method: 3510C

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-10
Sample Matrix: Ground Water
Analyst: JLS
Prepared: 09/06/05

8100M Total Petroleum Hydrocarbons

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
Total Petroleum Hydrocarbons	**8.80**	mg/L	0.20	0.1400	1	09/06/05

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*90 %*		*40-140*

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: LRAWP 7
Date Sampled: 09/02/05 16:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-10
Sample Matrix: Ground Water
Analyst: RES

8260B Volatile Organic Compounds

Analyte		Results	Units	MRL	2xMDL	DF	Analyzed
1,1,1,2-Tetrachloroethane		ND	ug/L	1.0	0.4000	1	09/06/05
1,1,1-Trichloroethane		ND	ug/L	1.0	0.4000	1	09/06/05
1,1,2,2-Tetrachloroethane		ND	ug/L	0.5	0.2000	1	09/06/05
1,1,2-Trichloroethane		ND	ug/L	1.0	0.4000	1	09/06/05
1,1-Dichloroethane		**1.1**	ug/L	1.0	0.2000	1	09/06/05
1,1-Dichloroethene		ND	ug/L	1.0	0.4000	1	09/06/05
1,1-Dichloropropene		ND	ug/L	1.0	0.4000	1	09/06/05
1,2,3-Trichlorobenzene		ND	ug/L	1.0	0.2000	1	09/06/05
1,2,3-Trichloropropane		ND	ug/L	1.0	0.2000	1	09/06/05
1,2,4-Trichlorobenzene		ND	ug/L	1.0	0.2000	1	09/06/05
1,2,4-Trimethylbenzene		ND	ug/L	1.0	0.1000	1	09/06/05
1,2-Dibromo-3-Chloropropane		ND	ug/L	5.0	2.8000	1	09/06/05
1,2-Dibromoethane		ND	ug/L	1.0	0.2000	1	09/06/05
1,2-Dichlorobenzene	J	**0.2**	ug/L	1.0	0.1800	1	09/06/05
1,2-Dichloroethane		ND	ug/L	1.0	0.2000	1	09/06/05
1,2-Dichloropropane		ND	ug/L	1.0	0.4000	1	09/06/05
1,3,5-Trimethylbenzene		ND	ug/L	1.0	0.1600	1	09/06/05
1,3-Dichlorobenzene		ND	ug/L	1.0	0.1600	1	09/06/05
1,3-Dichloropropane		ND	ug/L	1.0	0.2000	1	09/06/05
1,4-Dichlorobenzene		ND	ug/L	1.0	0.1200	1	09/06/05
1,4-Dioxane - Screen		ND	ug/L	500	500.0000	1	09/06/05
1-Chlorohexane		ND	ug/L	1.0	0.4000	1	09/06/05
2,2-Dichloropropane		ND	ug/L	1.0	0.4000	1	09/06/05
2-Butanone		ND	ug/L	25.0	10.6000	1	09/06/05
2-Chlorotoluene		ND	ug/L	1.0	0.1800	1	09/06/05
2-Hexanone		ND	ug/L	10.0	2.8000	1	09/06/05
4-Chlorotoluene		ND	ug/L	1.0	0.1600	1	09/06/05
4-Isopropyltoluene		ND	ug/L	1.0	0.1000	1	09/06/05
4-Methyl-2-Pentanone		ND	ug/L	10.0	1.6000	1	09/06/05
Acetone		ND	ug/L	25.0	10.4000	1	09/06/05
Benzene		**1.8**	ug/L	1.0	0.2000	1	09/06/05
Bromobenzene		ND	ug/L	1.0	0.1800	1	09/06/05
Bromochloromethane		ND	ug/L	1.0	0.4000	1	09/06/05
Bromodichloromethane		ND	ug/L	1.0	0.4000	1	09/06/05
Bromoform		ND	ug/L	1.0	0.2000	1	09/06/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: LRAWP 7
Date Sampled: 09/02/05 16:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-10
Sample Matrix: Ground Water
Analyst: RES

8260B Volatile Organic Compounds

Bromomethane		ND	ug/L	2.0	0.6000	1	09/06/05
Carbon Disulfide		ND	ug/L	1.0	0.2000	1	09/06/05
Carbon Tetrachloride		ND	ug/L	1.0	0.4000	1	09/06/05
Chlorobenzene		ND	ug/L	1.0	0.1400	1	09/06/05
Chloroethane		ND	ug/L	2.0	0.2000	1	09/06/05
Chloroform		ND	ug/L	1.0	0.2000	1	09/06/05
Chloromethane		ND	ug/L	2.0	0.6000	1	09/06/05
cis-1,2-Dichloroethene		**1.4**	ug/L	1.0	0.4000	1	09/06/05
cis-1,3-Dichloropropene		ND	ug/L	0.5	0.2000	1	09/06/05
Dibromochloromethane		ND	ug/L	1.0	0.4000	1	09/06/05
Dibromomethane		ND	ug/L	1.0	0.4000	1	09/06/05
Dichlorodifluoromethane		ND	ug/L	2.0	0.4000	1	09/06/05
Diethyl Ether		ND	ug/L	1.0	0.4000	1	09/06/05
Di-isopropyl ether		ND	ug/L	1.0	0.2000	1	09/06/05
Ethyl tertiary-butyl ether		ND	ug/L	1.0	0.2000	1	09/06/05
Ethylbenzene	J	**0.3**	ug/L	1.0	0.1800	1	09/06/05
Hexachlorobutadiene		ND	ug/L	0.6	0.4000	1	09/06/05
Isopropylbenzene	J	**0.4**	ug/L	1.0	0.1400	1	09/06/05
Methyl tert-Butyl Ether		**2.6**	ug/L	1.0	0.6000	1	09/06/05
Methylene Chloride		ND	ug/L	5.0	0.2000	1	09/06/05
Naphthalene		ND	ug/L	1.0	0.2000	1	09/06/05
n-Butylbenzene		ND	ug/L	1.0	0.1200	1	09/06/05
n-Propylbenzene		ND	ug/L	1.0	0.2000	1	09/06/05
sec-Butylbenzene	J	**0.3**	ug/L	1.0	0.1200	1	09/06/05
Styrene		ND	ug/L	1.0	0.1600	1	09/06/05
tert-Butylbenzene		ND	ug/L	1.0	0.1400	1	09/06/05
Tertiary-amyl methyl ether		ND	ug/L	1.0	0.2000	1	09/06/05
Tetrachloroethene		**1.5**	ug/L	1.0	0.4000	1	09/06/05
Tetrahydrofuran		ND	ug/L	5.0	2.2000	1	09/06/05
Toluene		ND	ug/L	1.0	0.1800	1	09/06/05
trans-1,2-Dichloroethene		ND	ug/L	1.0	0.2000	1	09/06/05
trans-1,3-Dichloropropene		ND	ug/L	0.5	0.4000	1	09/06/05
Trichloroethene		**1.0**	ug/L	1.0	0.2000	1	09/06/05
Trichlorofluoromethane	J	**0.2**	ug/L	2.0	0.2000	1	09/06/05
Vinyl Acetate		ND	ug/L	5.0	0.2000	1	09/06/05
Vinyl Chloride		**14.1**	ug/L	1.0	0.4000	1	09/06/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: LRAWP 7
Date Sampled: 09/02/05 16:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-10
Sample Matrix: Ground Water
Analyst: RES

8260B Volatile Organic Compounds

Xylene O	J	**0.2**	ug/L	1.0	0.2000	1	09/06/05
Xylene P,M		ND	ug/L	2.0	0.4000	1	09/06/05
Xylenes (Total)		ND	ug/L	3.0			09/06/05

