SLAG REMOVAL ACTION SUMMARY REPORT

FORMER GORHAM MANUFACTURING SITE
333 ADELAIDE AVENUE
PROVIDENCE, RHODE ISLAND

SEPTEMBER 2006

MACTEC

MACTEC

engineering and constructing a better tomorrow

September 29, 2006

Mr. Joe Martella
Rhode Island Department of Environmental Management
Office of Waste Management
235 Promenade Street
Providence, Rhode Island 02908

RE: Submittal of Slag Removal Summary Report
Former Gorham Manufacturing Facility
33 Adelaide Avenue
Providence, RI
MACTEC PN: 3650050041.02

Dear Mr. Martella:

MACTEC Engineering and Consulting, Inc. (MACTEC) is providing, on behalf of Textron, Inc., the Slag Removal Summary Report in accordance with the Superior Court Consent Order dated March 29, 2006 and Section 11 of the Remediation Regulations. We have enclosed three copies of the report; one set has a full set of the laboratory analytical data presented in Appendix D, while the two other copies include the laboratory data in pdf form on a compact disk. We have also enclosed a compact disk containing the full Slag Removal Summary Report in pdf form.

This summary report documents the removal of the metal debris and slag material from the site for off-site disposal. Following the excavation of the slag material confirmatory soil samples were collected. This data was provided to Rhode Island Department of Environmental Management (RIDEM) to support the backfill and restoration of the site. On August 15, 2006 RIDEM notified Textron and MACTEC via email to stop backfilling until the extent of slag removal could be confirmed. A meeting has been scheduled for October 4, 2006 with RIDEM to resolve these outstanding issues. Once these issues have been resolved, Textron will proceed with the site restoration activities. These remaining activities will be documented in an addendum letter at the completion of the removal action.

Please feel free to contact either Greg Simpson, Textron (401-457-2635), or myself (781-245-6606) if you have any questions regarding the enclosed Slag Removal Summary Report and we look forward to our meeting on October 4, 2006 at RIDEM.

Sincerely,
MACTEC Engineering and Consulting, Inc.

David E. Heislein
Project Manager

Daron Kurkjian by amw with permission
Daron Kurkjian
Project Engineer

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Enclosures: Slag Removal Summary Report, September 2006 (3 copies and 1 CD)

cc: Senator Juan Pichardo, District 2 (1 copy)
Representative Thomas Slater, (1 copy)
Thomas Deller, City of Providence (1 copy)
Peter Grivers, EA Engineering, Science and Technology, Inc. (1 electronic copy)
Greg Simpson, Textron, Inc. (electronic copy)
David McCabe, Textron, Inc. (electronic copy)
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MACTEC Project Files [P/W2/Textron/Gorham/Slag Removal/Summary Report/Cover Letter 092906.doc]

SLAG REMOVAL ACTION SUMMARY REPORT

FORMER GORHAM MANUFACTURING FACILITY
333 ADELAIDE AVENUE
PROVIDENCE, RHODE ISLAND

Prepared for:

Textron, Inc.
40 Westminster Street
Providence, Rhode Island 02903

Prepared by:

MACTEC Engineering and Consulting, Inc.
107 Audubon Road
Wakefield, Massachusetts 01880

MACTEC Project Number: 3650050041.02

SEPTEMBER 2006

Reviewed and Approved by:

9/29/06

Daron Kurkjian **Date**
Project Engineer

9/29/06

David E. Heislein **Date**
Project Manager

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LIST OF ACRONYMS

AL	Action Level
cy	cubic yard
GPS	global positioning system
MACTEC	MACTEC Engineering and Consulting, Inc.
MCE	Mixed Cellulose Ester
mg/m^3	milligrams per cubic meter
mg/kg	milligrams per kilogram
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PP	priority pollutant
ppm	parts per million
QA/QC	Quality Control/ Quality Assurance
RCRA	Resource Conservation and Recovery Act
Remediation Regulations	Remediation of Hazardous Materials Releases
RIDEM	Rhode Island Department of Environmental Management
SVOC	semi-volatile organic compound
TCLP	Toxicity Characteristic Leaching Procedure
Textron	Textron, Inc.
TPH	Total Petroleum Hydrocarbons
UCLs	Upper Concentration Limits
XRF	X-ray fluorescence

1. INTRODUCTION

This Slag Removal Summary Report describes remedial actions undertaken at the Former Gorham Manufacturing Facility located at 333 Adelaide Avenue, Providence, Rhode Island. This Report has been prepared pursuant to Section 11.0 (Remedial Action) of the State of Rhode Island Department of Environmental Management (RIDEM) Rules and Regulations for the Investigation and Remediation of Hazardous Materials Releases (hereafter referred to as the Remediation Regulations) on behalf of Textron, Inc. (Textron) by MACTEC Engineering and Consulting, Inc. (MACTEC). The location and general footprint of the former manufacturing facility are shown on Figure 1.

Gorham Silver manufactured silver flatware and bronze statues and other products at the Facility from 1890 to 1986. Slag material from a former smelting operation was identified at the Site and sampled as part of prior site investigations. The slag had unique physical properties that made it readily distinguishable from surrounding fill and native soils. The slag was black to brown, blocky, vitreous and was mainly made up of chunks from two (2) to eight (8) inches in size. Some finer and some larger pieces were encountered but over ¾ of the materials encountered were of the 2 to 8-inch size. Analytical results from slag samples were compared to Upper Concentration Limits (UCLs) per Rule 8.07 of the Remediation Regulations. The UCL for any hazardous substance in soil, except for Total Petroleum Hydrocarbons (TPH), is 10,000 parts per million (ppm). Concentrations of lead exceeded the lead UCLs.

A Superior Court Consent Order (Consent Order) dated March 29, 2006 between RIDEM and the City of Providence required the removal of the "so-called slag pile" from the Site. The slag area was addressed in Section 1.0: Removal Actions of the Consent Order. In addition, the City was required to remove metal debris approximately located on the upland portions of Parcel C and/or D, behind Parcel B. Based on a 1994 agreement between the City of Providence and Textron, Textron agreed to conduct the removal of the so-called slag pile and metal debris for off-site disposal. The Consent Order contained an additional removal requirement for piles of material including soil, solid waste and demolition debris from behind the Stop & Shop Supermarket, which is being addressed directly by the City and not detailed in this submission.

This report summarizes the removal activities including metal debris removal, site preparation, slag excavation and off-site transport and disposal, confirmatory soil sampling, and site

restoration. As specified in the Consent Order, this summary report has been submitted to RIDEM prior to the September 29, 2006 deadline.

2. WORK ACTIVITIES CONDUCTED

As required by the Consent Order, the metal debris and the "so-called slag pile" were removed from the Site. A MACTEC Slag Removal Work Plan detailing the planned removal activities was submitted to RIDEM on May 28, 2006. On June 2, 2006, RIDEM responded to the Slag Removal Work Plan with review comments in a letter. This section of the report describes these removal activities at the Site.

2.1 METAL DEBRIS REMOVAL

Scattered miscellaneous metal debris was identified at select locations on Parcel D and along the property boundary with Parcels B and C. In addition, a rusted metal fence running from north to south across the slag pile existed at the Site. A 30 cubic yard (cy) container was placed inside the school construction fence near the gate in the northeast corner of Parcel B. This container was used to store metal debris collected from Parcel D for off-site disposal.

Metal debris was catalogued by MACTEC prior to disposal. This log included the debris's global positioning system (GPS) coordinates and photographs of each item prior to and following removal. MACTEC documented the type of material (e.g., car door, chain link fence, etc.) and quantity of material removed from each location. Metal debris was loaded into the container and removed for off-site disposal. Table 1 presents the log for the metal debris removal activities. Approximate locations of removed metal debris are presented in Figure 2. Photographs of before and after removals are included in Appendix A.

2.2 SITE PREPARATION – SLAG REMOVAL

On May 26, 2006, site preparation activities began at the Site for removal of the slag. These activities included the installation of erosion control measures approved by RIDEM, preparation of the slag stockpile area and a loading pad. Erosion controls included the installation of hay bales and silt fences surrounding the slag area to the west, east, and north along the edge of Mashapaug Cove. To the south and upgradient of the slag area, hay bales were placed where not obstructing Site access to the slag pile.

The slag area was located along a steep bank of Mashapaug Cove. The slag area was wooded with small trees and vegetation. These small trees and vegetation on the slag pile were cleared and loaded into roll-offs for off-site disposal.

A construction haul road was graded using existing site soil to enable equipment to safely traverse the slope to the south of the slag area. A front-loader and excavator were used in the grading of the haul road. This haul road was extended up the bank and included a loading area for tractor-trailer trucks to load slag material. Further grading was conducted to allow for safe entry and exit of trucks through the school construction gate. Polyethylene sheeting was placed on the loading pad area and at the bottom of the stockpile area. Polyethylene sheeting was also used to cover stockpiles and was secured at the close of each day.

In addition to upland excavation, excavation within Mashapaug Cove adjacent to the so-called slag pile required the installation of silt curtains and sorbent booms. The installed silt curtain was 200 feet in length and formed a protective semi-circle out from the shore and submerged area of the slag pile. Booms were placed within the semi-circle of silt curtain to absorb and contain any petroleum sheens that may have become exposed from excavation activities (i.e., equipment). Site photographs included as Appendix B document the configuration of engineering controls.

2.2.1 Abandonment of GZA-5

Monitoring well GZA-5 was located within the slag pile. The removal of slag around the monitoring well would leave the well unsalvageable as the slag fully encompassed the well screen. Per RIDEM's request, a groundwater sample was collected from the well on June 6, 2006 to document groundwater concentrations in the well prior to well removal. Results from this sampling event are included on attached Table 2.

On June 29, 2006, excavation activities had removed slag and soil around the steel riser of GZA-5. Excavation activities had brought the ground level to the screen interval of GZA-5. As such, surface water and precipitation infiltration into the well could not be prevented, making the well useless for monitoring of groundwater.

GZA-5 was excavated and removed from the Site. The steel riser was added to the metal debris roll-off and the PVC screen and riser disposed of. Standard well decommissioning was not required as the entire well was excavated out of the slag area and no part of it remained to be grouted. No opening remained in the area of the well as the excavation disturbed and

redistributed the saturated sand around the well bottom. This monitoring well will be replaced by Textron as part of the site restoration activities.

2.3 SLAG EXCAVATION & TRANSPORT AND DISPOSAL

2.3.1 Health & Safety Controls & Monitoring

Dust monitoring was performed at the Site on field personnel involved in the actual slag excavation. Perimeter monitoring also provided assurances that nearby residential populations and retail operations were not impacted by the slag excavation.

Dust suppression was performed throughout the removal activities and included the spraying of water over the exposed soils on the dirt roadway and in the slag stockpile. A 250-gallon tote was filled daily with municipal water and sprayed on the Site to suppress dust. Precipitation in the months of June and July was also steady and frequent supporting the dust suppression activities at the Site. Air monitoring was not performed on rainy days per manufacturer specification and laboratory guidance.

Dust monitoring was performed during times of disturbance to surface soils. MACTEC conducted perimeter monitoring with TSI DusTRAK monitors in environmental enclosures, which are cases designed to protect the logging unit from precipitation. The monitors measured aerosol dust concentrations and logged the data for four points outside and within 30 feet of the excavation (North, South, East, and West). The analytical results of the samples collected from these monitoring stations were below the laboratory reporting limits in all but one case. Barium was detected in the south station sample at a concentration of 0.00027 milligrams per cubic meter (mg/m^3). This level is slightly above the lowest laboratory detection level of 0.0002 mg/m^3, but well below the Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) of 0.05 mg/m^3 and the OSHA Action Level (AL) of 0.03 mg/m^3.

In addition to analytical data, time weighted averages of total dust concentrations from perimeter monitoring stations ranged from a low of 0.003 mg/m^3 to a high of 0.076 mg/m^3. The OSHA provides PELs for particulates not otherwise regulated including aerosol dust. The PEL for total dust is 15 mg/m^3 for total dust and 5 mg/m^3 for respired. The detected levels are well below the PELs. These levels indicate that dust suppression activities were successful at the Site. It should be noted in times of strong wind, dust from the adjacent school construction site blew into the

slag removal area. The school construction site dirt roadways were frequently wetted to limit dust, but the entire construction site was not always wet. The ambient air monitoring data is presented in Table 3 and includes OSHA PELs.

In addition to perimeter monitoring around the excavation area, MACTEC used personal air monitors to measure particulate lead and other Resource Conservation and Recovery Act (RCRA-8) metal concentrations. The MACTEC field engineer, excavator operator, and laborer used personal air monitors with Mixed Cellulose Ester (MCE) air sampling filters. The samples were submitted for laboratory analysis of lead and RCRA-8 metals. No detections were identified at levels exceeding health criteria. Analytical results were below detection limits for the majority of samples collected. The highest concentration detected at the site was 0.0021 mg/m^3, well below the OSHA PEL of 0.05 mg/m^3 and the OSHA AL of 0.03 mg/m^3. The personal air monitoring analytical results are summarized in Table 4.

2.3.2 Excavation of Slag

Slag excavation activities began on June 7, 2006. A test-pit was conducted approximately 15 feet to the south of the shoreline to determine the depth of slag below the water table. The depth of slag was discovered to be four feet below the water table in the location of the test pit. Excavated slag was loaded from the excavator into the front loader. The front loader brought slag material to the stockpile. The stockpile was covered with polyethylene sheeting that was secured each workday. Slag was excavated based on visual characterization and soils in contact with slag were over-excavated.

Rhode Island permitted hazardous waste trucks transported the slag for off-site disposal. Each truck was loaded with approximately 13 to 15 cy of slag. The trucks had a 30 cy capacity but because of the high density of the slag, weight limits dictated the total volume each truck could legally transport. The slag was transported to Advanced Recycling Technologies, Inc., a licensed waste and recycling facility located in Chambersburg, Pennsylvania.

After the installation of the silt curtains and boom, test pitting and excavation were conducted approximately 20 feet into the Cove to delineate the northern extent of the slag. Pieces of slag were observed on the bottom surface of the Cove and were removed with the excavator. This underwater excavation yielded less than 3 cy of slag from the Cove bottom. Sediment was test-

pitted to determine the vertical extent of slag. Slag was not found in sediment within the 20-foot reach of the excavator.

An oval area of slag centered on GZA-5 with approximate dimension of 60 feet in the north-south axis and 40 feet in the east-west axis was anticipated to make up the slag area. This estimated area was based on surface deposits and limited historical borings performed in the area. The volume of slag to be removed was initially estimated to be between 800 and 1,200 cy. During the slag excavation, slag was discovered below the surface soils in an area extending approximately 40 feet east of the anticipated eastern extent. Refer to Figure 3 for a Site plan with the final extent of slag.

It was also discovered that the extent slag pile followed an inverted L-shape as presented in Figure 3. Slag was identified in an approximately 10 to 15 foot band to the approximately 20 feet north of the City Fence. Excavation of this band lead to the identification and excavation of slag deposits further east than anticipated. The depth of slag was up to 10 feet below the ground surface. Further test pitting was performed to delineate the eastern and southeastern extents of slag at the Site. MACTEC was able to define a western visible extent of slag. The southwestern extent of the slag was also defined through excavation and test pitting. Areas of fill consisting of loose brick and concrete were found co-mingled and abutting the slag area.

Test pits advanced delineated the eastern and southeastern extent of the slag pile. Test pits were advanced as west-to-east trenches starting in areas previously discovered to contain slag. Further clearing of trees and vegetation was required to advance the test pits and excavate slag.

Slag was identified and excavated under the new chain-link fence at the Site. The chain link fence was recently installed by the City of Providence completely around the Parcel D in accordance with the Consent Order. The fence provides additional security by restricting access to the slag removal area. As excavation activities required the excavation under the fence, it was rolled back and the fence posts were stockpiled for reinstallation at the completion of excavation activities. The removed fencing area was secured with construction fencing. This chain link fence will be reinstalled as part of restoration activities.

The total volume of slag excavated from the Site and transported in 86 truckloads as a hazardous waste to the Advanced Recycling Technologies, Inc. facility was approximately 1,100 to 1,300 cy (approximately 13 to 15 cy per truck). Approximately 15 cy of slag remained in the stockpile and was secured in a roll-off container, which was removed from the Site on September 28, 2006. Once signed weighed slips are provided to MACTEC, a total tonnage of excavated slag will be calculated and included in an addendum to this report. Please refer to Figure 3 for a plan of the excavation area. Confirmatory soil samples were collected on July 12, 13, and 14, 2006. A detailed description of the sampling and analytical results is presented in Section 2.3.3.

2.3.3 Confirmatory Sampling Results

On July 12, 2006, MACTEC began the collection of confirmatory samples from the completed sidewalls and bottoms of the excavation. Sidewall soils samples were collected within the 0' to 1' interval on excavation sidewalls. In areas where the sidewall were greater than 5 feet deep, two samples were collected from that location: one at the surface 0'-1' interval and one from an interval of 5'-6' from the surface. Samples were collected at approximately 15' intervals (horizontal) along the sidewalls. The bottom samples were also collected at approximately 15' intervals. In some submerged or unstable and unsafe areas, distances were visually estimated rather than measured. The excavator bucket was used to collect bottom samples from submerged and unstable sidewall areas of the excavation. Remaining soil samples were collected with stainless steel spoons. Approximate confirmatory sample locations are presented in Figure 3.

On July 12, 2006, nine (9) samples were collected and submitted to ESS Laboratory of Cranston, Rhode Island for analysis. On July 13th and 14th, 2006, twenty-four (24) and eighteen (18) confirmatory soil samples were collected respectively. A total of 51 confirmatory soil samples were submitted for laboratory analysis. As proposed by RIDEM in its response letter to the Slag Removal Work Plan dated June 2, 2006, the samples were submitted for semi-volatile organic compound (SVOC), priority pollutant (PP-13) metals, and TPH analysis. Table 5 provides a summary of the confirmatory soil sampling results. Shaded analytical results indicate exceedances of RIDEM Industrial/Commercial Direct Exposure Criteria (I/CDEC).

Confirmatory results indicated that lead levels for all samples were below the UCL. Two areas exceeded the copper UCL of 10,000 milligrams per kilogram (mg/kg). The concentration of copper in sidewall confirmatory samples exceeded the UCL in the location of SS-SI30 and SS-

SI31. No other UCL exceedances were identified for SVOCs, PP-13 metals, or TPH from the 51 collected samples. Nineteen (19) of the fifty-one (51) samples, as highlighted in Table 1 exceeded the RIDEM I/CDEC for one or more of the metals lead, arsenic and beryllium in soil. The samples SS-SI26, SS-SI30, SS-SI31, SS-SI33S100, SS-SI35S100, SS-SI36S105, SS-SI37S100, SS-SI37S105, SS-SI41B1, SS-SI44B1, SS-SI47B1, SS-SI49, SS-SI50, SS-SI51S100, SS-SI51S105, SS-SI52S100, SS-SI59, SS-SI60, SS-SI61S100, and SS-SI77B1 exceeded I/CDEC for lead (Figure 4). I/CDEC were also exceeded for one or more of the SVOCs Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Dibenz(a,h)anthracene, and Indeno(1,2,3-cd)pyrene and the metals in 31 sample location as denoted in Figure 5. None of these locations exceeded UCLs.

On August 14, 2006, MACTEC collected samples from under the former slag stockpile area to confirm that slag had been contained to the stockpile and properly excavated. Two confirmatory samples (SS-SI76B1 and SS-SI77B1) were collected from the 0' to 1' interval. Analytical results from these samples indicated no exceedance of UCLs. Soil sample SS-SI77B1 exceeded RIDEM I/CDEC for Benzo(a)pyrene and Lead.

Also on August 14, 2006, soils from the SS-SI30 and SS-SI31 locations were excavated to remove the copper UCL exceedances. MACTEC performed field-testing of copper concentrations in soils using an X-ray fluorescence (XRF) meter. Confirmatory samples were collected from the excavation sidewalls and bottom and submitted to ESS Laboratories for copper analysis. The confirmatory soil samples, including the north, south, east, west, bottom, and duplicate were named as SS-SI71W1, SS-SI72N1, SS-SI73B1, SS-SI73B1Dup, SS-SI74E1, and SS-SI75S1). These samples were below the applicable UCL for copper (10,000 mg/kg). Confirmatory sample results area presented in Table 5.

Approximately 12 cy of copper-impacted soil was excavated from the slag area sidewall and loaded into a roll-off for off-site disposal as hazardous waste. The impacted soil was transported to Clean Harbors, Braintree, MA hazardous waste facility for disposal. Figure 3 provides a graphical depiction of the area of this copper UCL excavation.

Three field duplicates were collected during the confirmatory soil sampling of the slag excavation. These duplicates were collected for quality control and quality assurance purposes (QA/QC). The results of the duplicate samples were consistent with the original sample.

2.4 SITE RESTORATION ACTIVITIES

Confirmatory soil sampling and follow-up excavation of UCL exceedances demonstrate that no additional UCL exceedances exist at the slag area excavation. Site restoration activities were coordinated with RIDEM based on laboratory results showing no additional UCLs at the slag area. MACTEC discussed the slag area site restoration approach with Mr. Chuck Horbert of RIDEM on August 3, 2006. Mr. Horbert verbally approved the restoration plan for the slag area including the use of stone to backfill submerged areas thereby restoring the initial Cove shore line. Soil meeting residential standards was to be used as backfill material to bring the site to grade. No imported soils have been used to backfill the excavation on the Site at this time. Mr. Horbert also recommended spreading a layer of hay over the clean backfill rather than seeding in the middle of summer. This surface area will be addressed as part of the soil cap to be constructed on the site.

On July 25, 2006, MACTEC submitted draft confirmatory soil sampling data to RIDEM as required by the Consent Order. MACTEC generated a summary table of this data from electronic copies of the data from ESS Laboratories. On August 8, 2006, MACTEC sent RIDEM an e-mail summarizing the findings of the confirmatory sampling and the plan to proceed with site restoration. The Industrial exceedances were noted and the proposed cap that addresses the Industrial exceedances across the Site was referenced.

On August 10, 2006, MACTEC received the validated data reports and sent RIDEM notification that two copper UCL exceedances were identified within the slag excavation area. MACTEC proposed the removal of these exceedances and the collection of confirmatory samples. Once analytical results indicated no additional UCL exceedances, restoration activities would begin.

On August 15, 2006, site restoration activities began following the receipt of analytical data from the excavation of soils exceeding the copper UCL. Eight (8) truckloads of rip-rap stone totaling approximately 160 CY was delivered to the Site. This material was placed in submerged areas of the excavation starting with the western most area of the excavation. The southeastern and eastern excavations areas were backfilled with native soils to reduce the steep grade and potential safety hazard at the Site.

Restoration activities continued until August 16, 2006 when notice from RIDEM was received regarding a question on the applicable removal criteria for the slag excavation. The remaining stone backfill was stockpiled onsite and the site was secured. This issue is still pending at the time of submission of this document. Restoration activities will be completed pending resolution of this matter.

On September 21, 2006, MACTEC personnel returned to the site to complete metal debris removal activities at the Site. Stockpiled metal debris was loaded into a roll-off for off-site recycling. A conventional oven discarded within a densely wooded and steeply sloped area of the Site approximately 150 feet from the former slag stockpile, was too heavy to safely remove and will be addressed during site restoration. The metal debris roll-off was transported from the Site on September 22, 2006.

As part of the metal debris removal activities, two 55-gallon drums were identified to be partially full of soil. One of the drums contained a white sandy soil. As a hazardous waste roll-off was on site, MACTEC loaded the white sandy soil into the roll-off for off-site disposal as hazardous waste. The second drum contained organic debris and soil that appeared to be impacted by black weathered petroleum. This material was also loaded into the hazardous waste roll-off. The first drum was removed and deposited in the metal debris roll-off. The second drum was wedged under a tree, ensnared in roots, and could not be dug out. The metal of the second drum that was above the surface was cut out with tin snips and bolt cutter and this section of the drum deposited into the metal debris roll-off. Stones and soil in the area of this drum were backfilled into the drum to limit the safety risk posed by an open depression with sharp rusted edges. No visible staining or evidence of a release from these two drum remnants was observed.

3. CONCLUSIONS

This report has been prepared in accordance with the Consent Order requirements and the Remediation Regulations and summarizes the excavation and removal activities of "so-called slag pile" and metal debris material at the site. More than 25 pieces of metal debris were removed from the site and transported as scrap metal.

The slag pile was excavated to visible extents of slag and over-excavated to include soil in contact with slag and confirmatory soil sampling conducted with all results below UCLs. Approximately 1,100 to 1,300 cy of slag was removed from the site and transported for off-site recycling. An addition 12 cy of soil from follow up excavation at the slag pile was transported to a hazardous waste landfill. Confirmatory samples from the excavation indicated exceedances of I/CDEC. As directed in a June 2, 2006, RIDEM letter response to the Slag Removal Work Plan these areas will be included in future capping for the Parcel D. Personal and ambient air monitoring and sampling during excavation activities exhibited concentrations well below the OSHA PEL and the OSHA AL.

Site restoration activities at the Site included the placement of approximately 360 CY of rip-rap stone beneath the water table. The eastern and southeastern excavation areas were backfilled with native soils and graded for safety reasons. The planned completion of restoration activities was stopped on August 16, 2006 per RIDEM email dated August 16, 2006, pending resolution of issues pertaining to the demonstration of completeness of the removal actions. MACTEC anticipates that restoration activities will be completed in accordance with the work plan and documented on a subsequent submittal to RIDEM once this matter is resolved.

On September 21, 2006, MACTEC completed the removal of metal debris and transported roll-offs off-site for disposal. An addendum to this report will summarize the future work activities around the former slag pile and will be submitted to RIDEM. The addendum will also include the total tonnage of excavated slag calculated from signed weight slips.

TABLES

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Table 1: Metal Debris Removal Tracking Sheet
Former Gorham Manufacturing Site
Providence, Rhode Island

Item Number	Description	Quantity	Location		Comments
			Latitute	Longitude	
1	Steel Pipe approximately 2" diameter and 3' long	1	41°47.778N	071°25.922W	None
2	Steel Pipe approximately 1" diamter and 8" long and a rusted filter housing	1 of each	41°47.747N	071°25.943W	None
3	Steel sink	1	41°47.765N	071°25.835W	None
4	30 gallon metal drum carcass (empty)	2	41°47.756N	071°25.845W	None
5	Washing machine lid	1	41°47.757N	071°25.850W	None
6	Top sink frame	1	41°47.767N	071°25.850W	None
7	1-55 gallon Drum carcass (empty) and front carpanel	1 each	41°47.757N	071°25.852W	None
8	4' section duct pipe	1	41°47.762N	071°25.857W	None
9	Piece of metal drum	1	41°47.760N	071°25.863W	None
10	Drum carcass	1	41°47.713N	071°25.948W	None
11	Metal pipe	1	41°47.796N	071°25.908W	None
12	Trash barrel	1	41°47.796N	071°25.859W	None

]

Item Number	Description	Quantity	Location		Comments
			Latitute	Longitude	
13	Sheet of Aluminun Foil (~12"x24")	1	41.79524°N	071.43243°W	None
14	Empty beer cans, top of a can	1 of each	41.79457°N	071.43249°W	None
15	Coke can, aerosol can	1 of each	41.79456°N	071.43227°W	None
16	Empty beer cans	2	41.79427°N	071.43209°W	None
17	Rusted pieces of fence post (4' sections)	4	41.79386°N	071.43220°W	None
18	Bent 20' length of fence post	1	41.79392°N	071.43239°W	None
19	Rusted sections of sign posts (8'-10')	6	41.79410°N	071.43207°W	None
20	Aerosol Paint Can	1	41.79410°N	071.43207°W	None
21	Empty beer Can	4	41.79614°N	071.43123°W	Li-ion Battery out of power
22	Propane container	1	41.79614°N	071.43091°W	Li-ion Battery out of power
23	Rusted muffler carcass	1	41.79605°N	071.43080°W	Li-ion Battery out of power
24	Rusted fence gate	1	41.79605°N	071.43068°W	Li-ion Battery out of power

]

Item Number	Description	Quantity	Location		Photo ID
			Latitute	Longitude	Before
25	Rusted computer body	1	41.79605°N	071.43068°W	Li-ion Battery out of power
26	Rusted 1' x 2' brace	1	41.79596°N	071.43070°W	Li-ion Battery out of power

Created by: DGK

Cheched by: DEH

Table 2
Monitoring Well GZA-5 Groundwater Analytical Results, June 2006
Slag Removal Action Summary Report
333 Adelaide Avenue
Providence, Rhode Island

Parameter	GA (mg/L)	GB (mg/L)	GZA-5 GZA-5 6/6/2006
Volatile Organics (mg/L)			
1,1,1,2-Tetrachloroethane			< 0.001
1,1,1-Trichloroethane	0.2	3.1	< 0.001
1,1,2,2-Tetrachloroethane			< 0.0005
1,1,2-Trichloroethane	0.005		< 0.001
1,1-Dichloroethane			< 0.001
1,1-Dichloroethene	0.007	0.007	< 0.001
1,1-Dichloropropene			< 0.002
1,2,3-Trichlorobenzene			< 0.001
1,2,3-Trichloropropane			< 0.001
1,2,4-Trichlorobenzene	0.07		< 0.001
1,2,4-Trimethylbenzene			< 0.001
1,2-Dibromo-3-chloropropane	0.0002	0.002	< 0.005
1,2-Dibromoethane	0.00005		< 0.001
1,2-Dichlorobenzene	0.6		< 0.001
1,2-Dichloroethane	0.005	0.11	< 0.001
1,2-Dichloropropane	0.005	3	< 0.001
1,3,5-Trimethylbenzene			< 0.001
1,3-Dichlorobenzene	0.6		< 0.001
1,3-Dichloropropane			< 0.001
1,4-Dichlorobenzene	0.075		< 0.001
1,4-Dioxane			< 0.5
1-Chlorohexane			< 0.001
2,2-Dichloropropane			< 0.001
2-Butanone			< 0.025
2-Chlorotoluene			< 0.001
2-Hexanone			< 0.01
4-Chlorotoluene			< 0.001
4-Isopropyltoluene			< 0.001
4-Methyl-2-pentanone			< 0.025
Acetone			< 0.025
Benzene	0.005	0.14	< 0.001
Bromobenzene			< 0.002
Bromochloromethane			< 0.001
Bromodichloromethane			< 0.001
Bromoform			< 0.001
Bromomethane			< 0.002
Carbon disulfide			< 0.001
Carbon tetrachloride	0.005	0.07	< 0.001
Chlorobenzene	0.1	3.2	< 0.001
Chloroethane			< 0.002
Chloroform			< 0.001
Chloromethane			< 0.002
cis-1,2-Dichloroethene	0.07	2.4	0.001
cis-1,3-Dichloropropene			< 0.0005
Dibromochloromethane			< 0.001
Dibromomethane			< 0.001
Dichlorodifluoromethane			< 0.002
Diethyl ether			< 0.001
Diisopropyl ether			< 0.001
Ethyl tertiary-butyl ether			< 0.001
Ethylbenzene	0.7	1.6	< 0.001
Hexachlorobutadiene			< 0.0006
Isopropylbenzene			< 0.001
Methyl tert-butyl ether	0.04	5	< 0.001

Table 2
Monitoring Well GZA-5 Groundwater Analytical Results, June 2006
Slag Removal Action Summary Report
333 Adelaide Avenue
Providence, Rhode Island

Parameter	GA (mg/L)	GB (mg/L)	GZA-5 GZA-5 6/6/2006
Methylene chloride	0.005		< 0.005
Naphthalene	0.02		< 0.001
n-Butylbenzene			< 0.001
n-Propylbenzene			< 0.001
sec-Butylbenzene			< 0.001
Styrene	0.1	2.2	< 0.001
tert-Butylbenzene			< 0.001
Tertiary-amyl methyl ether			< 0.001
Tetrachloroethene	0.005	0.15	0.0056
Tetrahydrofuran			< 0.005
Toluene	1	1.7	0.0023
trans-1,2-Dichloroethene	0.1	2.8	< 0.001
trans-1,3-Dichloropropene			< 0.0005
Trichloroethene	0.005	0.54	0.0399
Trichlorofluoromethane			0.011
Vinyl acetate			< 0.005
Vinyl chloride	0.002		< 0.001
Xylene, M&P-			< 0.002
Xylene, O-			< 0.001
Xylenes, Total	10		0.003
Inorganics (mg/L)			
Antimony	0.006		< 0.005
Arsenic			< 0.005
Barium	2		< 0.05
Beryllium	0.004		< 0.001
Cadmium	0.005		< 0.005
Chromium	0.1		< 0.02
Copper			< 0.02
Lead	0.015		0.0139
Mercury			< 0.0005
Nickel	0.1		< 0.05
Selenium	0.05		< 0.05
Silver			< 0.005
Thallium			< 0.002
Zinc			< 0.05

< - Compound not detected, value is detection limit.

mg/L - milligrams per liter

GA is the Rhode Island Remediation Regulations Groundwater Standard for groundwater suitable for drinking without treatment

GB is the Rhode Island Remediation Regulations Groundwater Standard for groundwater not suitable for drinking

Table 3: Summary of Ambient Air Monitoring Results
Former Gorham Manufacturing Site
Providence, Rhode Island

Analytical Ambient Air Monitoring Results

Sample Name	Date	Silver	Arsenic	Barium	Cadmium	Chromium	Selenium
		Concentration (mg/m^3)					
Blank Open	7/10/2006	NA	NA	NA	NA	NA	NA
Blank Closed	7/10/2006	NA	NA	NA	NA	NA	NA
East	7/10/2006	<0.007	<0.0004	<0.0002	<0.0002	<0.0002	<0.0004
West	7/10/2006	<0.007	<0.0004	<0.0002	<0.0002	<0.0002	<0.0004
South	7/10/2006	<0.006	<0.0004	0.00027	<0.0002	<0.0002	<0.0004

DustTRAK Continous Air Monitoring

Sample Name	Date	TWA*	Min	Max	OSHA Standards**	
					Total	Respired
		Concentration (mg/m^3)				
EAST	6/27/2006	0.018	0.01	0.038	15	5
	7/6/2006	0.017	0.022	0.047		
	7/7/2006	0.017	0.013	0.045		
	7/11/2006	0.076	0.075	0.077		
WEST	6/27/2006	0.003	0.009	0.275		
	6/30/2006	0.038	0.025	0.476		
	7/6/2006	0.01	0.019	0.861		
NORTH	6/27/2006	0.009	0.009	0.036		
	6/30/2006	0.033	0.033	0.079		
SOUTH	6/30/2006	0.008	0.014	0.075		
	7/6/2006	0.014	0.014	0.065		
	7/7/2006	0.012	0.008	0.035		
	7/10/2006	0.005	0.033	0.082		
	7/11/2006	0.013	0.046	0.278		

Notes:
* indicates Time-weighted average

** Occupational Health and Safety Administration: Particulates not otherwise regulated Permissible Exposure Limit (PELs)

mg/m^3 = milligrams per cubic meter

Created By: DGK
Checked By: DLC

Table 4: Summary of Personal Air Monitoring Results
Gorham Site
Providence, Rhode Island

Name	Date	Lead Concentration (mg/m3)	OSHA PEL	OSHA AL
Daron		<0.001	0.05	0.03
Jason	6/27/2006	0.00064		
Dan		0.0021		
Daron		<0.0008		
Jason	6/30/2006	<0.0008		
Al		<0.0008		
Daron		<0.0004		
Al	7/7/2006	<0.0006		
Randy		<0.0005		
Rob		<0.0004		
Randy	7/10/2006	0.00064		
Daron		<0.0005		
Randy		<0.0004		
Daron	7/11/2006	<0.0004		
Pete		0.00076		
Randy		<0.0006		
Pete	7/14/2006	<0.0006		
Daron		<0.0006		

Notes:

mg/m^3 = milligrams per cubic meter

OSHA PEL = Occupational Health and Safety Administration Permissible Exposure Limit

OSHA AL = Occupational Health and Safety Administration Action Level

Created By:	DGK
Checked By:	DLC

TABLE 5: SUMMARY OF CONFIRMATORY SOIL SAMPLES
FORMER SLAG AREA
FORMER GORHAM MANUFACTURING SITE
PROVIDENCE, RI

chemical_name	Frequency of Detection	Range of Non Detects	Range of Detected Concentrations	Average of Samples	Residential (ppm)	Industrial/ Commercial (ppm)	SS-SI26 7/12/2006 0-1ft	SS-SI27 7/12/2006 0-1ft	SS-SI28 7/12/2006 0-1ft	SS-SI29 7/12/2006 0-1ft	SS-SI30* 7/12/2006 0-1ft	SS-SI31* 7/12/2006 0-1ft	SS-SI32 7/12/2006 0-1ft	SS-SI33 S100 7/12/2006 0-1ft	SS-SI33 S105 7/12/2006 5-6ft	SS-SI34 B1 7/13/2006 1-2ft	SS-SI35 S100 7/13/2006 0-1ft	SS-SI35 S105 7/13/2006 5-6ft	SS-SI36 S100 7/13/2006 0-1ft	SS-SI36 S105 7/13/2006 5-6ft	SS-SI37 S100 7/13/2006 0-1ft	SS-SI37 S105 7/13/2006 5-6ft	SS-SI38 B1 7/13/2006 1-2ft
Semivolatile Organics (mg/kg)																							
1,1-Biphenyl	0 / 2	0.535 - 0.537		0.27	0.8	10000																	
1,2,4-Trichlorobenzene	0 / 2	0.535 - 0.537		0.27	96	10000																	
1,2-Dichlorobenzene	0 / 2	0.535 - 0.537		0.27	510	10000																	
1,3-Dichlorobenzene	0 / 2	0.535 - 0.537		0.27	430	10000																	
1,4-Dichlorobenzene	0 / 2	0.535 - 0.537		0.27	27	240																	
1-Methylnaphthalene	10 / 51	0.0271 - 0.675	0.0336 - 6.43	0.62	123	10000	<0.136	<0.0296	<0.595	<0.0272	<0.539	2.48	<0.591	4.24	<0.538	<0.0293	<0.585	<0.537	<0.535	0.946	<0.621	0.827	<0.0303
2,3,4,6-Tetrachlorophenol	0 / 2	2.67 - 2.69		1.3																			
2,4,5-Trichlorophenol	0 / 2	0.535 - 0.537		0.27	330	10000																	
2,4,6-Trichlorophenol	0 / 2	0.535 - 0.537		0.27	58	520																	
2,4-Dichlorophenol	0 / 2	0.535 - 0.537		0.27	30	6100																	
2,4-Dimethylphenol	0 / 2	0.535 - 0.537		0.27	1400	10000																	
2,4-Dinitrophenol	0 / 2	2.67 - 2.69		1.3	160	4100																	
2,4-Dinitrotoluene	0 / 2	0.535 - 0.537		0.27	0.9	8.4																	
2,6-Dinitrotoluene	0 / 2	0.535 - 0.537		0.27																			
2-Chloronaphthalene	0 / 2	0.535 - 0.537		0.27																			
2-Chlorophenol	0 / 2	0.535 - 0.537		0.27	50	10000																	
2-Methylnaphthalene	13 / 53	0.0271 - 0.675	0.0465 - 8.98	0.80	123	10000	<0.136	<0.0296	<0.595	<0.0272	<0.539	3.17	0.673	5.67	0.551	<0.0293	<0.585	<0.537	<0.535	1.31	0.807	1.11	<0.0303
2-Methylphenol	0 / 2	0.535 - 0.537		0.27																			
2-Nitroaniline	0 / 2	0.535 - 0.537		0.27																			
2-Nitrophenol	0 / 2	0.535 - 0.537		0.27																			
3,3'-Dichlorobenzidine	0 / 2	0.535 - 0.537		0.27	1.4	13																	
3Methylphenol	0 / 2	1.07 - 1.07		0.54																			
3-Nitroaniline	0 / 2	0.535 - 0.537		0.27																			
4,6-Dinitro-2-Methylphenol	0 / 2	2.67 - 2.69		1.3																			
4-Bromophenyl phenyl ether	0 / 2	0.535 - 0.537		0.27																			
4-Chloro-3-methylphenol	0 / 2	0.535 - 0.537		0.27																			
4-Chloroaniline	0 / 2	0.535 - 0.537		0.27	310	8200																	
4-Chlorophenyl phenyl ether	0 / 2	0.535 - 0.537		0.27																			
4-Nitroaniline	0 / 2	0.535 - 0.537		0.27																			
4-Nitrophenol	0 / 2	2.67 - 2.69		1.3																			
Acenaphthene	24 / 53	0.0271 - 0.675	0.0648 - 13.9	1.7	43	10000	<0.136	<0.0296	<0.595	<0.0272	0.656	6.76	1.97	11.6	1.97	<0.0293	<0.585	<0.537	2.02	2.46	2.61	3.73	<0.0303
Acenaphthylene	8 / 53	0.0271 - 0.675	0.567 - 6.04	0.66	23	10000	<0.136	<0.0296	<0.595	<0.0272	<0.539	<0.659	<0.591	3.8	<0.538	<0.0293	<0.585	<0.537	<0.535	0.567	<0.621	<0.574	<0.0303
Acetophenone	0 / 2	0.535 - 0.537		0.27																			
Aniline	0 / 2	0.535 - 0.537		0.27																			
Anthracene	38 / 53	0.0271 - 0.588	0.0334 - 34.9	4.2	35	10000	0.165	0.0391	0.995	0.0489	1.47	11.1	3.91	25.2	3.54	<0.0293	<0.585	0.582	3.68	3.79	4.73	6.43	<0.0303
Azobenzene	0 / 2	0.535 - 0.537		0.27																			
Benzo(a)anthracene	45 / 53	0.0292 - 0.535	0.0407 - 50	7.0	0.9	7.8	0.515	0.147	2.15	0.176	3.6	**21.6**	7.07	**47.9**	7.72	0.0434	1.02	1.42	7.76	6.69	**9.03**	**13**	<0.0303
Benzo(a)pyrene	44 / 53	0.0292 - 0.535	0.0446 - 48.4	6.5	0.4	0.8	0.534	0.152	**1.99**	0.177	**3.22**	**18.5**	**5.72**	**44.4**	**7.11**	0.0446	**1.01**	**1.39**	**6.51**	**6.2**	**7.65**	**11.8**	<0.0303
Benzo(b)fluoranthene	45 / 53	0.0292 - 0.0349	0.0463 - 42	6.5	0.9	7.8	0.765	0.218	2	0.182	4.09	**18.1**	7.53	**41.5**	**10.6**	0.0463	1.04	1.23	**8.99**	7.45	**10.1**	**11.2**	<0.0303
Benzo(g,h,i)perylene	39 / 53	0.0292 - 0.588	0.0396 - 23.1	2.6	0.8	10000	0.138	0.0414	0.66	0.0435	1.19	5.89	1.54	14.7	2.38	<0.0293	<0.585	0.587	2.14	1.98	2.83	4.77	<0.0303
Benzo(k)fluoranthene	34 / 53	0.0272 - 0.594	0.0405 - 46.4	4.1	0.9	78	<0.136	0.149	1.57	<0.0272	2.98	16.1	3.31	46.4	3.76	0.0405	0.744	1.15	5.27	2.98	7.08	9.19	<0.0303
Benzoic acid	0 / 2	2.67 - 2.69		1.3																			
Benzyl alcohol	0 / 2	0.535 - 0.537		0.27																			