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*98 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*108 %*		*70-130*
Surrogate: Dibromofluoromethane	*104 %*		*70-130*
Surrogate: Toluene-d8	*102 %*		*70-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Trip Blank
Date Sampled: 09/02/05 00:00
Percent Solids: N/A
Initial Volume: 15
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-12
Sample Matrix: Solid
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Analyte	Results	Units	MRL	2xMDL	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.5	0.2000	0.01	09/07/05
1,1,1-Trichloroethane	ND	ug/Kg	0.5	0.1000	0.01	09/07/05
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.5	0.1800	0.01	09/07/05
1,1,2-Trichloroethane	ND	ug/Kg	0.5	0.2000	0.01	09/07/05
1,1-Dichloroethane	ND	ug/Kg	0.5	0.1400	0.01	09/07/05
1,1-Dichloroethene	ND	ug/Kg	0.5	0.1400	0.01	09/07/05
1,1-Dichloropropene	ND	ug/Kg	0.5	0.4000	0.01	09/07/05
1,2,3-Trichlorobenzene	ND	ug/Kg	0.5	0.2000	0.01	09/07/05
1,2,3-Trichloropropane	ND	ug/Kg	0.5	0.1600	0.01	09/07/05
1,2,4-Trichlorobenzene	ND	ug/Kg	0.5	0.1600	0.01	09/07/05
1,2,4-Trimethylbenzene	ND	ug/Kg	0.5	0.1200	0.01	09/07/05
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	2.5	1.0000	0.01	09/07/05
1,2-Dibromoethane	ND	ug/Kg	0.5	0.1600	0.01	09/07/05
1,2-Dichlorobenzene	ND	ug/Kg	0.5	0.1600	0.01	09/07/05
1,2-Dichloroethane	ND	ug/Kg	0.5	0.2000	0.01	09/07/05
1,2-Dichloropropane	ND	ug/Kg	0.5	0.1400	0.01	09/07/05
1,3,5-Trimethylbenzene	ND	ug/Kg	0.5	0.1000	0.01	09/07/05
1,3-Dichlorobenzene	ND	ug/Kg	0.5	0.1200	0.01	09/07/05
1,3-Dichloropropane	ND	ug/Kg	0.5	0.4000	0.01	09/07/05
1,4-Dichlorobenzene	ND	ug/Kg	0.5	0.1000	0.01	09/07/05
1,4-Dioxane - Screen	ND	ug/Kg	50.0	40.0000	0.01	09/07/05
1-Chlorohexane	ND	ug/Kg	0.5	0.1800	0.01	09/07/05
2,2-Dichloropropane	ND	ug/Kg	1.0	0.8000	0.01	09/07/05
2-Butanone	ND	ug/Kg	12.5	2.2000	0.01	09/07/05
2-Chlorotoluene	ND	ug/Kg	0.5	0.2000	0.01	09/07/05
2-Hexanone	ND	ug/Kg	5.0	1.6000	0.01	09/07/05
4-Chlorotoluene	ND	ug/Kg	0.5	0.1200	0.01	09/07/05
4-Isopropyltoluene	ND	ug/Kg	0.5	0.1000	0.01	09/07/05
4-Methyl-2-Pentanone	ND	ug/Kg	5.0	0.8000	0.01	09/07/05
Acetone	ND	ug/Kg	12.5	11.2000	0.01	09/07/05
Benzene	ND	ug/Kg	0.5	0.0800	0.01	09/07/05
Bromobenzene	ND	ug/Kg	0.5	0.2000	0.01	09/07/05
Bromochloromethane	ND	ug/Kg	0.5	0.2000	0.01	09/07/05
Bromodichloromethane	ND	ug/Kg	0.5	0.2000	0.01	09/07/05
Bromoform	ND	ug/Kg	0.5	0.2000	0.01	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Trip Blank
Date Sampled: 09/02/05 00:00
Percent Solids: N/A
Initial Volume: 15
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-12
Sample Matrix: Solid
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Bromomethane	ND	ug/Kg	1.0	0.8000	0.01	09/07/05
Carbon Disulfide	ND	ug/Kg	0.5	0.4000	0.01	09/07/05
Carbon Tetrachloride	ND	ug/Kg	0.5	0.1600	0.01	09/07/05
Chlorobenzene	ND	ug/Kg	0.5	0.0800	0.01	09/07/05
Chloroethane	ND	ug/Kg	1.0	0.6000	0.01	09/07/05
Chloroform	ND	ug/Kg	0.5	0.4000	0.01	09/07/05
Chloromethane	ND	ug/Kg	0.5	0.4000	0.01	09/07/05
cis-1,2-Dichloroethene	ND	ug/Kg	0.5	0.1200	0.01	09/07/05
cis-1,3-Dichloropropene	ND	ug/Kg	0.5	0.1200	0.01	09/07/05
Dibromochloromethane	ND	ug/Kg	0.5	0.0800	0.01	09/07/05
Dibromomethane	ND	ug/Kg	0.5	0.2000	0.01	09/07/05
Dichlorodifluoromethane	ND	ug/Kg	0.5	0.4000	0.01	09/07/05
Diethyl Ether	ND	ug/Kg	0.5	0.4000	0.01	09/07/05
Di-isopropyl ether	ND	ug/Kg	0.5	0.4000	0.01	09/07/05
Ethyl tertiary-butyl ether	ND	ug/Kg	0.5	0.1200	0.01	09/07/05
Ethylbenzene	ND	ug/Kg	0.5	0.0800	0.01	09/07/05
Hexachlorobutadiene	ND	ug/Kg	0.5	0.8000	0.01	09/07/05
Isopropylbenzene	ND	ug/Kg	0.5	0.0600	0.01	09/07/05
Methyl tert-Butyl Ether	ND	ug/Kg	0.5	0.1400	0.01	09/07/05
Methylene Chloride	ND	ug/Kg	2.5	0.4000	0.01	09/07/05
Naphthalene	ND	ug/Kg	0.5	0.1400	0.01	09/07/05
n-Butylbenzene	ND	ug/Kg	0.5	0.1200	0.01	09/07/05
n-Propylbenzene	ND	ug/Kg	0.5	0.1400	0.01	09/07/05
sec-Butylbenzene	ND	ug/Kg	0.5	0.1000	0.01	09/07/05
Styrene	ND	ug/Kg	0.5	0.1400	0.01	09/07/05
tert-Butylbenzene	ND	ug/Kg	0.5	0.1200	0.01	09/07/05
Tertiary-amyl methyl ether	ND	ug/Kg	0.5	0.1600	0.01	09/07/05
Tetrachloroethene	ND	ug/Kg	0.5	0.1600	0.01	09/07/05
Tetrahydrofuran	ND	ug/Kg	2.5	2.4000	0.01	09/07/05
Toluene	ND	ug/Kg	0.5	0.1000	0.01	09/07/05
trans-1,2-Dichloroethene	ND	ug/Kg	0.5	0.4000	0.01	09/07/05
trans-1,3-Dichloropropene	ND	ug/Kg	0.5	0.1200	0.01	09/07/05
Trichloroethene	ND	ug/Kg	0.5	0.1600	0.01	09/07/05
Trichlorofluoromethane	ND	ug/Kg	0.5	0.4000	0.01	09/07/05
Vinyl Acetate	ND	ug/Kg	2.5	0.4000	0.01	09/07/05
Vinyl Chloride	ND	ug/Kg	0.5	0.4000	0.01	09/07/05

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham
Client Sample ID: Trip Blank
Date Sampled: 09/02/05 00:00
Percent Solids: N/A
Initial Volume: 15
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0509034
ESS Laboratory Sample ID: 0509034-12
Sample Matrix: Solid
Analyst: RES

5035/8260B Volatile Organic Compounds / Methanol

Xylene O	ND	ug/Kg	0.5	0.1400	0.01	09/07/05
Xylene P,M	ND	ug/Kg	1.0	0.2000	0.01	09/07/05
Xylenes (Total)	ND	ug/Kg	3.0	0.6000		09/07/05

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*0.9 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*0.9 %*		*70-130*
Surrogate: Dibromofluoromethane	*0.9 %*		*70-130*
Surrogate: Toluene-d8	*0.9 %*		*70-130*

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
3050B/6000/7000 Total Metals										
Batch BI50213 - 3050B										
Blank										
Antimony	ND	6.7	mg/kg wet							
Arsenic	ND	0.3	mg/kg wet							
Beryllium	ND	0.07	mg/kg wet							
Cadmium	ND	0.67	mg/kg wet							
Chromium	ND	1.3	mg/kg wet							
Copper	ND	1.3	mg/kg wet							
Lead	ND	6.7	mg/kg wet							
Nickel	ND	1.3	mg/kg wet							
Selenium	ND	6.7	mg/kg wet							
Silver	ND	0.67	mg/kg wet							
Thallium	ND	0.3	mg/kg wet							
Zinc	ND	3.3	mg/kg wet							
LCS										
Antimony	30.9	6.7	mg/kg wet	33.3		93	80-120			
Arsenic	31.6	6.7	mg/kg wet	33.3		95	80-120			
Beryllium	3.14	0.07	mg/kg wet	3.33		94	80-120			
Cadmium	14.7	0.67	mg/kg wet	16.7		88	80-120			
Chromium	32.9	1.3	mg/kg wet	33.3		99	80-120			
Copper	32.9	1.3	mg/kg wet	33.3		99	80-120			
Lead	31.6	6.7	mg/kg wet	33.3		95	80-120			
Nickel	32.1	1.3	mg/kg wet	33.3		96	80-120			
Selenium	58.9	6.7	mg/kg wet	66.7		88	80-120			
Silver	15.7	0.67	mg/kg wet	16.7		94	80-120			
Thallium	33.6	6.7	mg/kg wet	33.3		101	80-120			
Zinc	31.0	3.3	mg/kg wet	33.3		93	80-120			
LCS Dup										
Antimony	30.9	6.7	mg/kg wet	33.3		93	80-120	0	20	
Arsenic	32.7	6.7	mg/kg wet	33.3		98	80-120	3	20	
Beryllium	3.16	0.07	mg/kg wet	3.33		95	80-120	1	20	
Cadmium	14.7	0.67	mg/kg wet	16.7		88	80-120	0	20	
Chromium	32.4	1.3	mg/kg wet	33.3		97	80-120	2	20	
Copper	33.0	1.3	mg/kg wet	33.3		99	80-120	0	20	
Lead	31.8	6.7	mg/kg wet	33.3		95	80-120	0.6	20	
Nickel	31.7	1.3	mg/kg wet	33.3		95	80-120	1	20	
Selenium	58.4	6.7	mg/kg wet	66.7		88	80-120	0	20	
Silver	15.8	0.67	mg/kg wet	16.7		95	80-120	0.6	20	
Thallium	34.4	6.7	mg/kg wet	33.3		103	80-120	2	20	
Zinc	30.6	3.3	mg/kg wet	33.3		92	80-120	1	20	
Duplicate **Source: 0509034-08**										
Antimony	ND	6.0	mg/kg dry		ND				35	
Arsenic	2.3	1.5	mg/kg dry		2.2			4	35	
Beryllium	0.119	0.06	mg/kg dry		0.11			8	35	
Cadmium	ND	0.60	mg/kg dry		0.05				35	
Chromium	10.7	1.2	mg/kg dry		8.1			28	35	

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
3050B/6000/7000 Total Metals										
Batch BI50213 - 3050B										
Copper	11.0	1.2	mg/kg dry		9.3			17	35	
Lead	3.90	6.0	mg/kg dry		3.2			20	35	
Nickel	5.82	1.2	mg/kg dry		5.7			2	35	
Selenium	ND	6.0	mg/kg dry		ND				35	
Silver	0.259	0.60	mg/kg dry		0.23			12	35	
Thallium	ND	1.5	mg/kg dry		ND				35	
Zinc	10.6	3.0	mg/kg dry		9.8			8	35	
Matrix Spike **Source: 0509034-08**										
Antimony	22.2	6.1	mg/kg dry	30.5	ND	73	75-125			+
Arsenic	31.5	6.1	mg/kg dry	30.5	2.2	96	75-125			
Beryllium	2.83	0.06	mg/kg dry	3.05	0.11	89	75-125			
Cadmium	12.6	0.61	mg/kg dry	15.3	0.05	82	75-125			
Chromium	38.7	1.2	mg/kg dry	30.5	8.1	100	75-125			+
Copper	41.3	1.2	mg/kg dry	30.5	9.3	105	75-125			
Lead	30.7	6.1	mg/kg dry	30.5	3.2	90	75-125			
Nickel	33.6	1.2	mg/kg dry	30.5	5.7	91	75-125			
Selenium	50.2	6.1	mg/kg dry	61.1	ND	82	75-125			
Silver	14.0	0.61	mg/kg dry	15.3	0.23	90	75-125			
Thallium	28.5	6.1	mg/kg dry	30.5	ND	93	75-125			
Zinc	38.9	3.1	mg/kg dry	30.5	9.8	95	75-125			
Reference										
Antimony	64.7	10.0	mg/kg wet	86.2		75	0-222.74			
Arsenic	156	25.0	mg/kg wet	146		107	79.45-120.55			
Beryllium	57.8	0.10	mg/kg wet	62.2		93	81.99-118.01			
Cadmium	81.0	1.00	mg/kg wet	91.9		88	81.5-118.61			
Chromium	160	2.0	mg/kg wet	176		91	78.41-121.59			
Copper	67.0	2.0	mg/kg wet	70.0		96	82.14-118			
Lead	62.3	10.0	mg/kg wet	68.1		91	80.62-119.38			
Nickel	76.6	2.0	mg/kg wet	84.0		91	81.55-118.45			
Selenium	65.6	10.0	mg/kg wet	73.0		90	75.48-124.38			
Silver	88.2	1.00	mg/kg wet	93.0		95	61.29-138.71			
Thallium	86.1	25.0	mg/kg wet	77.8		111	75.58-124.42			
Zinc	354	5.0	mg/kg wet	402		88	79.35-120.65			
Batch BI50214 - 7471A										
Blank										
Mercury	ND	0.033	mg/kg wet							
LCS										
Mercury	0.186	0.033	mg/kg wet	0.200		93	80-120			
LCS Dup										
Mercury	0.186	0.033	mg/kg wet	0.200		93	80-120	0	20	
Duplicate **Source: 0509034-08**										
Mercury	ND	0.033	mg/kg dry		ND				35	
Matrix Spike **Source: 0509034-08**										
Mercury	0.198	0.036	mg/kg dry	0.215	ND	92	75-125			

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
3050B/6000/7000 Total Metals										
Batch BI50214 - 7471A										
Matrix Spike Dup **Source: 0509034-08**										
Mercury	0.191	0.035	mg/kg dry	0.212	ND	90	75-125	2	35	
Reference										
Mercury	1.46	0.333	mg/kg wet	1.77		82	68.36-132.2			
5035/8260B Volatile Organic Compounds / Methanol										
Batch BI50702 - 5035										
Blank										
1,1,1,2-Tetrachloroethane	ND	50.0	ug/Kg wet							
1,1,1-Trichloroethane	ND	50.0	ug/Kg wet							
1,1,2,2-Tetrachloroethane	ND	50.0	ug/Kg wet							
1,1,2-Trichloroethane	ND	50.0	ug/Kg wet							
1,1-Dichloroethane	ND	50.0	ug/Kg wet							
1,1-Dichloroethene	ND	50.0	ug/Kg wet							
1,1-Dichloropropene	ND	50.0	ug/Kg wet							
1,2,3-Trichlorobenzene	ND	50.0	ug/Kg wet							
1,2,3-Trichloropropane	ND	50.0	ug/Kg wet							
1,2,4-Trichlorobenzene	ND	50.0	ug/Kg wet							
1,2,4-Trimethylbenzene	ND	50.0	ug/Kg wet							
1,2-Dibromo-3-Chloropropane	ND	250	ug/Kg wet							
1,2-Dibromoethane	ND	50.0	ug/Kg wet							
1,2-Dichlorobenzene	ND	50.0	ug/Kg wet							
1,2-Dichloroethane	ND	50.0	ug/Kg wet							
1,2-Dichloropropane	ND	50.0	ug/Kg wet							
1,3,5-Trimethylbenzene	ND	50.0	ug/Kg wet							
1,3-Dichlorobenzene	ND	50.0	ug/Kg wet							
1,3-Dichloropropane	ND	50.0	ug/Kg wet							
1,4-Dichlorobenzene	ND	50.0	ug/Kg wet							
1,4-Dioxane - Screen	ND	5000	ug/Kg wet							
1-Chlorohexane	ND	50.0	ug/Kg wet							
2,2-Dichloropropane	ND	100	ug/Kg wet							
2-Butanone	ND	1250	ug/Kg wet							
2-Chlorotoluene	ND	50.0	ug/Kg wet							
2-Hexanone	ND	500	ug/Kg wet							
4-Chlorotoluene	ND	50.0	ug/Kg wet							
4-Isopropyltoluene	ND	50.0	ug/Kg wet							
4-Methyl-2-Pentanone	ND	500	ug/Kg wet							
Acetone	ND	1250	ug/Kg wet							
Benzene	ND	50.0	ug/Kg wet							
Bromobenzene	ND	50.0	ug/Kg wet							
Bromochloromethane	ND	50.0	ug/Kg wet							
Bromodichloromethane	ND	50.0	ug/Kg wet							
Bromoform	ND	50.0	ug/Kg wet							
Bromomethane	ND	100	ug/Kg wet							
Carbon Disulfide	ND	50.0	ug/Kg wet							

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Methanol										
Batch BI50702 - 5035										
Carbon Tetrachloride	ND	50.0	ug/Kg wet							
Chlorobenzene	ND	50.0	ug/Kg wet							
Chloroethane	ND	100	ug/Kg wet							
Chloroform	ND	50.0	ug/Kg wet							
Chloromethane	ND	50.0	ug/Kg wet							
cis-1,2-Dichloroethene	ND	50.0	ug/Kg wet							
cis-1,3-Dichloropropene	ND	50.0	ug/Kg wet							
Dibromochloromethane	ND	50.0	ug/Kg wet							
Dibromomethane	ND	50.0	ug/Kg wet							
Dichlorodifluoromethane	ND	50.0	ug/Kg wet							
Diethyl Ether	ND	50.0	ug/Kg wet							
Di-isopropyl ether	ND	50.0	ug/Kg wet							
Ethyl tertiary-butyl ether	ND	50.0	ug/Kg wet							
Ethylbenzene	ND	50.0	ug/Kg wet							
Hexachlorobutadiene	ND	50.0	ug/Kg wet							
Isopropylbenzene	ND	50.0	ug/Kg wet							
Methyl tert-Butyl Ether	ND	50.0	ug/Kg wet							
Methylene Chloride	ND	250	ug/Kg wet							
Naphthalene	ND	50.0	ug/Kg wet							
n-Butylbenzene	ND	50.0	ug/Kg wet							
n-Propylbenzene	ND	50.0	ug/Kg wet							
sec-Butylbenzene	ND	50.0	ug/Kg wet							
Styrene	ND	50.0	ug/Kg wet							
tert-Butylbenzene	ND	50.0	ug/Kg wet							
Tertiary-amyl methyl ether	ND	50.0	ug/Kg wet							
Tetrachloroethene	ND	50.0	ug/Kg wet							
Tetrahydrofuran	ND	250	ug/Kg wet							
Toluene	ND	50.0	ug/Kg wet							
trans-1,2-Dichloroethene	ND	50.0	ug/Kg wet							
trans-1,3-Dichloropropene	ND	50.0	ug/Kg wet							
Trichloroethene	ND	50.0	ug/Kg wet							
Trichlorofluoromethane	ND	50.0	ug/Kg wet							
Vinyl Acetate	ND	250	ug/Kg wet							
Vinyl Chloride	ND	50.0	ug/Kg wet							
Xylene O	ND	50.0	ug/Kg wet							
Xylene P,M	ND	100	ug/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*2570*		ug/Kg wet	*2500*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2420*		ug/Kg wet	*2500*		*97*	*70-130*			
Surrogate: Dibromofluoromethane	*2560*		ug/Kg wet	*2500*		*102*	*70-130*			
Surrogate: Toluene-d8	*2460*		ug/Kg wet	*2500*		*98*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	9.3		ug/L	10.0		93	70-130			
1,1,1-Trichloroethane	10.1		ug/L	10.0		101	70-130			
1,1,2,2-Tetrachloroethane	9.7		ug/L	10.0		97	70-130			
1,1,2-Trichloroethane	10.0		ug/L	10.0		100	70-130			
1,1-Dichloroethane	9.9		ug/L	10.0		99	70-130			

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Methanol										
Batch BI50702 - 5035										
1,1-Dichloroethene	9.8		ug/L	10.0		98	70-130			
1,1-Dichloropropene	10.8		ug/L	10.0		108	70-130			
1,2,3-Trichlorobenzene	10.5		ug/L	10.0		105	70-130			
1,2,3-Trichloropropane	9.4		ug/L	10.0		94	70-130			
1,2,4-Trichlorobenzene	9.3		ug/L	10.0		93	70-130			
1,2,4-Trimethylbenzene	9.6		ug/L	10.0		96	70-130			
1,2-Dibromo-3-Chloropropane	9.3		ug/L	10.0		93	70-130			
1,2-Dibromoethane	9.6		ug/L	10.0		96	70-130			
1,2-Dichlorobenzene	9.3		ug/L	10.0		93	70-130			
1,2-Dichloroethane	9.5		ug/L	10.0		95	70-130			
1,2-Dichloropropane	10.3		ug/L	10.0		103	70-130			
1,3,5-Trimethylbenzene	9.6		ug/L	10.0		96	70-130			
1,3-Dichlorobenzene	8.8		ug/L	10.0		88	70-130			
1,3-Dichloropropane	9.8		ug/L	10.0		98	70-130			
1,4-Dichlorobenzene	8.8		ug/L	10.0		88	70-130			
1,4-Dioxane - Screen	276		ug/L	200		138	70-130			+
1-Chlorohexane	9.2		ug/L	10.0		92	70-130			
2,2-Dichloropropane	10.6		ug/L	10.0		106	70-130			
2-Butanone	9.7		ug/L	10.0		97	70-130			
2-Chlorotoluene	9.1		ug/L	10.0		91	70-130			
2-Hexanone	10.2		ug/L	10.0		102	70-130			
4-Chlorotoluene	9.2		ug/L	10.0		92	70-130			
4-Isopropyltoluene	8.6		ug/L	10.0		86	70-130			
4-Methyl-2-Pentanone	12.5		ug/L	10.0		125	70-130			
Acetone	7.7		ug/L	10.0		77	70-130			
Benzene	10.3		ug/L	10.0		103	70-130			
Bromobenzene	8.9		ug/L	10.0		89	70-130			
Bromochloromethane	9.3		ug/L	10.0		93	70-130			
Bromodichloromethane	10.0		ug/L	10.0		100	70-130			
Bromoform	9.3		ug/L	10.0		93	70-130			
Bromomethane	9.0		ug/L	10.0		90	70-130			
Carbon Disulfide	10.6		ug/L	10.0		106	70-130			
Carbon Tetrachloride	9.9		ug/L	10.0		99	70-130			
Chlorobenzene	9.5		ug/L	10.0		95	70-130			
Chloroethane	9.7		ug/L	10.0		97	70-130			
Chloroform	10.4		ug/L	10.0		104	70-130			
Chloromethane	8.3		ug/L	10.0		83	70-130			
cis-1,2-Dichloroethene	9.8		ug/L	10.0		98	70-130			
cis-1,3-Dichloropropene	10.3		ug/L	10.0		103	70-130			
Dibromochloromethane	9.4		ug/L	10.0		94	70-130			
Dibromomethane	9.9		ug/L	10.0		99	70-130			
Dichlorodifluoromethane	6.2		ug/L	10.0		62	70-130			+
Diethyl Ether	10.1		ug/L	10.0		101	70-130			
Di-isopropyl ether	10.3		ug/L	10.0		103	70-130			
Ethyl tertiary-butyl ether	9.9		ug/L	10.0		99	70-130			
Ethylbenzene	9.4		ug/L	10.0		94	70-130			