TABLE 5: SUMMARY OF CONFIRMATORY SOIL SAMPLES
FORMER SLAG AREA
FORMER GORHAM MANUFACTURING SITE
PROVIDENCE, RI

chemical_name	Frequency of Detection	Range of Non Detects	Range of Detected Concentrations	Average of Samples	Residential (ppm)	Industrial/ Commercial (ppm)	SS-SI26 7/12/2006 0-1ft	SS-SI27 7/12/2006 0-1ft	SS-SI28 7/12/2006 0-1ft	SS-SI29 7/12/2006 0-1ft	SS-SI30* 7/12/2006 0-1ft	SS-SI31* 7/12/2006 0-1ft	SS-SI32 7/12/2006 0-1ft	SS-SI33 S100 7/12/2006 0-1ft	SS-SI33 S105 7/12/2006 5-6ft	SS-SI34 B1 7/13/2006 1-2ft	SS-SI35 S100 7/13/2006 0-1ft	SS-SI35 S105 7/13/2006 5-6ft	SS-SI36 S100 7/13/2006 0-1ft	SS-SI36 S105 7/13/2006 5-6ft	SS-SI37 S100 7/13/2006 0-1ft	SS-SI37 S105 7/13/2006 5-6ft	SS-SI38 B1 7/13/2006 1-2ft
Bis(2-chloroethoxy)methane	0 / 2	0.535 - 0.537		0.27																			
Bis(2-chloroethyl) ether	0 / 2	0.535 - 0.537		0.27	0.6	5.2																	
Bis(2-chloroisopropyl) ether	0 / 2	0.535 - 0.537		0.27	9.1	82																	
Bis(2-ethylhexyl) phthalate	0 / 2	0.535 - 0.537		0.27	46	410																	
Butylbenzyl phthalate	0 / 2	0.535 - 0.537		0.27																			
Carbazole	0 / 2	0.535 - 0.537		0.27																			
Chrysene	45 / 53	0.0292 - 0.535	0.0352 - 54.8	7.2	0.4	780	0.548	0.141	2.32	0.183	3.88	21.7	6.6	49.8	7.7	0.0422	1.09	1.53	7.78	6.58	8.71	13.7	<0.0303
Dibenz(a,h)anthracene	14 / 53	0.0271 - 0.675	0.0321 - 10.5	0.85	0.4	0.8	<0.136	<0.0296	<0.595	<0.0272	<0.539	<0.659	<0.591	**1.64**	<0.538	<0.0293	<0.585	<0.537	**0.968**	**1.03**	**1.17**	**2.09**	<0.0303
Dibenzofuran	0 / 2	0.535 - 0.537		0.27	160	4100																	
Diethyl phthalate	0 / 2	0.535 - 0.537		0.27	340	10000																	
Dimethyl phthalate	0 / 2	0.535 - 0.537		0.27	1900	10000																	
Di-n-butyl phthalate	0 / 2	0.535 - 0.537		0.27																			
Di-n-octyl phthalate	0 / 2	0.535 - 0.537		0.27																			
Fluoranthene	45 / 53	0.0292 - 0.535	0.0841 - 106	14	20	10000	1.29	0.386	4.54	0.338	6.62	49.5	16.9	105	15.4	0.0997	2.22	3.01	14.4	12.9	15.3	25	<0.0303
Fluorene	22 / 53	0.0271 - 0.675	0.0893 - 22.3	2.2	28	10000	<0.136	<0.0296	<0.595	<0.0272	0.686	7.04	2.1	14.8	2.23	<0.0293	<0.585	<0.537	1.99	2.87	2.78	3.85	<0.0303
Hexachlorobenzene	0 / 2	0.535 - 0.537		0.27	0.4	3.6																	
Hexachlorobutadiene	0 / 2	0.535 - 0.537		0.27	8.2	73																	
Hexachlorocyclopentadiene	0 / 2	2.67 - 2.69		1.3																			
Hexachloroethane	0 / 2	1.07 - 1.07		0.54	46	410																	
Indeno(1,2,3-cd)pyrene	39 / 53	0.0292 - 0.588	0.0415 - 16.1	2.1	0.9	7.8	0.147	0.042	0.73	0.0478	1.22	6.12	1.75	**16.1**	2.48	<0.0293	<0.585	0.614	2.31	2.1	2.94	4.93	<0.0303
Isophorone	0 / 2	0.535 - 0.537		0.27																			
Naphthalene	18 / 53	0.0271 - 0.675	0.0444 - 22	1.4	54	10000	<0.136	<0.0296	<0.595	<0.0272	<0.539	5.03	1.36	11	1.02	<0.0293	<0.585	<0.537	0.919	2.7	1.53	2.39	<0.0303
Nitrobenzene	0 / 2	0.535 - 0.537		0.27																			
N-Nitrosodimethylamine	0 / 2	0.535 - 0.537		0.27																			
N-Nitroso-di-n-propylamine	0 / 2	0.535 - 0.537		0.27																			
N-Nitrosodiphenylamine	0 / 2	0.535 - 0.537		0.27																			
Pentachlorophenol	0 / 2	2.67 - 2.69		1.3	5.3	48																	
Phenanthrene	45 / 53	0.0292 - 0.535	0.04 - 113	15	40	10000	0.738	0.194	3.9	0.249	6.21	56.6	17.1	101	14.8	0.0657	1.68	2.27	13.6	14.7	17.3	26.5	<0.0303
Phenol	0 / 2	0.535 - 0.537		0.27	6000	10000																	
Pyrene	44 / 53	0.0292 - 0.537	0.0643 - 90.4	9.3	13	10000	1.06	0.351	3.81	0.343	6.29	41.8	11.2	90.4	13	0.0686	1.78	<0.537	12.3	11.7	14.4	23	<0.0303
Pyridine	0 / 2	2.67 - 2.69		1.3																			
Inorganics (mg/kg)																							
Antimony	5 / 53	5.5 - 28.9	7.1 - 18.2	4.1	10	820	<28.9	<6.8	<6.8	<6.2	7.5	7.6	<6.5	<6.8	<6	<6.9	<6.2	<6.1	<6.3	<6	<6.8	<6.6	<7
Arsenic	41 / 53	1.4 - 7.2	1.5 - 16.4	4.0	7	7	<7.2	2.7	3.1	1.6	**7.2**	5.9	3.6	5.7	3.5	<1.7	3.1	3.1	6.7	3.3	5.9	**9.7**	<1.7
Barium	51 / 51		5.1 - 574	65	5500	10000	355	103	203	16.1	574	229	40.6	81.1	29.7	11.1	32.9	61.5	52.1	29.1	200	99.2	8.9
Beryllium	51 / 53	0.07 - 0.07	0.06 - 1.63	0.24	0.4	1.3	0.37	0.22	0.23	0.14	0.23	0.44	0.25	0.25	0.21	0.12	0.18	0.17	0.29	0.24	0.77	**1.63**	0.15
Cadmium	29 / 53	0.56 - 2.89	0.7 - 14.5	1.8	39	1000	<2.89	<0.68	1.83	<0.62	4.53	3.53	1.07	3	1.07	<0.69	0.7	0.81	7.76	1.13	4.88	7.13	<0.7
Chromium	53 / 53		2.1 - 349	39	390	10000	349	10.8	167	12.5	127	162	26.6	14.1	13.6	7.7	13	11.9	193	19.6	144	169	3.8
Copper	59 / 59		3 - 12400	1098	3100	10000	2320	132	3670	121	**12400**	**10800**	596	321	143	161	181	254	862	231	1680	2570	3.7
Lead	50 / 53	6.8 - 7.8	9.5 - 5580	774	150	500	**1740**	55.6	473	57	**1080**	**1440**	320	**698**	486	21	**579**	303	**2230**	**750**	**2540**	**2180**	9.5
Mercury	41 / 53	0.035 - 0.045	0.043 - 2.23	0.39	23	610	1.2	<0.037	0.916	0.337	0.43	1.06	0.2	1.03	0.085	0.412	2.23	0.216	0.636	0.202	0.567	0.543	<0.037
Nickel	48 / 53	3.4 - 3.9	4 - 357	38	1000	10000	61.1	5.4	42.7	5	97.1	85.7	21.9	22.5	14.7	11.9	23.8	30.4	52.5	19.8	82.6	75.4	<3.5
Selenium	0 / 53	5.5 - 28.9		3.5	390	10000	<28.9	<6.8	<6.8	<6.2	<6.2	<7.3	<6.5	<6.8	<6	<6.9	<6.2	<6.1	<6.3	<6	<6.8	<6.6	<7
Silver	47 / 53	0.67 - 0.78	1.42 - 223	58	200	10000	102	5.78	133	4	84.2	120	44.8	120	20.1	2.07	40.8	86.9	118	29.8	111	138	<0.7
Thallium	0 / 53	1.4 - 7.2		0.87			<7.2	<1.7	<1.7	<1.5	<1.5	<1.8	<1.6	<1.7	<1.5	<1.7	<1.5	<1.5	<1.6	<1.5	<1.7	<1.7	<1.7
Zinc	53 / 53		5.2 - 4900	493	6000	10000	492	72.8	1860	131	4900	3290	438	538	190	143	140	160	777	221	840	1020	8.8
TPH (mg/Kg)																							
Total Petroleum Hydrocarbon	38 / 53	37.7 - 51.1	45.6 - 943	212	500	2500	773	96	83.5	<43.5	199	207	329	928	222	<45.5	83.2	102	234	173	720	431	89.8

Shading indicates an exceedance of the Industrial / Commercial RI Direct Exposure Criteria.
* indicates sample excceded UCL for copper and was excavated on 8/14/2006.

TABLE 5: SUMMARY OF CONFIRMATORY SOIL SAMPLES
FORMER SLAG AREA
FORMER GORHAM MANUFACTURING SITE
PROVIDENCE, RI

chemical_name	SS-SI38 S1 DUP 7/13/2006 1-2ft	SS-SI39 B1 7/13/2006 2-3ft	SS-SI40 B1 7/13/2006 5-6ft	SS-SI41 B1 7/13/2006 1-2ft	SS-SI42 B1 7/13/2006 2-4ft	SS-SI42 DUP 7/13/2006 2-4ft	SS-SI43 B1 7/13/2006 2-4ft	SS-SI44 B1 7/13/2006 4-5ft	SS-SI45 B1 7/13/2006 3-5ft	SS-SI46 B1 7/13/2006 4-5ft	SS-SI47 B1 7/13/2006 2-3ft	SS-SI48 7/13/2006 0-1ft	SS-SI49 7/13/2006 0-1ft	SS-SI50 7/13/2006 0-1ft	SS-SI51 S100 7/13/2006 0-1ft	SS-SI51 S105 7/13/2006 5-6ft	SS-SI52 105 7/14/2006 0-1ft	SS-SI52 S100 7/14/2006 5-6ft	SS-SI53 100 7/14/2006 0-1ft	SS-SI53 105 7/14/2006 5-6ft	SS-SI54 S100 7/14/2006 0-1ft	SS-SI54 S105 7/14/2006 5-6ft	SS-SI55 B1 7/14/2006 1-2ft	SS-SI56 S100 7/14/2006 0-1ft	SS-SI56 S105 7/14/2006 5-6ft
Semivolatile Organics (mg/kg)																									
1,1-Biphenyl																									
1,2,4-Trichlorobenzene																									
1,2-Dichlorobenzene																									
1,3-Dichlorobenzene																									
1,4-Dichlorobenzene																									
1-Methylnaphthalene	<0.0298	<0.0303	0.0336	<0.0766	<0.0317	<0.0318	<0.0294	<0.675	<0.0292	<0.0302	<0.588	<0.0373	<0.558	<0.0305	2.74	1.78	4.36	<0.532	<0.527	<0.546	<0.573	<0.624	<0.515	<0.543	<0.0271
2,3,4,6-Tetrachlorophenol																									
2,4,5-Trichlorophenol																									
2,4,6-Trichlorophenol																									
2,4-Dichlorophenol																									
2,4-Dimethylphenol																									
2,4-Dinitrophenol																									
2,4-Dinitrotoluene																									
2,6-Dinitrotoluene																									
2-Chloronaphthalene																									
2-Chlorophenol																									
2-Methylnaphthalene	<0.0298	<0.0303	0.0465	<0.0766	<0.0317	<0.0318	<0.0294	<0.675	<0.0292	<0.0302	<0.588	<0.0373	<0.558	<0.0305	4.07	2.42	5.9	<0.532	<0.527	<0.546	<0.573	<0.624	<0.515	<0.543	<0.0271
2-Methylphenol																									
2-Nitroaniline																									
2-Nitrophenol																									
3,3'-Dichlorobenzidine																									
3Methylphenol																									
3-Nitroaniline																									
4,6-Dinitro-2-Methylphenol																									
4-Bromophenyl phenyl ether																									
4-Chloro-3-methylphenol																									
4-Chloroaniline																									
4-Chlorophenyl phenyl ether																									
4-Nitroaniline																									
4-Nitrophenol																									
Acenaphthene	<0.0298	<0.0303	0.104	0.135	<0.0317	<0.0318	<0.0294	<0.675	<0.0292	<0.0302	<0.588	0.0963	<0.558	<0.0305	9.92	7.37	13.9	0.55	0.63	<0.546	<0.573	<0.624	<0.515	0.618	<0.0271
Acenaphthylene	<0.0298	<0.0303	<0.0306	<0.0766	<0.0317	<0.0318	<0.0294	<0.675	<0.0292	<0.0302	<0.588	<0.0373	<0.558	<0.0305	3.28	<0.55	2.97	<0.532	<0.527	<0.546	<0.573	<0.624	<0.515	<0.543	<0.0271
Acetophenone																									
Aniline																									
Anthracene	<0.0298	0.0334	0.295	0.328	<0.0317	<0.0318	<0.0294	1.33	<0.0292	<0.0302	<0.588	0.222	1.22	0.0561	34.9	20.4	26.6	1.22	1.47	<0.546	<0.573	0.896	0.716	1.23	<0.0271
Azobenzene																									
Benzo(a)anthracene	<0.0298	0.0407	0.796	0.564	<0.0317	<0.0318	0.0441	2.54	<0.0292	<0.0302	0.789	0.743	2.88	0.167	**46.7**	**31.5**	**50**	3.47	3.63	1.72	1.12	3.95	0.994	4.45	0.117
Benzo(a)pyrene	<0.0298	<0.0303	0.791	0.444	<0.0317	<0.0318	0.0494	**2.67**	<0.0292	<0.0302	0.785	0.616	**2.84**	0.142	**39.7**	**26.5**	**48.4**	**3.55**	**3.74**	**2.21**	**1.14**	**4.94**	**0.843**	**4.44**	0.119
Benzo(b)fluoranthene	<0.0298	<0.0303	0.8	0.561	<0.0317	<0.0318	0.0529	2.5	<0.0292	<0.0302	0.656	0.922	3.52	0.138	**42**	**29.4**	**41.5**	4.12	4.92	2.82	0.982	6.32	0.708	5.43	0.103
Benzo(g,h,i)perylene	<0.0298	<0.0303	0.144	0.095	<0.0317	<0.0318	<0.0294	1.59	<0.0292	<0.0302	<0.588	0.122	1.11	0.0396	11.3	6.95	23.1	1.34	1.35	1.12	0.878	2.09	<0.515	1.85	0.0602
Benzo(k)fluoranthene	<0.0298	<0.0303	<0.0306	<0.0766	<0.0317	<0.0318	0.0471	1.34	<0.0292	<0.0302	<0.588	<0.0373	2.07	<0.0305	31.6	21.9	25.8	2.09	2.52	5.6	0.694	2.15	<0.515	2.59	0.0906
Benzoic acid																									
Benzyl alcohol																									

TABLE 5: SUMMARY OF CONFIRMATORY SOIL SAMPLES
FORMER SLAG AREA
FORMER GORHAM MANUFACTURING SITE
PROVIDENCE, RI

chemical_name	SS-SI38 S1 DUP 7/13/2006 1-2ft	SS-SI39 B1 7/13/2006 2-3ft	SS-SI40 B1 7/13/2006 5-6ft	SS-SI41 B1 7/13/2006 1-2ft	SS-SI42 B1 7/13/2006 2-4ft	SS-SI42 DUP 7/13/2006 2-4ft	SS-SI43 B1 7/13/2006 2-4ft	SS-SI44 B1 7/13/2006 4-5ft	SS-SI45 B1 7/13/2006 3-5ft	SS-SI46 B1 7/13/2006 4-5ft	SS-SI47 B1 7/13/2006 2-3ft	SS-SI48 7/13/2006 0-1ft	SS-SI49 7/13/2006 0-1ft	SS-SI50 7/13/2006 0-1ft	SS-SI51 S100 7/13/2006 0-1ft	SS-SI51 S105 7/13/2006 5-6ft	SS-SI52 105 7/14/2006 0-1ft	SS-SI52 S100 7/14/2006 5-6ft	SS-SI53 100 7/14/2006 0-1ft	SS-SI53 105 7/14/2006 5-6ft	SS-SI54 S100 7/14/2006 0-1ft	SS-SI54 S105 7/14/2006 5-6ft	SS-SI55 B1 7/14/2006 1-2ft	SS-SI56 S100 7/14/2006 0-1ft	SS-SI56 S105 7/14/2006 5-6ft
Bis(2-chloroethoxy)methane																									
Bis(2-chloroethyl) ether																									
Bis(2-chloroisopropyl) ether																									
Bis(2-ethylhexyl) phthalate																									
Butylbenzyl phthalate																									
Carbazole																									
Chrysene	<0.0298	0.0352	0.82	0.506	<0.0317	<0.0318	0.0447	2.75	<0.0292	<0.0302	0.874	0.782	3.05	0.159	49.7	32.1	54.8	3.7	3.74	1.85	1.16	4	1.04	4.42	0.11
Dibenz(a,h)anthracene	<0.0298	<0.0303	0.0526	<0.0766	<0.0317	<0.0318	<0.0294	<0.675	<0.0292	<0.0302	<0.588	0.053	<0.558	<0.0305	**6.08**	**3.67**	**10.5**	<0.532	<0.527	0.575	<0.573	<0.624	<0.515	<0.543	<0.0271
Dibenzofuran																									
Diethyl phthalate																									
Dimethyl phthalate																									
Di-n-butyl phthalate																									
Di-n-octyl phthalate																									
Fluoranthene	<0.0298	0.088	1.86	1.21	<0.0317	<0.0318	0.0841	5.93	<0.0292	<0.0302	2	1.5	5.36	0.257	106	65.9	93.6	7.14	6.41	2.93	2.43	5.69	2.18	6.69	0.205
Fluorene	<0.0298	<0.0303	0.14	0.165	<0.0317	<0.0318	<0.0294	<0.675	<0.0292	<0.0302	<0.588	0.104	<0.558	<0.0305	21.2	7.92	14.8	<0.532	0.636	<0.546	<0.573	<0.624	<0.515	<0.543	<0.0271
Hexachlorobenzene																									
Hexachlorobutadiene																									
Hexachlorocyclopentadiene																									
Hexachloroethane																									
Indeno(1,2,3-cd)pyrene	<0.0298	<0.0303	0.154	0.103	<0.0317	<0.0318	<0.0294	1.54	<0.0292	<0.0302	<0.588	0.133	1.11	0.0415	**13.2**	7.09	5.02	1.47	1.38	1.19	0.805	2.08	<0.515	1.94	0.0581
Isophorone																									
Naphthalene	<0.0298	<0.0303	0.12	0.191	<0.0317	<0.0318	<0.0294	<0.675	<0.0292	<0.0302	<0.588	<0.0373	<0.558	<0.0305	6.54	4.17	6.95	<0.532	<0.527	<0.546	<0.573	<0.624	<0.515	<0.543	<0.0271
Nitrobenzene																									
N-Nitrosodimethylamine																									
N-Nitroso-di-n-propylamine																									
N-Nitrosodiphenylamine																									
Pentachlorophenol																									
Phenanthrene	<0.0298	0.112	1.48	1.2	<0.0317	<0.0318	0.04	5.14	<0.0292	<0.0302	1.98	1.22	4.41	0.27	112	69.3	113	4.77	5.07	1.34	1.58	3.73	2.5	4.73	0.161
Phenol																									
Pyrene	<0.0298	0.0643	1.49	0.887	<0.0317	<0.0318	0.0665	5.18	<0.0292	<0.0302	1.65	1.32	5.36	0.275	84.3	54.8	4.07	6.12	5.93	2.71	2.05	5.8	1.72	6.3	0.251
Pyridine																									
Inorganics (mg/kg)																									
Antimony	<6.7	<7	<6.8	<12.5	<6.7	<6.7	<6.2	<7	<6.8	<6.9	18.2	<8.2	7.1	<6.9	<6.5	7.1	<6.1	<5.8	<6	<6.2	<6.2	<6.9	<5.9	<5.5	<5.6
Arsenic	<1.7	<1.7	<1.7	**16.4**	<1.7	<1.7	3.3	5	<1.7	<1.7	3.3	6.4	3.6	1.7	**10.8**	**8.1**	4.4	6.4	5.6	1.8	2.9	**13.3**	3.8	4.6	1.7
Barium	8	13.9	6.8	85.1	10.6	9.9	21.7	105	7.1	5.1	49.7	17	54.1	6.8	51	66	43.6	53	42.2	27.9	26	130	18.2	36.7	17.3
Beryllium	0.12	0.29	0.1	0.6	0.17	0.15	0.16	0.37	<0.07	<0.07	0.3	0.21	0.33	0.08	0.35	0.42	0.17	0.17	0.2	0.09	0.1	0.36	0.15	0.15	0.06
Cadmium	<0.67	<0.7	<0.68	7.54	<0.67	<0.67	<0.62	2.9	<0.68	<0.69	<0.67	1.18	1.18	<0.69	14.5	4.95	1.63	1.68	1.15	<0.62	<0.62	2.11	1.38	0.83	<0.56
Chromium	3.1	5.8	4.3	58.7	5	5	6.7	75	10.7	2.1	45	32.2	41	13.9	13.6	44.2	7.2	12.6	8.6	4.2	8.6	6.7	5.4	6.9	6.3
Copper	3.4	3	40.2	1070	12.6	10.2	189	919	24.9	3.2	435	3950	971	1530	469	439	636	4680	219	251	805	367	729	352	15.1
Lead	14.8	13	50.9	**3770**	29.8	17.6	126	**1440**	<6.8	<6.9	**1810**	388	**975**	**1060**	**5580**	**2510**	436	**573**	399	85.7	160	372	393	482	11.1
Mercury	<0.039	<0.041	<0.04	0.739	<0.035	<0.039	0.101	1.08	<0.037	<0.036	0.145	0.07	0.361	<0.039	1.12	0.692	0.489	0.418	0.453	0.101	0.159	0.428	0.121	0.297	0.253
Nickel	<3.4	4.5	5	119	4.3	4.1	21.6	76.7	<3.4	<3.4	62	31.3	36.4	13.6	49.7	41.4	27.6	357	32.2	19.7	12.7	103	47.1	20.3	5.1
Selenium	<6.7	<7	<6.8	<12.5	<6.7	<6.7	<6.2	<7	<6.8	<6.9	<6.7	<8.2	<6.1	<6.9	<6.5	<6.1	<6.1	<5.8	<6	<6.2	<6.2	<6.9	<5.9	<5.5	<5.6
Silver	<0.67	<0.7	1.42	106	2.42	2.33	21.5	124	<0.68	<0.69	94.9	42.7	104	27.1	145	117	38.7	38.8	32.8	5.31	17.7	37.9	51.3	23.8	2.05
Thallium	<1.7	<1.7	<1.7	<3.1	<1.7	<1.7	<1.6	<1.7	<1.7	<1.7	<1.7	<2	<1.5	<1.7	<1.6	<1.5	<1.5	<1.5	<1.5	<1.5	<1.6	<1.7	<1.5	<1.4	<1.4
Zinc	8.1	8.6	24.5	1250	27.8	16.2	90.5	510	8.5	5.2	278	1140	513	691	491	342	387	982	208	178	389	476	394	235	110
TPH (mg/Kg)																									
Total Petroleum Hydrocarbon	<44.3	<45.3	194	250	<43	<46.2	<42.3	101	<42.9	<45.3	45.6	86.7	440	<46	618	519	450	182	176	<40.8	188	190	<37.7	277	<39.9

Shading indicates an exceedance of the Industrial / Commercial RI Direct Exposure Criteria.

TABLE 5: SUMMARY OF CONFIRMATORY SOIL SAMPLES
FORMER SLAG AREA
FORMER GORHAM MANUFACTURING SITE
PROVIDENCE, RI

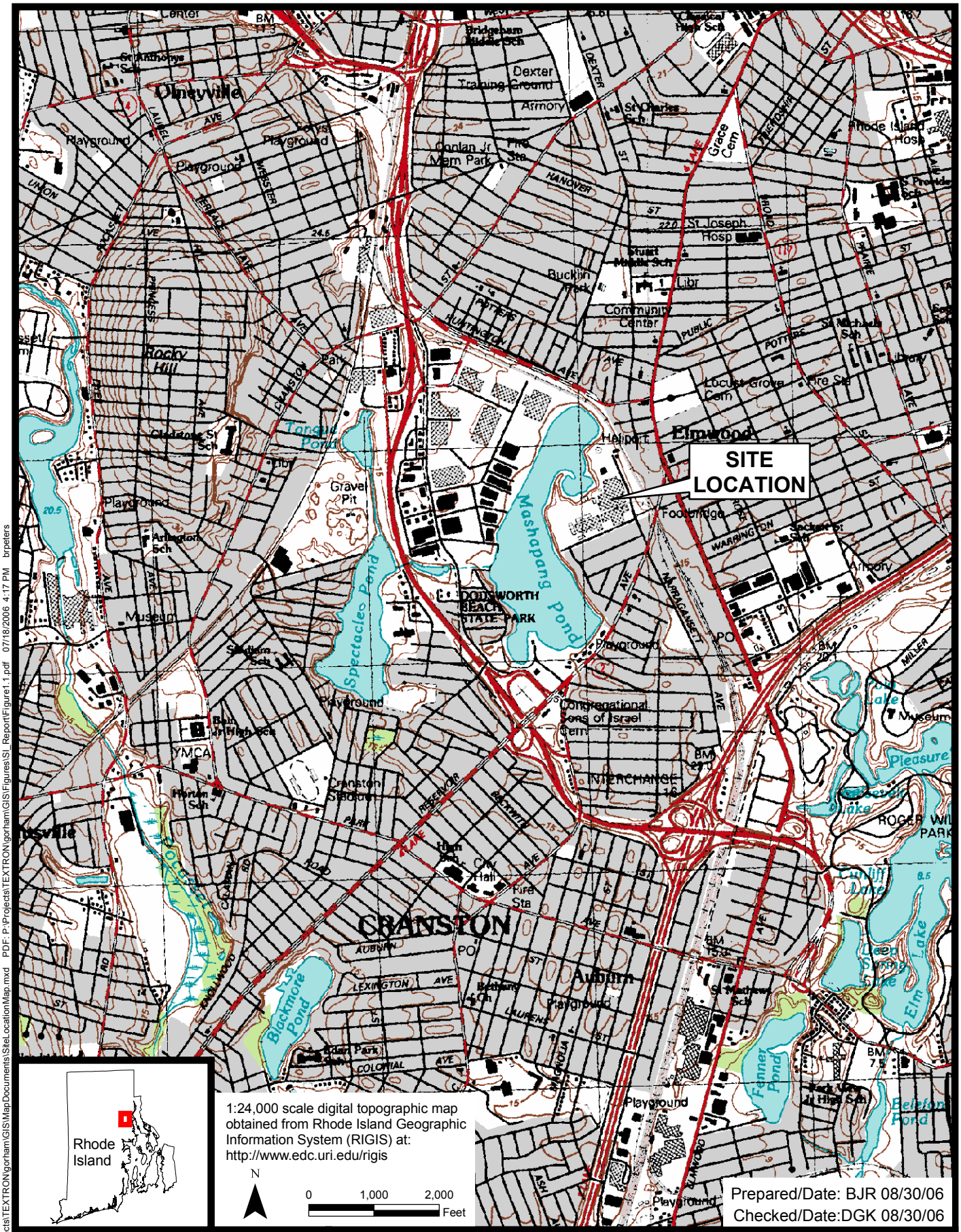
chemical_name	SS-SI57 B1 7/14/2006 6-7ft	SS-SI58 7/14/2006 0-5ft	SS-SI59 7/14/2006 0-1ft	SS-SI60 7/14/2006 0-1ft	SS-SI61 S100 7/14/2006 0-1ft	SS-SI61 S105 7/14/2006 5-6ft	SS-SI62 S100 7/14/2006 0-1ft	SS-SI62 S105 7/14/2006 5-6ft	SS-SI63 B1 7/14/2006 11-12ft	SS-SI71 W1 8/14/2006 0-1ft	SS-SI72 N1 8/14/2006 0-1ft	SS-SI73 B1 8/14/2006 2-3ft	SS-SI73 B1 Dup 8/14/2006 2-3ft	SS-SI74 E1 8/14/2006 0-1ft	SS-SI75 S1 8/14/2006 0-1ft	SS-SI76 B1 8/14/2006 0-1ft	SS-SI77 B1 8/14/2006 0-2ft
Semivolatile Organics (mg/kg)																	
1,1-Biphenyl																<0.535	<0.537
1,2,4-Trichlorobenzene																<0.535	<0.537
1,2-Dichlorobenzene																<0.535	<0.537
1,3-Dichlorobenzene																<0.535	<0.537
1,4-Dichlorobenzene																<0.535	<0.537
1-Methylnaphthalene	<0.0349	0.729	<0.54	<0.557	<0.57	<0.573	<0.555	6.43	<0.0292								
2,3,4,6-Tetrachlorophenol																<2.67	<2.69
2,4,5-Trichlorophenol																<0.535	<0.537
2,4,6-Trichlorophenol																<0.535	<0.537
2,4-Dichlorophenol																<0.535	<0.537
2,4-Dimethylphenol																<0.535	<0.537
2,4-Dinitrophenol																<2.67	<2.69
2,4-Dinitrotoluene																<0.535	<0.537
2,6-Dinitrotoluene																<0.535	<0.537
2-Chloronaphthalene																<0.535	<0.537
2-Chlorophenol																<0.535	<0.537
2-Methylnaphthalene	<0.0349	0.986	<0.54	<0.557	<0.57	<0.573	<0.555	8.98	<0.0292							<0.535	<0.537
2-Methylphenol																<0.535	<0.537
2-Nitroaniline																<0.535	<0.537
2-Nitrophenol																<0.535	<0.537
3,3'-Dichlorobenzidine																<0.535	<0.537
3Methylphenol																<1.07	<1.07
3-Nitroaniline																<0.535	<0.537
4,6-Dinitro-2-Methylphenol																<2.67	<2.69
4-Bromophenyl phenyl ether																<0.535	<0.537
4-Chloro-3-methylphenol																<0.535	<0.537
4-Chloroaniline																<0.535	<0.537
4-Chlorophenyl phenyl ether																<0.535	<0.537
4-Nitroaniline																<0.535	<0.537
4-Nitrophenol																<2.67	<2.69
Acenaphthene	<0.0349	1.09	<0.54	1.84	1.63	0.748	<0.555	11.9	0.0648							<0.535	<0.537
Acenaphthylene	<0.0349	4.66	<0.54	4.82	<0.57	0.927	<0.555	6.04	<0.0292							<0.535	<0.537
Acetophenone																<0.535	<0.537
Aniline																<0.535	<0.537
Anthracene	<0.0349	3.53	0.645	20.8	3.37	2.41	1.32	32.9	0.196							<0.535	0.678
Azobenzene																<0.535	<0.537
Benzo(a)anthracene	<0.0349	**9.43**	1.75	**18**	6.63	**10.2**	2.75	**31.3**	0.448							<0.535	1.84
Benzo(a)pyrene	<0.0349	**8.51**	**1.83**	**27.1**	**5.7**	**10.2**	**2.42**	**26.1**	0.393							<0.535	**1.68**
Benzo(b)fluoranthene	<0.0349	**10.8**	1.76	**16.9**	**8.01**	**10.2**	2.58	**20.4**	0.501							0.552	1.38
Benzo(g,h,i)perylene	<0.0349	3.31	0.853	18.4	1.6	3.71	0.997	13.9	0.0753							<0.535	0.621
Benzo(k)fluoranthene	<0.0349	4.63	2.28	<0.557	2.85	5.1	1.47	<0.594	0.376							<0.535	1.14
Benzoic acid																<2.67	<2.69
Benzyl alcohol																<0.535	<0.537

TABLE 5: SUMMARY OF CONFIRMATORY SOIL SAMPLES
FORMER SLAG AREA
FORMER GORHAM MANUFACTURING SITE
PROVIDENCE, RI

chemical_name	SS-SI57 B1 7/14/2006 6-7ft	SS-SI58 7/14/2006 0-5ft	SS-SI59 7/14/2006 0-1ft	SS-SI60 7/14/2006 0-1ft	SS-SI61 S100 7/14/2006 0-1ft	SS-SI61 S105 7/14/2006 5-6ft	SS-SI62 S100 7/14/2006 0-1ft	SS-SI62 S105 7/14/2006 5-6ft	SS-SI63 B1 7/14/2006 11-12ft	SS-SI71 W1 8/14/2006 0-1ft	SS-SI72 N1 8/14/2006 0-1ft	SS-SI73 B1 8/14/2006 2-3ft	SS-SI73 B1 Dup 8/14/2006 2-3ft	SS-SI74 E1 8/14/2006 0-1ft	SS-SI75 S1 8/14/2006 0-1ft	SS-SI76 B1 8/14/2006 0-1ft	SS-SI77 B1 8/14/2006 0-2ft
Bis(2-chloroethoxy)methane																<0.535	<0.537
Bis(2-chloroethyl) ether																<0.535	<0.537
Bis(2-chloroisopropyl) ether																<0.535	<0.537
Bis(2-ethylhexyl) phthalate																<0.535	<0.537
Butylbenzyl phthalate																<0.535	<0.537
Carbazole																<0.535	<0.537
Chrysene	<0.0349	8.2	1.94	22.6	6.29	9.62	2.67	29.2	0.379							<0.535	1.85
Dibenz(a,h)anthracene	<0.0349	<0.551	<0.54	**1.79**	<0.57	<0.573	<0.555	**8.41**	0.0321							<0.535	<0.537
Dibenzofuran																<0.535	<0.537
Diethyl phthalate																<0.535	<0.537
Dimethyl phthalate																<0.535	<0.537
Di-n-butyl phthalate																<0.535	<0.537
Di-n-octyl phthalate																<0.535	<0.537
Fluoranthene	<0.0349	26.1	3.35	17.4	11.4	17.3	5.61	73.5	1.2							<0.535	3.51
Fluorene	<0.0349	2.06	<0.54	2.16	1.7	0.765	<0.555	22.3	0.0893							<0.535	<0.537
Hexachlorobenzene																<0.535	<0.537
Hexachlorobutadiene																<0.535	<0.537
Hexachlorocyclopentadiene																<2.67	<2.69
Hexachloroethane																<1.07	<1.07
Indeno(1,2,3-cd)pyrene	<0.0349	3.39	0.819	3.34	1.69	3.77	1.03	**14.9**	0.0835							<0.535	0.714
Isophorone																<0.535	<0.537
Naphthalene	<0.0349	1.37	<0.54	1.37	1.04	<0.573	<0.555	22	0.0444							<0.535	<0.537
Nitrobenzene																<0.535	<0.537
N-Nitrosodimethylamine																<0.535	<0.537
N-Nitroso-di-n-propylamine																<0.535	<0.537
N-Nitrosodiphenylamine																<0.535	<0.537
Pentachlorophenol																<2.67	<2.69
Phenanthrene	<0.0349	25.9	2.29	16.7	11.2	8.82	5.22	89.6	1.09							<0.535	2.63
Phenol																<0.535	<0.537
Pyrene	<0.0349	22.6	3.67	3.41	10.7	15.6	5.21	5.54	0.978							<0.535	3.47
Pyridine																<2.67	<2.69
Inorganics (mg/kg)																	
Antimony	<7.8	<6.1	<5.9	<5.9	<6.4	<6.4	<5.9	<6	<6.2							<5.8	<6
Arsenic	<2	2.1	3.5	5.6	5.8	4.6	2.6	1.5	2.3							<1.4	2.3
Barium	21.5	19.6	25.5	48.8	59.3	66.4	20.2	11	14.7								
Beryllium	0.08	0.06	0.14	0.16	0.57	0.26	0.28	0.07	0.09							0.07	0.11
Cadmium	<0.78	<0.61	1.29	1.21	2.44	<0.64	1.37	<0.6	<0.62							<0.58	0.78
Chromium	4.9	4.3	8.1	8.7	73.3	10.2	44.2	8.4	5.6							4.3	15.5
Copper	6.7	68.4	190	386	909	359	2570	57.1	38.4	801	2650	616	524	122	473	81.1	341
Lead	<7.8	99.6	**1240**	**808**	**1720**	65.2	441	17.6	15.2							298	**630**
Mercury	<0.045	0.488	0.4	1.08	0.473	0.345	0.25	0.06	<0.038							0.043	0.174
Nickel	<3.9	8.4	27	44.1	57.3	26.5	39.6	4	7.8							5.1	13.5
Selenium	<7.8	<6.1	<5.9	<5.9	<6.4	<6.4	<5.9	<6	<6.2							<5.8	<6
Silver	<0.78	14.4	212	79.6	214	18.5	223	2.02	5.65							81.4	12.3
Thallium	<2	<1.5	<1.5	<1.5	<1.6	<1.6	<1.5	<1.5	<1.5							<1.4	<1.5
Zinc	18.3	68.4	161	183	425	173	716	89.4	85.7							36.8	193
TPH (mg/Kg)																	
Total Petroleum Hydrocarbon	<51.1	275	150	304	345	172	186	943	72.6							<38.8	57.5

Shading indicates an exceedance of the Industrial / Commercial RI Direct Exposure Criteria.