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Methanol										
Batch BI50702 - 5035										
Hexachlorobutadiene	8.9		ug/L	10.0		89	70-130			
Isopropylbenzene	8.7		ug/L	10.0		87	70-130			
Methyl tert-Butyl Ether	9.8		ug/L	10.0		98	70-130			
Methylene Chloride	9.8		ug/L	10.0		98	70-130			
Naphthalene	9.1		ug/L	10.0		91	70-130			
n-Butylbenzene	9.0		ug/L	10.0		90	70-130			
n-Propylbenzene	9.2		ug/L	10.0		92	70-130			
sec-Butylbenzene	9.1		ug/L	10.0		91	70-130			
Styrene	10.1		ug/L	10.0		101	70-130			
tert-Butylbenzene	9.0		ug/L	10.0		90	70-130			
Tertiary-amyl methyl ether	9.9		ug/L	10.0		99	70-130			
Tetrachloroethene	9.9		ug/L	10.0		99	70-130			
Tetrahydrofuran	10.8		ug/L	10.0		108	70-130			
Toluene	9.6		ug/L	10.0		96	70-130			
trans-1,2-Dichloroethene	10.1		ug/L	10.0		101	70-130			
trans-1,3-Dichloropropene	10.1		ug/L	10.0		101	70-130			
Trichloroethene	10.0		ug/L	10.0		100	70-130			
Trichlorofluoromethane	9.0		ug/L	10.0		90	70-130			
Vinyl Acetate	10.0		ug/L	10.0		100	70-130			
Vinyl Chloride	9.2		ug/L	10.0		92	70-130			
Xylene O	9.9		ug/L	10.0		99	70-130			
Xylene P,M	19.7		ug/L	20.0		98	70-130			
Surrogate: 1,2-Dichloroethane-d4	*2460*		ug/Kg wet	*2500*		*98*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2450*		ug/Kg wet	*2500*		*98*	*70-130*			
Surrogate: Dibromofluoromethane	*2530*		ug/Kg wet	*2500*		*101*	*70-130*			
Surrogate: Toluene-d8	*2560*		ug/Kg wet	*2500*		*102*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	9.4		ug/L	10.0		94	70-130	1	20	
1,1,1-Trichloroethane	9.9		ug/L	10.0		99	70-130	2	20	
1,1,2,2-Tetrachloroethane	9.6		ug/L	10.0		96	70-130	1	20	
1,1,2-Trichloroethane	9.9		ug/L	10.0		99	70-130	1	20	
1,1-Dichloroethane	9.8		ug/L	10.0		98	70-130	1	20	
1,1-Dichloroethene	9.7		ug/L	10.0		97	70-130	1	20	
1,1-Dichloropropene	10.8		ug/L	10.0		108	70-130	0	20	
1,2,3-Trichlorobenzene	9.2		ug/L	10.0		92	70-130	13	20	
1,2,3-Trichloropropane	9.7		ug/L	10.0		97	70-130	3	20	
1,2,4-Trichlorobenzene	8.5		ug/L	10.0		85	70-130	9	20	
1,2,4-Trimethylbenzene	9.6		ug/L	10.0		96	70-130	0	20	
1,2-Dibromo-3-Chloropropane	8.9		ug/L	10.0		89	70-130	4	20	
1,2-Dibromoethane	9.6		ug/L	10.0		96	70-130	0	20	
1,2-Dichlorobenzene	9.4		ug/L	10.0		94	70-130	1	20	
1,2-Dichloroethane	9.6		ug/L	10.0		96	70-130	1	20	
1,2-Dichloropropane	10.0		ug/L	10.0		100	70-130	3	20	
1,3,5-Trimethylbenzene	9.6		ug/L	10.0		96	70-130	0	20	
1,3-Dichlorobenzene	8.8		ug/L	10.0		88	70-130	0	20	
1,3-Dichloropropane	9.8		ug/L	10.0		98	70-130	0	20	

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Methanol										
Batch BI50702 - 5035										
1,4-Dichlorobenzene	9.0		ug/L	10.0		90	70-130	2	20	
1,4-Dioxane - Screen	156		ug/L	200		78	70-130	56	20	+
1-Chlorohexane	9.1		ug/L	10.0		91	70-130	1	20	
2,2-Dichloropropane	10.4		ug/L	10.0		104	70-130	2	20	
2-Butanone	8.4		ug/L	10.0		84	70-130	14	20	
2-Chlorotoluene	9.0		ug/L	10.0		90	70-130	1	20	
2-Hexanone	9.7		ug/L	10.0		97	70-130	5	20	
4-Chlorotoluene	9.1		ug/L	10.0		91	70-130	1	20	
4-Isopropyltoluene	8.4		ug/L	10.0		84	70-130	2	20	
4-Methyl-2-Pentanone	10.1		ug/L	10.0		101	70-130	21	20	+
Acetone	9.2		ug/L	10.0		92	70-130	18	20	
Benzene	10.3		ug/L	10.0		103	70-130	0	20	
Bromobenzene	9.1		ug/L	10.0		91	70-130	2	20	
Bromochloromethane	9.5		ug/L	10.0		95	70-130	2	20	
Bromodichloromethane	10.0		ug/L	10.0		100	70-130	0	20	
Bromoform	9.2		ug/L	10.0		92	70-130	1	20	
Bromomethane	8.9		ug/L	10.0		89	70-130	1	20	
Carbon Disulfide	10.7		ug/L	10.0		107	70-130	0.9	20	
Carbon Tetrachloride	9.8		ug/L	10.0		98	70-130	1	20	
Chlorobenzene	9.2		ug/L	10.0		92	70-130	3	20	
Chloroethane	10.0		ug/L	10.0		100	70-130	3	20	
Chloroform	10.4		ug/L	10.0		104	70-130	0	20	
Chloromethane	8.1		ug/L	10.0		81	70-130	2	20	
cis-1,2-Dichloroethene	9.9		ug/L	10.0		99	70-130	1	20	
cis-1,3-Dichloropropene	10.3		ug/L	10.0		103	70-130	0	20	
Dibromochloromethane	9.6		ug/L	10.0		96	70-130	2	20	
Dibromomethane	9.9		ug/L	10.0		99	70-130	0	20	
Dichlorodifluoromethane	6.2		ug/L	10.0		62	70-130	0	20	+
Diethyl Ether	10.1		ug/L	10.0		101	70-130	0	20	
Di-isopropyl ether	10.4		ug/L	10.0		104	70-130	1	20	
Ethyl tertiary-butyl ether	10.0		ug/L	10.0		100	70-130	1	20	
Ethylbenzene	9.3		ug/L	10.0		93	70-130	1	20	
Hexachlorobutadiene	8.3		ug/L	10.0		83	70-130	7	20	
Isopropylbenzene	8.8		ug/L	10.0		88	70-130	1	20	
Methyl tert-Butyl Ether	9.8		ug/L	10.0		98	70-130	0	20	
Methylene Chloride	10.0		ug/L	10.0		100	70-130	2	20	
Naphthalene	8.1		ug/L	10.0		81	70-130	12	20	
n-Butylbenzene	8.7		ug/L	10.0		87	70-130	3	20	
n-Propylbenzene	9.0		ug/L	10.0		90	70-130	2	20	
sec-Butylbenzene	9.0		ug/L	10.0		90	70-130	1	20	
Styrene	10.1		ug/L	10.0		101	70-130	0	20	
tert-Butylbenzene	8.9		ug/L	10.0		89	70-130	1	20	
Tertiary-amyl methyl ether	9.8		ug/L	10.0		98	70-130	1	20	
Tetrachloroethene	9.7		ug/L	10.0		97	70-130	2	20	
Tetrahydrofuran	10.5		ug/L	10.0		105	70-130	3	20	
Toluene	9.7		ug/L	10.0		97	70-130	1	20	

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Methanol										
Batch BI50702 - 5035										
trans-1,2-Dichloroethene	10.1		ug/L	10.0		101	70-130	0	20	
trans-1,3-Dichloropropene	10.2		ug/L	10.0		102	70-130	1	20	
Trichloroethene	9.9		ug/L	10.0		99	70-130	1	20	
Trichlorofluoromethane	9.1		ug/L	10.0		91	70-130	1	20	
Vinyl Acetate	10.2		ug/L	10.0		102	70-130	2	20	
Vinyl Chloride	9.0		ug/L	10.0		90	70-130	2	20	
Xylene O	9.6		ug/L	10.0		96	70-130	3	20	
Xylene P,M	19.2		ug/L	20.0		96	70-130	2	20	
Surrogate: 1,2-Dichloroethane-d4	*2480*		ug/Kg wet	*2500*		*99*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2400*		ug/Kg wet	*2500*		*96*	*70-130*			
Surrogate: Dibromofluoromethane	*2580*		ug/Kg wet	*2500*		*103*	*70-130*			
Surrogate: Toluene-d8	*2520*		ug/Kg wet	*2500*		*101*	*70-130*			
8100M Total Petroleum Hydrocarbons										
Batch BI50606 - 3550B										
Blank										
Total Petroleum Hydrocarbons	ND	25.0	mg/kg wet							
Surrogate: O-Terphenyl	*2.58*		mg/kg wet	*3.33*		*77*	*40-140*			
LCS										
Total Petroleum Hydrocarbons	561	25.0	mg/kg wet	667		84	40-140			
Surrogate: O-Terphenyl	*3.21*		mg/kg wet	*3.33*		*96*	*40-140*			
LCS Dup										
Total Petroleum Hydrocarbons	575	25.0	mg/kg wet	667		86	40-140	2	50	
Surrogate: O-Terphenyl	*3.30*		mg/kg wet	*3.33*		*99*	*40-140*			
Batch BI50609 - 3510C										
Blank										
Total Petroleum Hydrocarbons	ND	0.20	mg/L							
Surrogate: O-Terphenyl	*0.0721*		mg/L	*0.100*		*72*	*40-140*			
LCS										
Total Petroleum Hydrocarbons	16.1	0.20	mg/L	20.0		80	40-140			
Surrogate: O-Terphenyl	*0.0854*		mg/L	*0.100*		*85*	*40-140*			
LCS Dup										
Total Petroleum Hydrocarbons	15.2	0.20	mg/L	20.0		76	40-140	6	25	
Surrogate: O-Terphenyl	*0.0775*		mg/L	*0.100*		*78*	*40-140*			
8260B Volatile Organic Compounds										
Batch BI50701 - 5030B										
Blank										
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L							
1,1,1-Trichloroethane	ND	1.0	ug/L							

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ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BI50701 - 5030B										
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
1,1-Dichloroethane	ND	1.0	ug/L							
1,1-Dichloroethene	ND	1.0	ug/L							
1,1-Dichloropropene	ND	1.0	ug/L							
1,2,3-Trichlorobenzene	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
1,2,4-Trichlorobenzene	ND	1.0	ug/L							
1,2,4-Trimethylbenzene	ND	1.0	ug/L							
1,2-Dibromo-3-Chloropropane	ND	5.0	ug/L							
1,2-Dibromoethane	ND	1.0	ug/L							
1,2-Dichlorobenzene	ND	1.0	ug/L							
1,2-Dichloroethane	ND	1.0	ug/L							
1,2-Dichloropropane	ND	1.0	ug/L							
1,3,5-Trimethylbenzene	ND	1.0	ug/L							
1,3-Dichlorobenzene	ND	1.0	ug/L							
1,3-Dichloropropane	ND	1.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
1,4-Dioxane - Screen	ND	500	ug/L							
1-Chlorohexane	ND	1.0	ug/L							
2,2-Dichloropropane	ND	1.0	ug/L							
2-Butanone	ND	25.0	ug/L							
2-Chlorotoluene	ND	1.0	ug/L							
2-Hexanone	ND	10.0	ug/L							
4-Chlorotoluene	ND	1.0	ug/L							
4-Isopropyltoluene	ND	1.0	ug/L							
4-Methyl-2-Pentanone	ND	10.0	ug/L							
Acetone	ND	25.0	ug/L							
Benzene	ND	1.0	ug/L							
Bromobenzene	ND	1.0	ug/L							
Bromochloromethane	ND	1.0	ug/L							
Bromodichloromethane	ND	1.0	ug/L							
Bromoform	ND	1.0	ug/L							
Bromomethane	ND	2.0	ug/L							
Carbon Disulfide	ND	1.0	ug/L							
Carbon Tetrachloride	ND	1.0	ug/L							
Chlorobenzene	ND	1.0	ug/L							
Chloroethane	ND	2.0	ug/L							
Chloroform	ND	1.0	ug/L							
Chloromethane	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	1.0	ug/L							
cis-1,3-Dichloropropene	ND	0.5	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
Dibromomethane	ND	1.0	ug/L							
Dichlorodifluoromethane	ND	2.0	ug/L							
Diethyl Ether	ND	1.0	ug/L							

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BI50701 - 5030B										
Di-isopropyl ether	ND	1.0	ug/L							
Ethyl tertiary-butyl ether	ND	1.0	ug/L							
Ethylbenzene	ND	1.0	ug/L							
Hexachlorobutadiene	ND	0.6	ug/L							
Isopropylbenzene	ND	1.0	ug/L							
Methyl tert-Butyl Ether	ND	1.0	ug/L							
Methylene Chloride	ND	5.0	ug/L							
Naphthalene	ND	1.0	ug/L							
n-Butylbenzene	ND	1.0	ug/L							
n-Propylbenzene	ND	1.0	ug/L							
sec-Butylbenzene	ND	1.0	ug/L							
Styrene	ND	1.0	ug/L							
tert-Butylbenzene	ND	1.0	ug/L							
Tertiary-amyl methyl ether	ND	1.0	ug/L							
Tetrachloroethene	ND	1.0	ug/L							
Tetrahydrofuran	ND	5.0	ug/L							
Toluene	ND	1.0	ug/L							
trans-1,2-Dichloroethene	ND	1.0	ug/L							
trans-1,3-Dichloropropene	ND	0.5	ug/L							
Trichloroethene	ND	1.0	ug/L							
Trichlorofluoromethane	ND	2.0	ug/L							
Vinyl Acetate	ND	5.0	ug/L							
Vinyl Chloride	ND	1.0	ug/L							
Xylene O	ND	1.0	ug/L							
Xylene P,M	ND	2.0	ug/L							
Surrogate: 1,2-Dichloroethane-d4	*24.6*		ug/L	*25.0*		*98*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*26.9*		ug/L	*25.0*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*26.0*		ug/L	*25.0*		*104*	*70-130*			
Surrogate: Toluene-d8	*25.4*		ug/L	*25.0*		*102*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	70-130			
1,1,1-Trichloroethane	10.1		ug/L	10.0		101	70-130			
1,1,2,2-Tetrachloroethane	10.4		ug/L	10.0		104	70-130			
1,1,2-Trichloroethane	10.5		ug/L	10.0		105	70-130			
1,1-Dichloroethane	9.3		ug/L	10.0		93	70-130			
1,1-Dichloroethene	10.0		ug/L	10.0		100	70-130			
1,1-Dichloropropene	10.1		ug/L	10.0		101	70-130			
1,2,3-Trichlorobenzene	11.2		ug/L	10.0		112	70-130			
1,2,3-Trichloropropane	9.8		ug/L	10.0		98	70-130			
1,2,4-Trichlorobenzene	10.1		ug/L	10.0		101	70-130			
1,2,4-Trimethylbenzene	10.2		ug/L	10.0		102	70-130			
1,2-Dibromo-3-Chloropropane	9.8		ug/L	10.0		98	70-130			
1,2-Dibromoethane	10.6		ug/L	10.0		106	70-130			
1,2-Dichlorobenzene	10.2		ug/L	10.0		102	70-130			
1,2-Dichloroethane	10.0		ug/L	10.0		100	70-130			
1,2-Dichloropropane	10.2		ug/L	10.0		102	70-130			

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CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BI50701 - 5030B										
1,3,5-Trimethylbenzene	10.2		ug/L	10.0		102	70-130			
1,3-Dichlorobenzene	9.7		ug/L	10.0		97	70-130			
1,3-Dichloropropane	10.6		ug/L	10.0		106	70-130			
1,4-Dichlorobenzene	9.8		ug/L	10.0		98	70-130			
1,4-Dioxane - Screen	522		ug/L	200		261	70-130			
1-Chlorohexane	9.6		ug/L	10.0		96	70-130			
2,2-Dichloropropane	10.2		ug/L	10.0		102	70-130			
2-Butanone	10.4		ug/L	10.0		104	70-130			
2-Chlorotoluene	10.4		ug/L	10.0		104	70-130			
2-Hexanone	10.6		ug/L	10.0		106	70-130			
4-Chlorotoluene	9.7		ug/L	10.0		97	70-130			
4-Isopropyltoluene	9.5		ug/L	10.0		95	70-130			
4-Methyl-2-Pentanone	9.6		ug/L	10.0		96	70-130			
Acetone	25.3		ug/L	10.0		253	70-130			+
Benzene	10.1		ug/L	10.0		101	70-130			
Bromobenzene	9.9		ug/L	10.0		99	70-130			
Bromochloromethane	9.9		ug/L	10.0		99	70-130			
Bromodichloromethane	10.4		ug/L	10.0		104	70-130			
Bromoform	10.3		ug/L	10.0		103	70-130			
Bromomethane	8.7		ug/L	10.0		87	70-130			
Carbon Disulfide	10.7		ug/L	10.0		107	70-130			
Carbon Tetrachloride	9.7		ug/L	10.0		97	70-130			
Chlorobenzene	10.2		ug/L	10.0		102	70-130			
Chloroethane	9.7		ug/L	10.0		97	70-130			
Chloroform	10.3		ug/L	10.0		103	70-130			
Chloromethane	8.4		ug/L	10.0		84	70-130			
cis-1,2-Dichloroethene	10.1		ug/L	10.0		101	70-130			
cis-1,3-Dichloropropene	10.3		ug/L	10.0		103	70-130			
Dibromochloromethane	11.1		ug/L	10.0		111	70-130			
Dibromomethane	10.4		ug/L	10.0		104	70-130			
Dichlorodifluoromethane	7.0		ug/L	10.0		70	70-130			
Diethyl Ether	10.4		ug/L	10.0		104	70-130			
Di-isopropyl ether	8.8		ug/L	10.0		88	70-130			
Ethyl tertiary-butyl ether	10.0		ug/L	10.0		100	70-130			
Ethylbenzene	10.3		ug/L	10.0		103	70-130			
Hexachlorobutadiene	9.6		ug/L	10.0		96	70-130			
Isopropylbenzene	9.4		ug/L	10.0		94	70-130			
Methyl tert-Butyl Ether	10.3		ug/L	10.0		103	70-130			
Methylene Chloride	10.5		ug/L	10.0		105	70-130			
Naphthalene	10.2		ug/L	10.0		102	70-130			
n-Butylbenzene	9.6		ug/L	10.0		96	70-130			
n-Propylbenzene	9.8		ug/L	10.0		98	70-130			
sec-Butylbenzene	9.8		ug/L	10.0		98	70-130			
Styrene	10.6		ug/L	10.0		106	70-130			
tert-Butylbenzene	9.8		ug/L	10.0		98	70-130			
Tertiary-amyl methyl ether	10.4		ug/L	10.0		104	70-130			