FIGURES



Slage Removal Action
Former Gorham Manufacturing Site
Providence, Rhode Island

MACTEC

Site Location Map
Project 3650-05-0041
Figure 1

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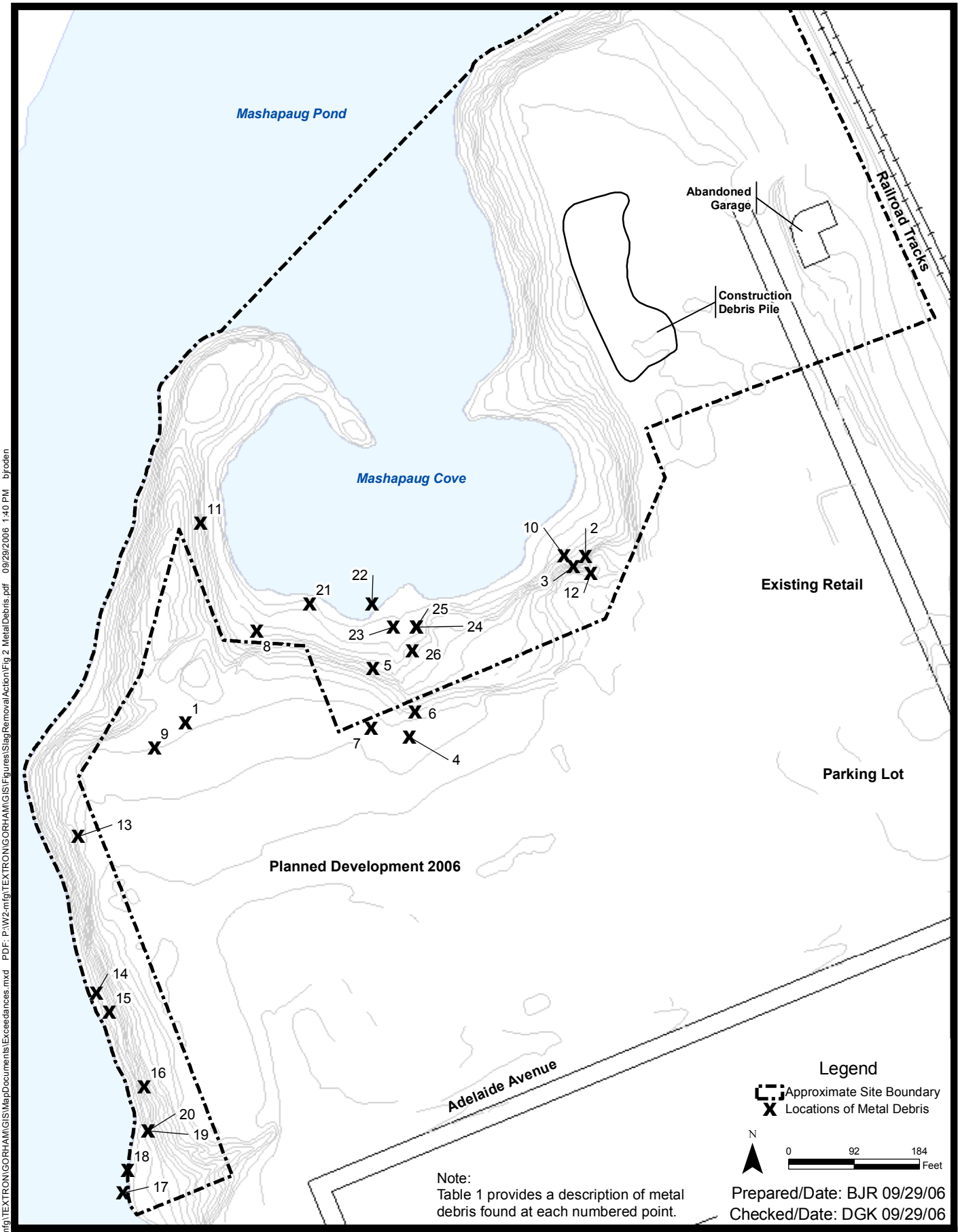
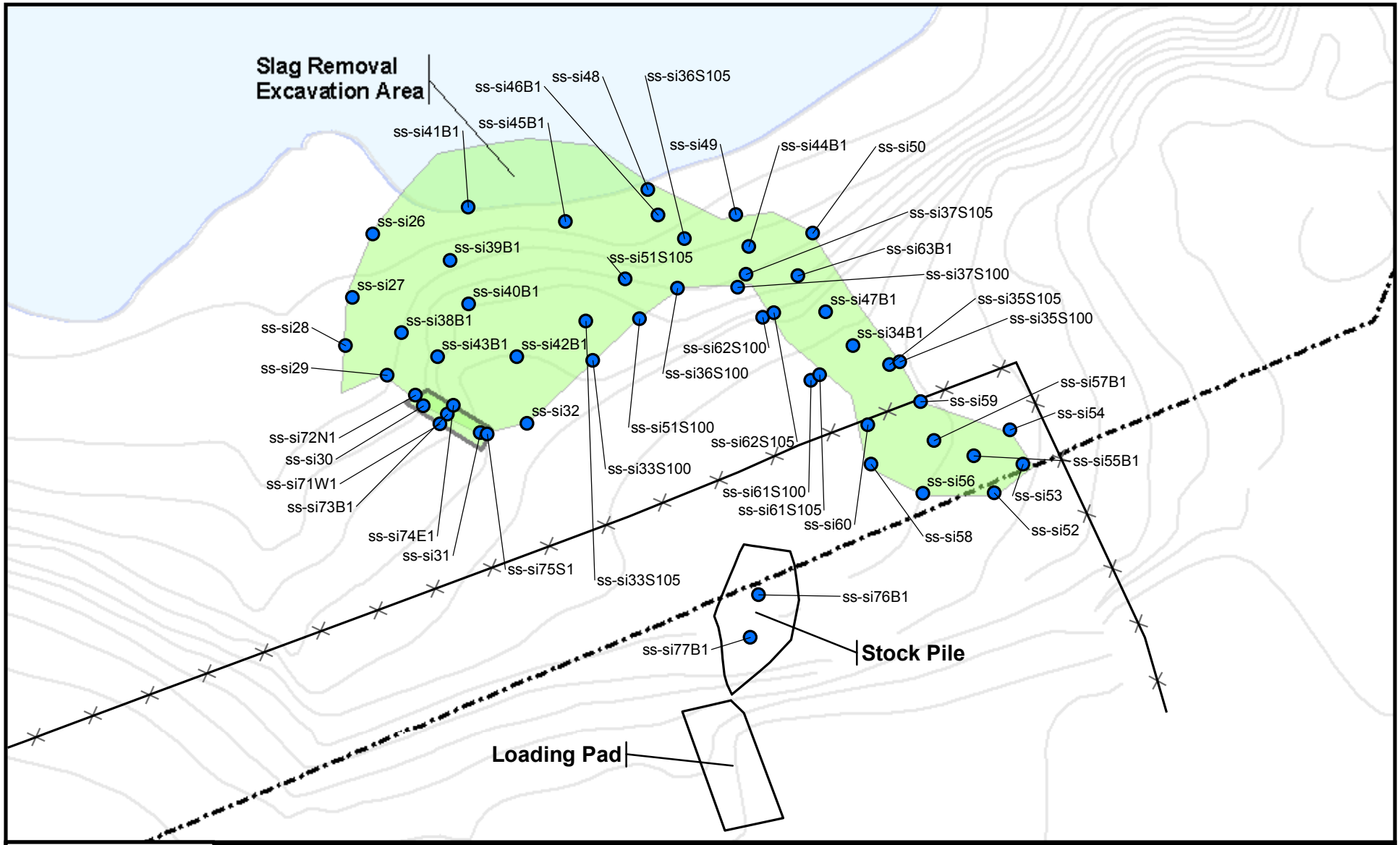


Slag Removal Summary Report
333 Adelaide Avenue
Providence, Rhode Island

MACTEC

Locations of Metal Debris
Removed for Disposal
Figure 2

Document: P:\W2-mfg\TEXTRON\GORHAM\GIS\MapDocuments\Exceedances.mxd PDF: P:\W2-mfg\TEXTRON\GORHAM\GIS\Figures\SlagRemovalAction\Fig 2 MetalDebris.pdf 09/29/2006 1:40 PM bjroden



MACTEC

Legend

- Confirmatory Sample Locations
- Elevation
- Excavated Area
- Approximate Site Boundary
- City Fence

N

0 18.5 37 Feet

Prepared by BJR | Checked by DGK

Figure 3
Slag Removal
Confirmatory Sample Locations

Slag Removal Summary Report
333 Adelaide Avenue
Providence, Rhode Island

Document: P:\W2-mfg\TEXTRON\GORHAM\GIS\MapDocuments\ExcavatedArea.mxd PDF: P:\W2-mfg\TEXTRON\GORHAM\GIS\Figures\SlagRemovalAction\Fig 3 Excavated Areas.pdf 09/29/2006 1:31 PM bjroden

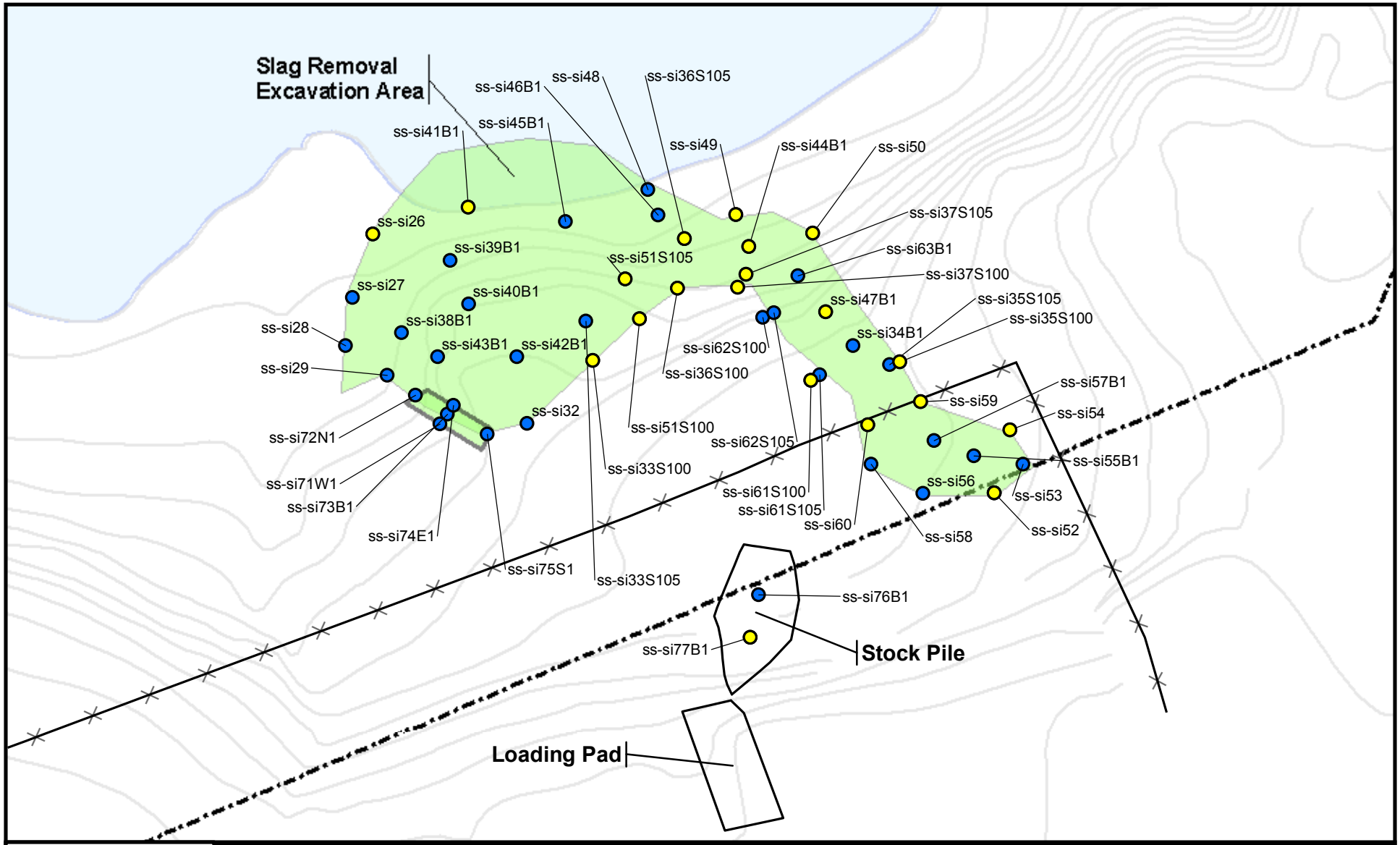


Figure 4
Confirmatory Soil Sample Locations
Metal Exceedances

Slag Removal Summary Report
333 Adelaide Avenue
Providence, Rhode Island

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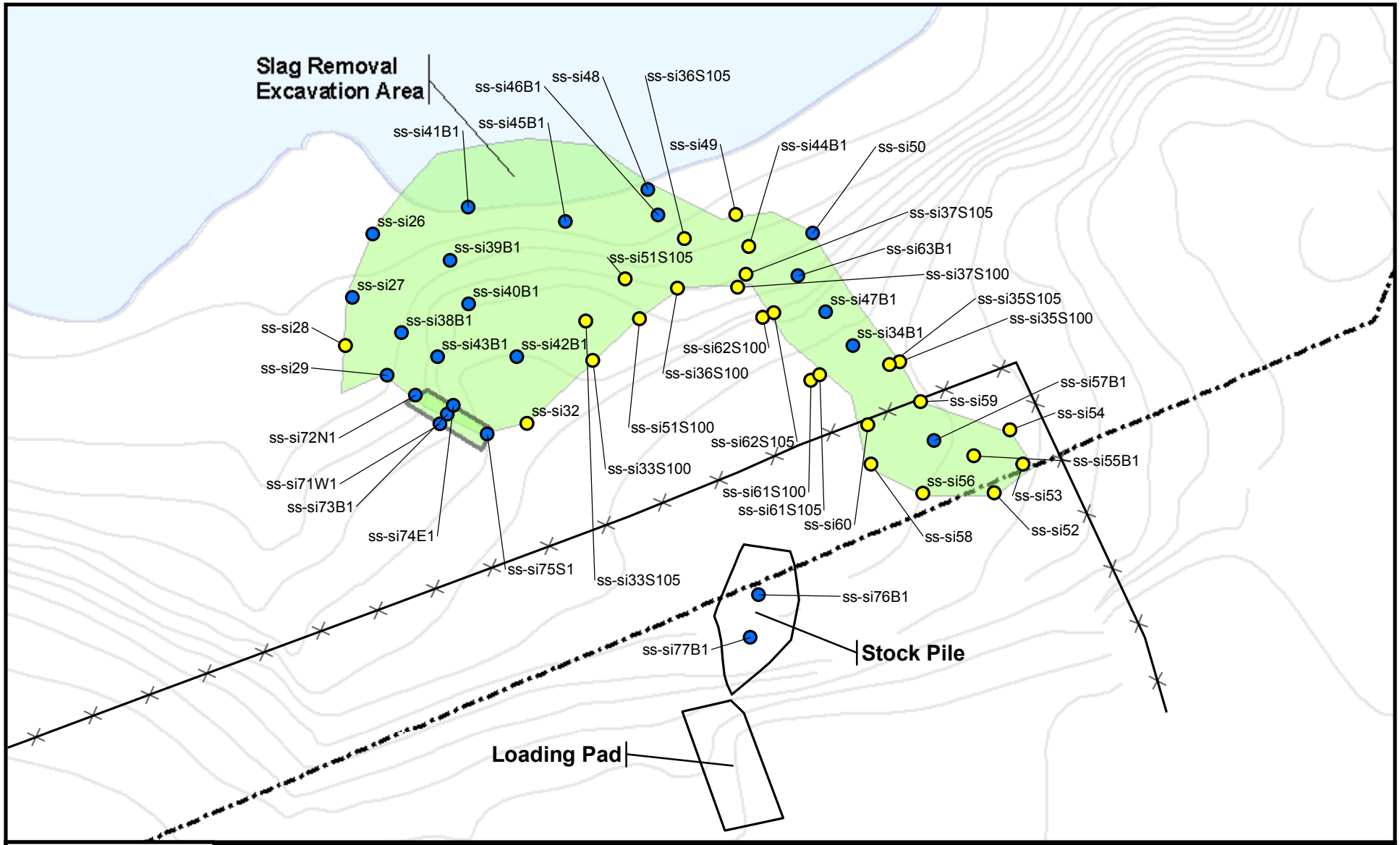

Legend

- Confirmatory Sample Locations
- Excavated Area
- SVOCs Exceed Ind/Com Standard
- Elevation
- Approximate Site Boundary
- City Fence

MACTEC

N

0 18.5 37 Feet

Prepared by BJR | Checked by DGK

Figure 5
Confirmatory Soil Sample Locations
SVOC Exceedances

Slag Removal Summary Report
333 Adelaide Avenue
Providence, Rhode Island

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APPENDIX A

Metal Debris Photographs

(Refer to Table 1 for Item Descriptions)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #1):
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #2):
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #4) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #5) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #6) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #7) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #8) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #9) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #10) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #11) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #12) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #14) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #15) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #16) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Item #17) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Unnumbered Item):
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Before

After

Photograph of Logged and Removed Metal Debris (Unnumbered Item) :
(Source: MACTEC, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
METAL DEBRIS REMOVAL PHOTOGRAPHS

Unpaired Photographs

Photograph of Logged and Removed Metal Debris (Item #3, 18, 19):
(Source: MACTEC, 2006)

APPENDIX B

Site Photographs

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Aerial Photograph Accessed August 7, 2006:
(Source: Google Earth. Photo for this report only – not for commercial sale)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: Undisturbed Slag: View facing South

(Source: MACTEC, April 27, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: View of Slag Area with Erosion Controls facing North

(Source: MACTEC, June 1, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: Slag Area Grubbing and Tree Removal facing North

(Source: MACTEC, June 7, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: View of Cleared Slag Pile after 1st day of Excavation including monitoring well GZA-5 within slag pile , facing East.
(Source: MACTEC, June 8, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: View of Slag Pile after initial of Excavation, facing southeast

(Source: TEXTRON, June 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: View of Slag Pile after initial of Excavation, facing West

(Source: TEXTRON, June 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: View of Slag Area across Cove, with covered stockpile above it.

(Source: MACTEC, June 21, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: Slag being loaded from stockpile into Truck

(Source: MACTEC, June 26, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: Slag fully loaded (to weight limits) in lined trailer

(Source: MACTEC, June 26, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: View of excavated slag and western extent facing southeast

(Source: MACTEC, June 26, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: Excavation of slag, facing south across Cove

(Source: MACTEC, June 26, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: Excavated Slag facing East, fill and bricks visible across water

(Source: MACTEC, June 26, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: View of "North" and "West" Dust Monitors facing west

(Source: MACTEC, June 29, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: View of Excavation with GZA-5 PVC in foreground and "East" and "South" Dust Monitors in background.

(Source: MACTEC, June 29, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: Silt Curtain and boom with excavation into Cove

(Source: MACTEC, July 6, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: Area of Completed Excavation Facing West

(Source: MACTEC, August 2, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: Excavation around SI-SS0008, a UCL exceedance for Copper

(Source: MACTEC, August 2, 2006)

Slag Removal Action
Textron - Gorham
333 Adelaide Avenue
Providence, Rhode Island
SITE PHOTOGRAPHS

Photograph: Excavation area with three loads of rip-rap above excavation, facing east.

(Source: MACTEC, September 21, 2006)

APPENDIX C

Surface Soil Sample Field Data Records

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI26	Sampler: NA	Date: 7/12/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1300 End 1305

Samples for Chemical Analysis: [X] ~~Metals~~ DRO TPH 8100, SVOCs, PP-13 [ ] Dioxins/FURANS
~~EPA Methods ILMO4.0~~ EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN, W/ ROOTS
[ ]
[ ]
[ ]

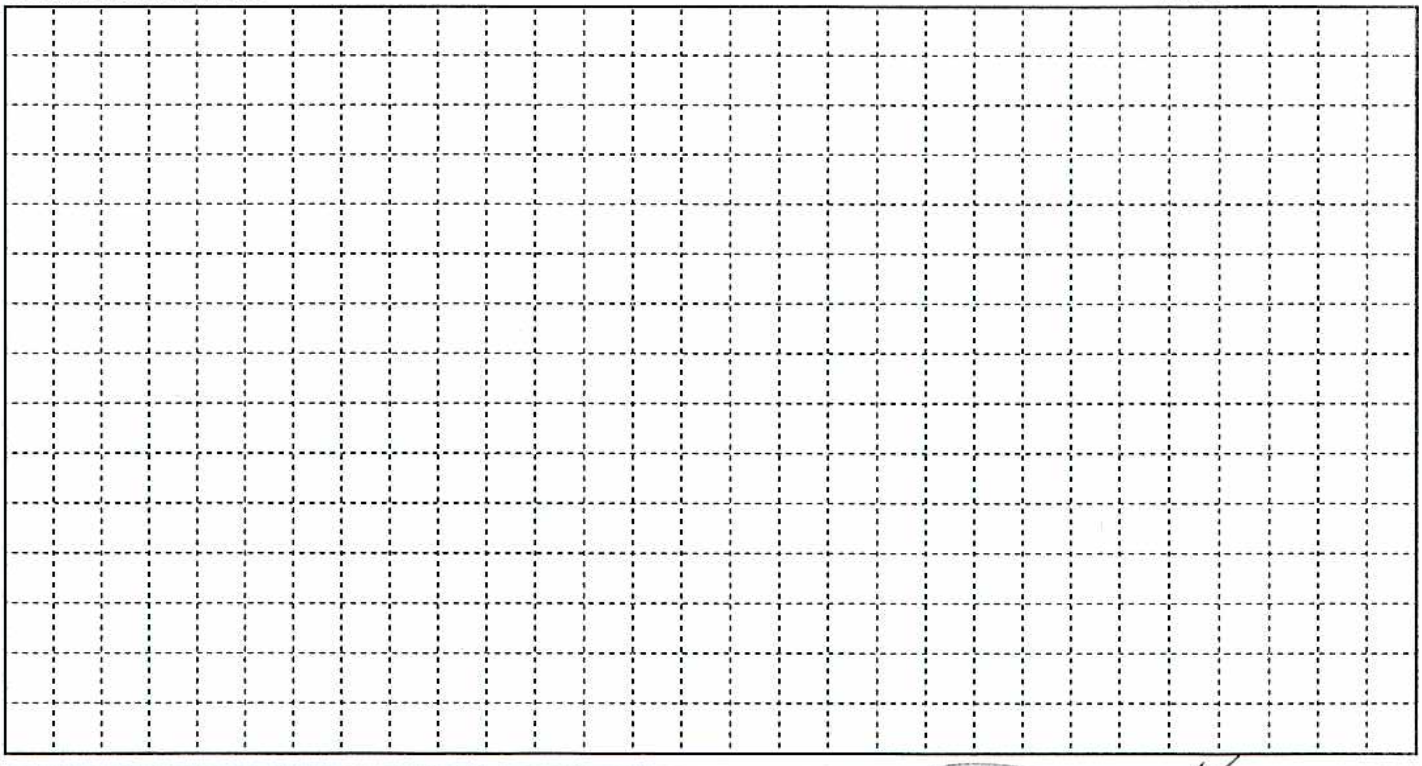
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[ ] Sand
[X] Organic/LOAM
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 27	Sampler: NA	Date: 7/12/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1315 End 1320

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC EPA Methods ~~ILM04.0~~ DLC [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN/GRAY
[ ] W/ ROOTS
[ ] _____
[ ] _____

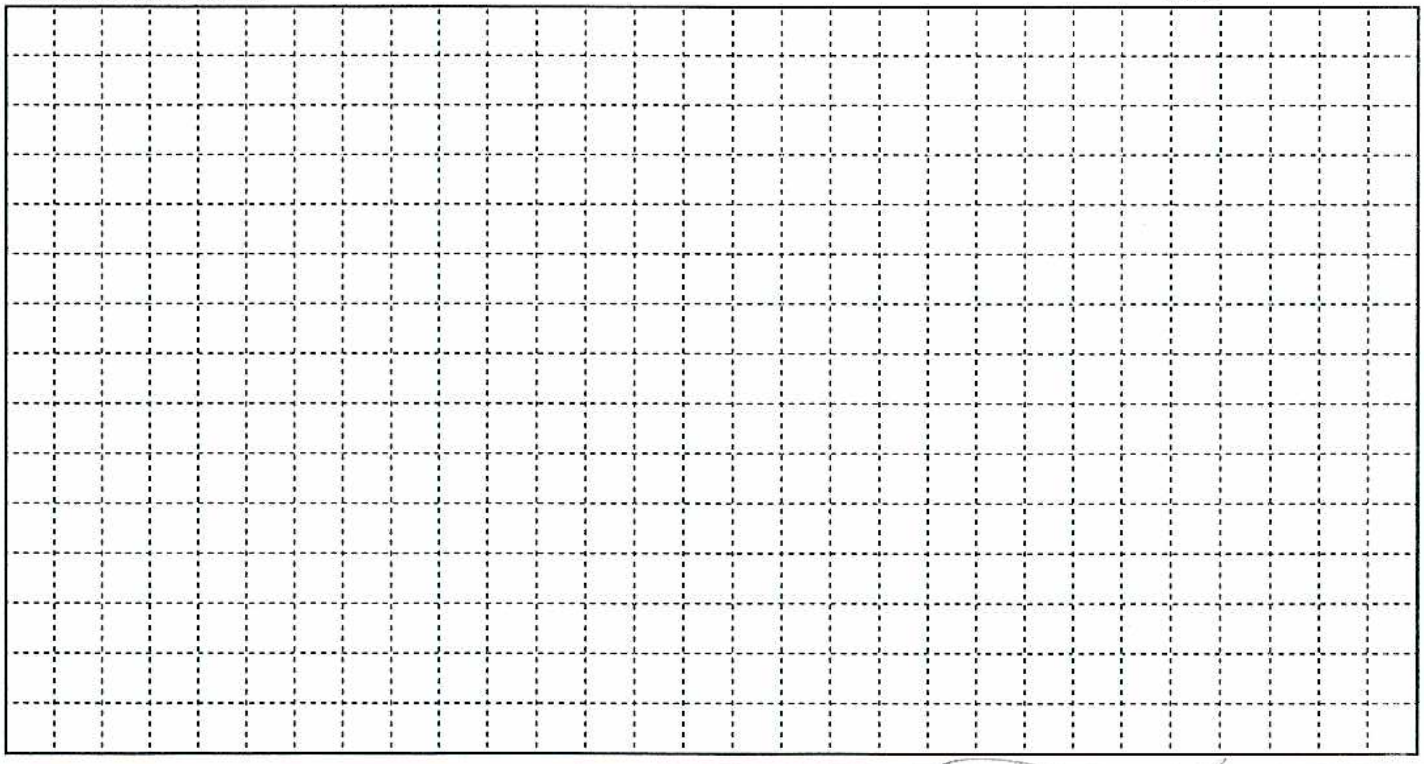
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand (MEDIUM)
[ ] Organic
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 28	Sampler: NA	Date: 7/12/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1330 End 1335

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DLL [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN/GRAY W/ ROOTS
[ ] _____
[ ] _____
[ ] _____

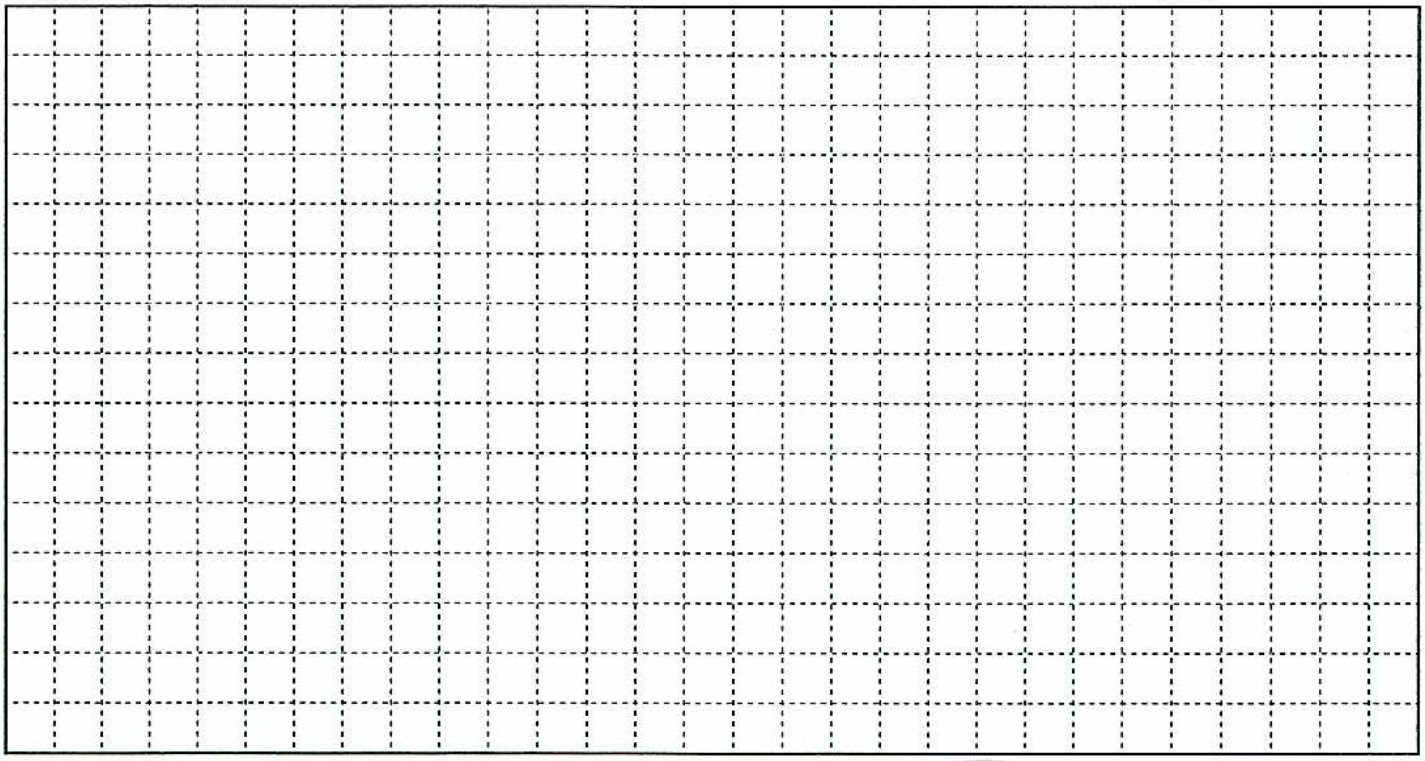
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand (medium)
[ ] Organic
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - FORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI29	Sampler: NA	Date: 7/12/06
Location: see Site Figure	Witness: VERTEX, INC.	Time: Start 1345 End 1350

Samples for Chemical Analysis: [X] Metals ~~EPA Methods ILM04.0~~ PP-13, TPH, SVOC Dm [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color TAN SANDY S~
[ ] _____
[ ] _____
[ ] _____

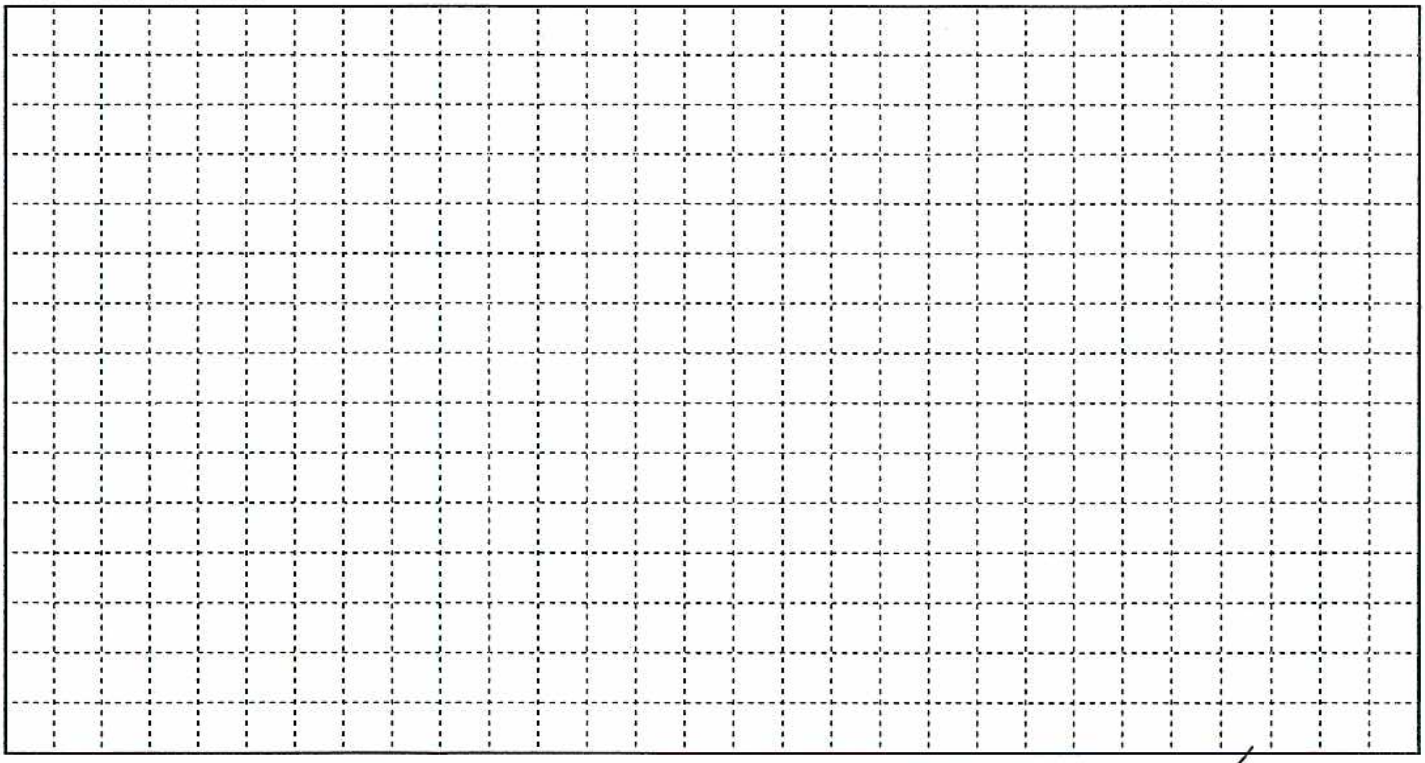
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI30	Sampler: NA	Date: 7/12/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1400 End 1405

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ Dm [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN W/ ORGANICS
[ ]
[ ]
[ ]

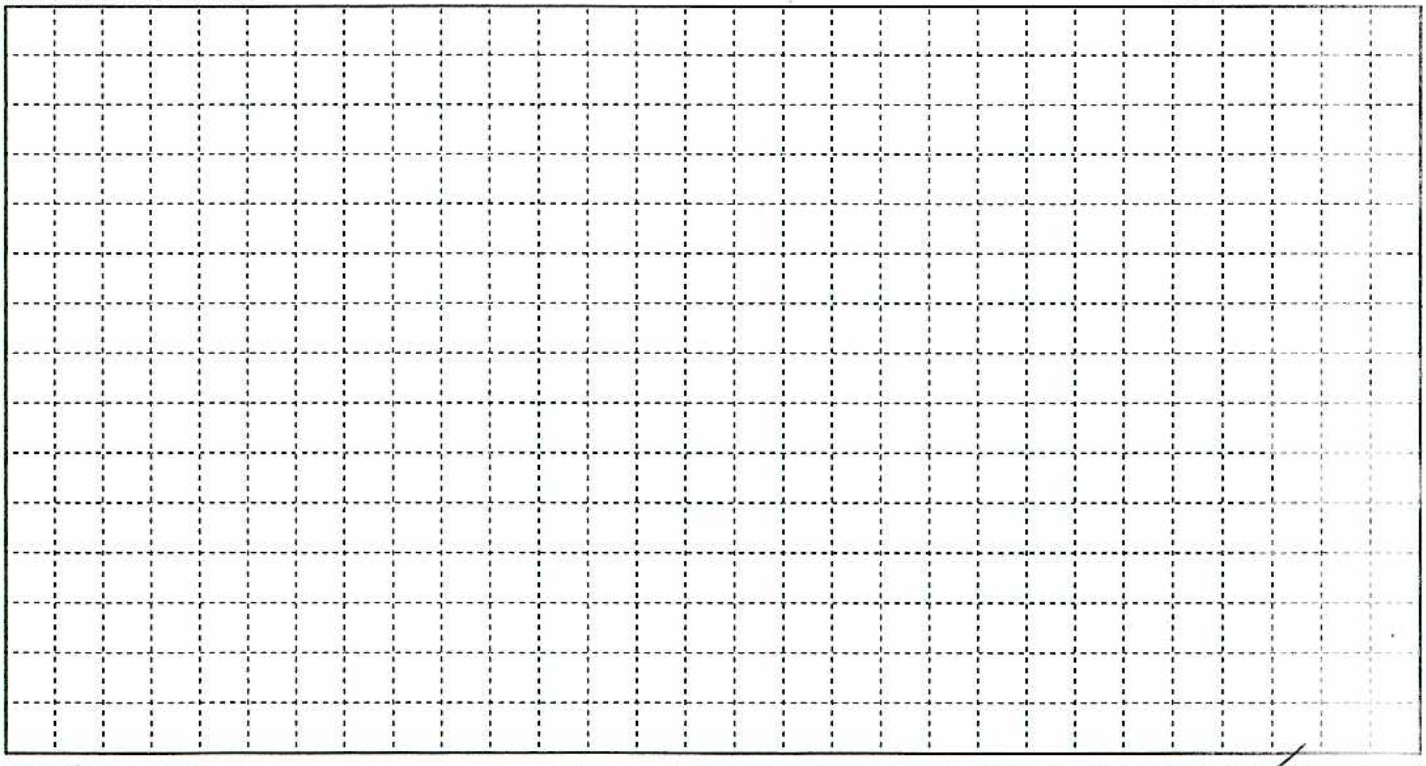
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand well-graded
[X] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI31	Sampler: NA	Date: 7/12/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1415 End 1420

Samples for Chemical Analysis:
- [X] Metals TPH, SVOC, PP-13 ~~EPA Methods ILM04.0~~ DHC
- [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
- [ ] Tulip Bulb Planter
- [X] S.S. Spoon
- [ ] Knife
- [ ] S.S. Spatula
- [ ] S.S. Bowl
- [ ] _____
- [ ] _____
- [ ] _____

Type of Sample Collected:
- [X] Discrete
- [ ] Composite

Sample Observations:
- [X] Odor NONE
- [X] Color DARK BROWN
- [ ] _____
- [ ] _____
- [ ] _____

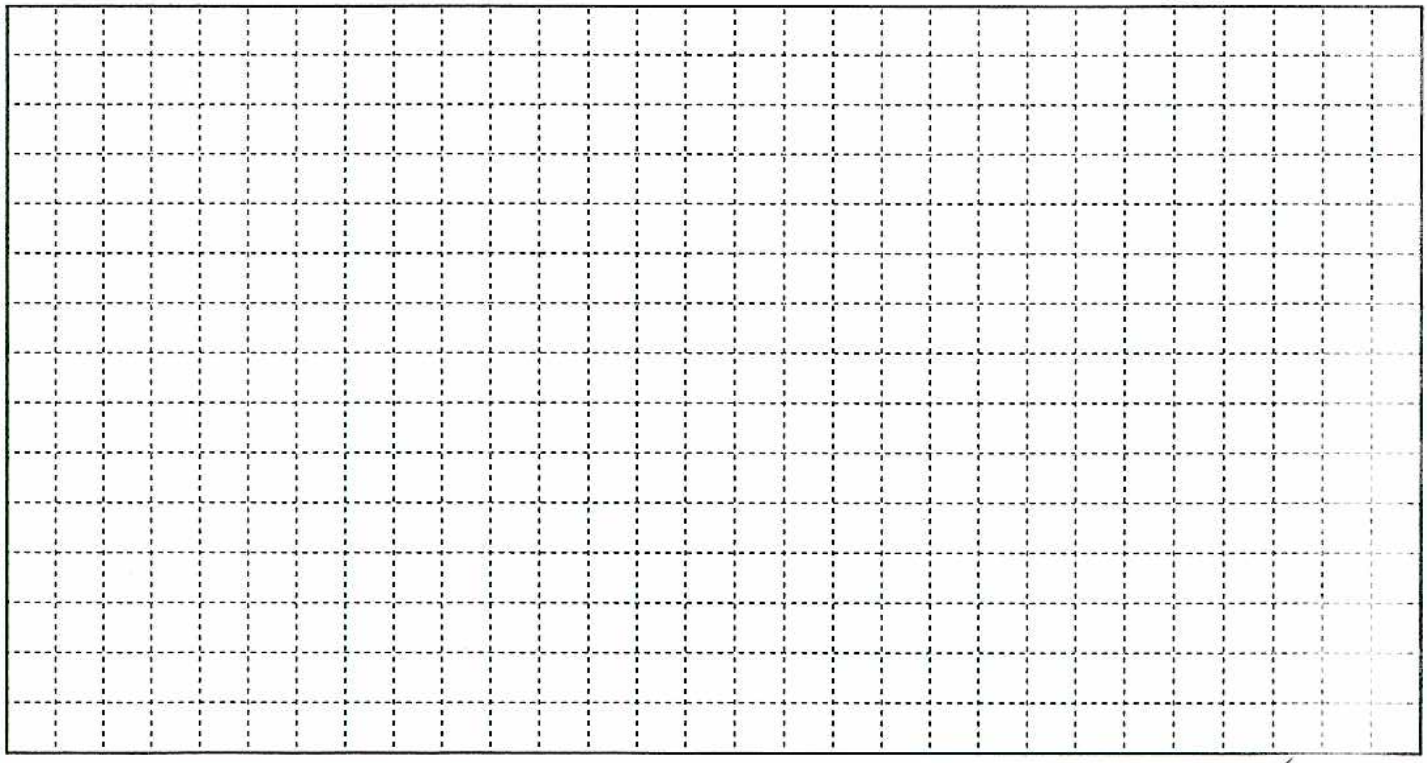
Decontamination Fluids Used:
- [ ] Deionized Water
- [ ] Liquinox Solution
- [X] Not applicable
- [ ] Dedicated Spoon
- [ ] _____

Soil Type:
- [ ] Clay
- [X] Sand
- [ ] Organic
- [ ] Gravel
- [ ] _____
- [ ] _____
- [ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI32	Sampler: NA	Date: 7/12/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1430 End 1435

Samples for Chemical Analysis: [X] Metals PP-13, SVOC, TPH ~~EPA Methods ILMO4.0~~ D&A [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color Light Brown
[ ] w/ Some brick + fill
[ ] _____
[ ] _____

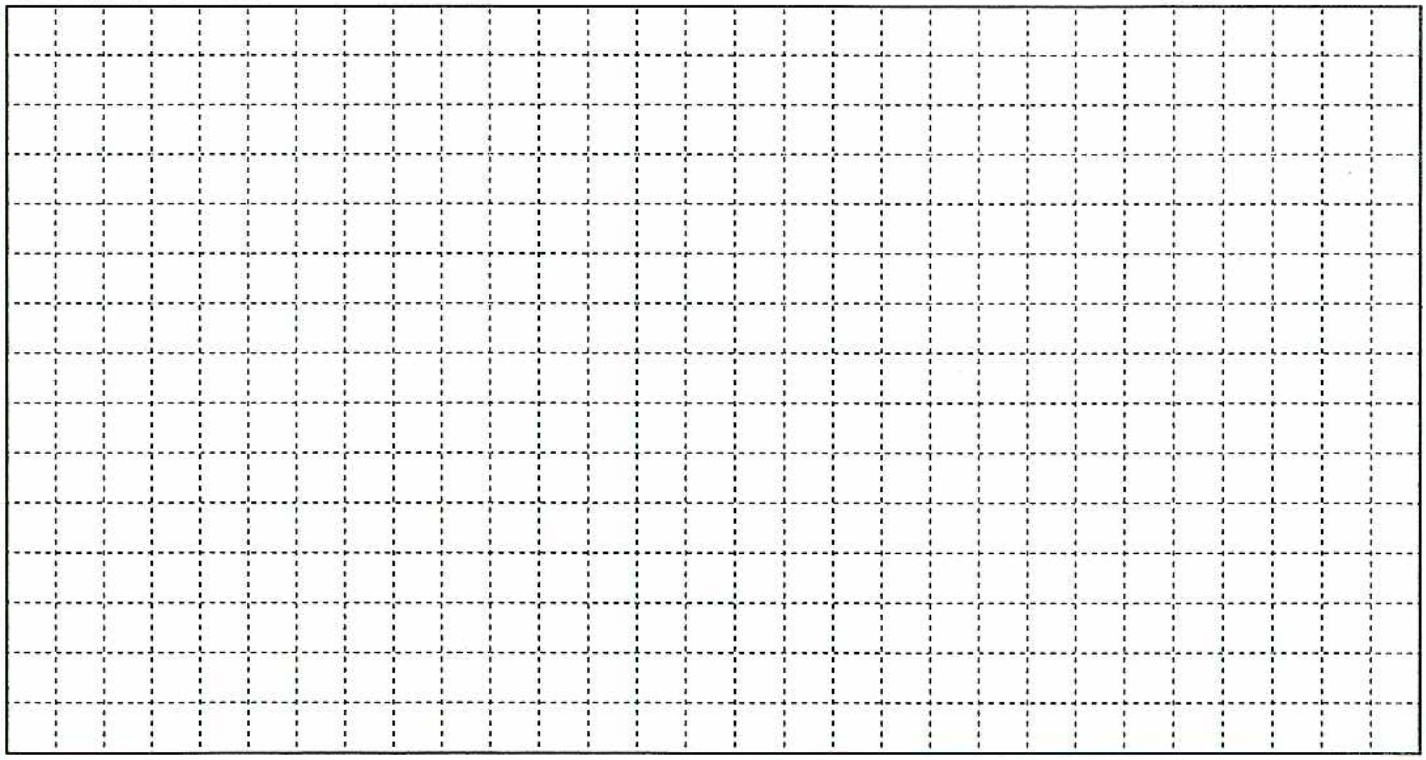
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand w/ Fill
[ ] Organic
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI33S100	Sampler: NA	Date: 7/12/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1445 End 1450

Samples for Chemical Analysis: [X] Metals PP-13, TPHSVOC ~~EPA Methods ILMO4.0~~ [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0' - 1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ]
[ ]
[ ]