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BI50701 - 5030B										
Tetrachloroethene	10.0		ug/L	10.0		100	70-130			
Tetrahydrofuran	10.4		ug/L	10.0		104	70-130			
Toluene	10.2		ug/L	10.0		102	70-130			
trans-1,2-Dichloroethene	10.2		ug/L	10.0		102	70-130			
trans-1,3-Dichloropropene	10.3		ug/L	10.0		103	70-130			
Trichloroethene	10.0		ug/L	10.0		100	70-130			
Trichlorofluoromethane	9.3		ug/L	10.0		93	70-130			
Vinyl Acetate	9.1		ug/L	10.0		91	70-130			
Vinyl Chloride	8.9		ug/L	10.0		89	70-130			
Xylene O	10.4		ug/L	10.0		104	70-130			
Xylene P,M	21.1		ug/L	20.0		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	*22.9*		ug/L	*25.0*		*92*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*23.2*		ug/L	*25.0*		*93*	*70-130*			
Surrogate: Dibromofluoromethane	*23.3*		ug/L	*25.0*		*93*	*70-130*			
Surrogate: Toluene-d8	*24.1*		ug/L	*25.0*		*96*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	70-130	8	20	
1,1,1-Trichloroethane	10.6		ug/L	10.0		106	70-130	5	20	
1,1,2,2-Tetrachloroethane	11.5		ug/L	10.0		115	70-130	10	20	
1,1,2-Trichloroethane	11.7		ug/L	10.0		117	70-130	11	20	
1,1-Dichloroethane	11.3		ug/L	10.0		113	70-130	19	20	
1,1-Dichloroethene	10.7		ug/L	10.0		107	70-130	7	20	
1,1-Dichloropropene	10.9		ug/L	10.0		109	70-130	8	20	
1,2,3-Trichlorobenzene	11.0		ug/L	10.0		110	70-130	2	20	
1,2,3-Trichloropropane	10.7		ug/L	10.0		107	70-130	9	20	
1,2,4-Trichlorobenzene	9.9		ug/L	10.0		99	70-130	2	20	
1,2,4-Trimethylbenzene	11.0		ug/L	10.0		110	70-130	8	20	
1,2-Dibromo-3-Chloropropane	10.6		ug/L	10.0		106	70-130	8	20	
1,2-Dibromoethane	11.4		ug/L	10.0		114	70-130	7	20	
1,2-Dichlorobenzene	11.0		ug/L	10.0		110	70-130	8	20	
1,2-Dichloroethane	11.2		ug/L	10.0		112	70-130	11	20	
1,2-Dichloropropane	11.2		ug/L	10.0		112	70-130	9	20	
1,3,5-Trimethylbenzene	11.1		ug/L	10.0		111	70-130	8	20	
1,3-Dichlorobenzene	10.4		ug/L	10.0		104	70-130	7	20	
1,3-Dichloropropane	11.4		ug/L	10.0		114	70-130	7	20	
1,4-Dichlorobenzene	10.5		ug/L	10.0		105	70-130	7	20	
1,4-Dioxane - Screen	290		ug/L	200		145	70-130	57	20	+
1-Chlorohexane	9.9		ug/L	10.0		99	70-130	3	20	
2,2-Dichloropropane	10.7		ug/L	10.0		107	70-130	5	20	
2-Butanone	10.7		ug/L	10.0		107	70-130	3	20	
2-Chlorotoluene	11.3		ug/L	10.0		113	70-130	8	20	
2-Hexanone	10.9		ug/L	10.0		109	70-130	3	20	
4-Chlorotoluene	10.7		ug/L	10.0		107	70-130	10	20	
4-Isopropyltoluene	10.0		ug/L	10.0		100	70-130	5	20	
4-Methyl-2-Pentanone	12.9		ug/L	10.0		129	70-130	29	20	+
Acetone	16.4		ug/L	10.0		164	70-130	43	20	+

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BI50701 - 5030B										
Benzene	11.1		ug/L	10.0		111	70-130	9	20	
Bromobenzene	10.8		ug/L	10.0		108	70-130	9	20	
Bromochloromethane	11.0		ug/L	10.0		110	70-130	11	20	
Bromodichloromethane	11.2		ug/L	10.0		112	70-130	7	20	
Bromoform	11.0		ug/L	10.0		110	70-130	7	20	
Bromomethane	10.1		ug/L	10.0		101	70-130	15	20	
Carbon Disulfide	11.4		ug/L	10.0		114	70-130	6	20	
Carbon Tetrachloride	10.4		ug/L	10.0		104	70-130	7	20	
Chlorobenzene	10.9		ug/L	10.0		109	70-130	7	20	
Chloroethane	10.8		ug/L	10.0		108	70-130	11	20	
Chloroform	11.1		ug/L	10.0		111	70-130	7	20	
Chloromethane	9.2		ug/L	10.0		92	70-130	9	20	
cis-1,2-Dichloroethene	11.1		ug/L	10.0		111	70-130	9	20	
cis-1,3-Dichloropropene	11.6		ug/L	10.0		116	70-130	12	20	
Dibromochloromethane	11.8		ug/L	10.0		118	70-130	6	20	
Dibromomethane	11.5		ug/L	10.0		115	70-130	10	20	
Dichlorodifluoromethane	7.5		ug/L	10.0		75	70-130	7	20	
Diethyl Ether	11.7		ug/L	10.0		117	70-130	12	20	
Di-isopropyl ether	11.5		ug/L	10.0		115	70-130	27	20	+
Ethyl tertiary-butyl ether	11.1		ug/L	10.0		111	70-130	10	20	
Ethylbenzene	10.8		ug/L	10.0		108	70-130	5	20	
Hexachlorobutadiene	9.9		ug/L	10.0		99	70-130	3	20	
Isopropylbenzene	10.3		ug/L	10.0		103	70-130	9	20	
Methyl tert-Butyl Ether	11.5		ug/L	10.0		115	70-130	11	20	
Methylene Chloride	11.7		ug/L	10.0		117	70-130	11	20	
Naphthalene	10.3		ug/L	10.0		103	70-130	1	20	
n-Butylbenzene	10.2		ug/L	10.0		102	70-130	6	20	
n-Propylbenzene	10.4		ug/L	10.0		104	70-130	6	20	
sec-Butylbenzene	10.5		ug/L	10.0		105	70-130	7	20	
Styrene	11.0		ug/L	10.0		110	70-130	4	20	
tert-Butylbenzene	10.6		ug/L	10.0		106	70-130	8	20	
Tertiary-amyl methyl ether	11.2		ug/L	10.0		112	70-130	7	20	
Tetrachloroethene	10.3		ug/L	10.0		103	70-130	3	20	
Tetrahydrofuran	11.5		ug/L	10.0		115	70-130	10	20	
Toluene	10.9		ug/L	10.0		109	70-130	7	20	
trans-1,2-Dichloroethene	10.8		ug/L	10.0		108	70-130	6	20	
trans-1,3-Dichloropropene	11.4		ug/L	10.0		114	70-130	10	20	
Trichloroethene	10.9		ug/L	10.0		109	70-130	9	20	
Trichlorofluoromethane	9.9		ug/L	10.0		99	70-130	6	20	
Vinyl Acetate	11.8		ug/L	10.0		118	70-130	26	20	+
Vinyl Chloride	9.6		ug/L	10.0		96	70-130	8	20	
Xylene O	11.1		ug/L	10.0		111	70-130	7	20	
Xylene P,M	22.0		ug/L	20.0		110	70-130	4	20	
Surrogate: 1,2-Dichloroethane-d4	*23.4*		ug/L	*25.0*		*94*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*23.3*		ug/L	*25.0*		*93*	*70-130*			
Surrogate: Dibromofluoromethane	*23.5*		ug/L	*25.0*		*94*	*70-130*			