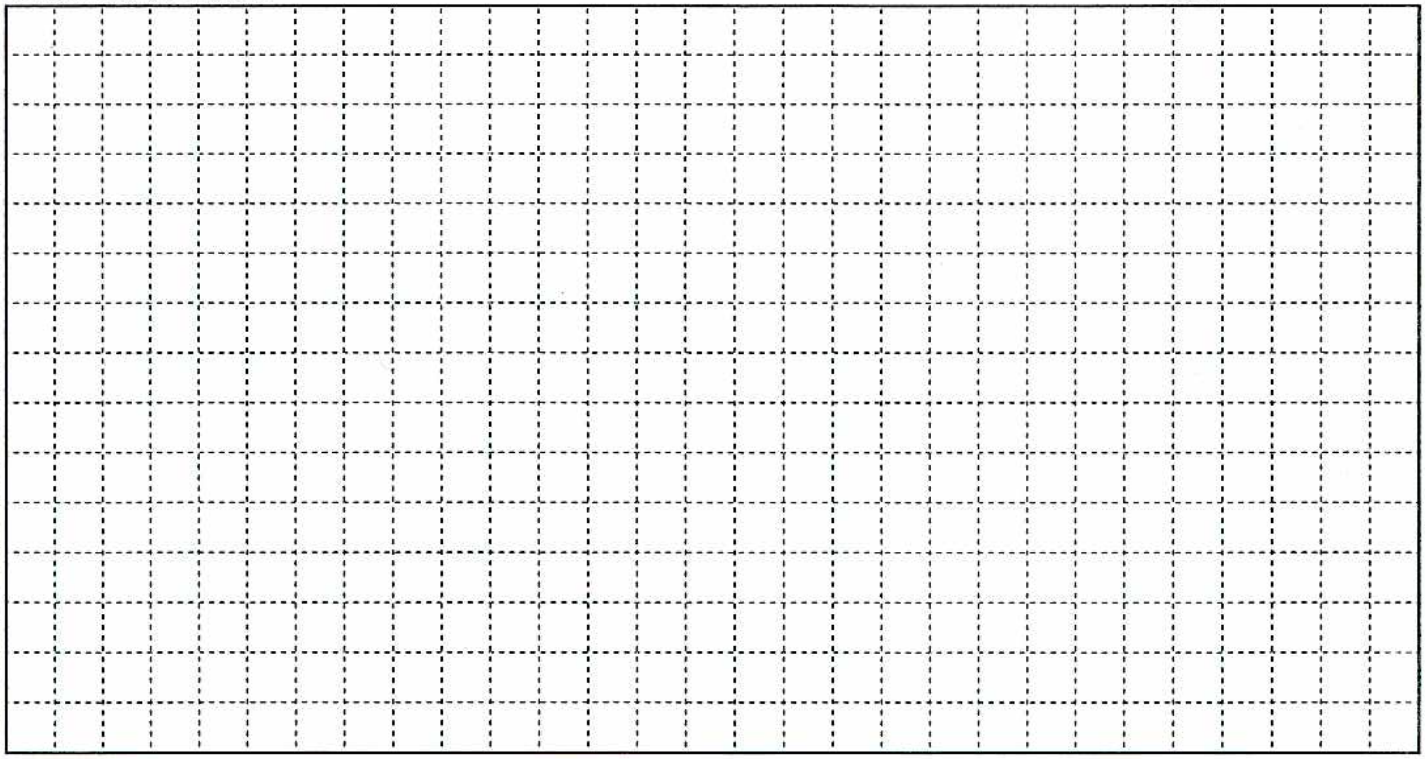
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI33S105	Sampler: NA	Date: 7/12/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1445 End 1450

Samples for Chemical Analysis: [X] Metals PP-13, SVOC, TPH ~~EPA Methods ILMO4.0~~ [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 5'-6'

Photographs Taken/Description

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color TAN W/BRICK
[ ] _____
[ ] _____
[ ] _____

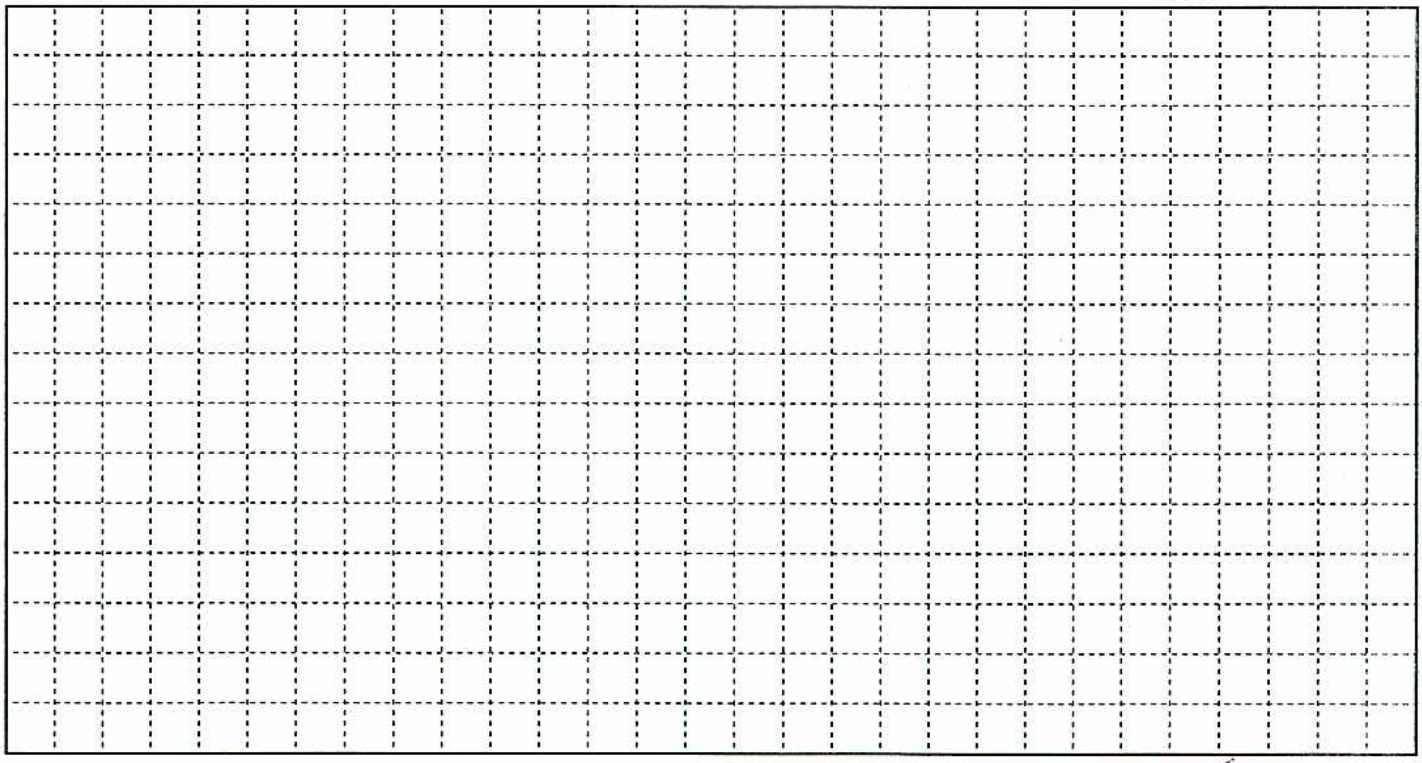
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] W BRICK
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: _____

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI34B1	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1005 End 1010

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCN [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 4'-5'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ]
[ ]
[ ]

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

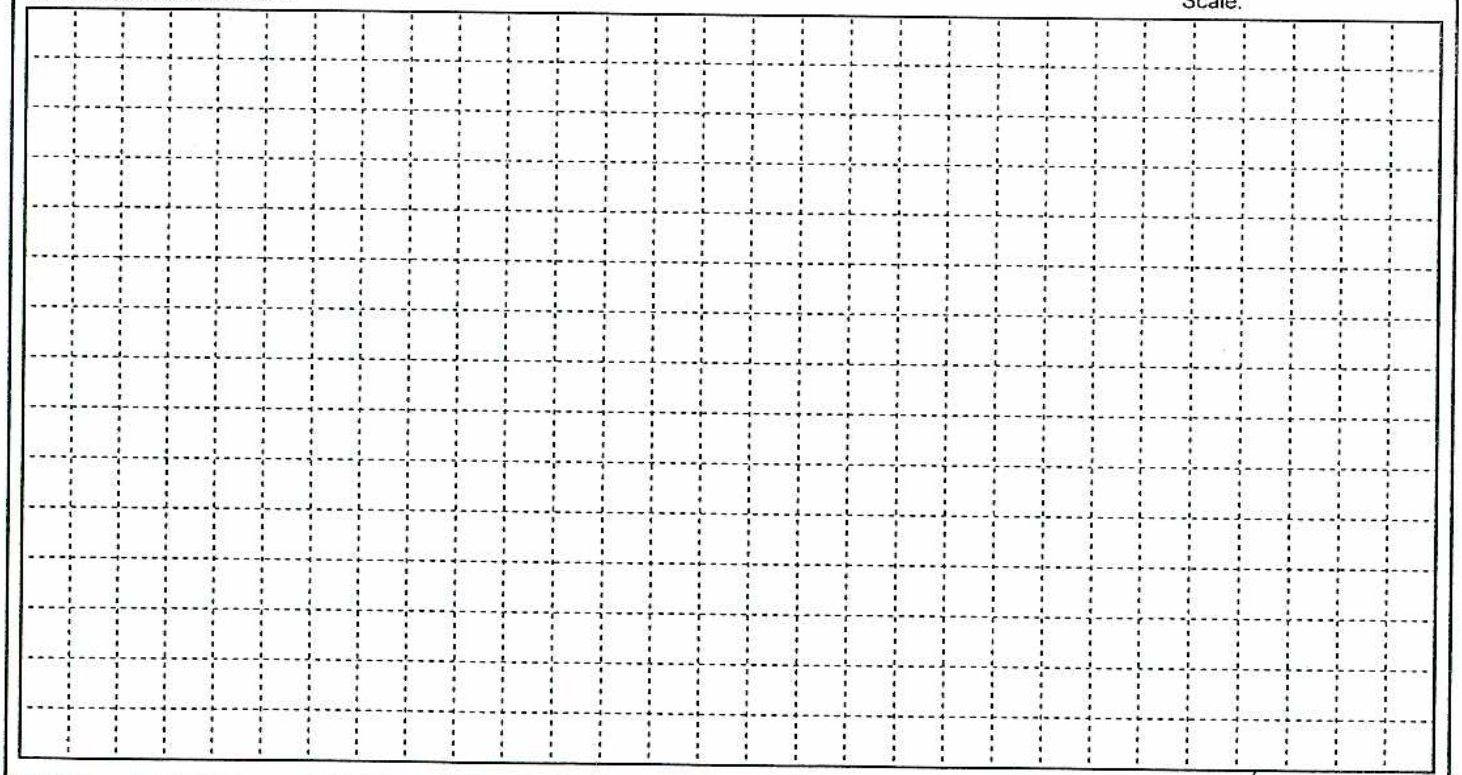
Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TOZ
Sample I.D.: SS-SI355L00	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 10:15 End 10:20

Samples for Chemical Analysis:
- [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D&M
- [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s): 0'-1'

Photographs Taken/Description
1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
- [ ] Tulip Bulb Planter
- [X] S.S. Spoon
- [ ] Knife
- [ ] S.S. Spatula
- [ ] S.S. Bowl
- [ ]
- [ ]
- [ ]

Type of Sample Collected:
- [X] Discrete
- [ ] Composite

Sample Observations:
- [X] Odor NONE
- [X] Color DARK BROWN
- [ ]
- [ ]
- [ ]

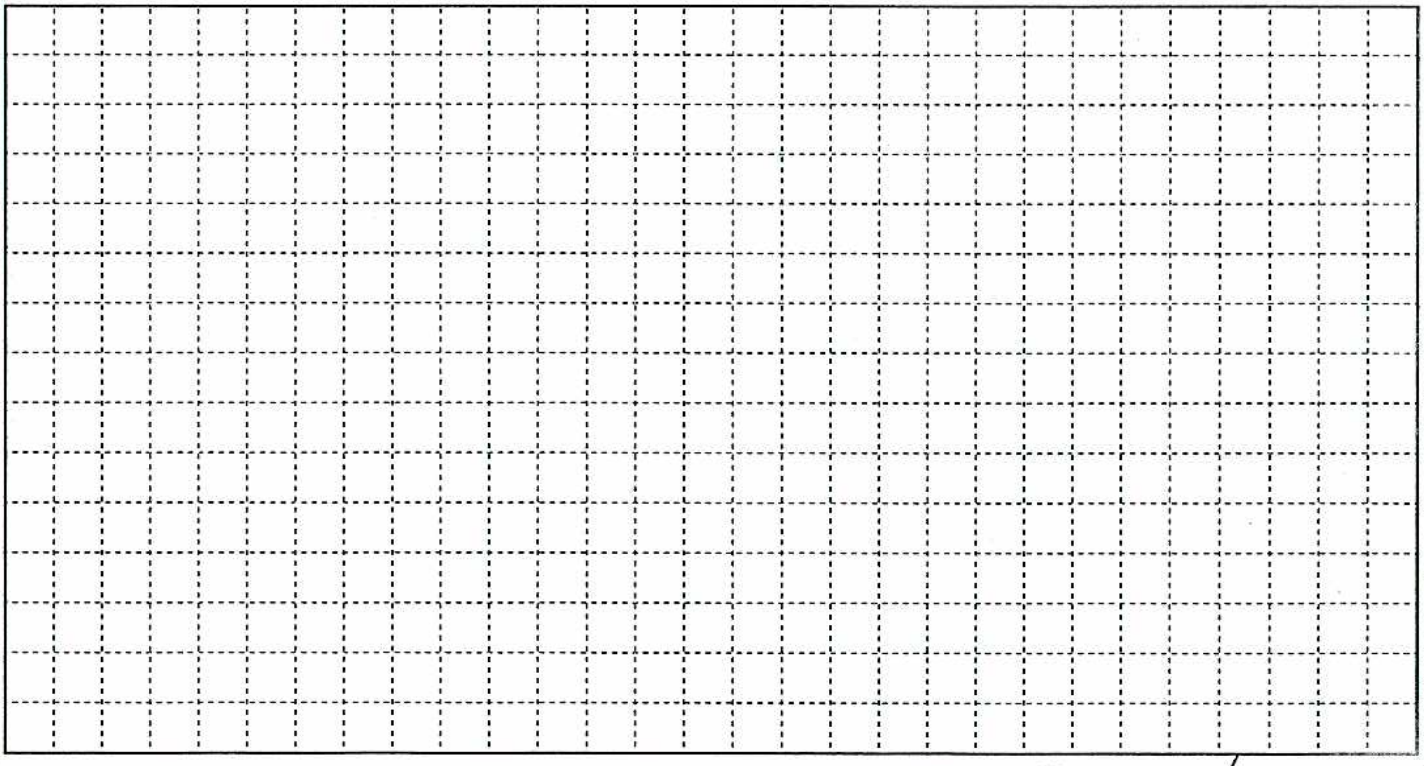
Decontamination Fluids Used:
- [ ] Deionized Water
- [ ] Liquinox Solution
- [X] Not applicable
- [ ] Dedicated Spoon
- [ ]

Soil Type:
- [ ] Clay
- [X] Sand
- [ ] Organic
- [ ] Gravel
- [ ]
- [ ]
- [ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 355105	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 10:15 End 10:20

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCK [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 5'-6'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color DARK BROWN
[ ]
[ ]
[ ]

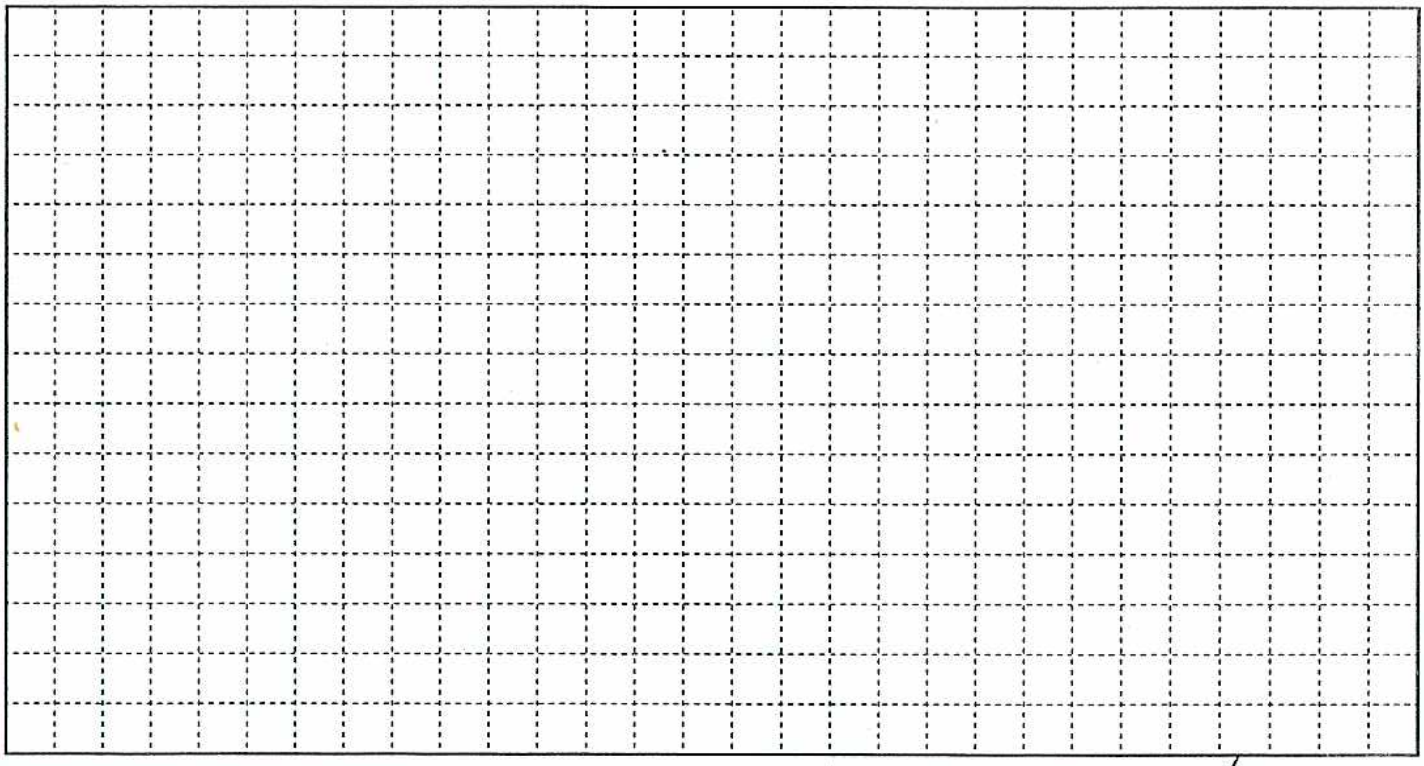
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] ~~Sand~~
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 5/S100	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 12:00 End 12:05

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCN [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN SAND
[ ] w/ PIECES OF BRICK + FILL
[ ]
[ ]

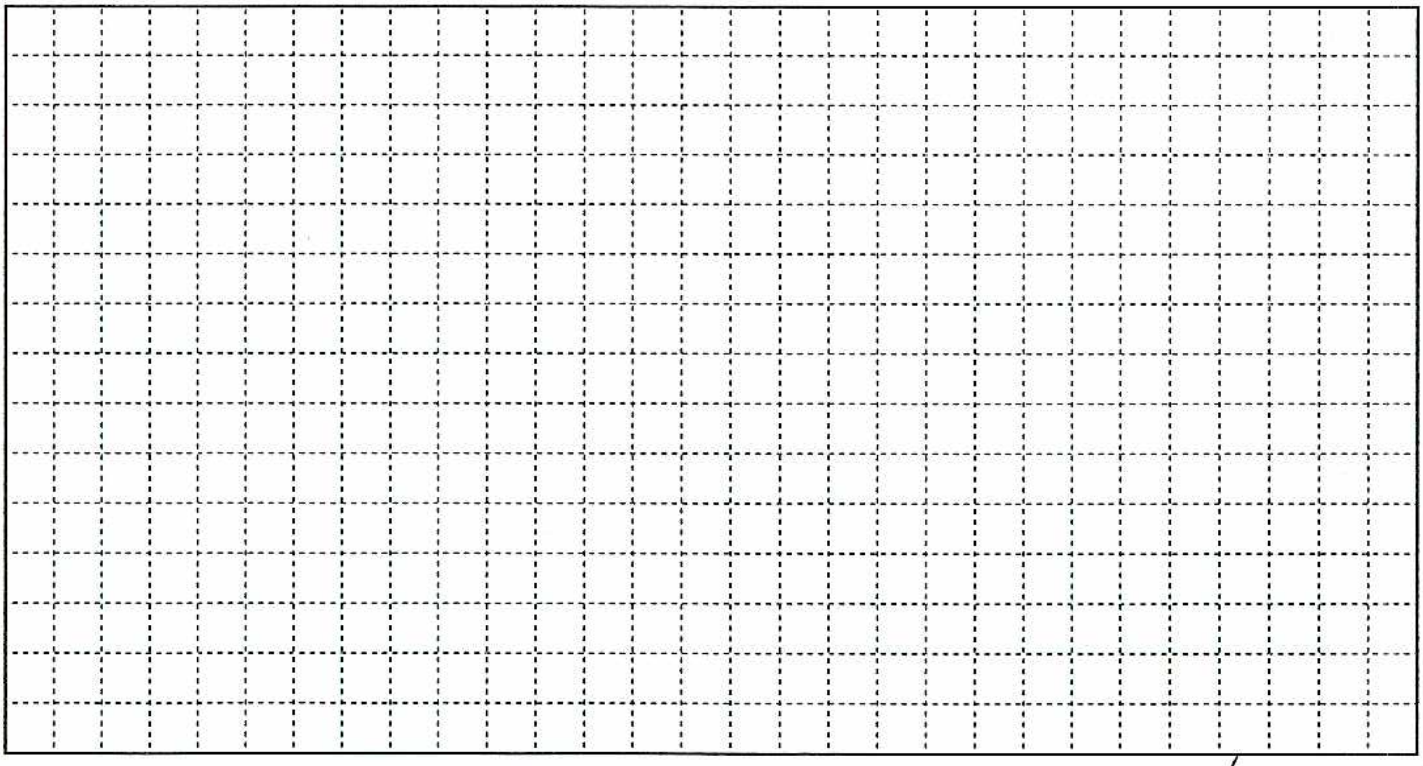
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - FORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI51S105	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 12:00 End 12:05

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D 6A [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 5 - 6'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ]
[ ]
[ ]

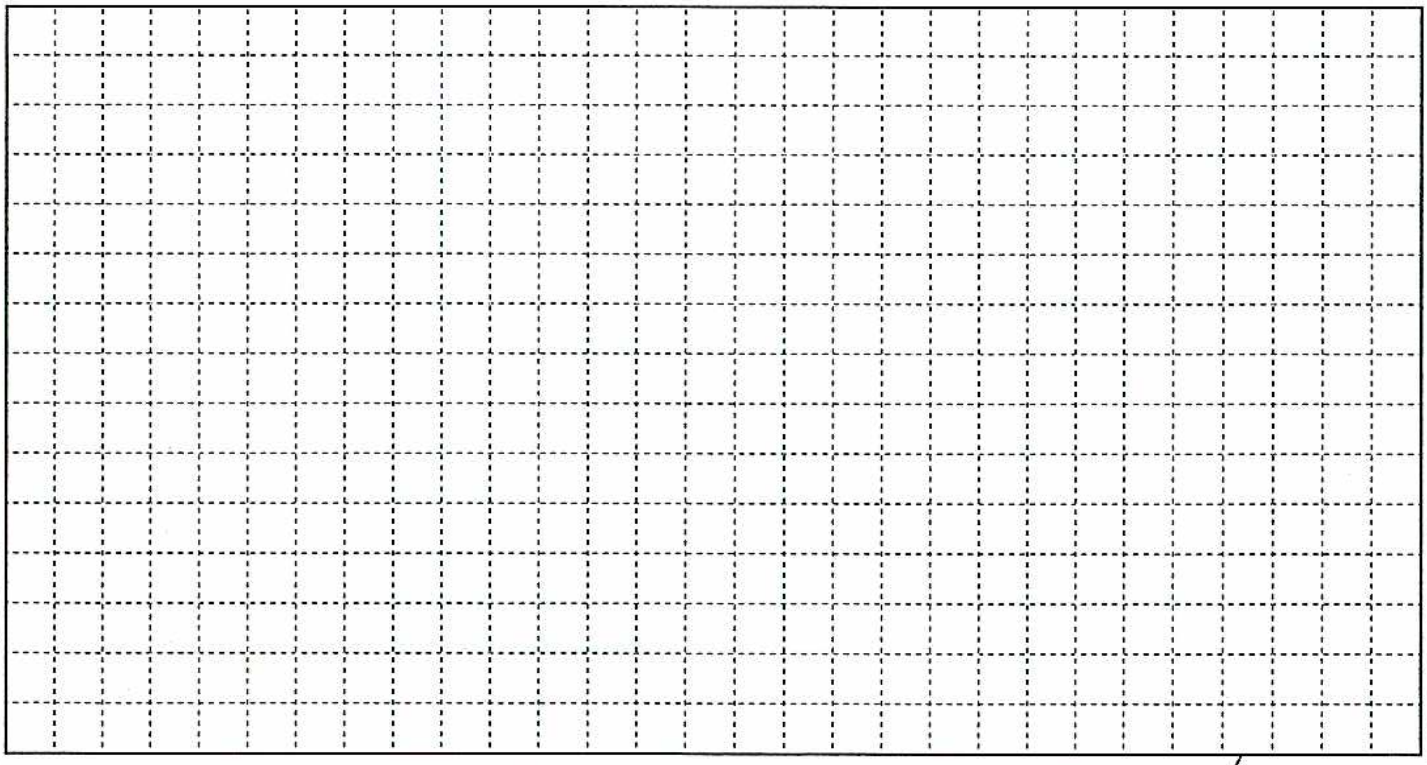
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI365100	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 12:15 End 12:20

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCN [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ]
[ ]
[ ]

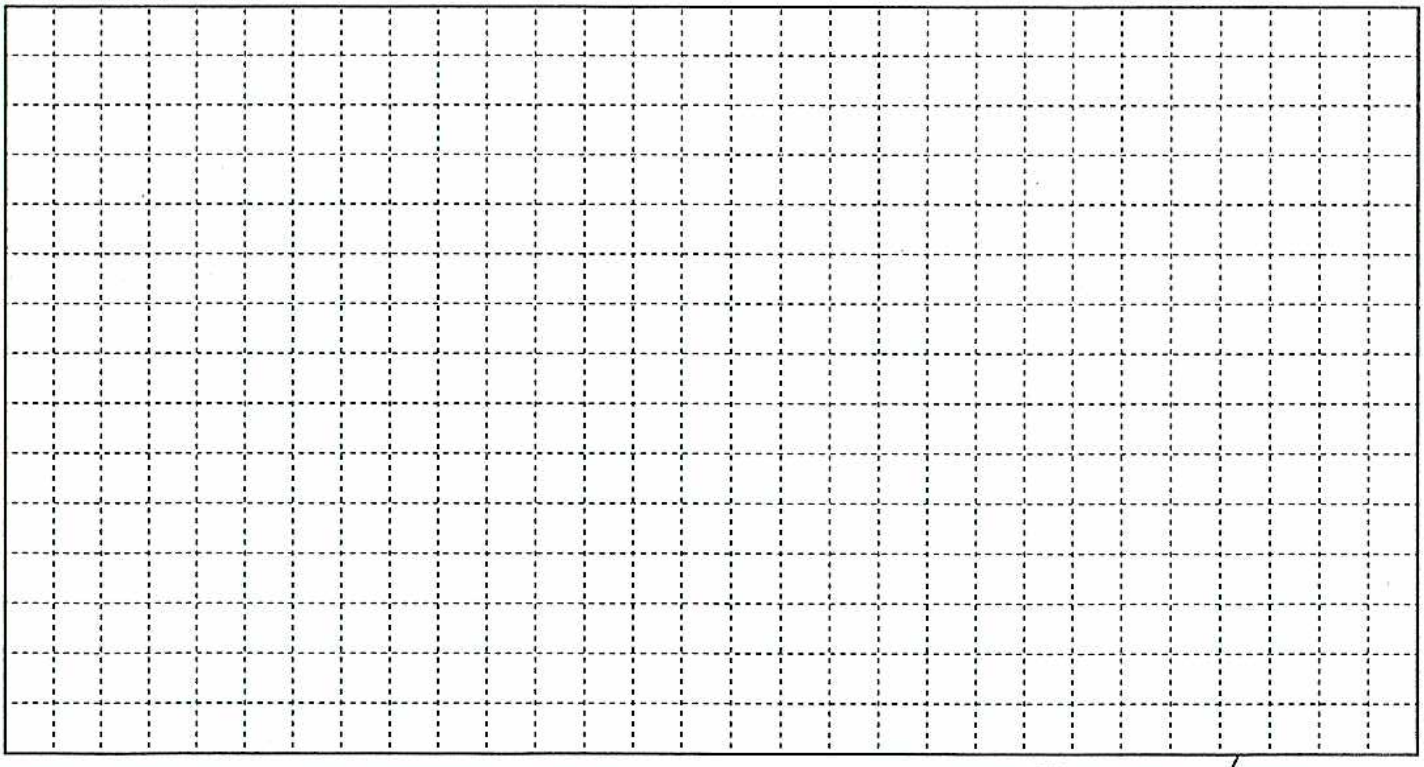
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] W/ FILL
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI365105	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 12:15 End 12:20

Samples for Chemical Analysis:
- [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D&M
- [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 5-6'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
- [ ] Tulip Bulb Planter
- [X] S.S. Spoon
- [ ] Knife
- [ ] S.S. Spatula
- [ ] S.S. Bowl
- [ ] _____
- [ ] _____
- [ ] _____

Type of Sample Collected:
- [X] Discrete
- [ ] Composite

Sample Observations:
- [X] Odor None
- [X] Color Brown
- [ ] _____
- [ ] _____
- [ ] _____

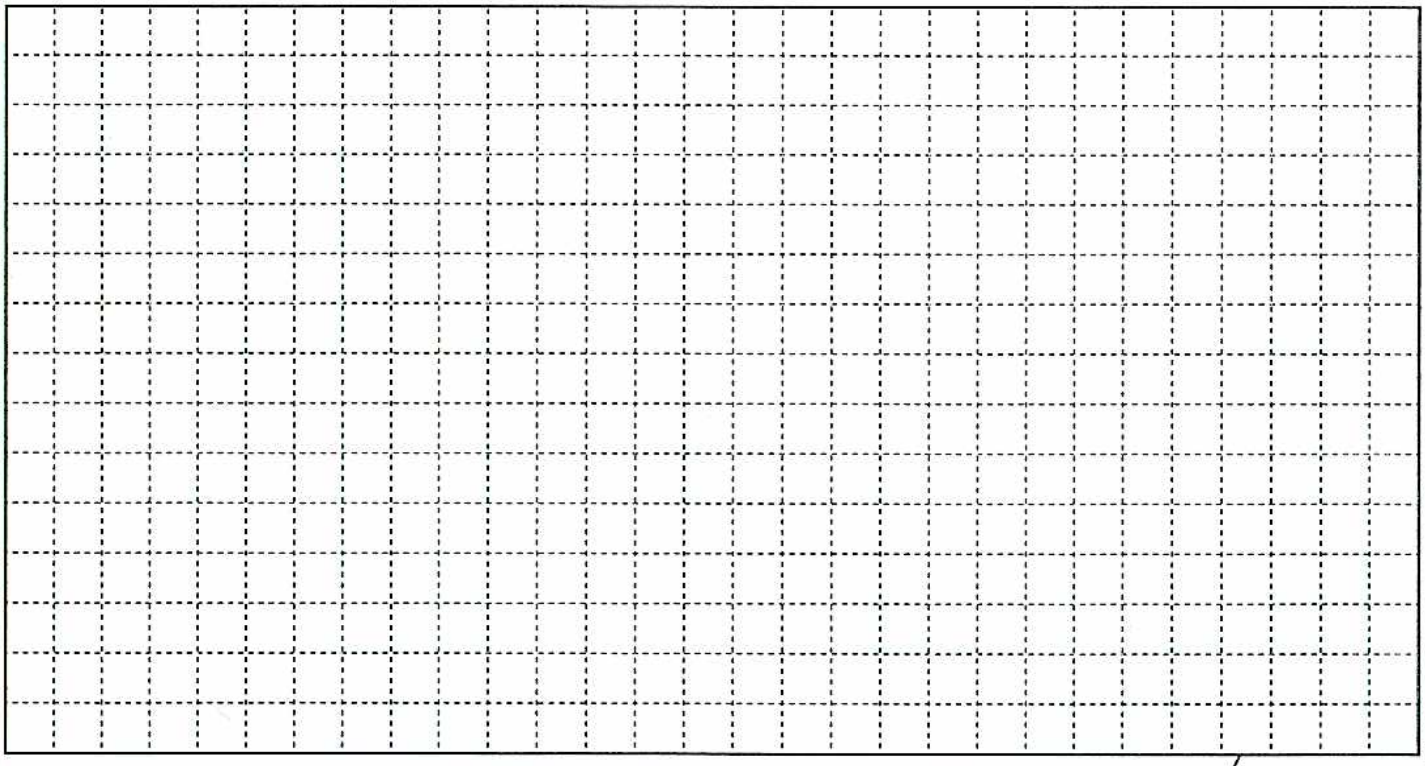
Decontamination Fluids Used:
- [ ] Deionized Water
- [ ] Liquinox Solution
- [X] Not applicable
- [ ] Dedicated Spoon
- [ ] _____

Soil Type:
- [ ] Clay
- [X] ~~H~~ Sand
- [ ] Organic
- [ ] Gravel
- [ ] _____
- [ ] _____
- [ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI375100	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1230 End 1235

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILMO4.0~~ DCR [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN W/FILL
[ ] _____
[ ] _____
[ ] _____

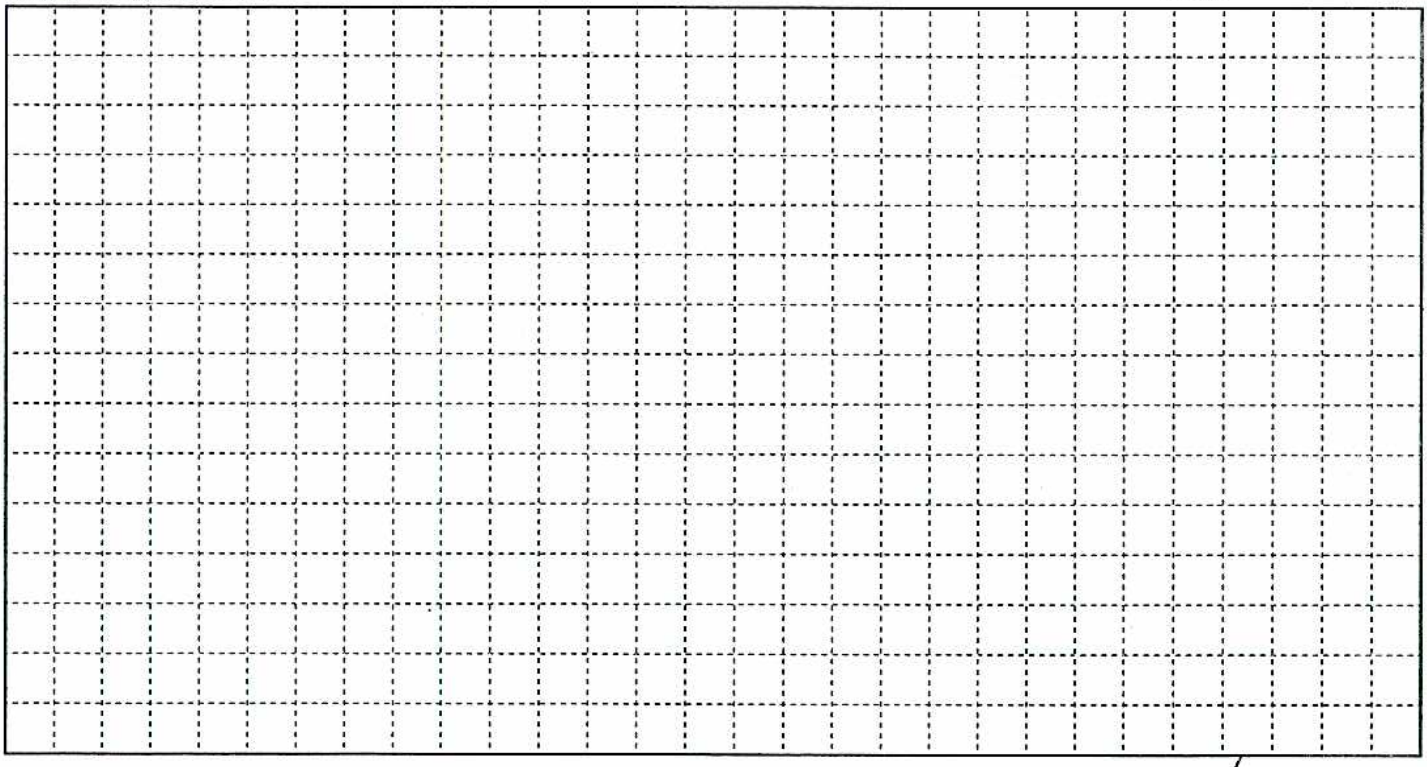
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] W/ FILL
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - FORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004.1 TO2
Sample I.D.: SS-SI37S205	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 12:30 End 12:35

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D 6A [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 5 - 6'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ] W/ FILL
[ ]
[ ]

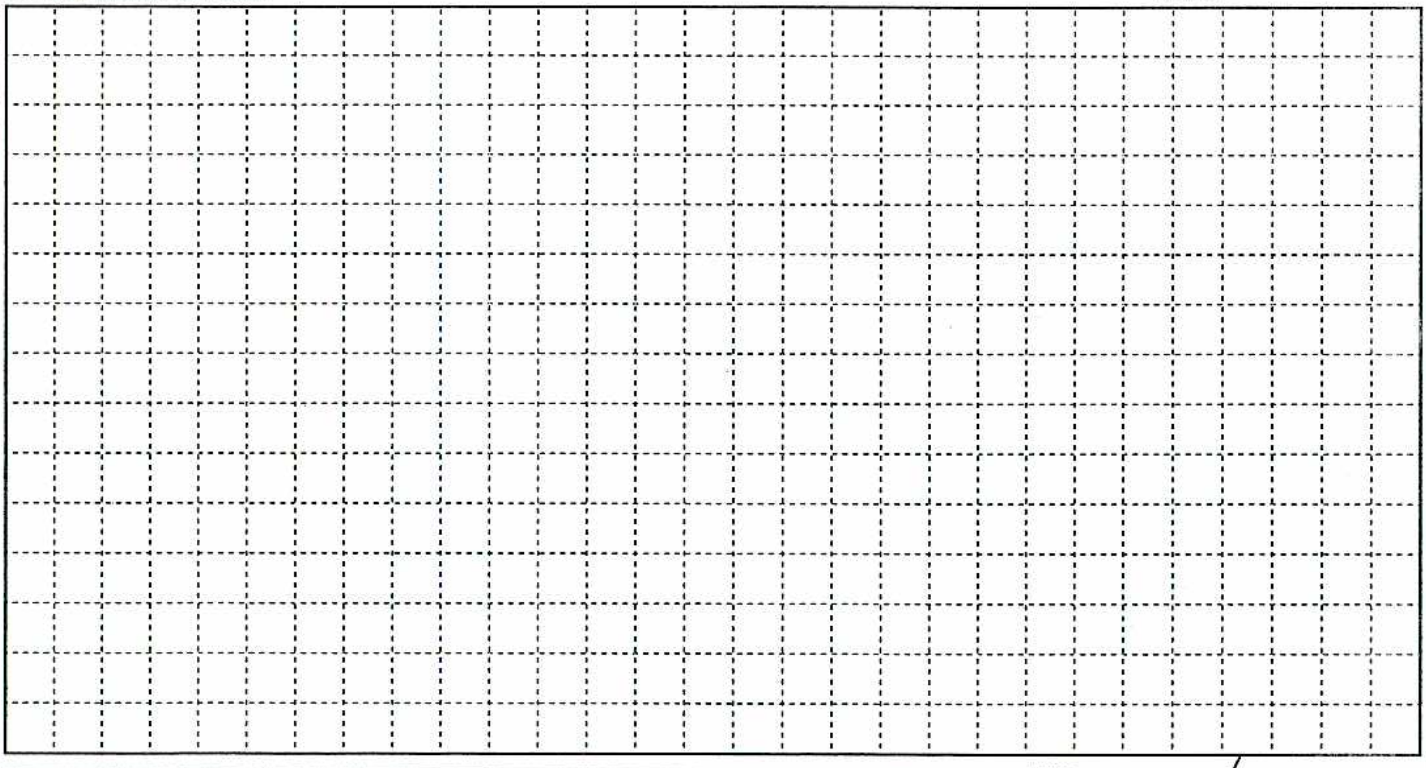
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] W/ FILL
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - FORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI38B2	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1315 End 1320

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCN [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 1'-2' below water table

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[X] Field duplicate collected

Duplicate ID _____
SS-SI38DUP

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ] _____
[ ] _____
[ ] _____

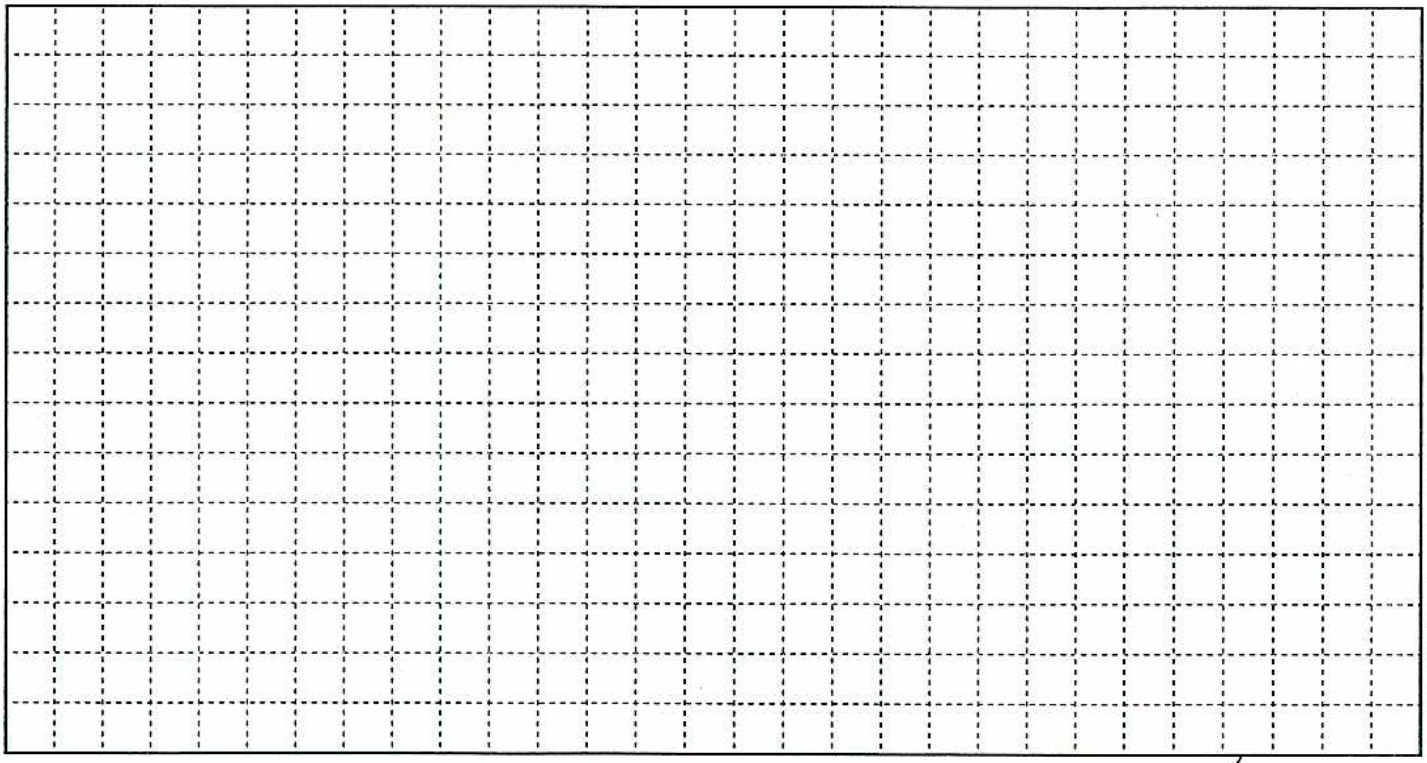
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand (Medium)
[ ] Organic
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI398 1	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1330 End 1335

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCN [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 2'-3' below water table

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color Not described/noted
[ ] _____
[ ] _____
[ ] _____

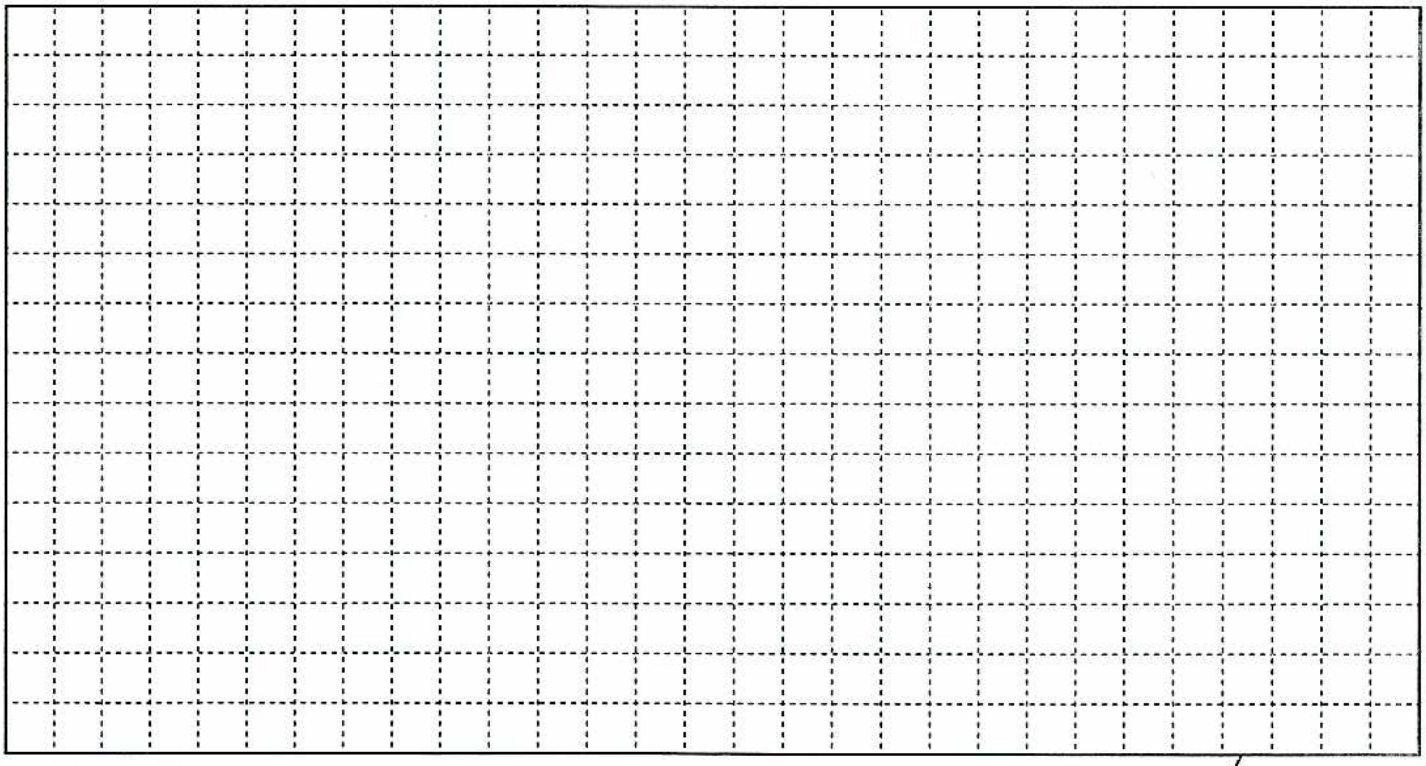
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004.1 TO2
Sample I.D.: SS-SI40B1	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1345 End 1350

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCH [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 5'-6'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor None
[X] Color Brown
[ ] _____
[ ] _____
[ ] _____

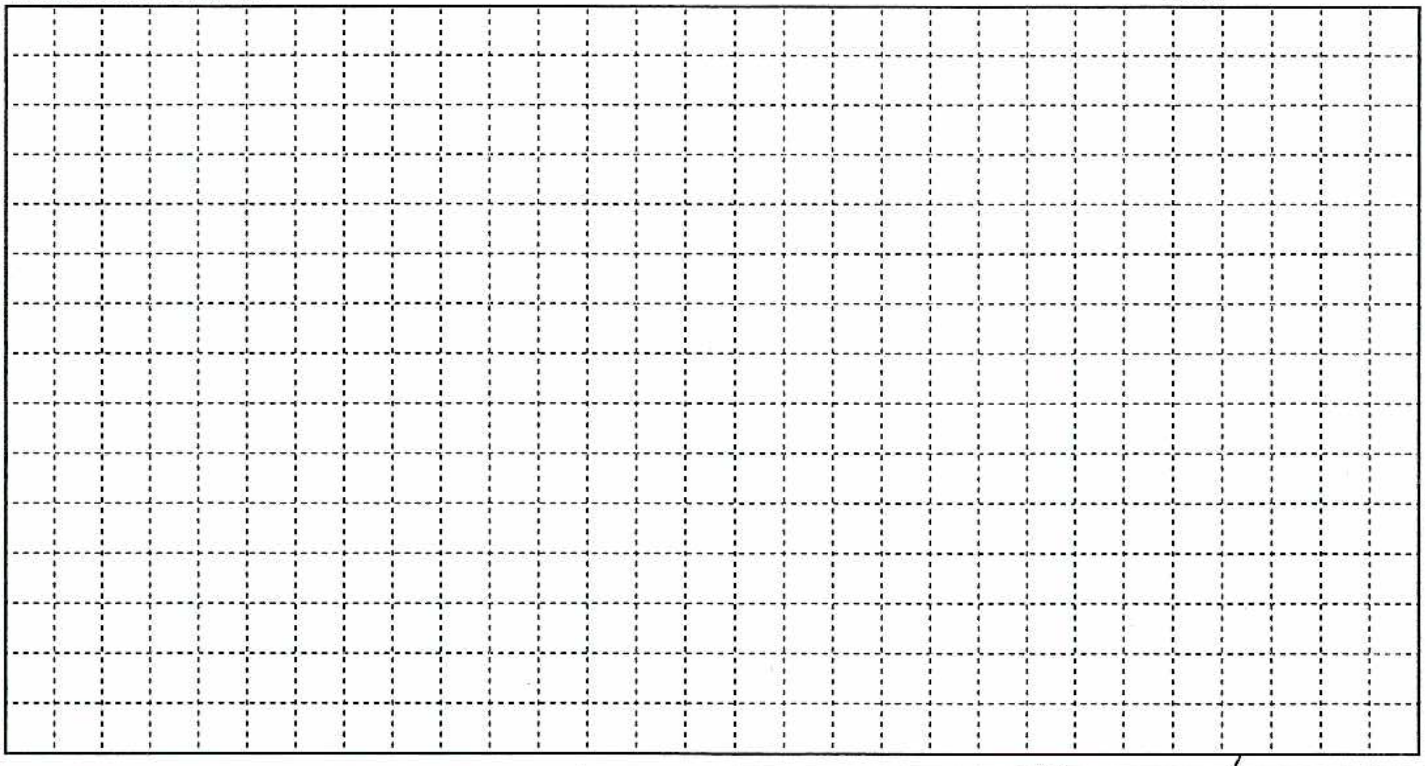
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] w/ some slag
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TOZ
Sample I.D.: SS-SI41B1	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1400 End 1405

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D 6A [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 2'-4' below ground or trench

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor Organic
[X] Color Black w/ sheen
[ ] _____
[ ] _____
[ ] _____

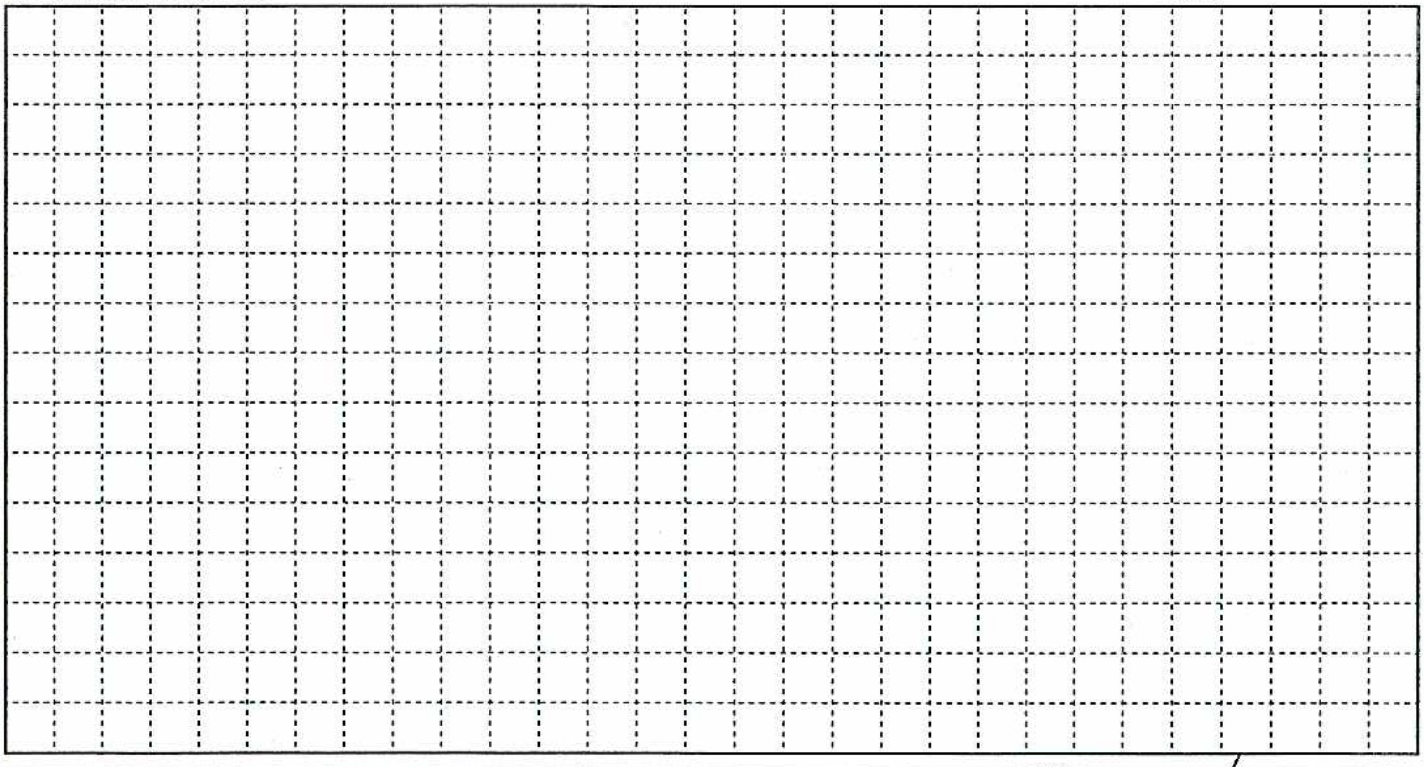
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand w/ organics
[ ] Organic muddy
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI42B1	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1415 End 1420

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D&M [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 2-4' bgs

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[X] Field duplicate collected

Duplicate ID SS-SI42Dup

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color Light BROWN SAND
[ ]
[ ]
[ ]

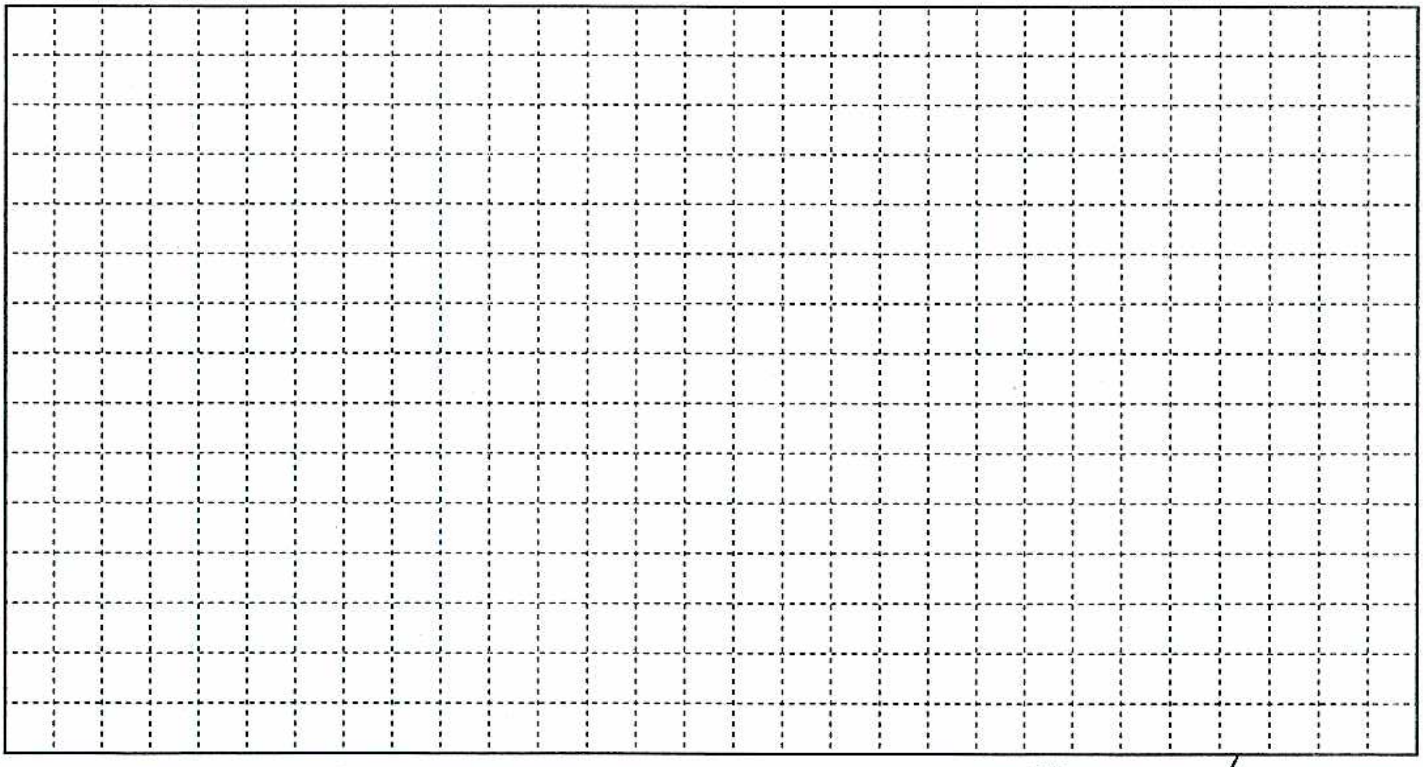
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI43B1	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1430 End 1435

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D&N [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 2'-4' bgs

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ]
[ ]
[ ]

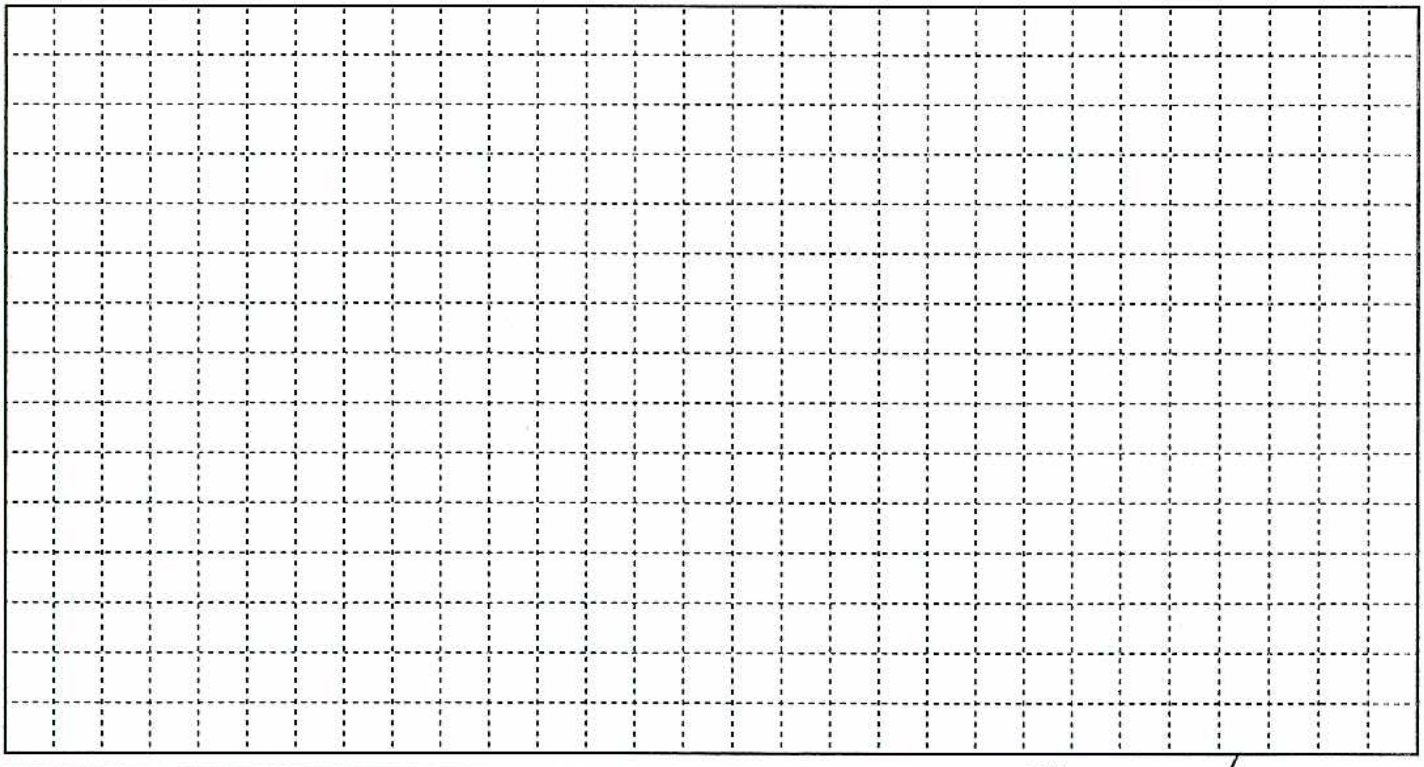
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004.1 TO2
Sample I.D.: SS-SI44B1	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1500 End 1505

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D 6A [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 4'-5'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BLACK
[ ]
[ ]
[ ]

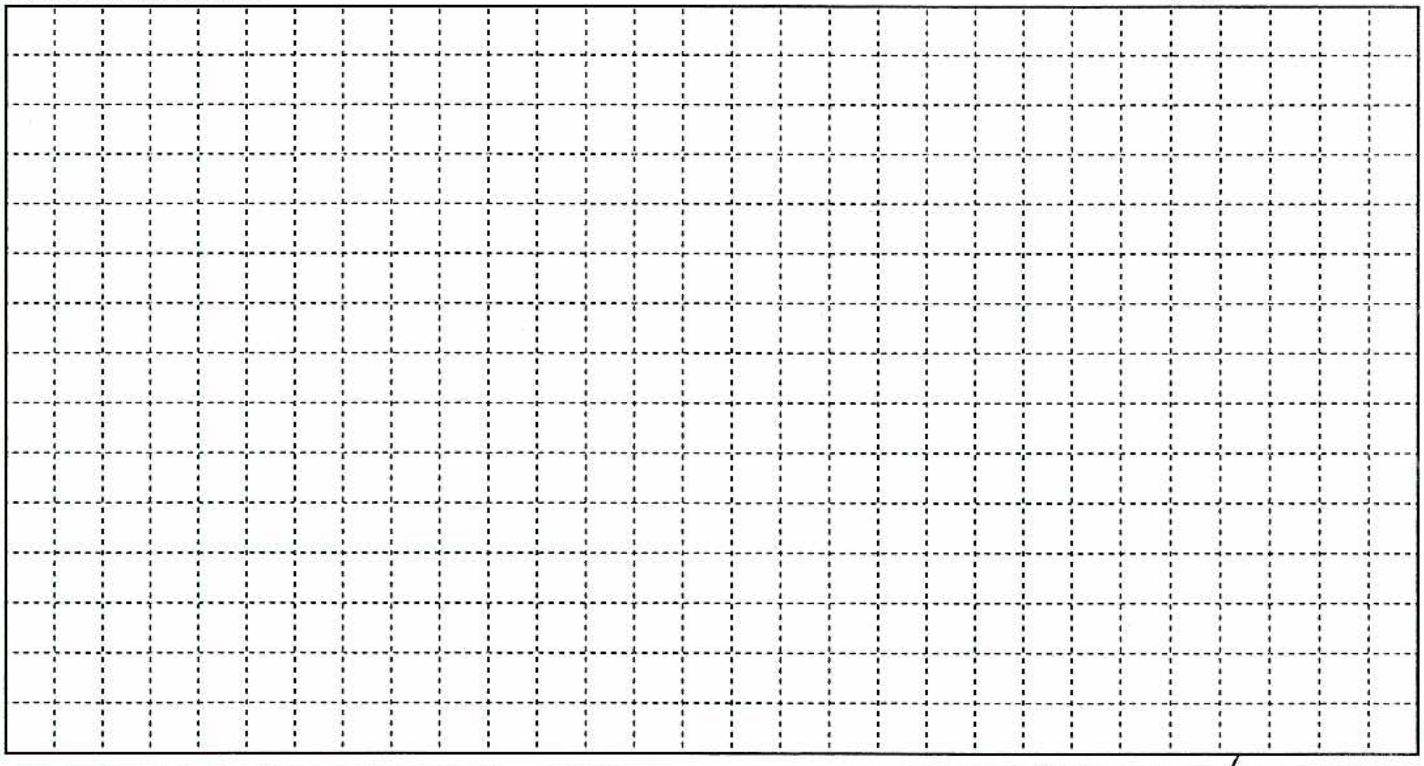
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004I TO2
Sample I.D.: SS-SI 45 B1	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1515 End 1520

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILMO4.0~~ DCN [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 3'-5'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color GRAY
[ ]
[ ]
[ ]

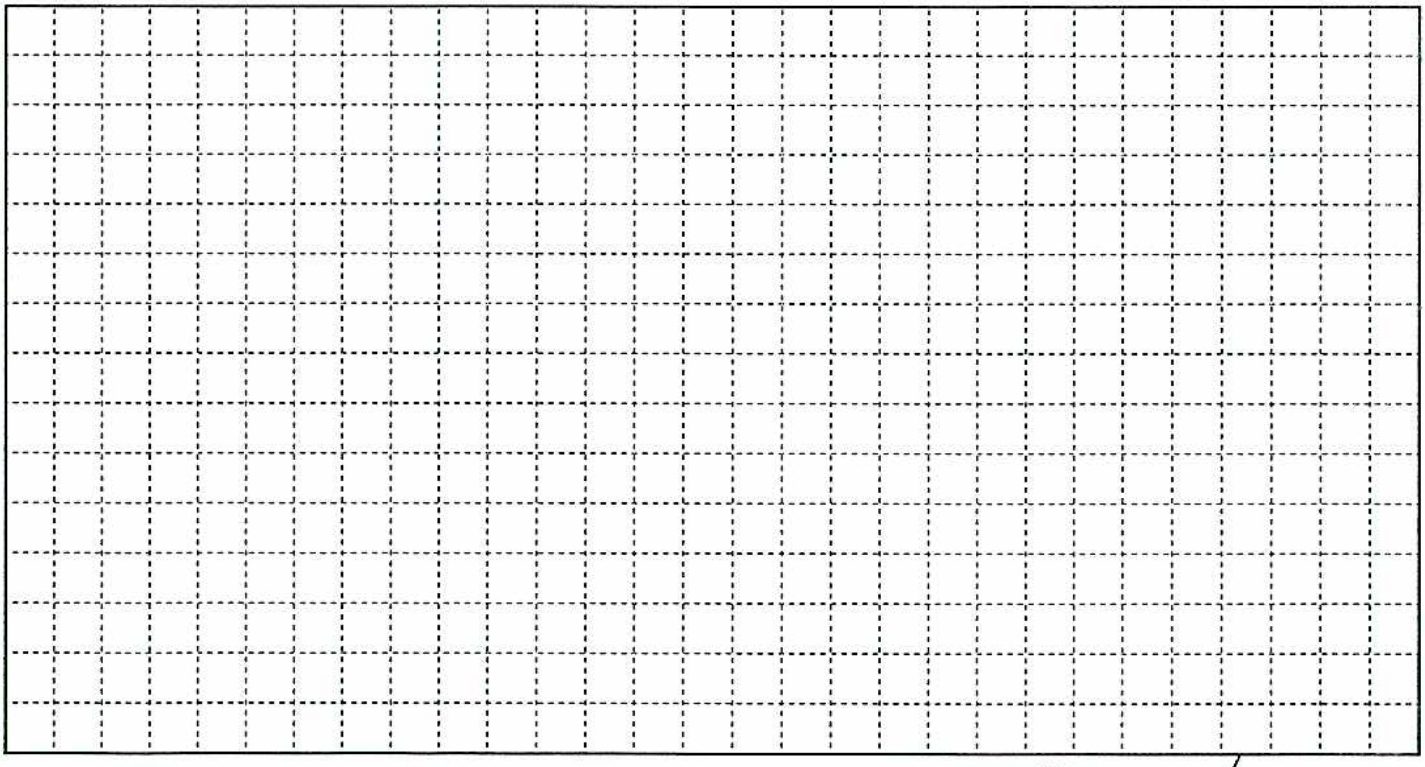
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] COARSE-GRAINED
[ ] MEDIUM SAND
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 4631	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1530 End 1540

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILMO4.0~~ D&M [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 4'-5'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ]
[ ]
[ ]

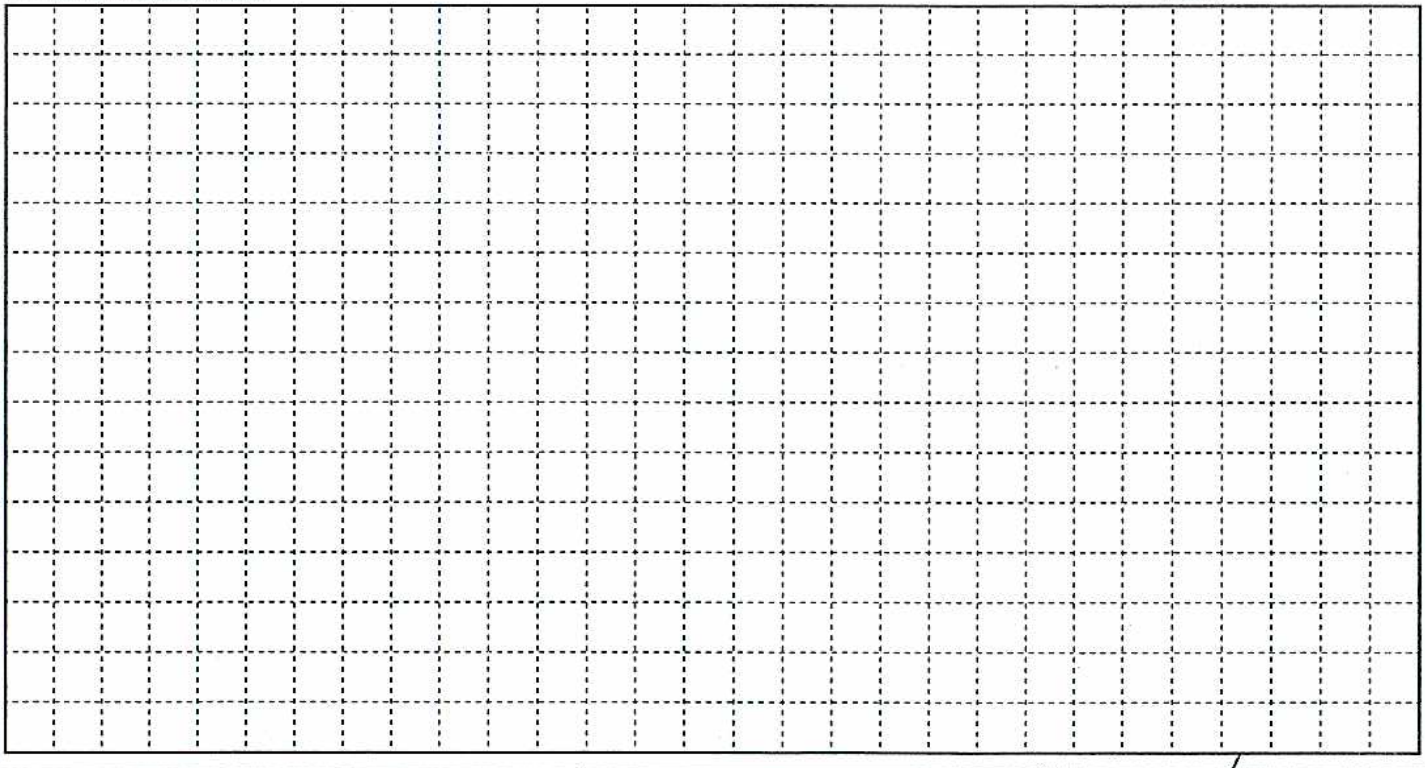
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 47B1	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1545 End 1550

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DGK [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 2'-3'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ] _____
[ ] _____
[ ] _____

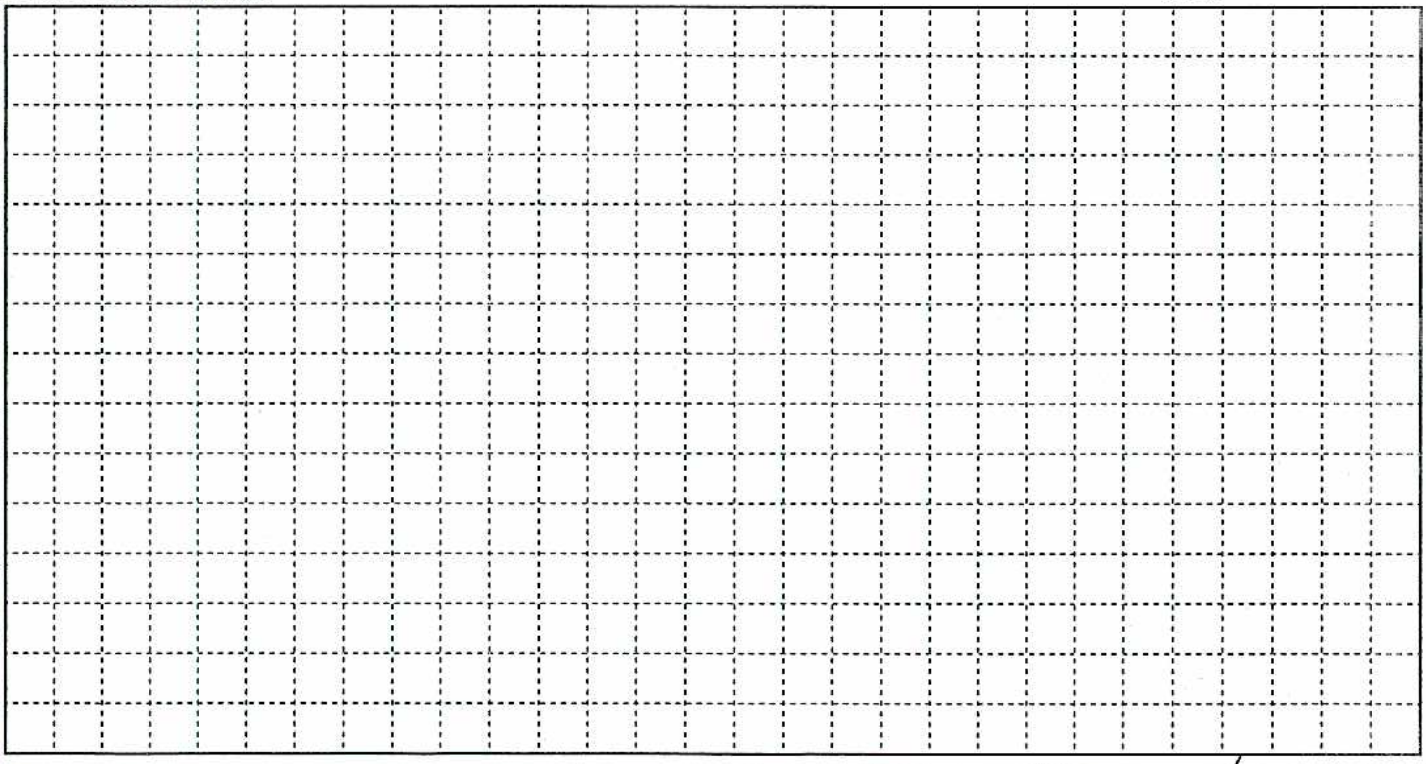
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] SAND
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 48	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1600 End 1610

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DGK [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color DARK GRAY
[ ] _____
[ ] _____
[ ] _____

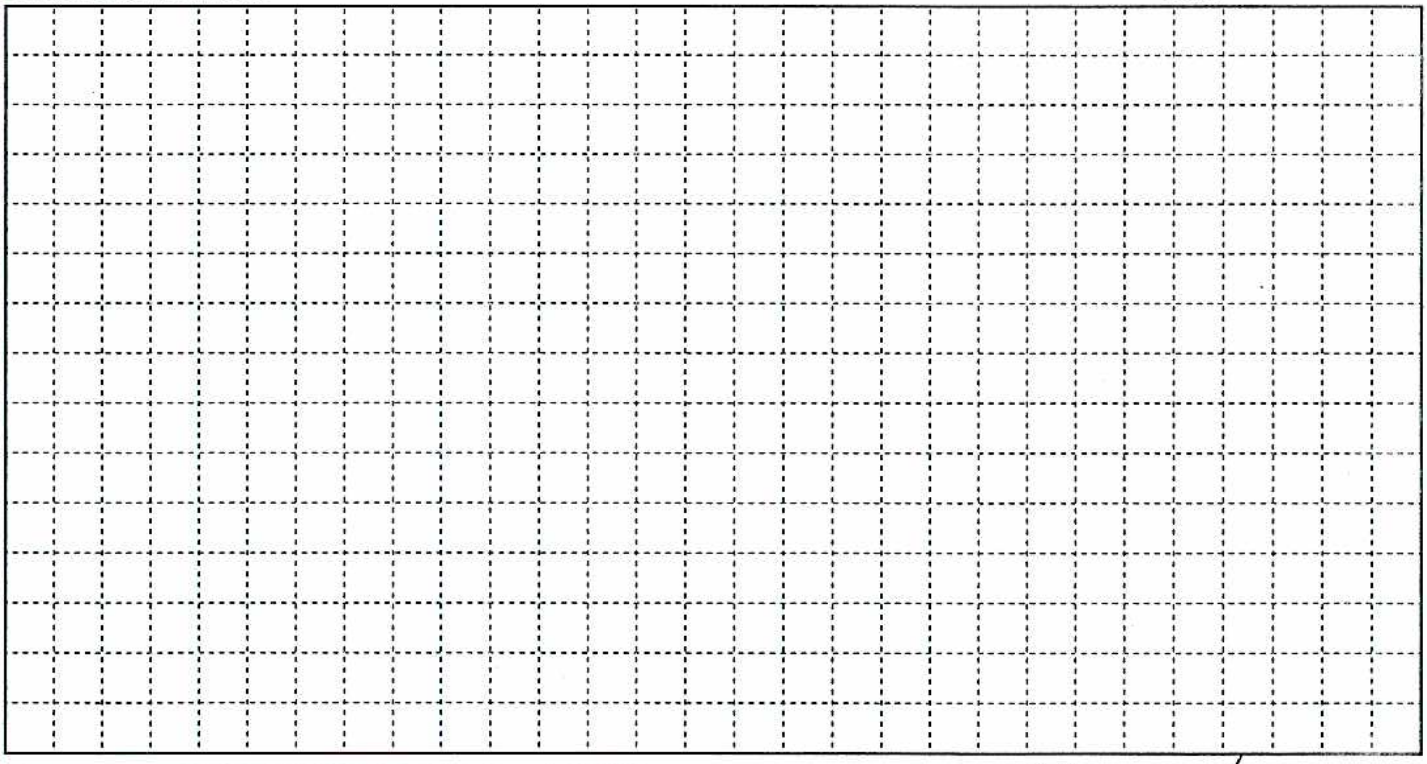
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[X] Clay
[ ] Sand
[ ] Organic
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI49	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1615 End 1620

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCN [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NO ND
[X] Color DARK BROWN
[ ]
[ ]
[ ]

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

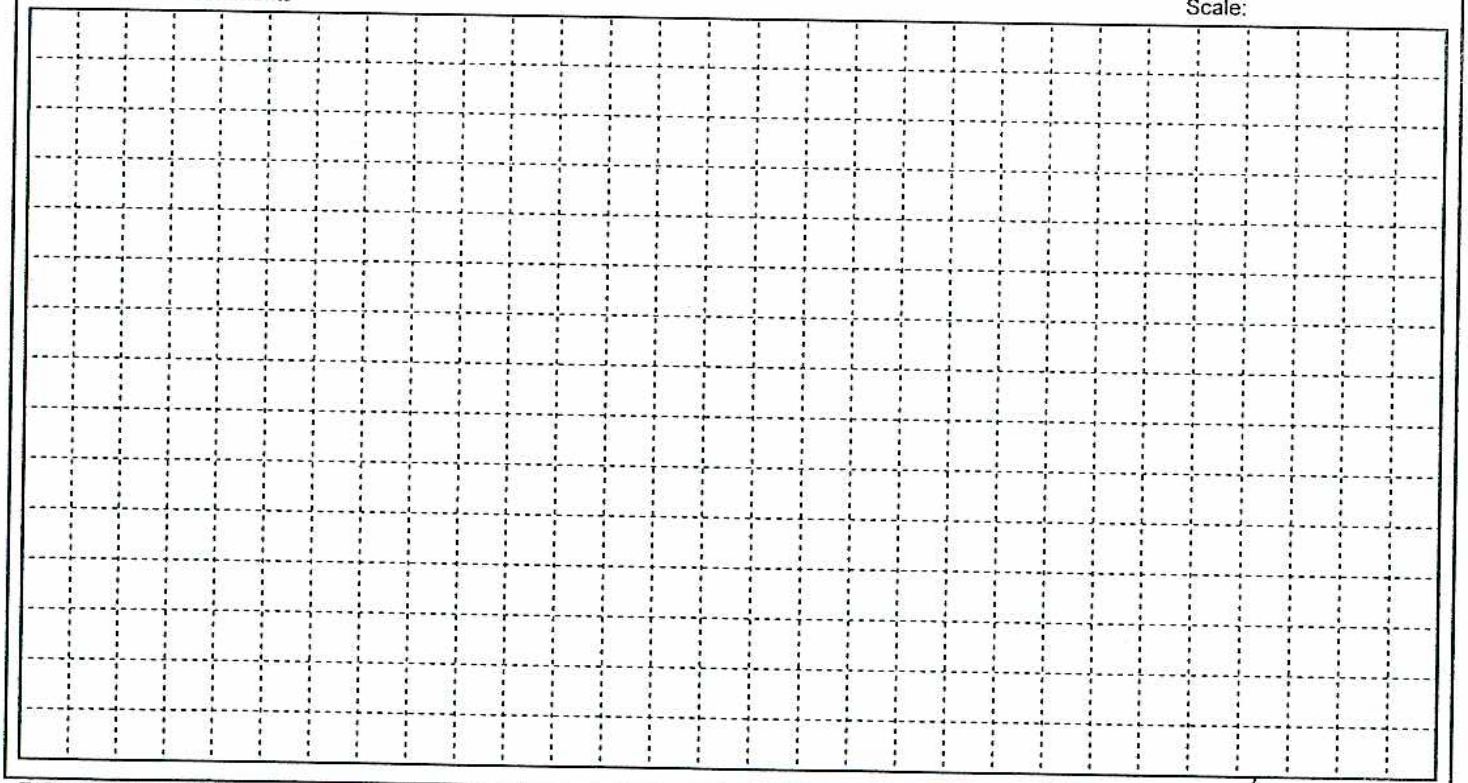
Soil Type:
[ ] Clay
[X] ~~Sand~~
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - FORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 50	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1630 End 1640

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCN [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[~~X~~] Odor NONE
[~~X~~] Color GRAY
[ ]
[ ]
[ ]

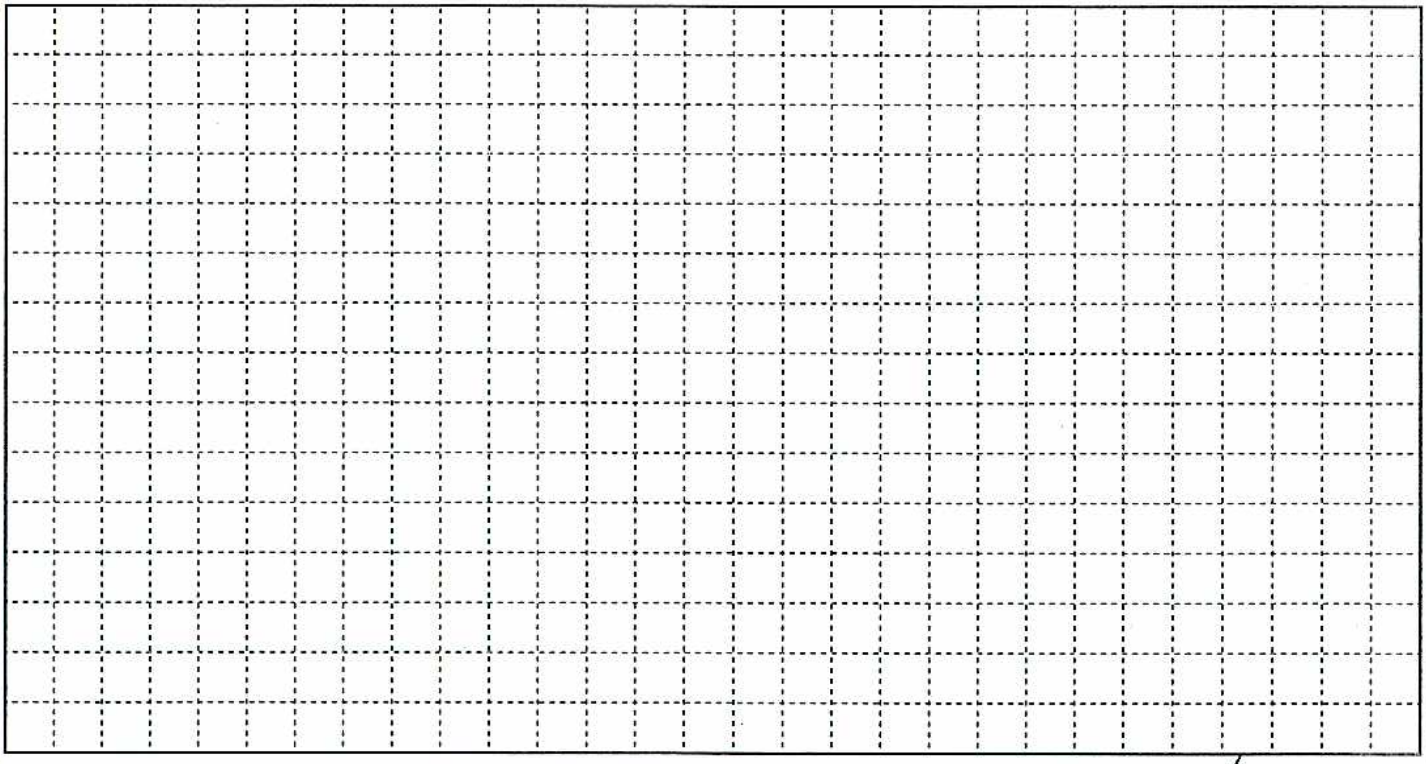
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[X] Clay
[ ] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 52 5100	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 0900 End 0910

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCN [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ] _____
[ ] _____
[ ] _____

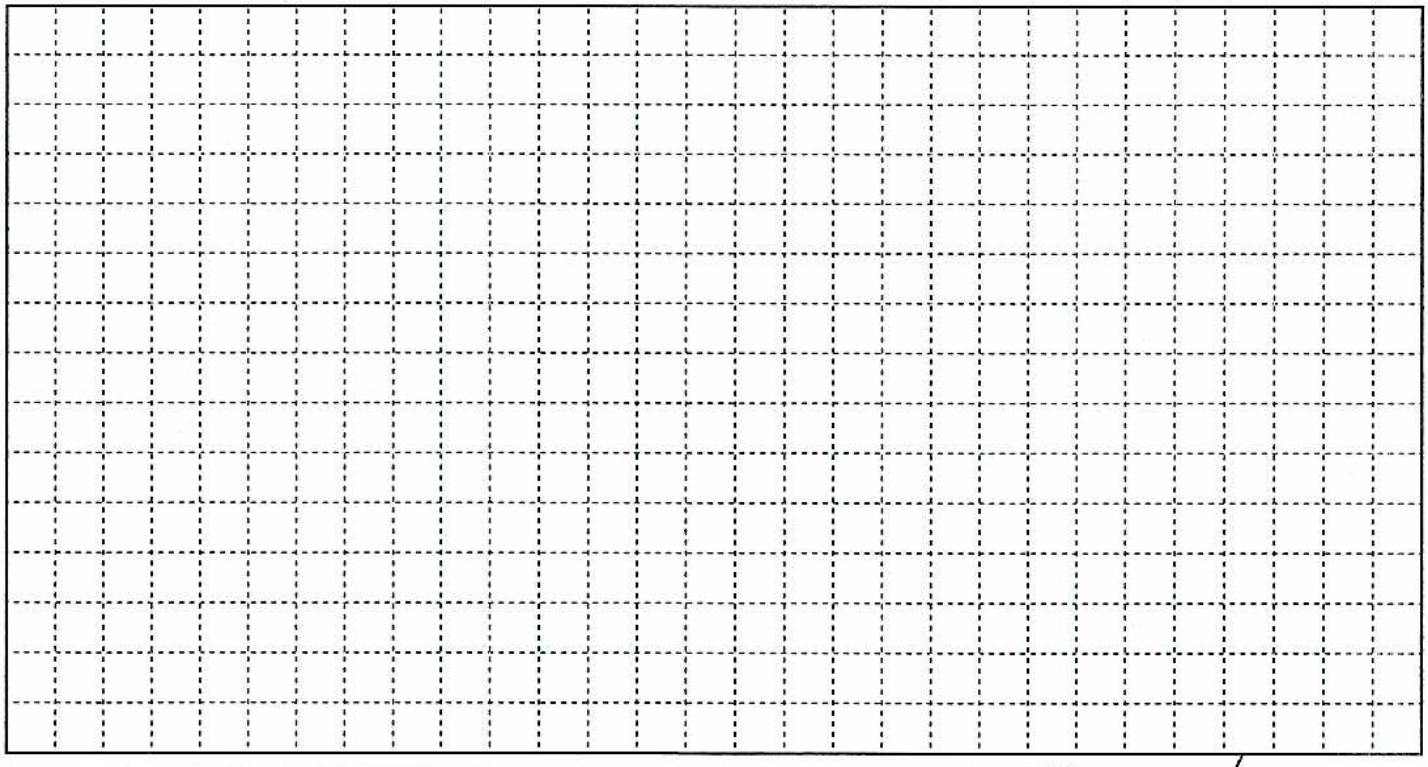
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 52 5105	Sampler: NA	Date: 7/17/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 0900 End 0910

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILMO4.0~~ DGK [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 5'-6'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[ ] Odor NONE
[ ] Color BROWN
[ ]
[ ]
[ ]

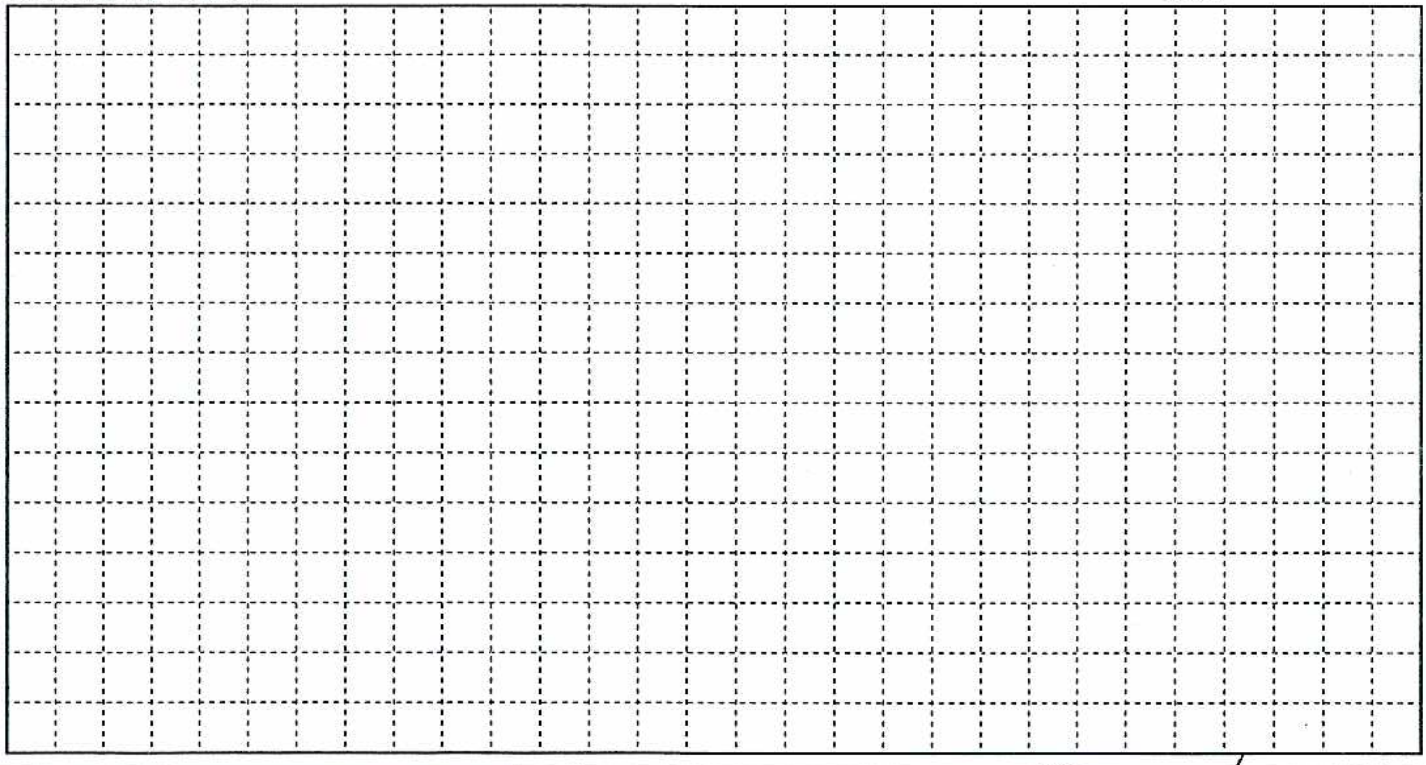
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[ ] Sand
[X] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004.1 TO2
Sample I.D.: SS-SI 535100	Sampler: NA	Date: 7/19/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 0915 End 0920

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D&M [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color DARK BROWN
[ ]
[ ]
[ ]

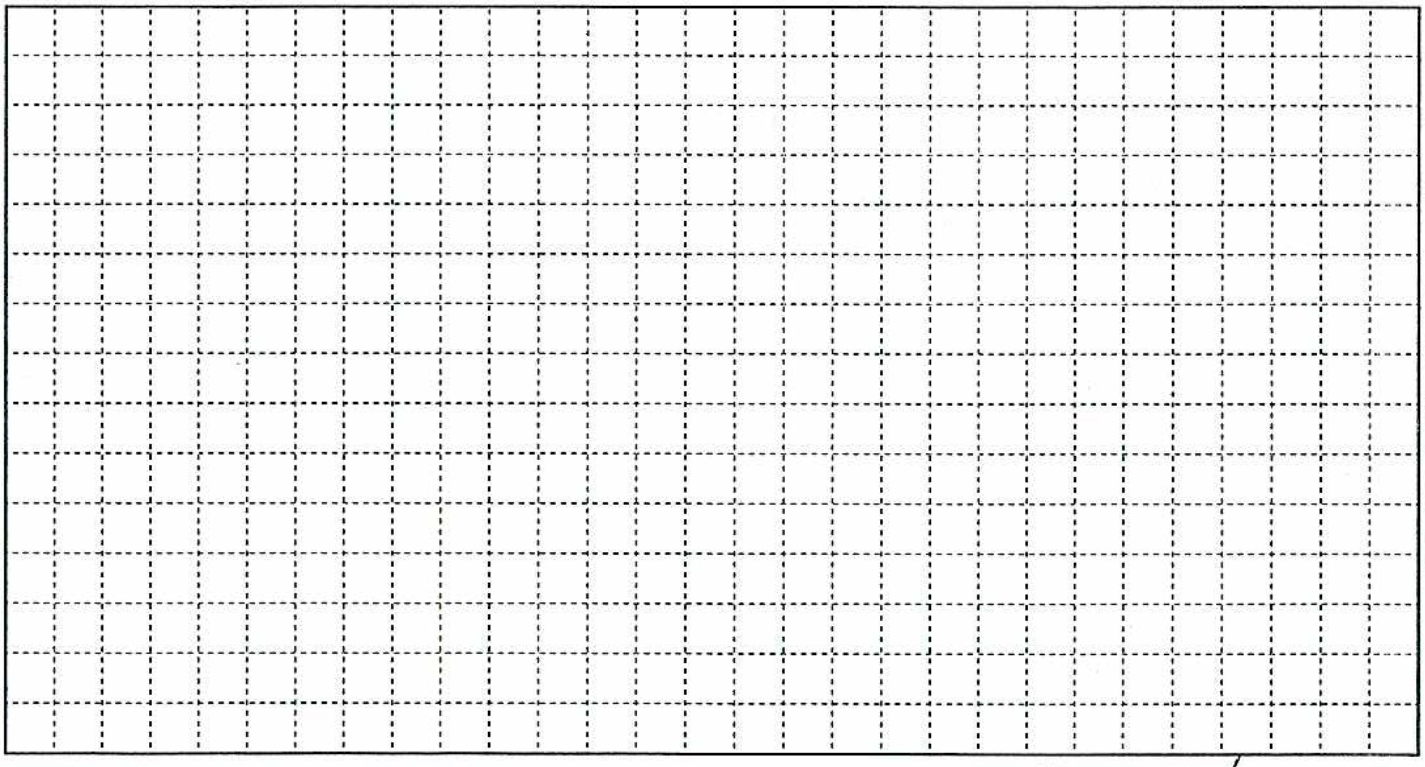
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004.1 TO2
Sample I.D.: SS-SI 535105	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 0915 End 0920

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D Cu [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) S/C/

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color LIGHT BROWN
[ ]
[ ]
[ ]

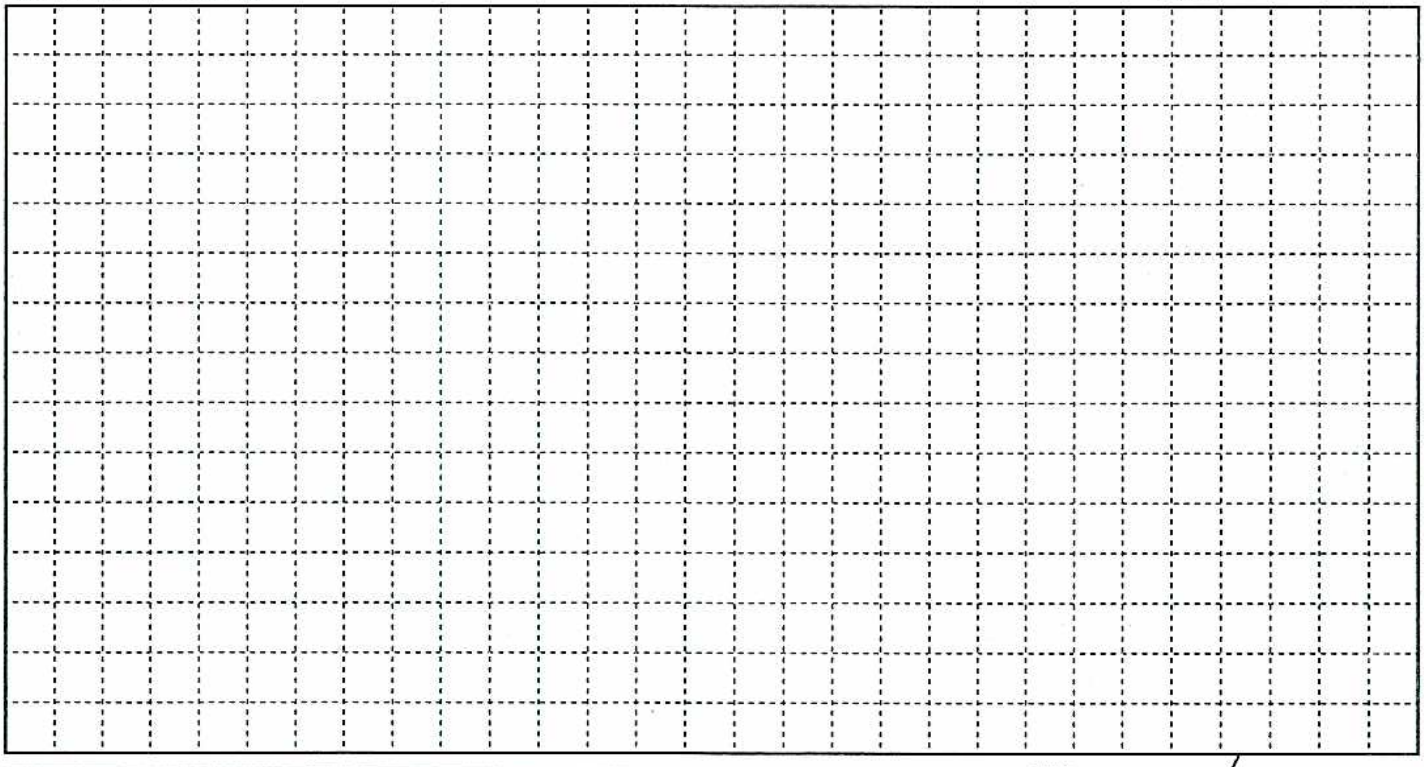
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004.1 TO2
Sample I.D.: SS-SI 54 S100	Sampler: NA	Date: 7/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 0930 End 0935

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DGK [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN (LIGHT BROWN)
[ ]
[ ]
[ ]

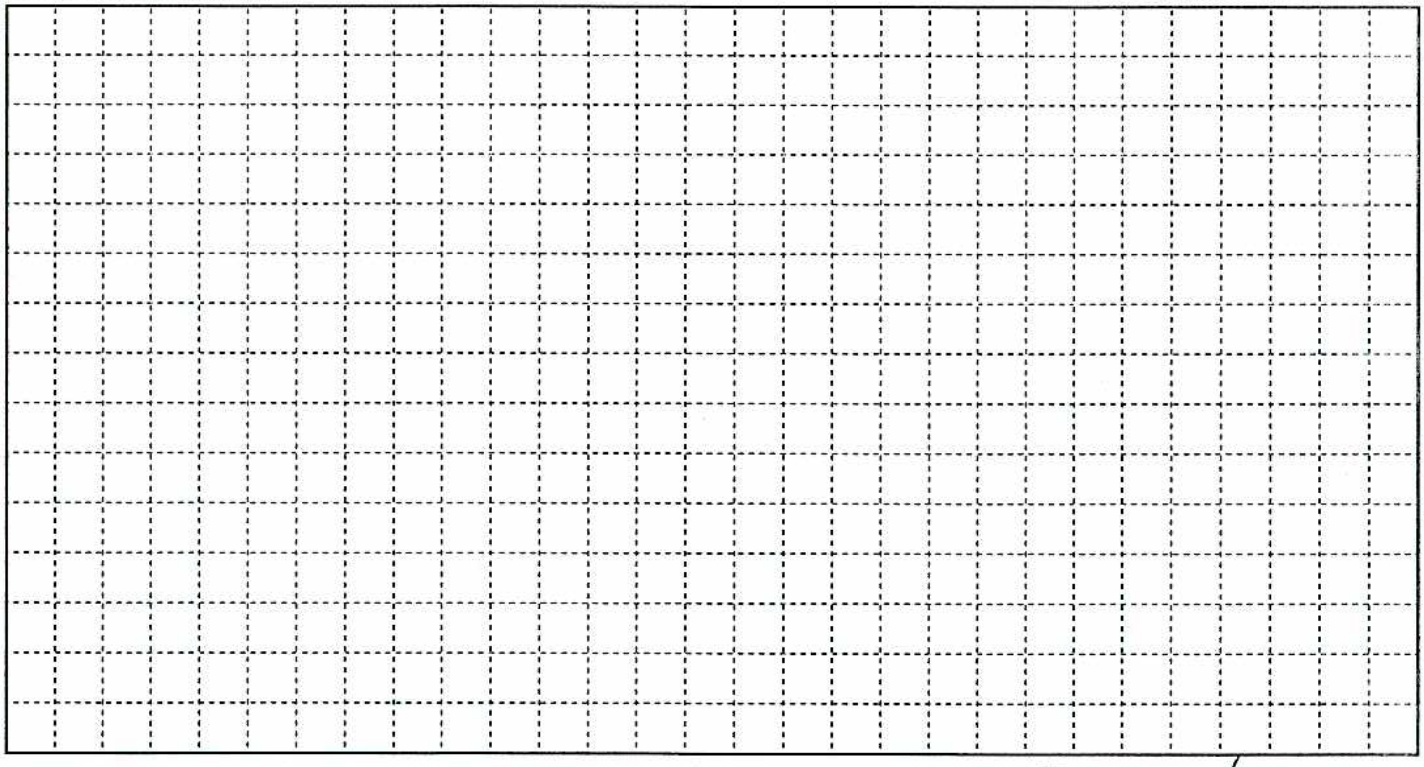
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004.1 TO2
Sample I.D.: SS-SI SYS105	Sampler: NA	Date: 7/13/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 0930 End 0940

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCN [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) SY-61

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor _____
[X] Color DARK BROWN
[ ] BLACK
[ ] W/ FILL
[ ] _____
[ ] _____

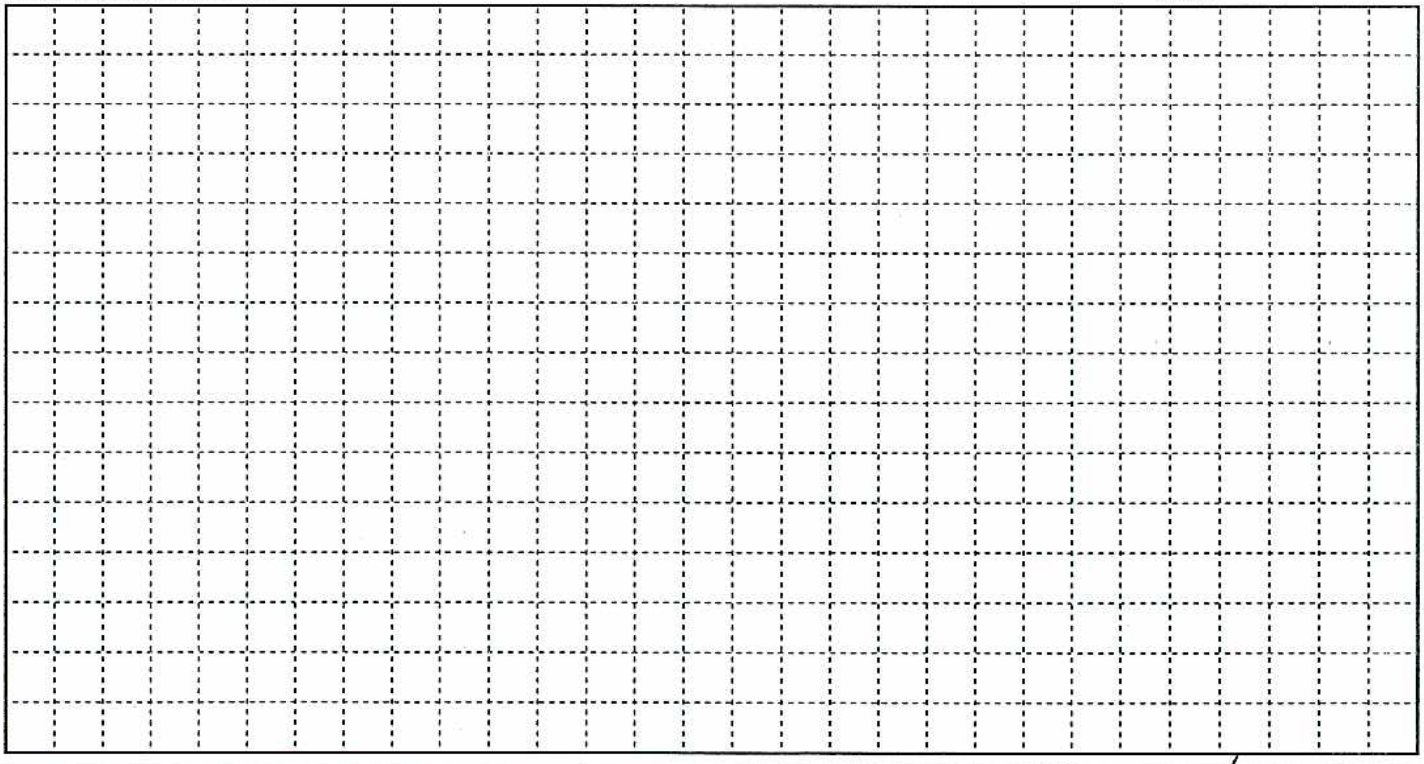
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 5581	Sampler: NA	Date: 7/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 0945 End 0950

Samples for Chemical Analysis:
- [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCN
- [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s): NA

Photographs Taken/Description
1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
- [ ] Tulip Bulb Planter
- [X] S.S. Spoon
- [ ] Knife
- [ ] S.S. Spatula
- [ ] S.S. Bowl
- [ ]
- [ ]
- [ ]

Type of Sample Collected:
- [X] Discrete
- [ ] Composite

Sample Observations:
- [X] Odor NONE
- [X] Color BROWN
- [ ]
- [ ]
- [ ]

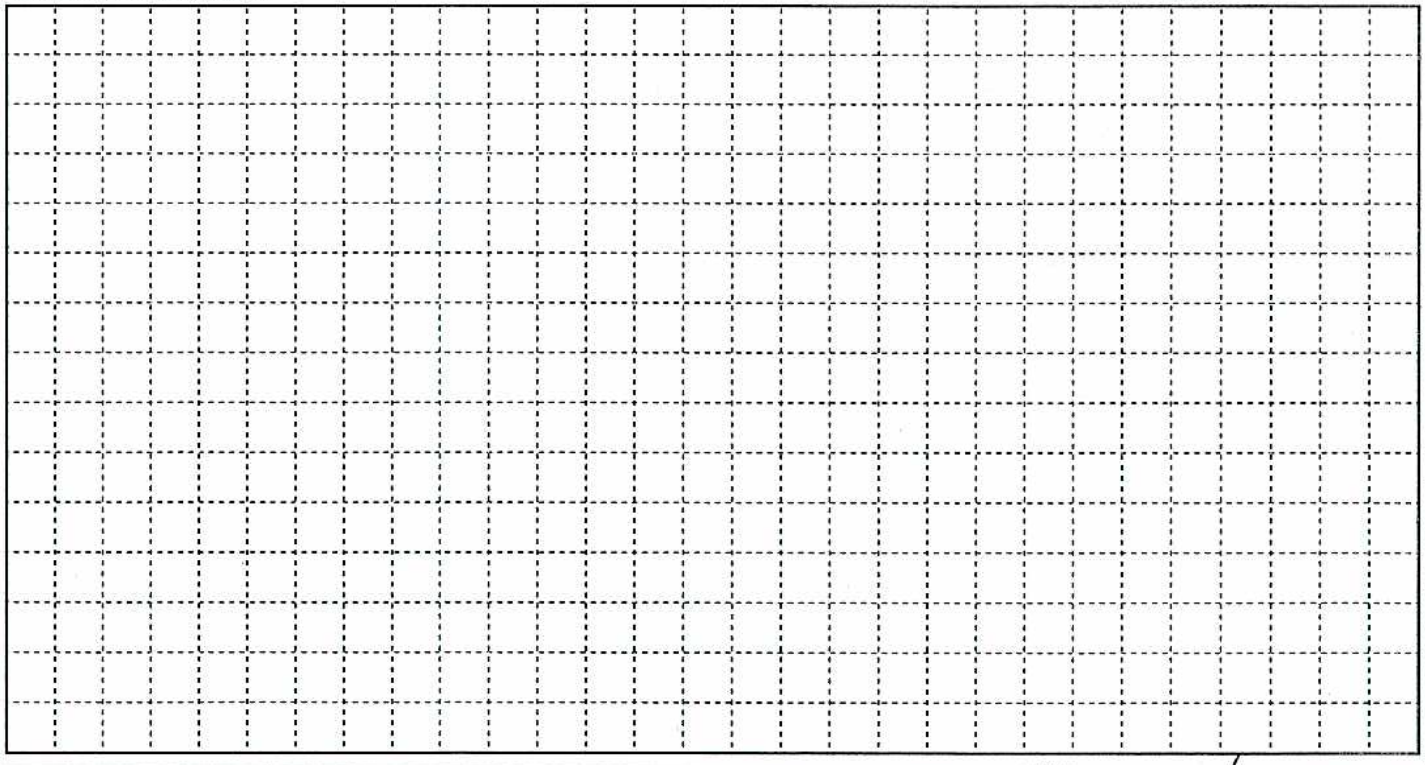
Decontamination Fluids Used:
- [ ] Deionized Water
- [ ] Liquinox Solution
- [X] Not applicable
- [ ] Dedicated Spoon
- [ ]

Soil Type:
- [ ] Clay
- [X] Sand
- [ ] Organic
- [ ] Gravel
- [ ]
- [ ]
- [ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 563100	Sampler: NA	Date: 7/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1000 End 1015

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DGK [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ] _____
[ ] _____
[ ] _____

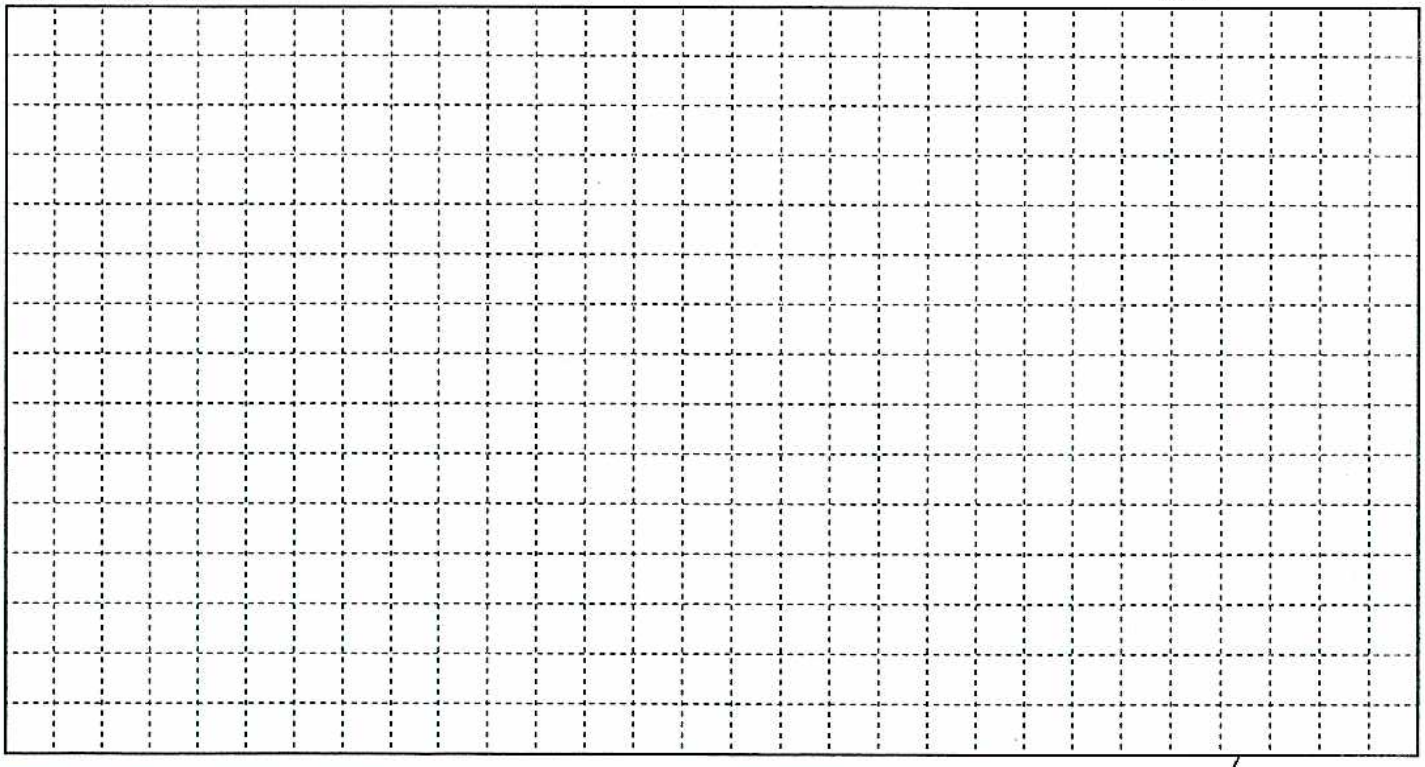
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] ~~Sand~~
[X] Organic w/ ROOTS
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TOZ
Sample I.D.: SS-SI 565105	Sampler: NA	Date: 7/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1000 End 1010

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILMO4.0~~ DCA [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 5'-6'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[ ] ~~Odor~~
[X] Color TAN SAND
[ ] W/ ROOTS
[ ]
[ ]

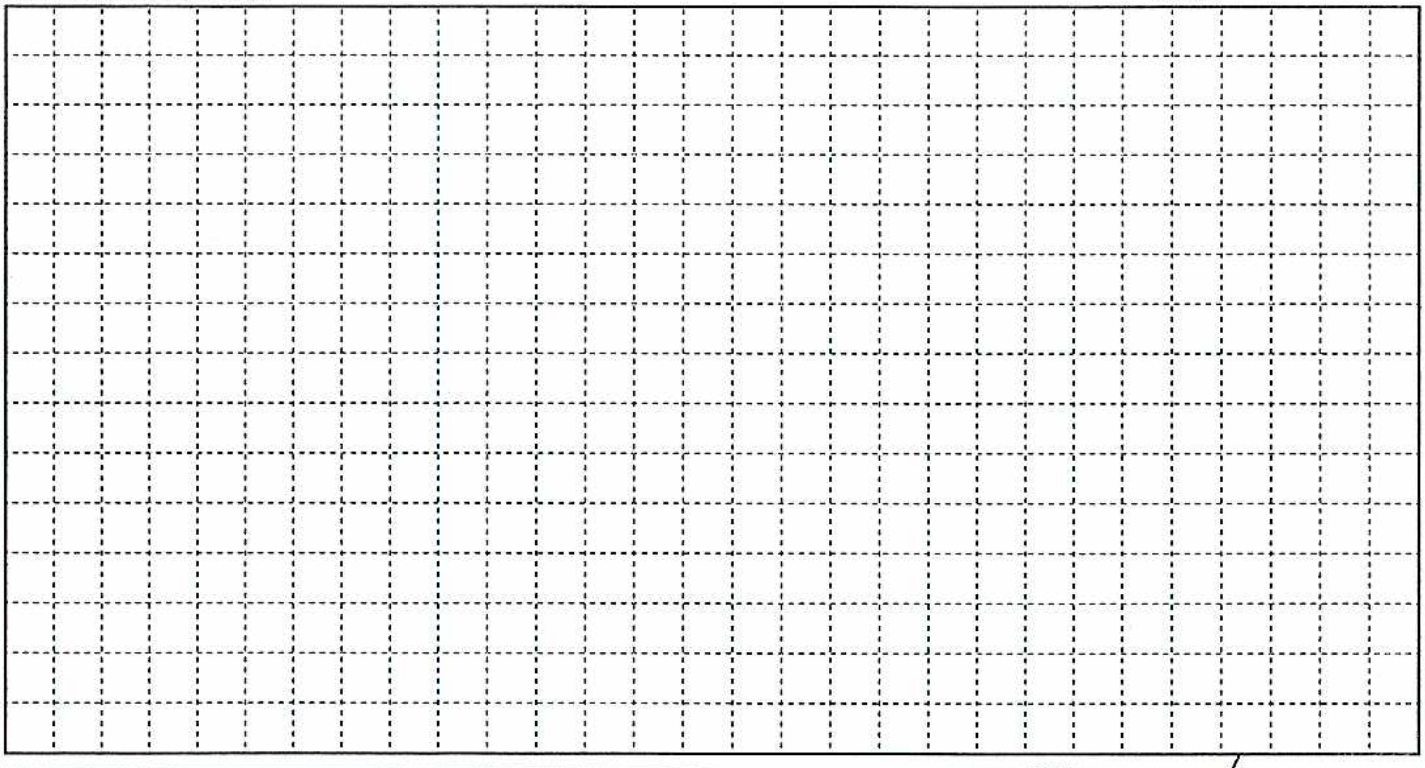
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project:	Sampler:	Job No.:
TEXTRON - GORHAM	DARON KURKJIAN	3650050041 TO2
Sample I.D.:	**Sampler:**	**Date:**
SS-SI S7 B1	NA	7/14/06
Location:	**Witness:**	**Time:**
See Site Figure	VERTEX, INC.	Start 1015 End 1020

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D&R [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 6'-7'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color TAN
[ ] _____
[ ] _____
[ ] _____

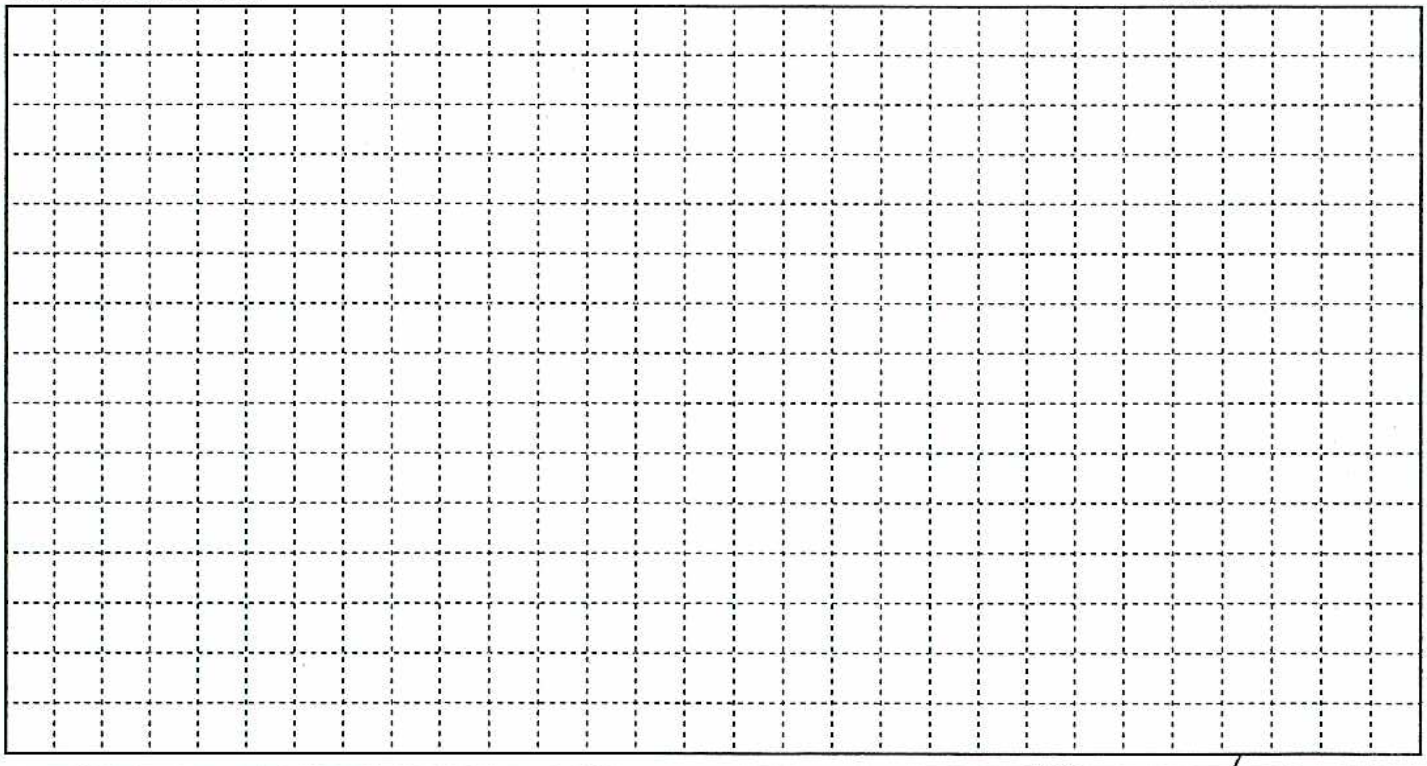
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TOZ
Sample I.D.: SS-SI 58	Sampler: NA	Date: 7/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1030 End 1035

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCN [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color TAN W/FILL
[ ] BRICK + SLAG SHARDS
[ ]
[ ]

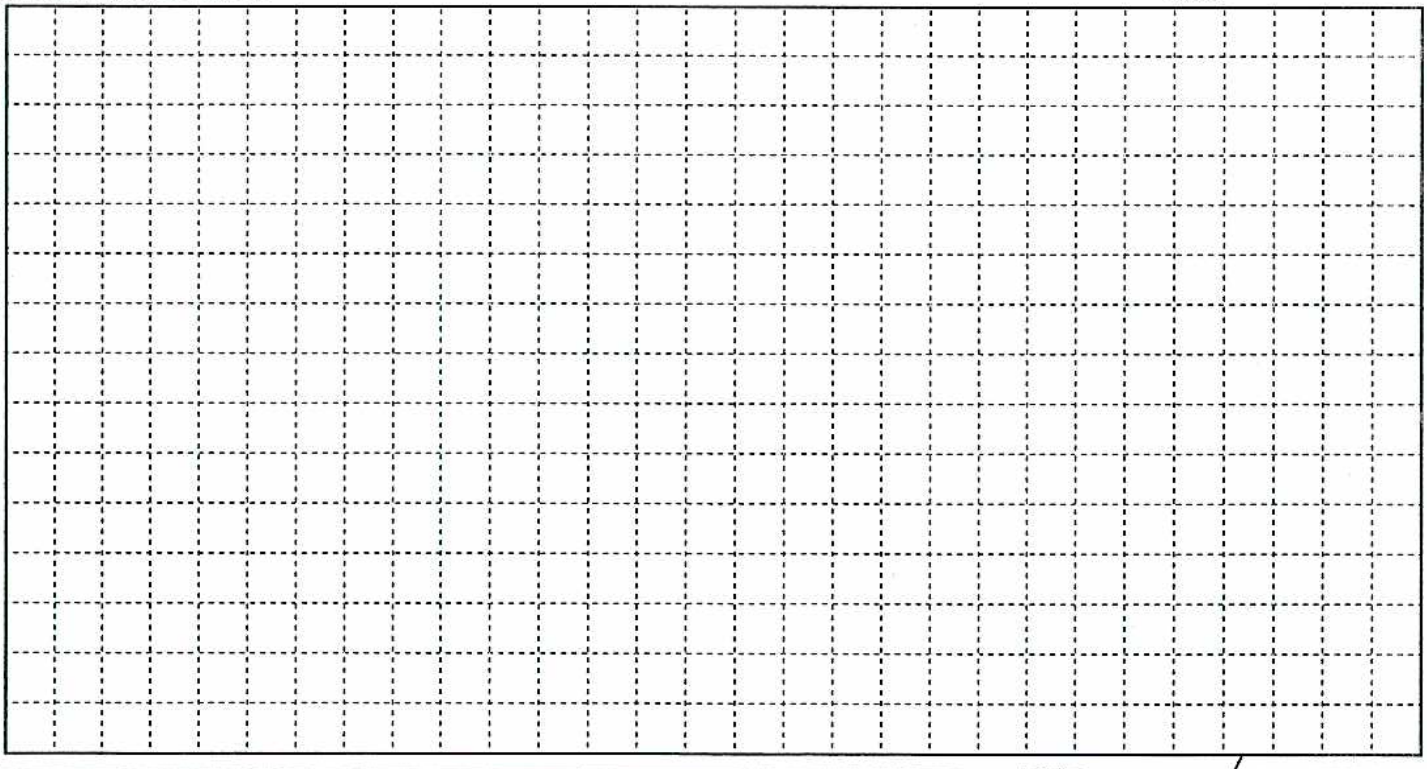
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004.1 TO2
Sample I.D.: SS-SI 59	Sampler: NA	Date: 7/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1045 End 1050

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D&M [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN TAN
[ ] w/ BRICK
[ ]
[ ]

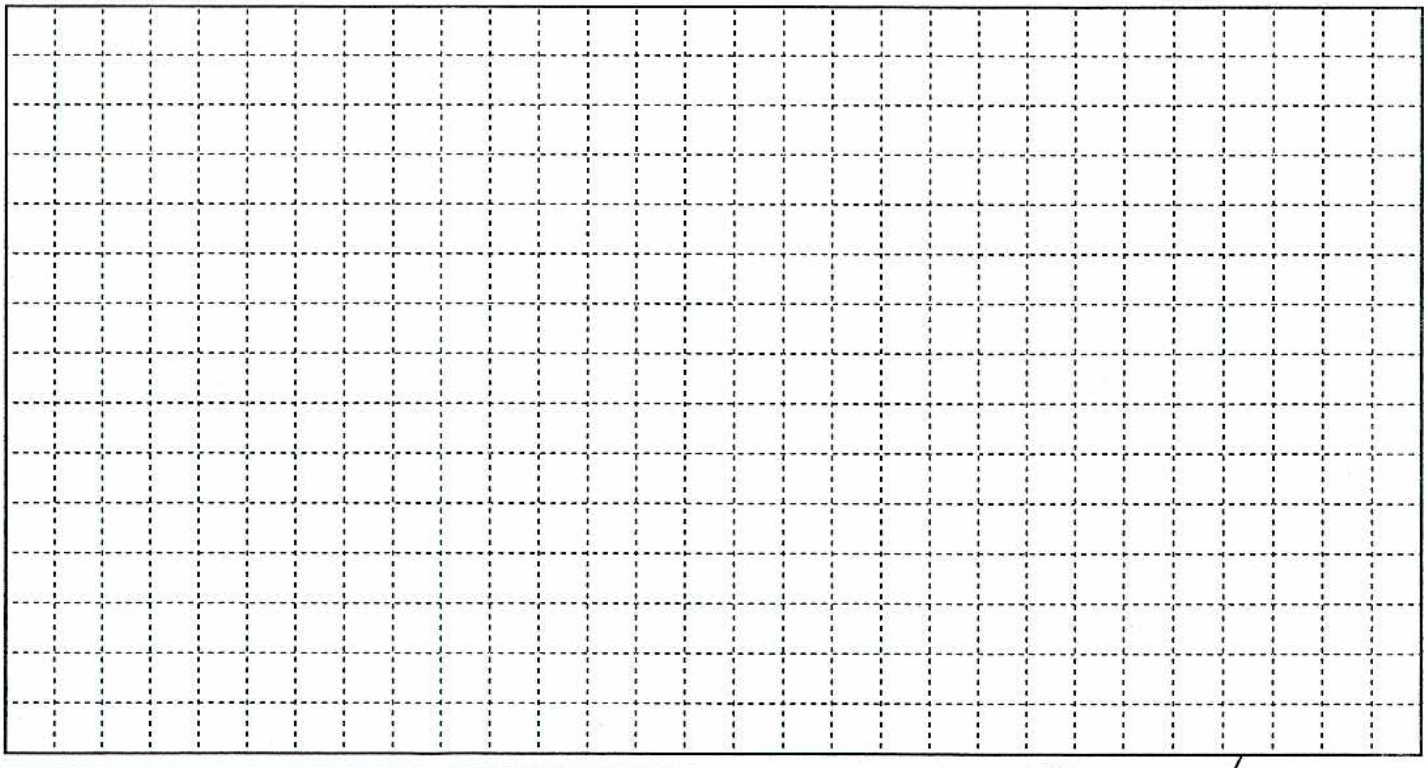
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004I TO2
Sample I.D.: SS-SI 60	Sampler: NA	Date: 7/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 11:00 End 11:10

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCR [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ]
[ ]
[ ]

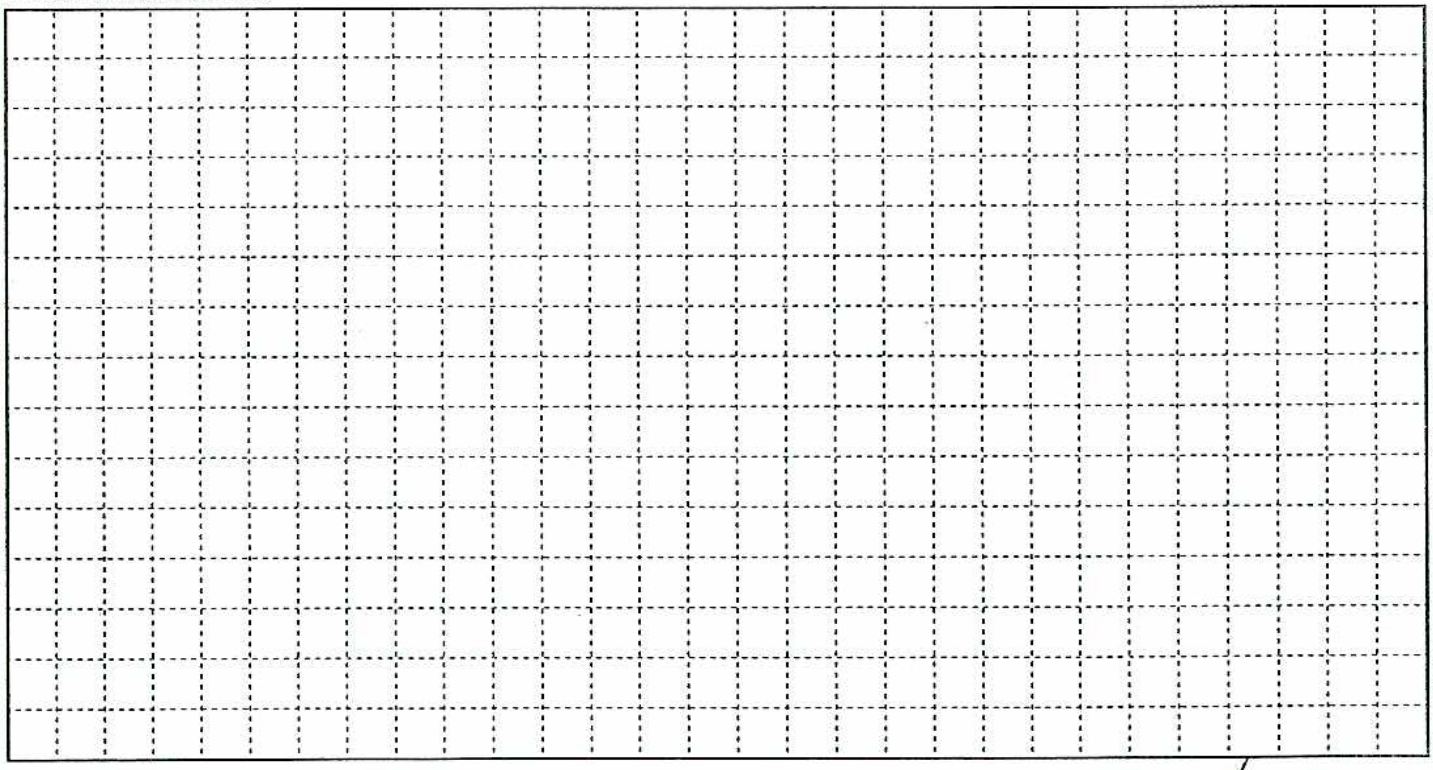
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[ ] Sand
[ ] Organic
[ ] Gravel
[X] FILL W/ BRICK
[ ] + SLAG
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004.1 TO2
Sample I.D.: SS-SI 6/5100	Sampler: NA	Date: 7/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1115 End 1120

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCH [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) _____

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[ ] Odor _____
[X] Color BROWN
[ ] _____
[ ] _____
[ ] _____

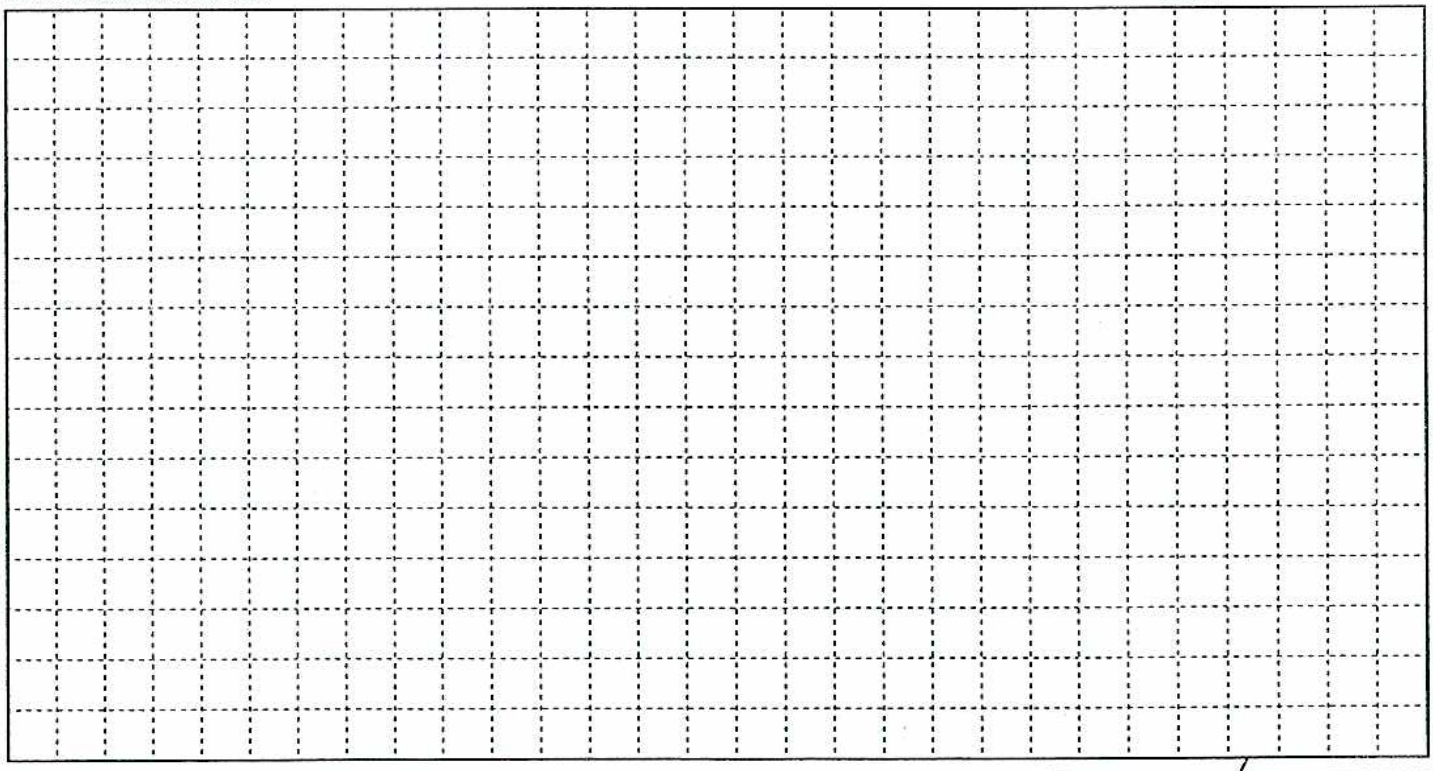
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[X] ~~Clay~~ DM
[ ] Sand
[ ] Organic
[ ] Gravel
[X] FILL w/ SCAL
[ ] + BRICK
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project:	Sampler:	Job No.:
TEXTRON - GORHAM	DARON KURKJIAN	3650050041 TO2
Sample I.D.:	**Sampler:**	**Date:**
SS-SI 615105	NA	7/14/06
Location:	**Witness:**	**Time:**
See Site Figure	VERTEX, INC.	Start 1115 End 1120

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILMO4.0~~ DGH [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) S'-6'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color TAN
[ ] _____
[ ] _____
[ ] _____

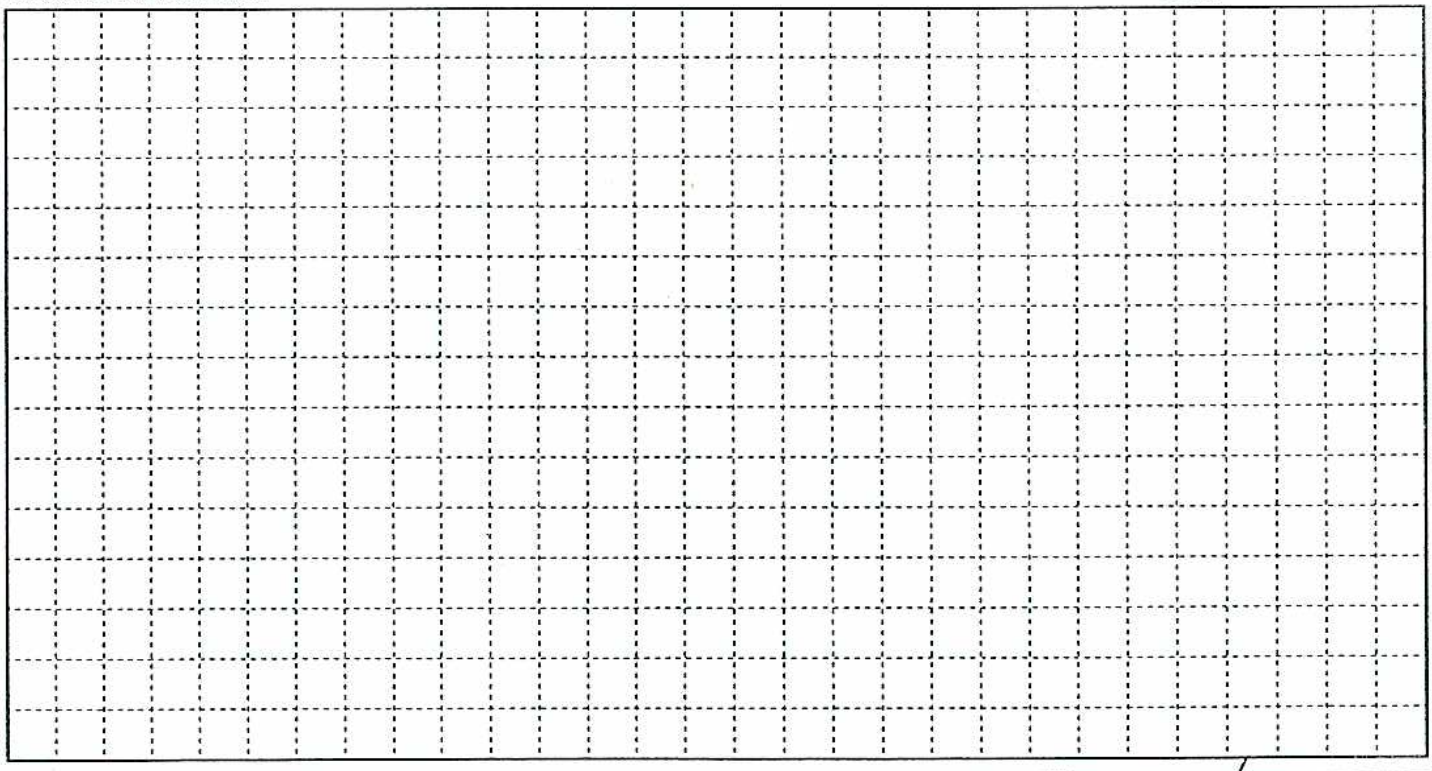
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 62 S 100	Sampler: NA	Date: 7/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 11:30 End 11:35

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D Cn [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ] _____
[ ] _____
[ ] _____

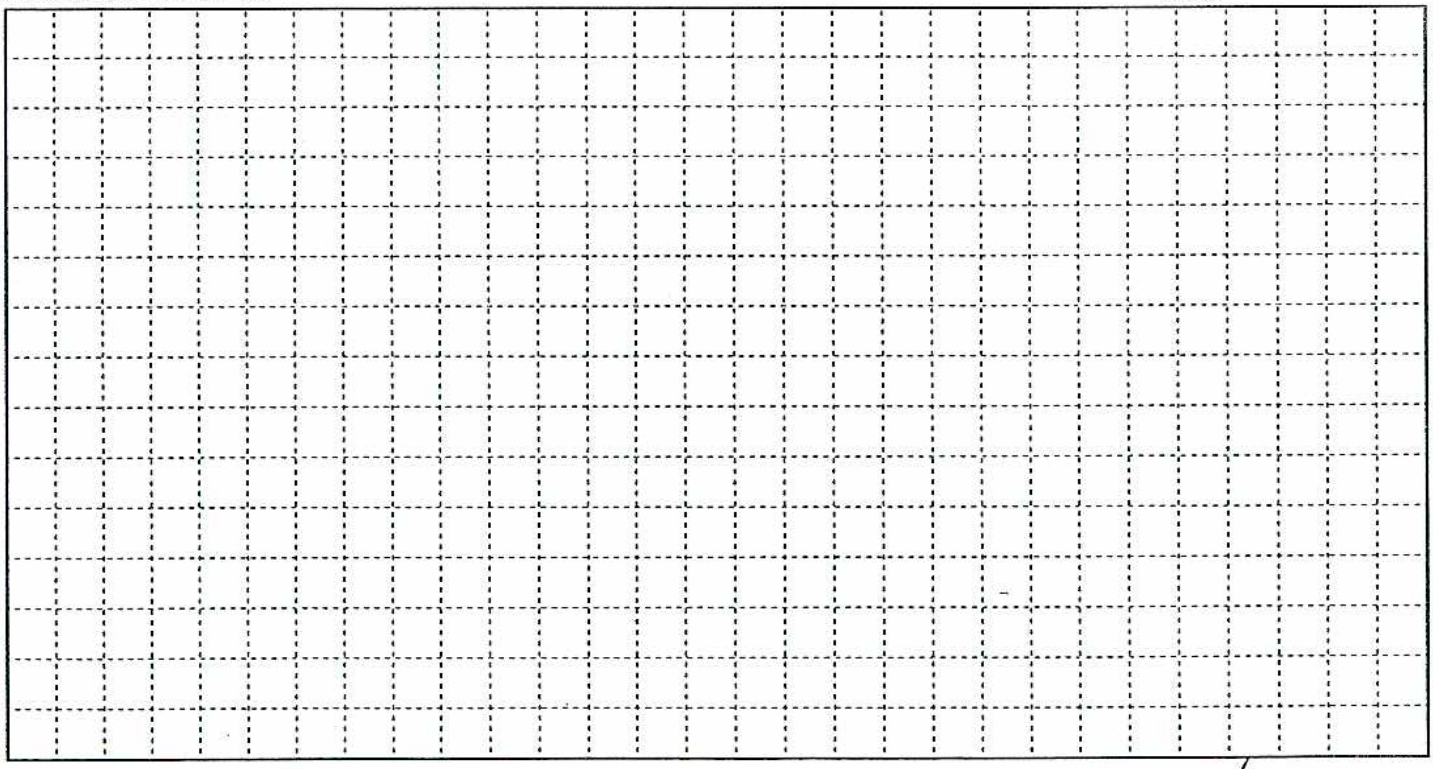
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[ ] Sand
[ ] Organic
[ ] Gravel
[X] FILL W/BRICK
[ ] +SLAG
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004.1 TO2
Sample I.D.: SS-SI 625105	Sampler: NA	Date: 7/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1130 End 1135

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCR [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) _____

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ] _____
[ ] _____
[ ] _____

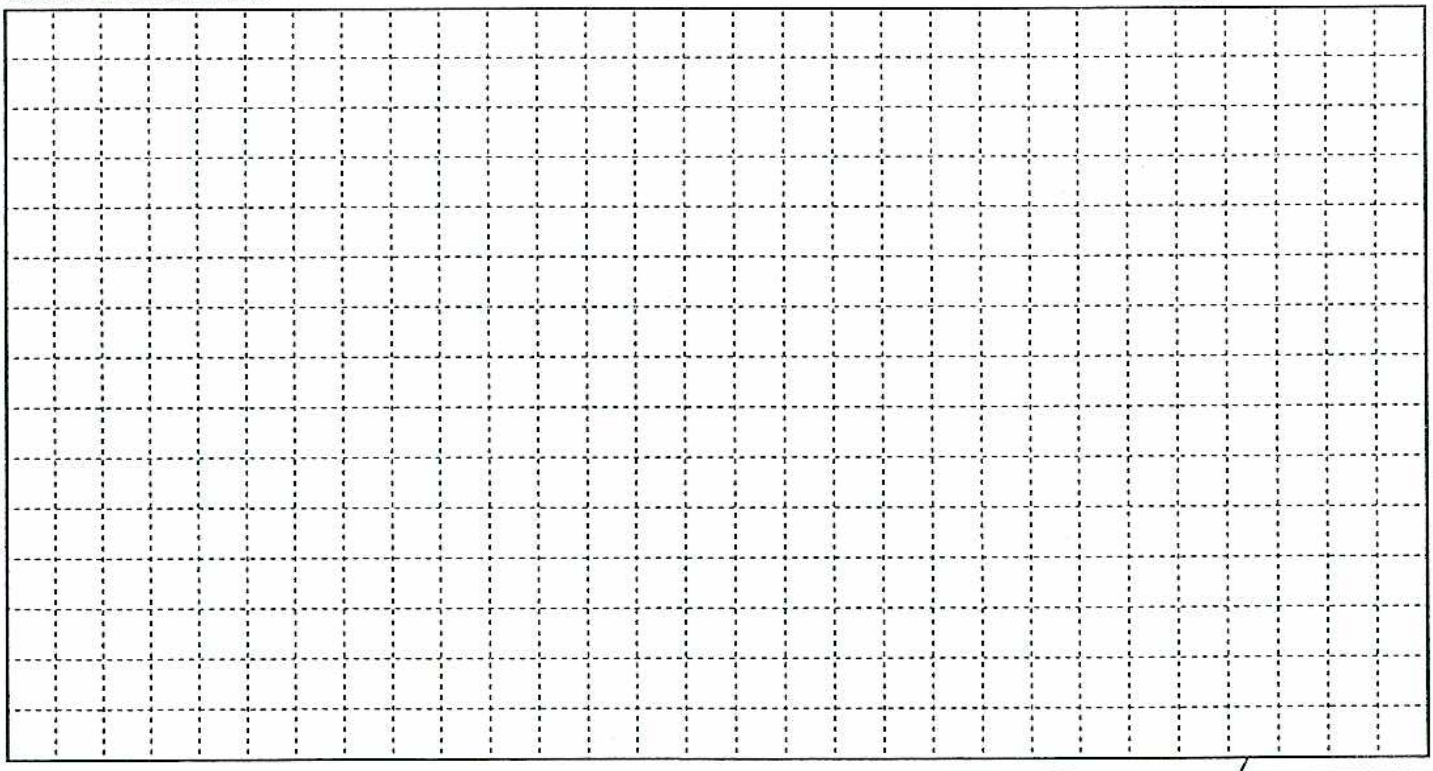
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TOZ
Sample I.D.: SS-SI63B1	Sampler: NA	Date: 7/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1145 End 1155

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCN [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 12" bgs

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color LIGHT BROWN
[ ]
[ ]
[ ]

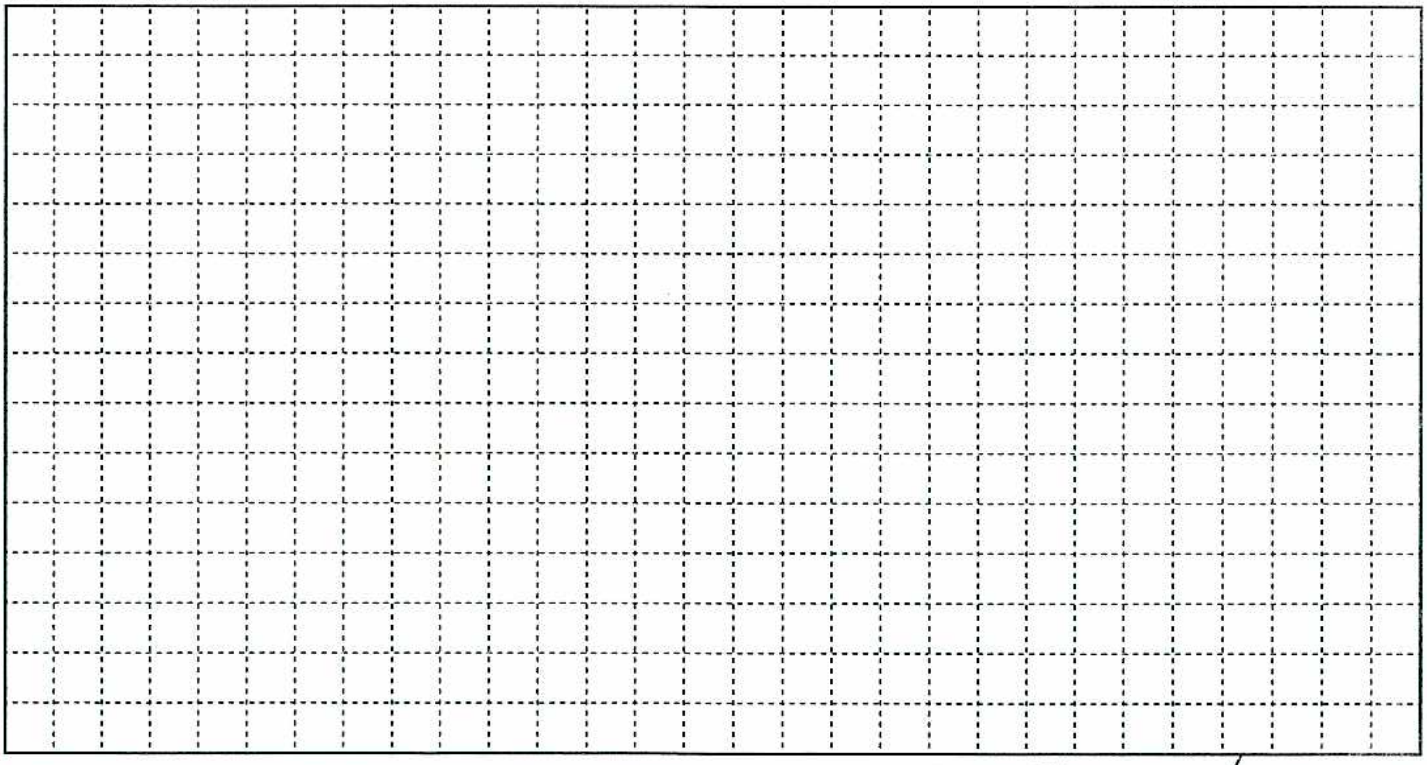
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004.1 TO2
Sample I.D.: SS-SI64B1	Sampler: NA	Date: 8/2/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1115 End 1118

Samples for Chemical Analysis: [X] Metals ~~PP-13, TPH, SVOC~~ ~~EPA Methods ILM04.0~~ RCRA Cu only [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s): 1.5-2'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID: SS-SI64B1DUP

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor: NONE
[X] Color: DARK BROWN
[ ]
[ ]
[ ]

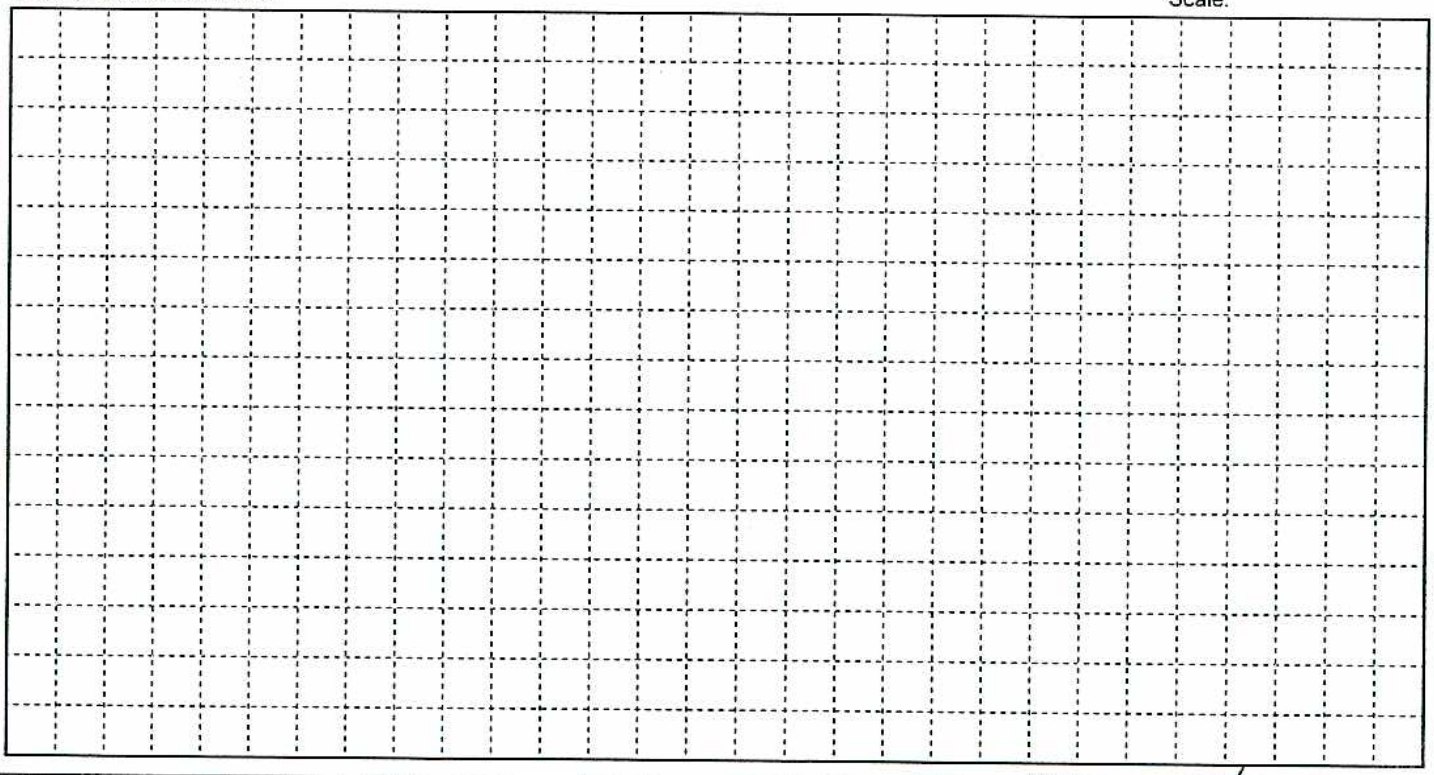
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand w/silt
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI65N	Sampler: NA	Date: 8/2/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1120 End 1124

Samples for Chemical Analysis: [X] Metals ~~PP-13, TPH, SVOC~~ ~~EPA Methods ILM04.0~~ DRO Cu only [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color DARK BROWN
[ ] _____
[ ] _____
[ ] _____

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

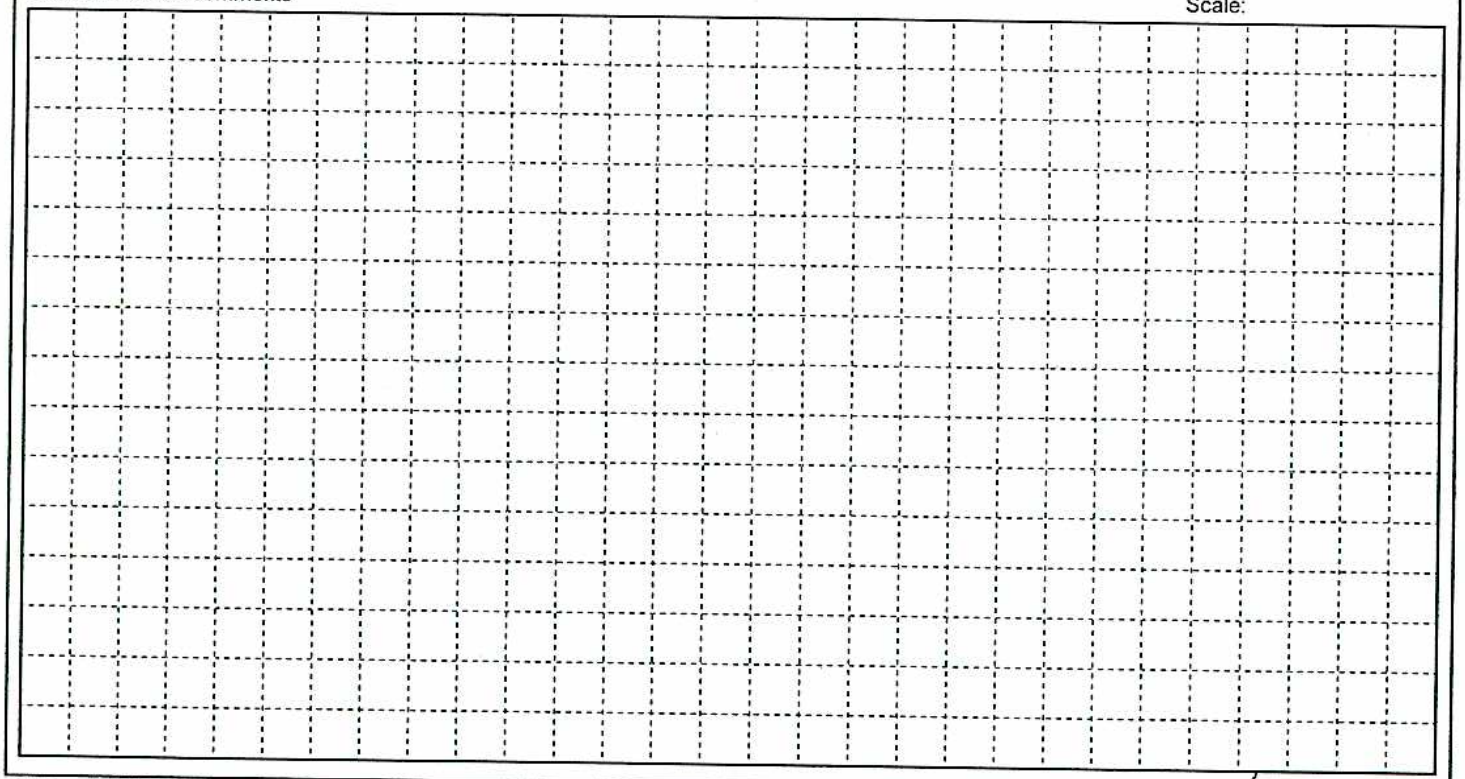
Soil Type:
[X] Clay
[ ] Sand
[ ] Organic
[ ] Gravel
[X] SILTY CLAY
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI66S	Sampler: NA	Date: 8/ /06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1125 End 1128

Samples for Chemical Analysis: [X] Metals ~~PP-13, TPH, SVOC~~ ~~EPA Methods ILM04.0~~ DGN Cu only [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color DARK BROWN
[ ]
[ ]
[ ]

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

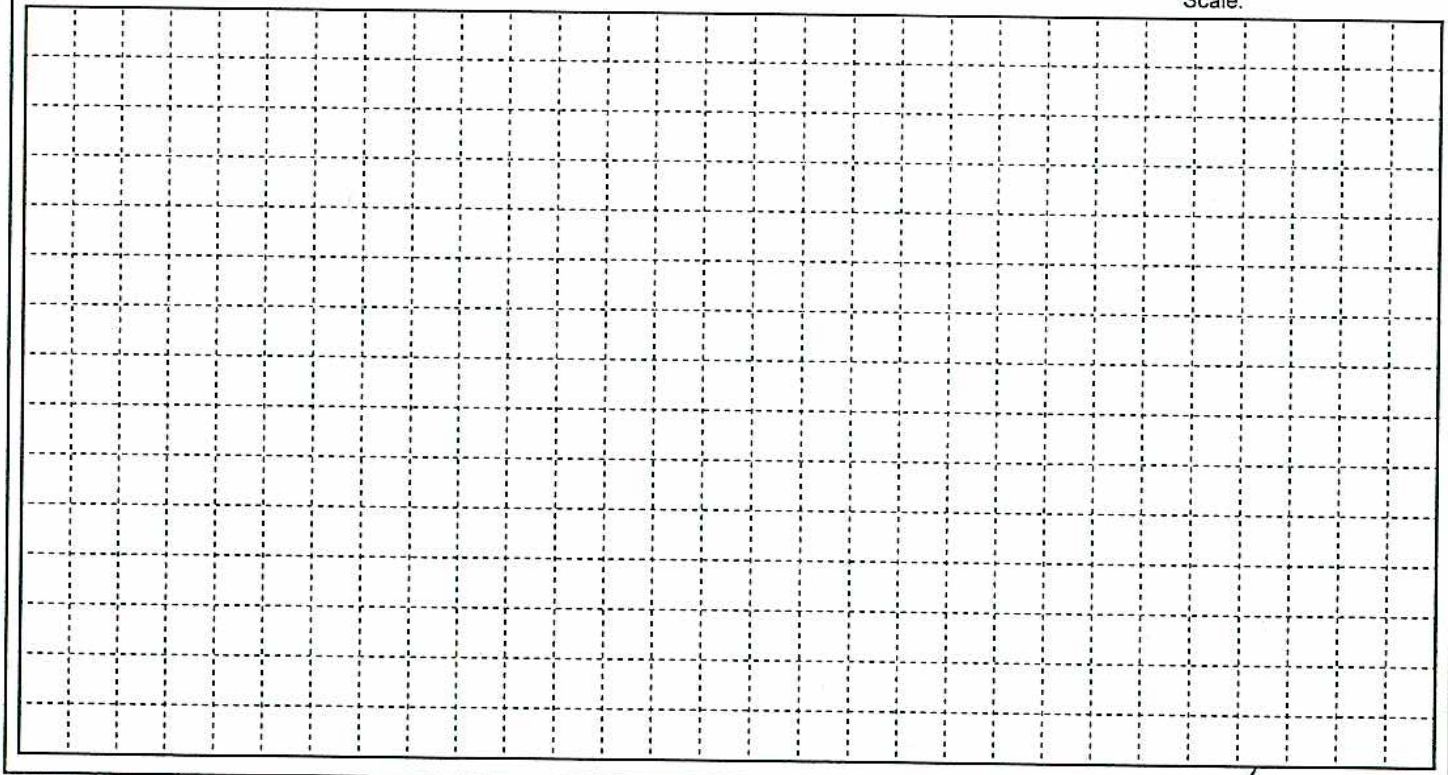
Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[X] COARSE SAND W/ BRICK
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI67W	Sampler: NA	Date: 8/2/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1130 End 1134

Samples for Chemical Analysis: [X] Metals ~~RP-13, TPH, SVOC~~ ~~EPA Methods ILMO4.0~~ DCA, Dm Ca only [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color DARK BROWN
[ ]
[ ]
[ ]

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Ded. Spoon
[ ]

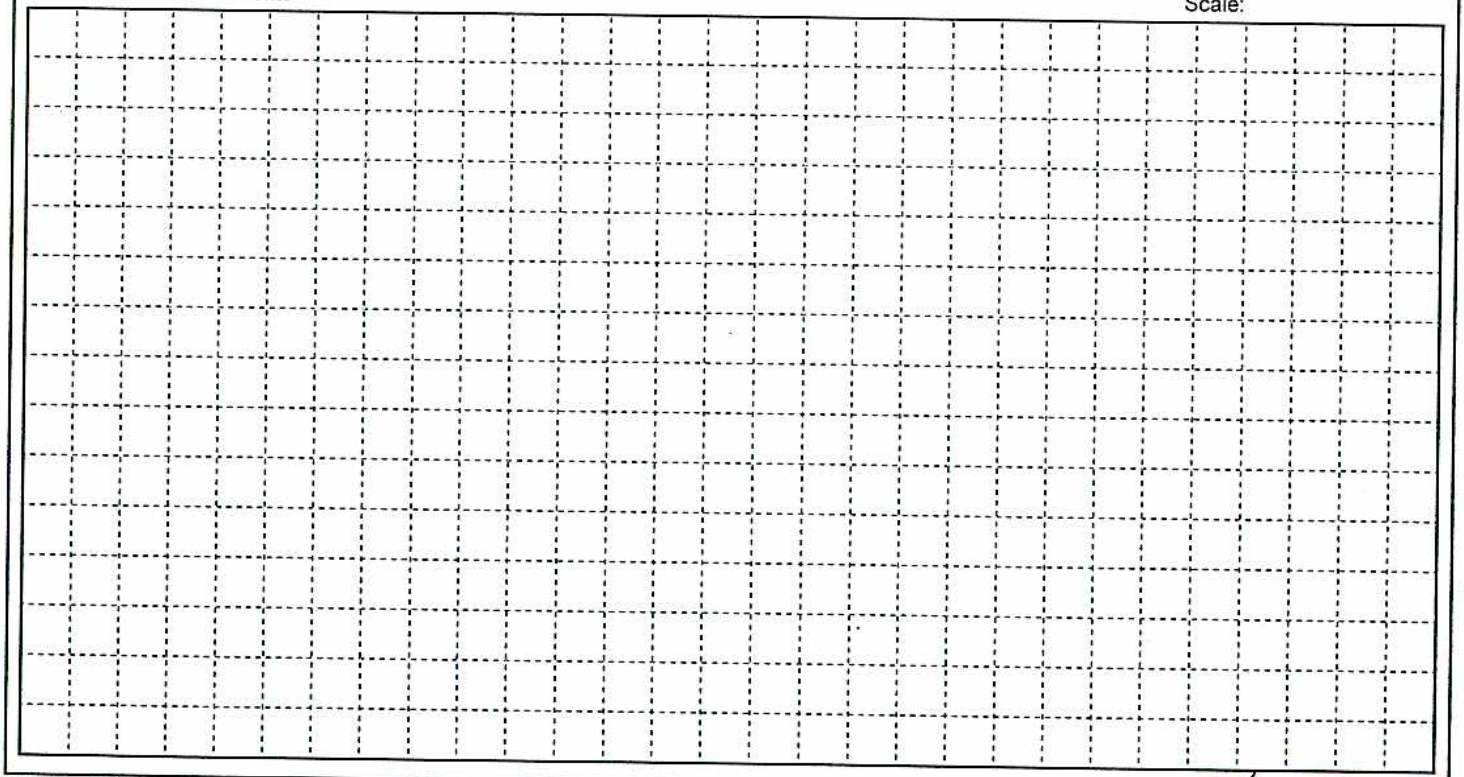
Soil Type:
[ ] Clay
[X] Sand COARSE
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 68E	Sampler: NA	Date: 8/2/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1135 End 1141

Samples for Chemical Analysis: [X] Metals ~~PP-13, TPH, SVOC~~ ~~EPA Methods ILM04.0~~ D&R Cu-only [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) _____

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations: SLIGHT
[X] Odor NONE / ORGANIC
[X] Color DARK BROWN
[ ] _____
[ ] _____
[ ] _____