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BI50701 - 5030B										
Surrogate: Toluene-d8	*23.6*		ug/L	*25.0*		*94*	*70-130*			
8270C Polynuclear Aromatic Hydrocarbons										
Batch BI50607 - 3541										
Blank										
2-Methylnaphthalene	ND	333	ug/Kg wet							
Acenaphthene	ND	333	ug/Kg wet							
Acenaphthylene	ND	333	ug/Kg wet							
Anthracene	ND	333	ug/Kg wet							
Benzo(a)anthracene	ND	333	ug/Kg wet							
Benzo(a)pyrene	ND	167	ug/Kg wet							
Benzo(b)fluoranthene	ND	333	ug/Kg wet							
Benzo(g,h,i)perylene	ND	333	ug/Kg wet							
Benzo(k)fluoranthene	ND	333	ug/Kg wet							
Chrysene	ND	167	ug/Kg wet							
Dibenzo(a,h)Anthracene	ND	167	ug/Kg wet							
Fluoranthene	ND	333	ug/Kg wet							
Fluorene	ND	333	ug/Kg wet							
Indeno(1,2,3-cd)Pyrene	ND	333	ug/Kg wet							
Naphthalene	ND	333	ug/Kg wet							
Phenanthrene	ND	333	ug/Kg wet							
Pyrene	ND	333	ug/Kg wet							
Surrogate: 1,2-Dichlorobenzene-d4	*2480*		ug/Kg wet				*30-130*			
Surrogate: 2-Fluorobiphenyl	*2690*		ug/Kg wet				*30-130*			
Surrogate: Nitrobenzene-d5	*2470*		ug/Kg wet				*30-130*			
Surrogate: p-Terphenyl-d14	*3120*		ug/Kg wet				*30-130*			
LCS										
2-Methylnaphthalene	2630	333	ug/Kg wet	3330		79	40-140			
Acenaphthene	3220	333	ug/Kg wet	3330		97	40-140			
Acenaphthylene	2480	333	ug/Kg wet	3330		74	40-140			
Anthracene	3490	333	ug/Kg wet	3330		105	40-140			
Benzo(a)anthracene	3440	333	ug/Kg wet	3330		103	40-140			
Benzo(a)pyrene	3070	167	ug/Kg wet	3330		92	40-140			
Benzo(b)fluoranthene	2930	333	ug/Kg wet	3330		88	40-140			
Benzo(g,h,i)perylene	3890	333	ug/Kg wet	3330		117	40-140			
Benzo(k)fluoranthene	2820	333	ug/Kg wet	3330		85	40-140			
Chrysene	3490	167	ug/Kg wet	3330		105	40-140			
Dibenzo(a,h)Anthracene	3450	167	ug/Kg wet	3330		104	40-140			
Fluoranthene	3620	333	ug/Kg wet	3330		109	40-140			
Fluorene	3300	333	ug/Kg wet	3330		99	40-140			
Indeno(1,2,3-cd)Pyrene	3660	333	ug/Kg wet	3330		110	40-140			
Naphthalene	2530	333	ug/Kg wet	3330		76	40-140			
Phenanthrene	3400	333	ug/Kg wet	3330		102	40-140			
Pyrene	3450	333	ug/Kg wet	3330		104	40-140			
Surrogate: 1,2-Dichlorobenzene-d4	*3160*		ug/Kg wet				*30-130*			

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
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ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270C Polynuclear Aromatic Hydrocarbons										
Batch BI50607 - 3541										
Surrogate: 2-Fluorobiphenyl	*3470*		ug/Kg wet				*30-130*			
Surrogate: Nitrobenzene-d5	*2570*		ug/Kg wet				*30-130*			
Surrogate: p-Terphenyl-d14	*3650*		ug/Kg wet				*30-130*			
LCS Dup										
2-Methylnaphthalene	2540	333	ug/Kg wet	3330		76	40-140	4	30	
Acenaphthene	3100	333	ug/Kg wet	3330		93	40-140	4	30	
Acenaphthylene	2380	333	ug/Kg wet	3330		71	40-140	4	30	
Anthracene	3350	333	ug/Kg wet	3330		101	40-140	4	30	
Benzo(a)anthracene	3340	333	ug/Kg wet	3330		100	40-140	3	30	
Benzo(a)pyrene	2950	167	ug/Kg wet	3330		89	40-140	3	30	
Benzo(b)fluoranthene	3060	333	ug/Kg wet	3330		92	40-140	4	30	
Benzo(g,h,i)perylene	3710	333	ug/Kg wet	3330		111	40-140	5	30	
Benzo(k)fluoranthene	3310	333	ug/Kg wet	3330		99	40-140	15	30	
Chrysene	3350	167	ug/Kg wet	3330		101	40-140	4	30	
Dibenzo(a,h)Anthracene	3270	167	ug/Kg wet	3330		98	40-140	6	30	
Fluoranthene	3450	333	ug/Kg wet	3330		104	40-140	5	30	
Fluorene	3140	333	ug/Kg wet	3330		94	40-140	5	30	
Indeno(1,2,3-cd)Pyrene	3470	333	ug/Kg wet	3330		104	40-140	6	30	
Naphthalene	2440	333	ug/Kg wet	3330		73	40-140	4	30	
Phenanthrene	3270	333	ug/Kg wet	3330		98	40-140	4	30	
Pyrene	3310	333	ug/Kg wet	3330		99	40-140	5	30	
Surrogate: 1,2-Dichlorobenzene-d4	*2930*		ug/Kg wet				*30-130*			
Surrogate: 2-Fluorobiphenyl	*3290*		ug/Kg wet				*30-130*			
Surrogate: Nitrobenzene-d5	*2410*		ug/Kg wet				*30-130*			
Surrogate: p-Terphenyl-d14	*3420*		ug/Kg wet				*30-130*			
Matrix Spike **Source: 0509034-04**										
2-Methylnaphthalene	2710	363	ug/Kg dry	3630	ND	75	40-140			
Acenaphthene	3460	363	ug/Kg dry	3630	ND	95	40-140			
Acenaphthylene	2610	363	ug/Kg dry	3630	ND	72	40-140			
Anthracene	3770	363	ug/Kg dry	3630	ND	104	40-140			
Benzo(a)anthracene	3780	363	ug/Kg dry	3630	ND	104	40-140			
Benzo(a)pyrene	3350	182	ug/Kg dry	3630	ND	92	40-140			
Benzo(b)fluoranthene	3320	363	ug/Kg dry	3630	ND	91	40-140			
Benzo(g,h,i)perylene	4220	363	ug/Kg dry	3630	ND	116	40-140			
Benzo(k)fluoranthene	5080	363	ug/Kg dry	3630	ND	140	40-140			
Chrysene	3770	182	ug/Kg dry	3630	ND	104	40-140			
Dibenzo(a,h)Anthracene	3720	182	ug/Kg dry	3630	ND	102	40-140			
Fluoranthene	3860	363	ug/Kg dry	3630	ND	106	40-140			
Fluorene	3570	363	ug/Kg dry	3630	ND	98	40-140			
Indeno(1,2,3-cd)Pyrene	3960	363	ug/Kg dry	3630	ND	109	40-140			
Naphthalene	2610	363	ug/Kg dry	3630	ND	72	40-140			
Phenanthrene	3690	363	ug/Kg dry	3630	ND	102	40-140			
Pyrene	3760	363	ug/Kg dry	3630	ND	104	40-140			
Surrogate: 1,2-Dichlorobenzene-d4	*3280*		ug/Kg dry				*30-130*			
Surrogate: 2-Fluorobiphenyl	*3640*		ug/Kg dry				*30-130*			

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270C Polynuclear Aromatic Hydrocarbons										
Batch BI50607 - 3541										
Surrogate: Nitrobenzene-d5	*2600*		ug/Kg dry				*30-130*			
Surrogate: p-Terphenyl-d14	*3980*		ug/Kg dry				*30-130*			
Matrix Spike Dup Source: 0509034-04										
2-Methylnaphthalene	2490	348	ug/Kg dry	3490	ND	71	40-140	5	30	
Acenaphthene	3080	348	ug/Kg dry	3490	ND	88	40-140	8	30	
Acenaphthylene	2360	348	ug/Kg dry	3490	ND	68	40-140	6	30	
Anthracene	3480	348	ug/Kg dry	3490	ND	100	40-140	4	30	
Benzo(a)anthracene	3580	348	ug/Kg dry	3490	ND	103	40-140	1	30	
Benzo(a)pyrene	3210	175	ug/Kg dry	3490	ND	92	40-140	0	30	
Benzo(b)fluoranthene	2980	348	ug/Kg dry	3490	ND	85	40-140	7	30	
Benzo(g,h,i)perylene	4030	348	ug/Kg dry	3490	ND	115	40-140	0.9	30	
Benzo(k)fluoranthene	3150	348	ug/Kg dry	3490	ND	90	40-140	43	30	+
Chrysene	3600	175	ug/Kg dry	3490	ND	103	40-140	1	30	
Dibenzo(a,h)Anthracene	3550	175	ug/Kg dry	3490	ND	102	40-140	0	30	
Fluoranthene	3670	348	ug/Kg dry	3490	ND	105	40-140	0.9	30	
Fluorene	3240	348	ug/Kg dry	3490	ND	93	40-140	5	30	
Indeno(1,2,3-cd)Pyrene	3780	348	ug/Kg dry	3490	ND	108	40-140	0.9	30	
Naphthalene	2410	348	ug/Kg dry	3490	ND	69	40-140	4	30	
Phenanthrene	3450	348	ug/Kg dry	3490	ND	99	40-140	3	30	
Pyrene	3570	348	ug/Kg dry	3490	ND	102	40-140	2	30	
Surrogate: 1,2-Dichlorobenzene-d4	*2890*		ug/Kg dry				*30-130*			
Surrogate: 2-Fluorobiphenyl	*3280*		ug/Kg dry				*30-130*			
Surrogate: Nitrobenzene-d5	*2370*		ug/Kg dry				*30-130*			
Surrogate: p-Terphenyl-d14	*3720*		ug/Kg dry				*30-130*			
Batch BI50703 - 3550B										
Blank										
2-Methylnaphthalene	ND	333	ug/Kg wet							
Acenaphthene	ND	333	ug/Kg wet							
Acenaphthylene	ND	333	ug/Kg wet							
Anthracene	ND	333	ug/Kg wet							
Benzo(a)anthracene	ND	333	ug/Kg wet							
Benzo(a)pyrene	ND	167	ug/Kg wet							
Benzo(b)fluoranthene	ND	333	ug/Kg wet							
Benzo(g,h,i)perylene	ND	333	ug/Kg wet							
Benzo(k)fluoranthene	ND	333	ug/Kg wet							
Chrysene	ND	167	ug/Kg wet							
Dibenzo(a,h)Anthracene	ND	167	ug/Kg wet							
Fluoranthene	ND	333	ug/Kg wet							
Fluorene	ND	333	ug/Kg wet							
Indeno(1,2,3-cd)Pyrene	ND	333	ug/Kg wet							
Naphthalene	ND	333	ug/Kg wet							
Phenanthrene	ND	333	ug/Kg wet							
Pyrene	ND	333	ug/Kg wet							
Surrogate: 1,2-Dichlorobenzene-d4	*3520*		ug/Kg wet	*3330*		*106*	*30-130*			

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Dependability • Quality • Service