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated spoon
[ ] _____

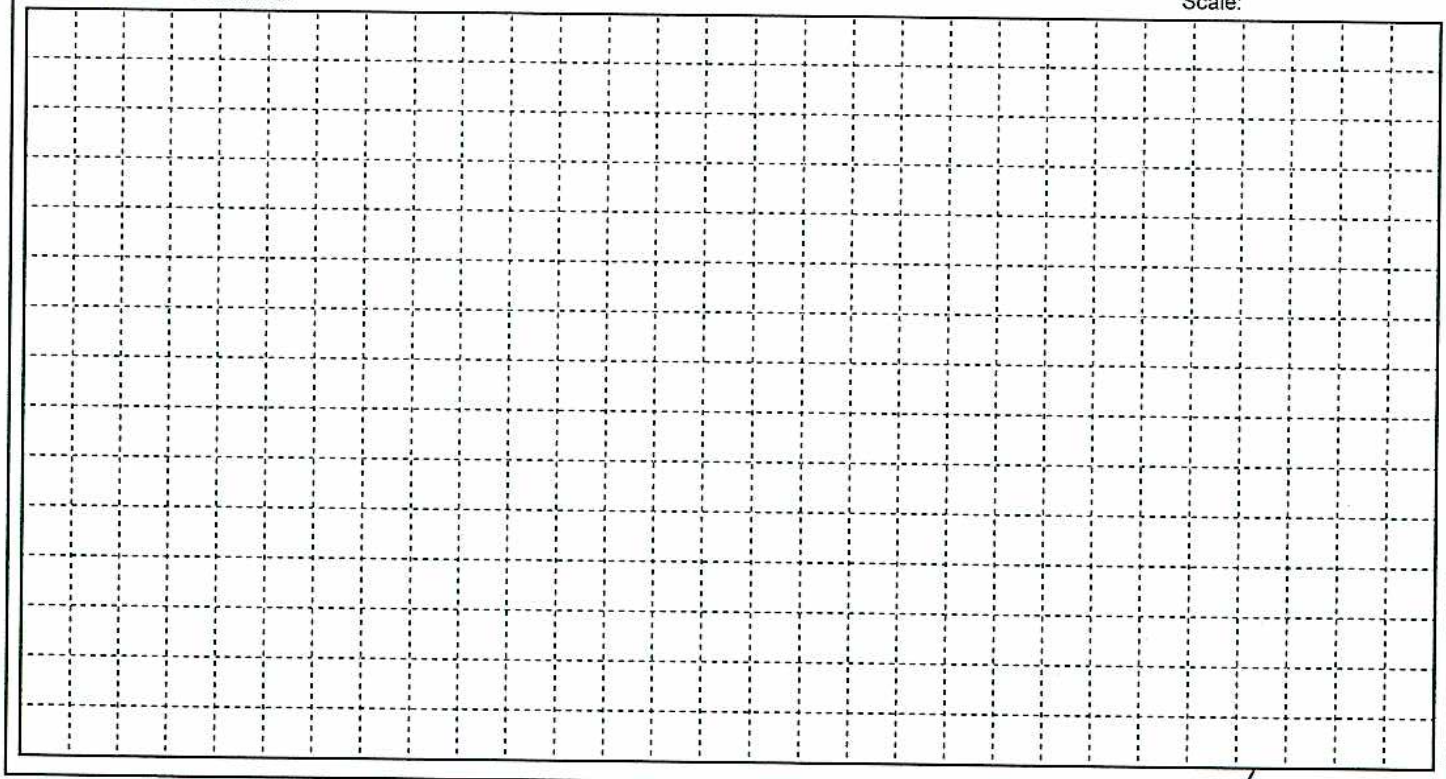
Soil Type:
[ ] Clay
[X] Sand
[X] Organic
[ ] Gravel
[X] SAND W/ ORGANICS
[ ] WOOD CHIPS/BRANCHES
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 365005004I TO2
Sample I.D.: SS-SIGTE	Sampler: NA	Date: 8/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1135 End 1145

Samples for Chemical Analysis: [X] Metals ~~PP-13, TPH, SVOC~~ ~~EPA Methods ILM04.0~~ DGK Cu only [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-6"

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ]
[ ]
[ ]

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

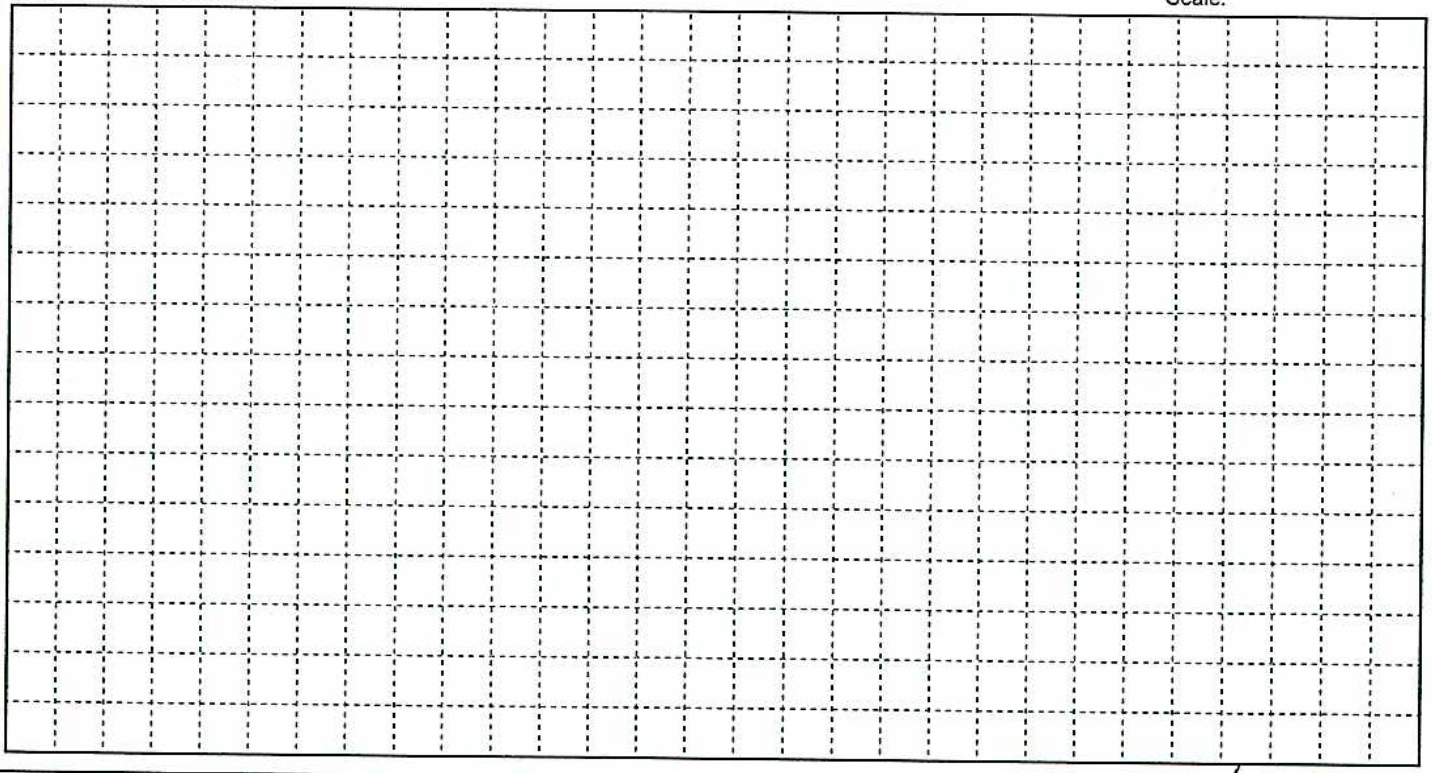
Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[X] SILTY SAND w/
[ ] ROOTS
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI7W1	Sampler: NA	Date: 8/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1215 End 1220

Samples for Chemical Analysis: [X] Metals ~~PP-13, TPH, SVOC~~ ~~EPA Methods ILMO4.0~~ D6k Cu only [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color DARK BROWN
[ ]
[ ]
[ ]

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

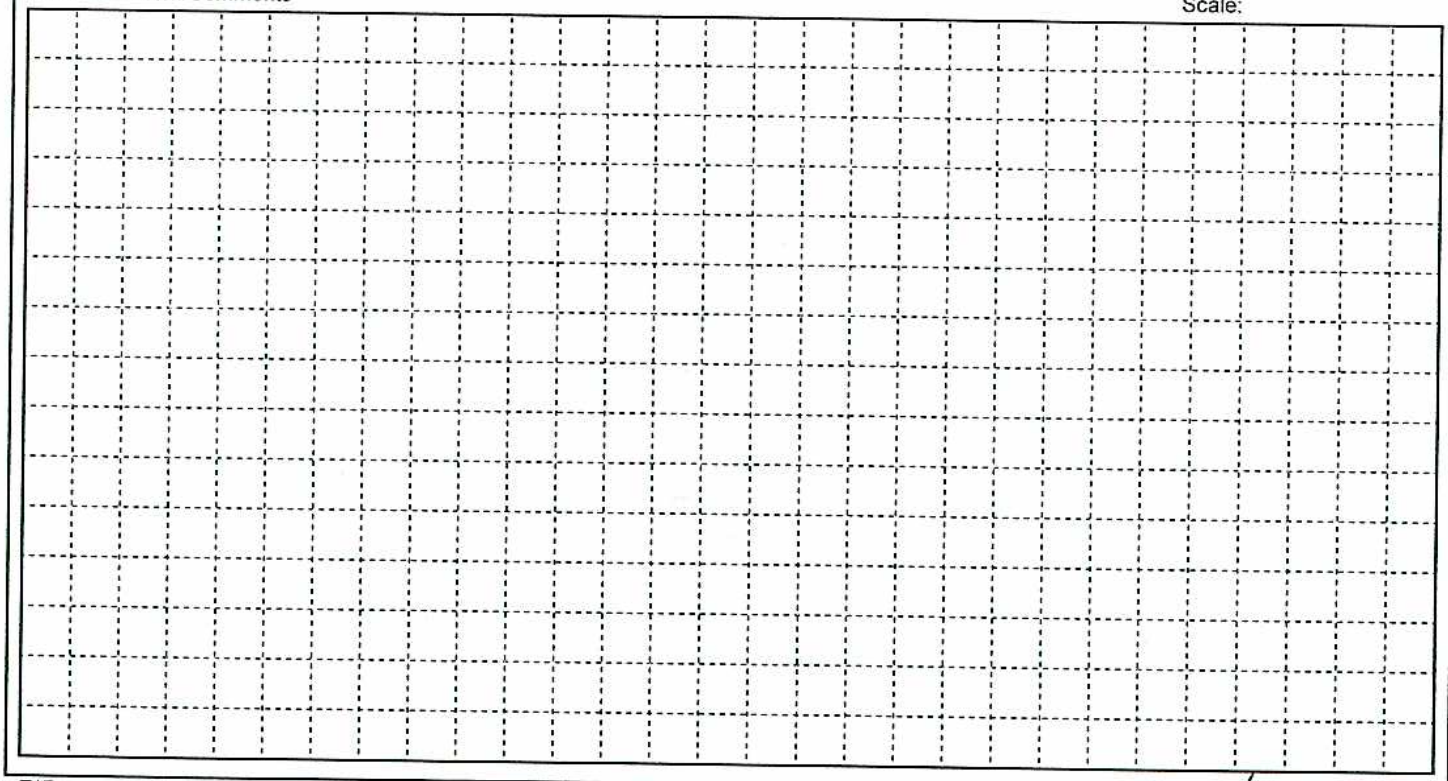
Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI72N1	Sampler: NA	Date: 8/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1230 End 1235

Samples for Chemical Analysis: [X] Metals ~~RP-13, TPH, SVOC~~ ~~EPA Methods ILMO4.0~~ DGK DLK Cu only [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ]
[ ]
[ ]

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

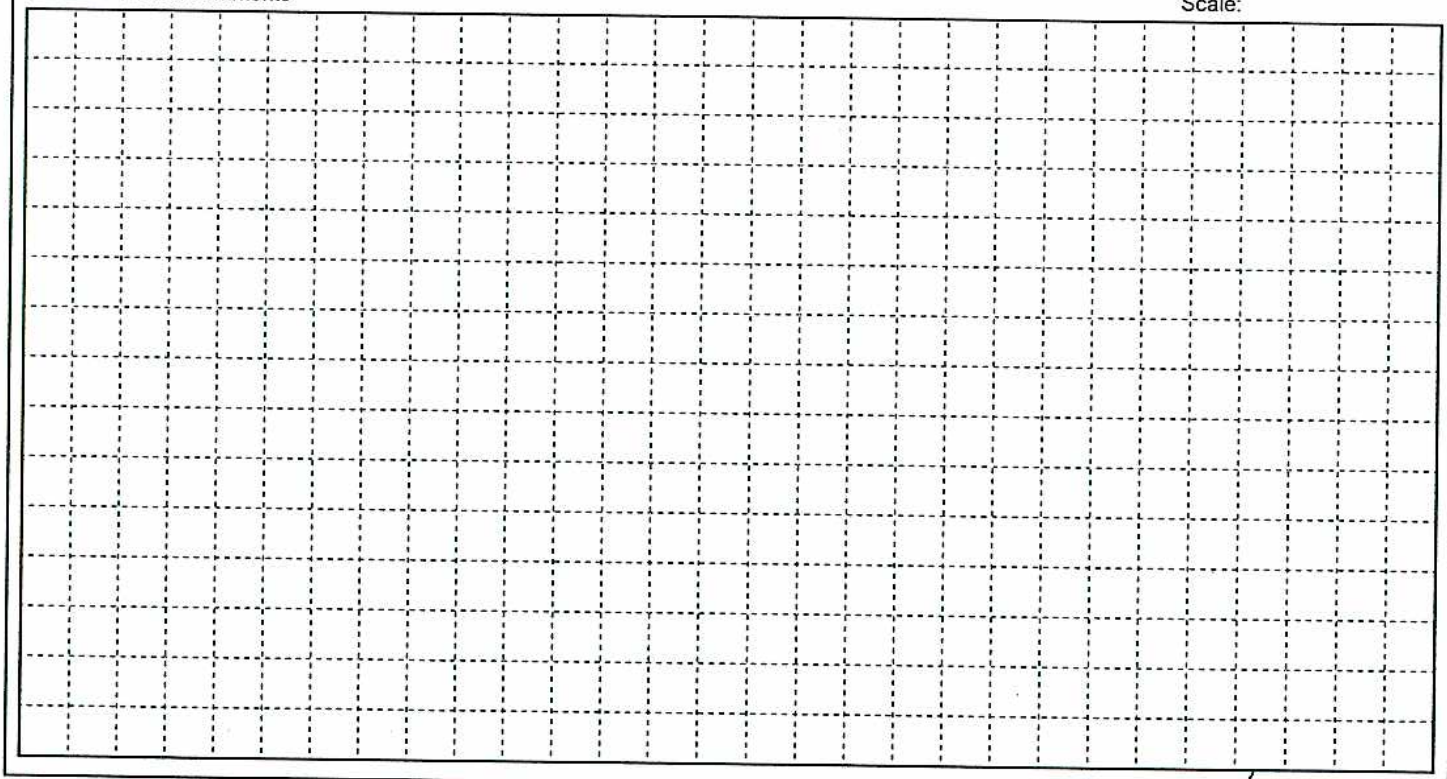
Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 7381	Sampler: NA	Date: 8/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1255 End 1259

Samples for Chemical Analysis: [X] Metals ~~RP-13, TPH~~ ~~SVOC~~ ~~EPA Methods ILM04.0~~ DCH DCH Cu only [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 4'-5'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID SS-SI7381 DUP

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ]
[ ]
[ ]

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

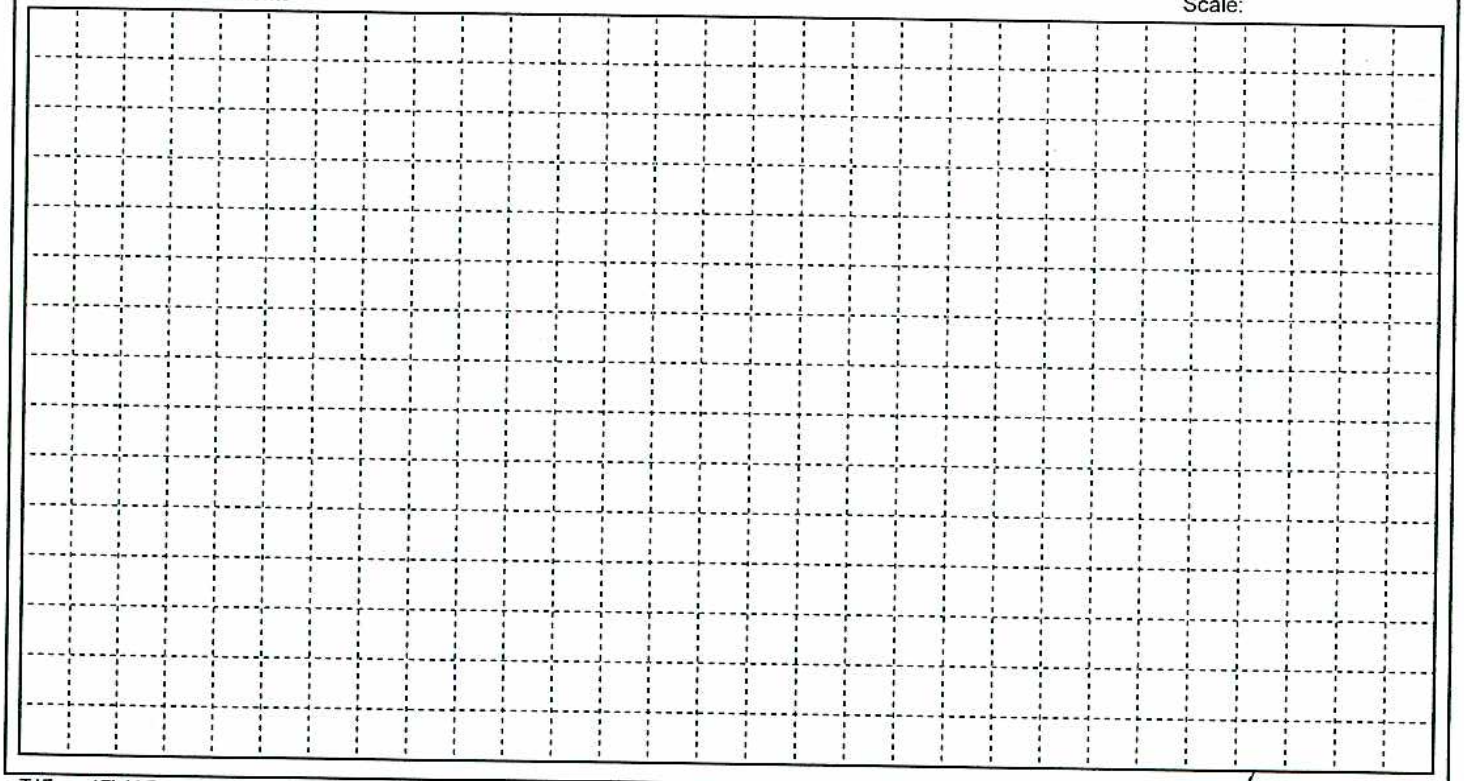
Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 74E1	Sampler: NA	Date: 8/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1308 End 1315

Samples for Chemical Analysis: [X] Metals ~~PP-13, TPH, SVOC~~ ~~EPA Methods ILMO4.0~~ DGR Cr only [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) _____

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color LIGHT BROWN
[ ] _____
[ ] _____
[ ] _____

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

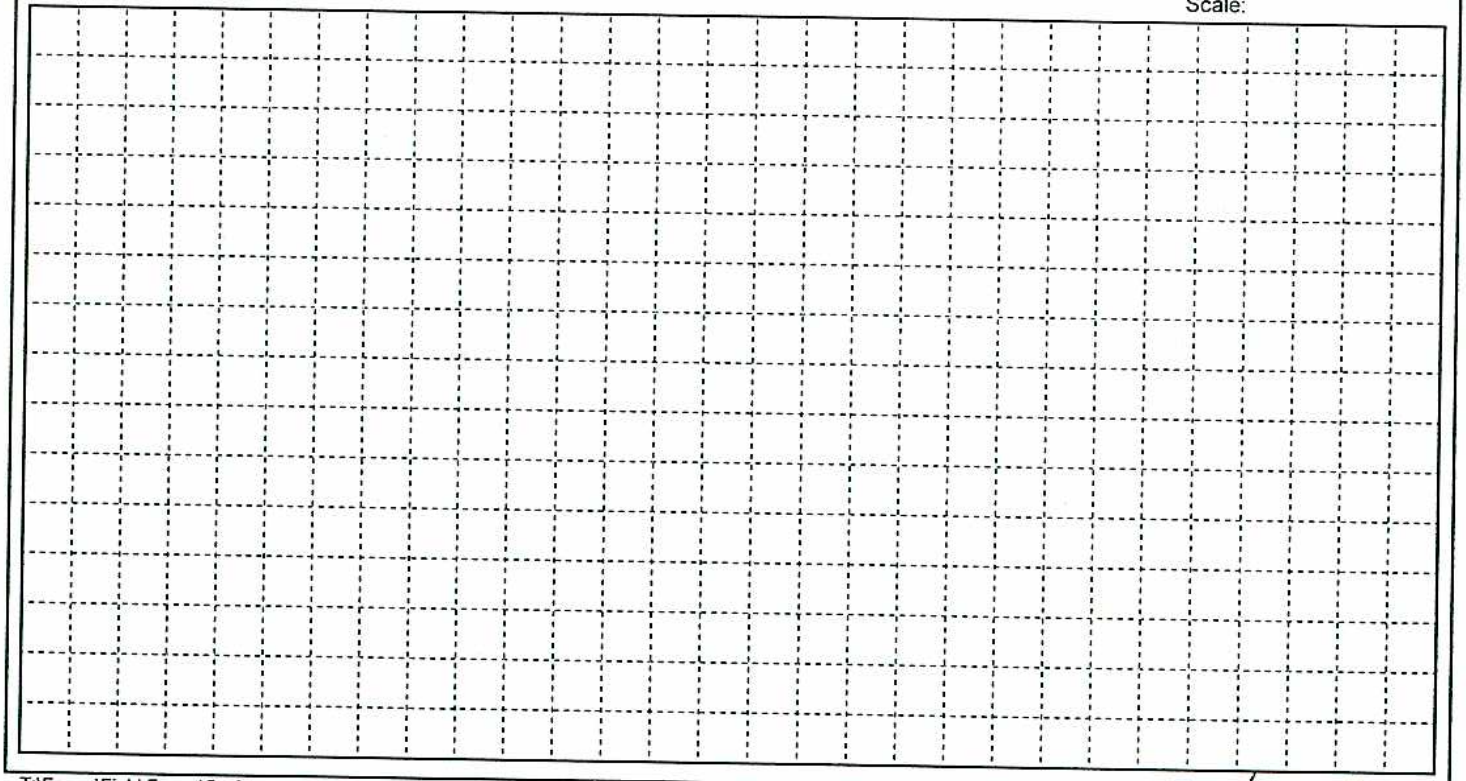
Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[X] COARSE SAND
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 7501	Sampler: NA	Date: 8/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1310 End 1314

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DGR [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ]
[ ]
[ ]

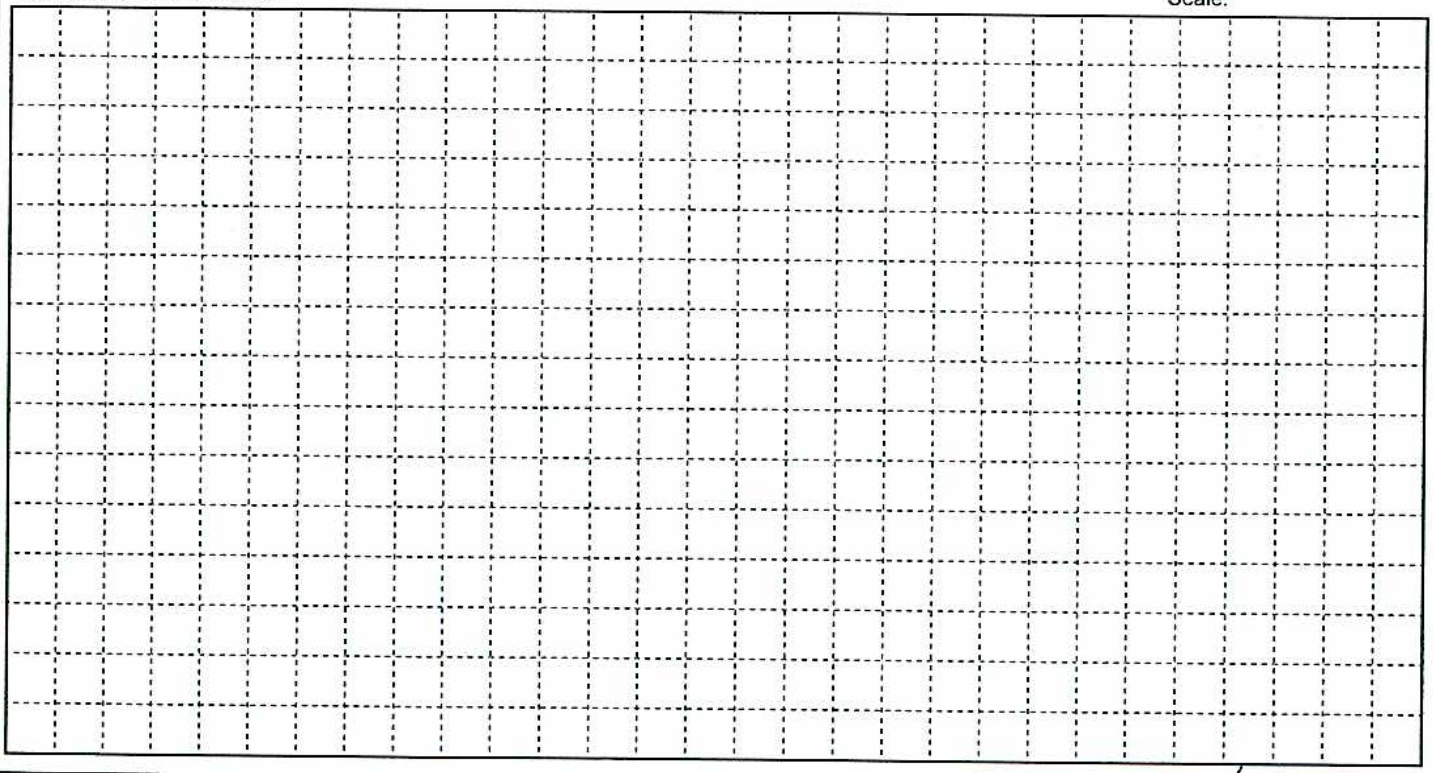
Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments — Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON- GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI70N	Sampler: NA	Date: 8/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1315 End 1317

Samples for Chemical Analysis: [X] Metals ~~PP-13, TPH, SVOC~~ ~~EPA Methods ILMO4.0~~ DCH Cu only [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor No ODOR
[X] Color DARK BROWN
[ ]
[ ]
[ ]

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

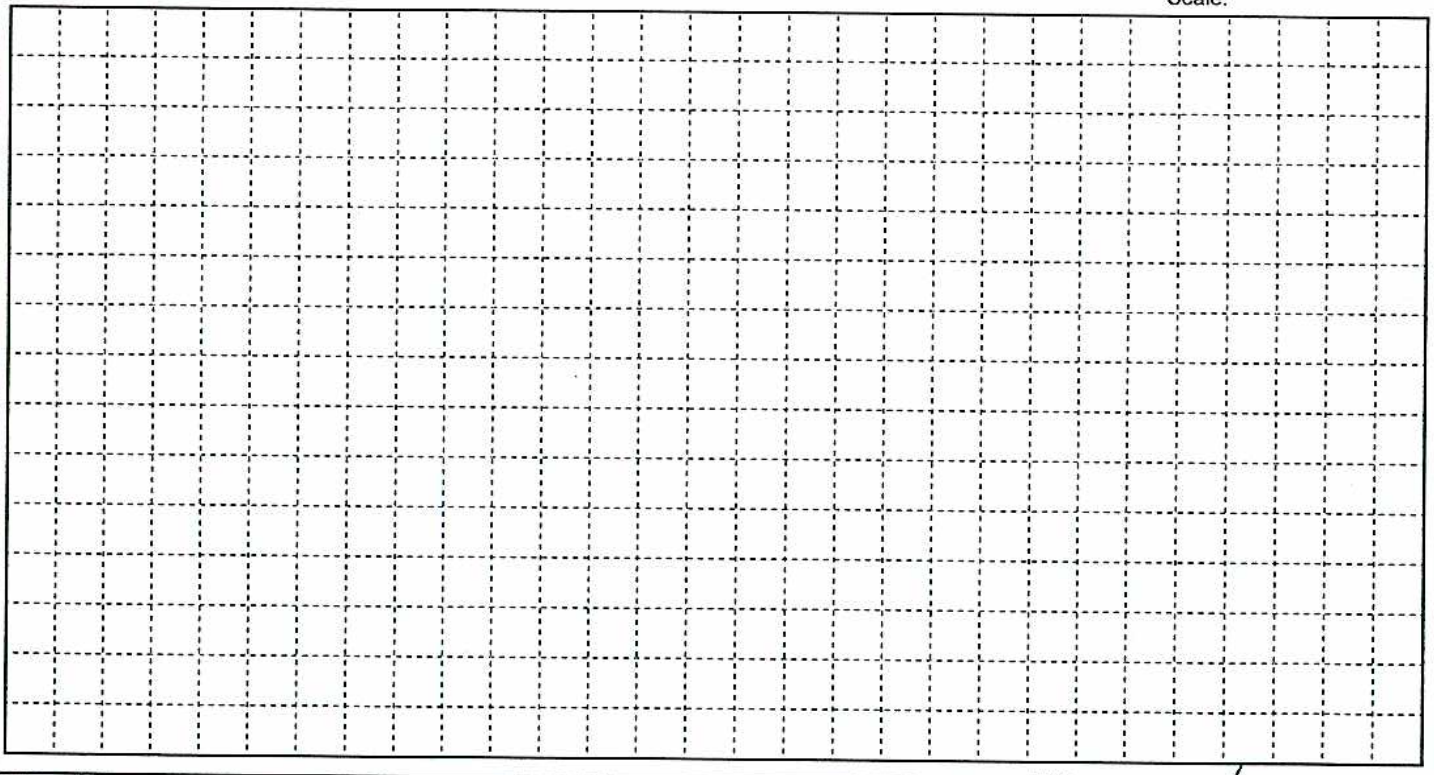
Soil Type:
[ ] Clay
[ ] Sand
[X] Organic
[ ] Gravel
[X] ROOTS + PIECES OF
[ ] WOOD
[ ]

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 7681	Sampler: NA	Date: 8/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1330 End 1335

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ DCN [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-1'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color TAN
[ ]
[ ]
[ ]

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

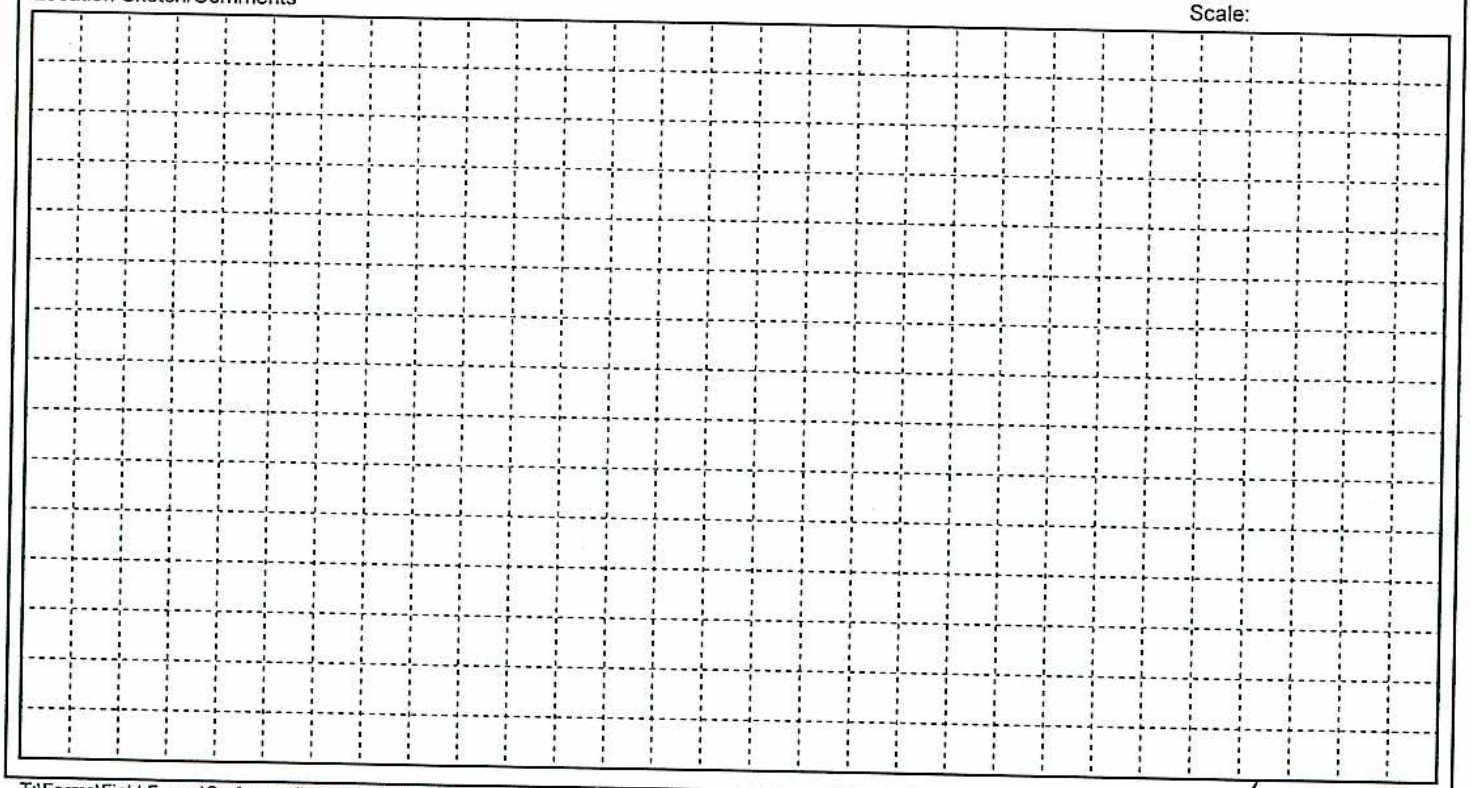
Soil Type:
[ ] Clay
[X] Sand
[ ] Organic
[ ] Gravel
[ ]
[ ]
[ ]

Other Observations:
Below Stockpile

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 77 B1	Sampler: NA	Date: 8/14/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1340 End 1345

Samples for Chemical Analysis: [X] Metals PP-13, TPH, SVOC ~~EPA Methods ILM04.0~~ D&M [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 0'-2'

Photographs Taken/Description

1. —
2.
3.
4.
5.
6.

Field Data:
[ ] Field duplicate collected

Duplicate ID

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ]
[ ]
[ ]

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color BROWN
[ ]
[ ]
[ ]

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ]

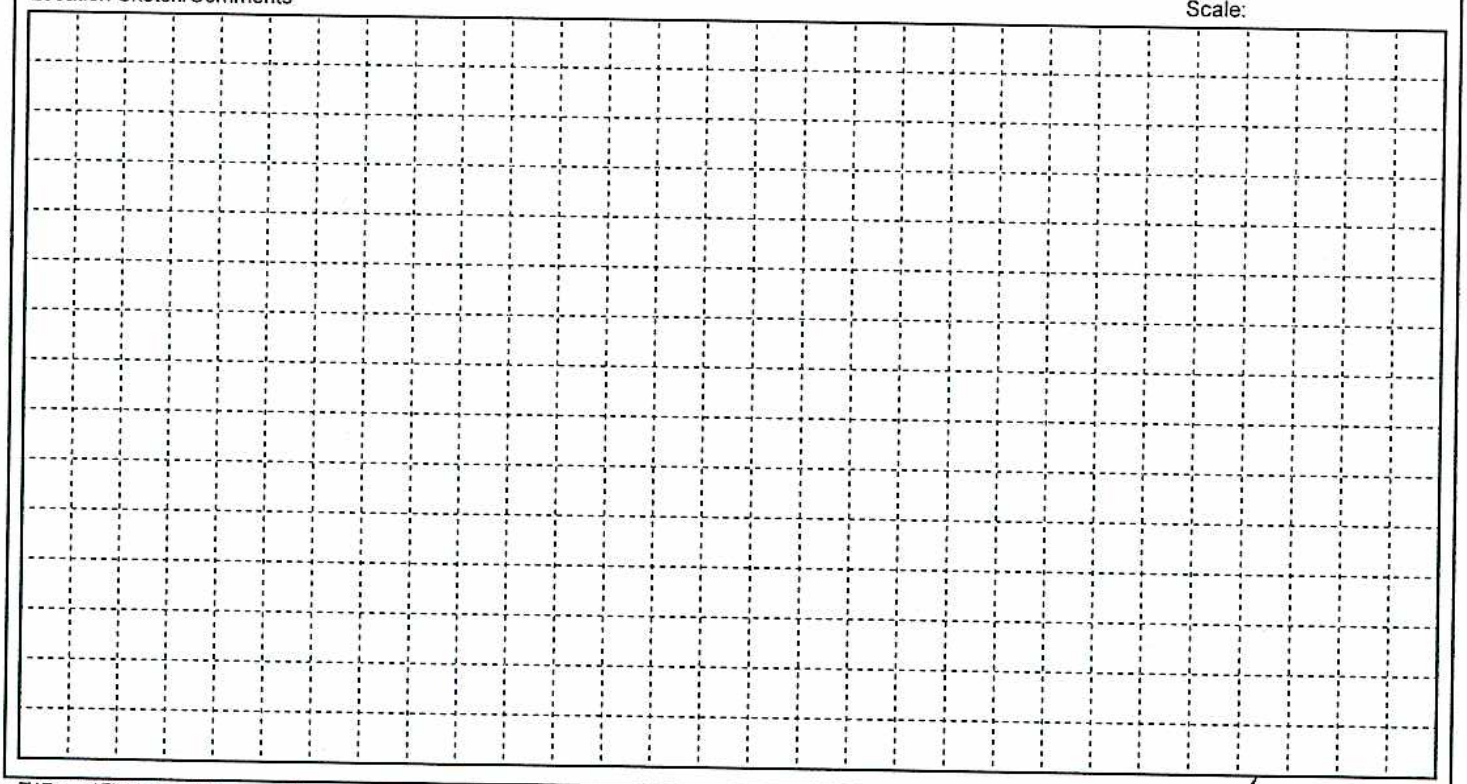
Soil Type:
[ ] Clay
[X] Sand (medium)
[ ] Organic
[ ] Gravel
[X] Some shards of
[ ] slag + brick
[ ]

Other Observations:
Below stockpile

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



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Sampler Signature: Daron Kurkjian

Surface Soil Sample Field Data Record

Project: TEXTRON - GORHAM	Sampler: DARON KURKJIAN	Job No.: 3650050041 TO2
Sample I.D.: SS-SI 78 N	Sampler: NA	Date: 8/16/06
Location: See Site Figure	Witness: VERTEX, INC.	Time: Start 1530 End 1535

Samples for Chemical Analysis: [X] Metals ~~PP-13, TPH, SVOC~~ EPA Methods ~~ILMO4.0~~ DCK Cu only DLH [ ] Dioxins/FURANS EPA Method 1613

Soil Sample

Depth of Sample(s) 8"-12"

Photographs Taken/Description

1. —
2. _____
3. _____
4. _____
5. _____
6. _____

Field Data:
[ ] Field duplicate collected

Duplicate ID _____

Equipment Used for Collection:
[ ] Tulip Bulb Planter
[X] S.S. Spoon
[ ] Knife
[ ] S.S. Spatula
[ ] S.S. Bowl
[ ] _____
[ ] _____
[ ] _____

Type of Sample Collected:
[X] Discrete
[ ] Composite

Sample Observations:
[X] Odor NONE
[X] Color DARK BROWN
[ ] _____
[ ] _____
[ ] _____

Decontamination Fluids Used:
[ ] Deionized Water
[ ] Liquinox Solution
[X] Not applicable
[ ] Dedicated Spoon
[ ] _____

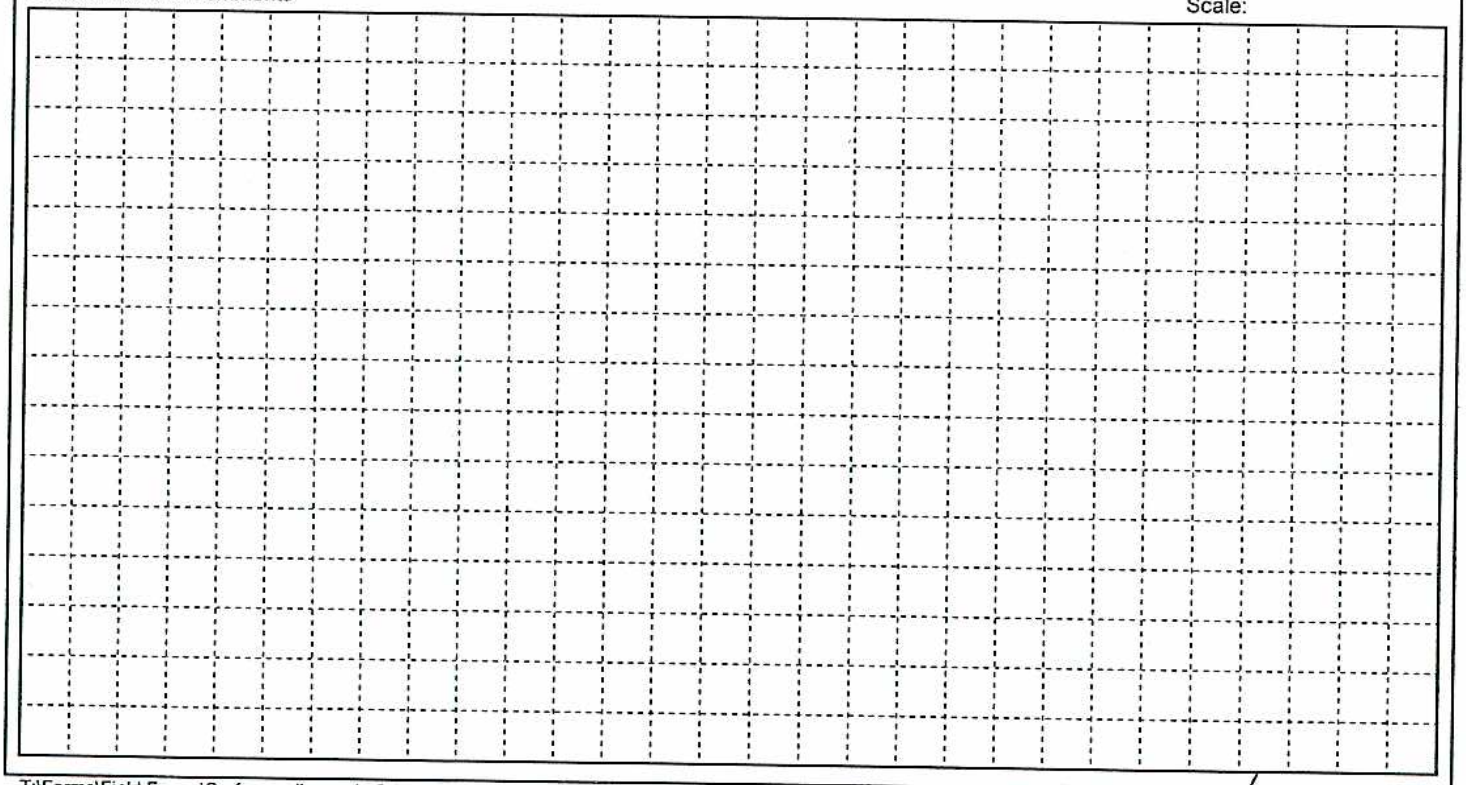
Soil Type:
[ ] Clay
[X] Sand w/ gravel
[ ] Organic
[X] Gravel
[ ] _____
[ ] _____
[ ] _____

Other Observations:

Sketch: (House location, true north, chimney, lawn status (weeds, none), leach fields and topography of land, past soil disturbance, any dumping activities: ash piles, compost, debris, leaks, spills from vehicles, indication of burning and BBQs, garden activity)

Location Sketch/Comments

Scale:



T:\Forms\Field Forms\Surface soil sample field data record.dot

Sampler Signature: Daron Kurkjian

APPENDIX D

Laboratory Data
(Provided on CD)