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270C Polynuclear Aromatic Hydrocarbons										
Batch BI50703 - 3550B										
Surrogate: 2-Fluorobiphenyl	*3910*		ug/Kg wet	*3330*		*117*	*30-130*			
Surrogate: Nitrobenzene-d5	*3340*		ug/Kg wet	*3330*		*100*	*30-130*			
Surrogate: p-Terphenyl-d14	*3840*		ug/Kg wet	*3330*		*115*	*30-130*			
LCS										
2-Methylnaphthalene	2540	333	ug/Kg wet	3330		76	40-140			
Acenaphthene	3120	333	ug/Kg wet	3330		94	40-140			
Acenaphthylene	2440	333	ug/Kg wet	3330		73	40-140			
Anthracene	3350	333	ug/Kg wet	3330		101	40-140			
Benzo(a)anthracene	3500	333	ug/Kg wet	3330		105	40-140			
Benzo(a)pyrene	3070	167	ug/Kg wet	3330		92	40-140			
Benzo(b)fluoranthene	2920	333	ug/Kg wet	3330		88	40-140			
Benzo(g,h,i)perylene	3750	333	ug/Kg wet	3330		113	40-140			
Benzo(k)fluoranthene	2720	333	ug/Kg wet	3330		82	40-140			
Chrysene	3530	167	ug/Kg wet	3330		106	40-140			
Dibenzo(a,h)Anthracene	3390	167	ug/Kg wet	3330		102	40-140			
Fluoranthene	3530	333	ug/Kg wet	3330		106	40-140			
Fluorene	3240	333	ug/Kg wet	3330		97	40-140			
Indeno(1,2,3-cd)Pyrene	3610	333	ug/Kg wet	3330		108	40-140			
Naphthalene	2450	333	ug/Kg wet	3330		74	40-140			
Phenanthrene	3300	333	ug/Kg wet	3330		99	40-140			
Pyrene	3440	333	ug/Kg wet	3330		103	40-140			
Surrogate: 1,2-Dichlorobenzene-d4	*2880*		ug/Kg wet	*3330*		*86*	*30-130*			
Surrogate: 2-Fluorobiphenyl	*3200*		ug/Kg wet	*3330*		*96*	*30-130*			
Surrogate: Nitrobenzene-d5	*2330*		ug/Kg wet	*3330*		*70*	*30-130*			
Surrogate: p-Terphenyl-d14	*3480*		ug/Kg wet	*3330*		*105*	*30-130*			
LCS Dup										
2-Methylnaphthalene	2480	333	ug/Kg wet	3330		74	40-140	3	30	
Acenaphthene	3060	333	ug/Kg wet	3330		92	40-140	2	30	
Acenaphthylene	2340	333	ug/Kg wet	3330		70	40-140	4	30	
Anthracene	3310	333	ug/Kg wet	3330		99	40-140	2	30	
Benzo(a)anthracene	3370	333	ug/Kg wet	3330		101	40-140	4	30	
Benzo(a)pyrene	2960	167	ug/Kg wet	3330		89	40-140	3	30	
Benzo(b)fluoranthene	3040	333	ug/Kg wet	3330		91	40-140	3	30	
Benzo(g,h,i)perylene	3630	333	ug/Kg wet	3330		109	40-140	4	30	
Benzo(k)fluoranthene	3500	333	ug/Kg wet	3330		105	40-140	25	30	
Chrysene	3360	167	ug/Kg wet	3330		101	40-140	5	30	
Dibenzo(a,h)Anthracene	3250	167	ug/Kg wet	3330		98	40-140	4	30	
Fluoranthene	3420	333	ug/Kg wet	3330		103	40-140	3	30	
Fluorene	3160	333	ug/Kg wet	3330		95	40-140	2	30	
Indeno(1,2,3-cd)Pyrene	3470	333	ug/Kg wet	3330		104	40-140	4	30	
Naphthalene	2390	333	ug/Kg wet	3330		72	40-140	3	30	
Phenanthrene	3250	333	ug/Kg wet	3330		98	40-140	1	30	
Pyrene	3350	333	ug/Kg wet	3330		101	40-140	2	30	
Surrogate: 1,2-Dichlorobenzene-d4	*2860*		ug/Kg wet	*3330*		*86*	*30-130*			
Surrogate: 2-Fluorobiphenyl	*3140*		ug/Kg wet	*3330*		*94*	*30-130*			

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270C Polynuclear Aromatic Hydrocarbons										
Batch BI50703 - 3550B										
Surrogate: Nitrobenzene-d5	*2300*		ug/Kg wet	*3330*		*69*	*30-130*			
Surrogate: p-Terphenyl-d14	*3450*		ug/Kg wet	*3330*		*104*	*30-130*			

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

Notes and Definitions

J	Reported between 2xMDL and MRL; Estimated value.
+	Outside QC Limits.
ND	Analyte NOT DETECTED above the detection limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
mg/kg	Results reported as wet weight
TCLP	Toxicity Characteristic Leachate Procedure
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
TIC	A forward library search of the NBS Mass Spectral Library was performed on this sample using the McLafferty Probability Base Matching (PBM) Algorithm. An estimated concentration of non-TCL compounds tentatively identified is quantified by the internal standard method. The nearest internal standard free of interferences was used to quantify. A response factor of one was assumed. This search was inclusive of the ten largest peaks greater than ten percent of the nearest internal standard.
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery

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ESS Laboratory

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CERTIFICATE OF ANALYSIS

Client Name: EA Engineering, Science, and Technology
Client Project ID: Gorham

ESS Laboratory Work Order: 0509034

ESS LABORATORY CERTIFICATIONS

U.S. Army Corps of Engineers
Soil and Water

Navy Installation Restoration QA Program
Soil and Water

Rhode Island: A-179

Connecticut: PH-0750

Maine: RI002

Massachusetts: M-RI002

New Hampshire (NELAP): 242405
Potable Water
Non Potable Water

New York (NELAP): 11313
Potable Water
Non Potable Water
Solid and Hazardous Waste

United States Department of Agriculture
Soil Permit: S-54210

New Jersey (NELAP): RI002
Potable Water
Non Potable Water
Soil and Harzardous Waste

Maryland: 301
Potable Water

Pennsylvania: 68-934, 68-1752

ESS Laboratory

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185 Frances Avenue, Cranston, RI 02910-2211
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CHAIN OF CUSTODY

Page 1 of 2

Turn Time ___ Standard Other ___
If faster than 5 days, prior approval by laboratory is required # 48hrs

Reporting Limits: ~~RI~~ RIDEM

ESS LAB PROJECT ID: 0509034

State where samples were collected from:
MA (RI) CT NH NJ NY ME Other ___

Electronic Deliverable ✓ Yes ___ No

Is this project for any of the following:
MA-MCP Navy USACE Other ___

Format: Excel ___ Access ___ PDF ✓ Other ___

Co. Name	Project #	Project Name (20 Char. or less)
ESS EA Engineering	69650.1	Gorham

Contact Person	Address
Peter Hamer	2350 Post Rd

City	State	Zip	PO#
Warwick	RI	02886	

Telephone #	Fax #	Email Address
401-736-3140	401-736-3423	pgrivers@eastca

Circle and/or Write Required Analysis

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	8260 VOA 524.2 624 MTBE	8021 MTBE/BTEX	VPH w/targets 8015 GRO	8100 TPH	8015 DRO EPH 4 Diesel	EPH w/PAHs	8081 Pesticides	608 Pesticides 608 PCB	8270 SVOA 625 PAH 8270	RCRA5 RCRA8 PP13 TAL23	TCLP-RCRA8 NBC7	MCP-METALS (13) MCP-METALS (13) w/Hg					
1	9-2-05	1002		X	S	Post LRAWP 1	1,6,9	3	V/G	X			X					X	X							
2		1030				Post LRAWP 2																				
3		1115				Post LRAWP 3																				
4		1208				Post LRAWP 4																				
5		1240				Post LRAWP 5																				
6		1:27				Post LRAWP 6																				
7		4:00				Post LRAWP 7																				
8		4:30			V	Post LRAWP 8	V	V	V	V			V					V	V							
9		3.40		V	GW	LRAWP 6	2	4	V/G	X			X													
10	V	4:00		V	GW	LRAWP 7	2	4	V/G	X			X													

Container Type: P-Poly G-Glass S-Sterile V-VOA | Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ✓ Yes ___ No Internal Use Only

Seals Intact ___ Yes ___ No NA: ___ [ ] Pickup

Cooler Temp: 5.3 [ ] Technicians ___

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- DI water

Sampled by: Peter Hamer

Comments: Please make MDLs as low as practically possible

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Peter Hamer	9-2-05 6:08	Davis	9-2-05 8:08				

By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Page 2 of 2

Turn Time ___ Standard Other 48 hrs
If faster than 5 days, prior approval by laboratory is required #

Reporting Limits RDL-M

ESS LAB PROJECT ID 0509034

State where samples were collected from:
MA (RI) CT NH NJ NY ME Other

Electronic Deliverable ✓ Yes ___ No

Is this project for any of the following:
MA-MCP Navy USACE Other

Format: Excel ___ Access ___ PDF ✓ Other

Co. Name	Project #	Project Name (20 Char. or less)
EA	6196501	Gorham

Contact Person	Address
Peter Rivers	2350 Post Rd

City	State	Zip	PO#
Warwick	RI	02886	

Telephone #	Fax #	Email Address
401-736-3440	401-736-3123	pgrivers@eastern.com

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	8260 VOA 624	524.2	VPH w/targets	8015 GRO	8021 MTBE/BTEX	8015 DRO	8100 TPH	EPH 4 Diesel	EPH w/PAHs	EPH w/o PAHs	608 PCB	608 Pesticides	8082 PCB	8081 Pesticides	PAH 8270	8270 SVOA	625	TAL23	PP13	RCRA8	RCRA5	NBC7	TCLP-RCRA8	MCP-METALS (13) w/Hg	MCP-METALS (13)
11	9-2-05					Low Level ~~Trip~~ Blank	9	1	V	X																									
12	9-2-05					MeOH Trip Blank	6	1	V	X																											

Container Type: P-Poly G-Glass S-Sterile V-VOA | Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ✓ Yes ___ No Internal Use Only

Seals Intact ___ Yes ___ No NA: ___ [ ] Pickup

Cooler Temp: 5.3 [ ] Technicians ___

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- IR

Sampled by:

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	9/2/05 6:08	[signature]	9-2-05 18:08				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
		[signature]					

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt