January 30, 2009

Mr. Glenn May New York State Department of Environmental Conservation 270 Michigan Avenue Buffalo, New York 14203

Re: Spaulding Fibre Site, Supplemental Investigation Result Report - Revised

Dear Mr. May:

On behalf of the Erie County Industrial Development Agency (ECIDA) and the Spaulding Fibre Steering Committee (Steering Committee), LiRo Engineers, Inc. (LiRo) has prepared this revised letter report to document the results of the Supplemental Investigation conducted at the Site during July 2008. The report was revised to incorporate your comments dated November 21, 2008. The rationale for the Supplemental Investigation was to more accurately evaluate the extent (area and volume) of excavation required to remediate Operable Units(OU) 5, 6 and 7.

To summarize briefly, the collection of supplemental investigation data has enabled LiRo to refine the proposed soil excavation areas where either restricted residential criteria are exceeded, or site-related materials such as button ash, foundry sand and/or slag were found to be present. The volume of material requiring excavation has been reduced from the April 2008 estimate of 40,221 cubic yards (cy) to 34,674 cy.

Supplemental Investigation Sampling Program Scope of Work

At the April 22, 2008 meeting between the ECIDA, the Steering Committee, and LiRo, LiRo presented a figure showing Site Investigation (SI) sample locations where site soil standards, criteria and guidance (SCG) value exceedances were evident, as well as preliminary remediation areas and preliminary soil excavation depths. The remediation areas and depths were used to develop preliminary cost estimates for the site remediation. LiRo noted at the meeting that the preliminary remediation extents were based on assumptions that individual and composite sample point results were representative of relatively large Site areas. For example, when one sample obtained within a specific plant building area (i.e., a "room") exceeded SCGs, then the entire area of the room was considered to be a remediation area.

The Supplemental Investigation sampling program was developed to define the extent of contamination and determine more accurately if remediation areas could be reduced by isolating sample exceedances to specific locations. The proposed sampling strategy was designed to evaluate areas that were assumed to be contaminated because they were associated with a building or bounded by relatively widely spaced exceedance points.



Sampling and Analysis

The program was conducted as proposed in Table 1 of the May 9, 2008 Supplemental Investigation Plan with the exceptions noted on the updated Table 1 (attached). One-hundred and thirteen samples were collected from 81 locations. Surveyed sample locations are shown on Figure 1 (e.g., A-1, A-2, etc.). Locations are referenced to the preliminary remediation areas identified previously, and to the previous investigation sample points which showed SCG exceedances.

Supplemental investigation sampling was conducted using an excavator/backhoe, except for basement locations which required the use of a portable, pneumatic hammer (jackhammer) to drive a split-spoon sampler. Test pit logs and split-spoon boring logs are included in Attachment 1.

Sampling methods, health and safety and QA/QC protocols for the Supplemental investigation conform to the requirements detailed in the Site Investigation work plans. Chemtech performed laboratory analytical work using NYSDEC Analytical Services Protocol (ASP) Category B requirements for analysis and data deliverables. A data usability summary report (DUSR) was prepared for the OU7 laboratory results and is included in Attachment 2.

The analytical schedule indicated on Table 1 for the Supplemental investigation samples was limited to the specific analytes which exceeded SCGs in the specific areas of investigation. During the supplemental investigation sampling program, LiRo's supervising geologist conducted field screening for visual, olfactory, or PID evidence of contamination.

Surveying and Mapping

The locations of test pits were surveyed for horizontal coordinates by a New York State licensed surveyor from Foit-Albert Associates. The coordinates were referenced to the existing site survey that was prepared during previous site investigations. The surveyed sample location coordinates are summarized in Table 2.

Results

Analytical results are provided by area in Table 3. Soil data is compared to 6NYCRR Part 375 Restricted-Residential soil cleanup objectives (or TAGM #4046 recommended soil cleanup objectives for Di-n-butylphthalate).

Updated exceedance tables for Operable Unites 5, 6, and 7 (previously Tables 5-1 through 5-7 in the Site Investigation Report (SIR)) are provided as Tables 4 through 13. Updated exceedance figures (previously Figures 5-1 through 5-6 in the SIR) are presented as Figures 2 through 10.

The following discussion presents, by area, the results of the Supplemental Investigation. A figure showing refined remediation area limits and volumes is presented as Figure 1.



OU7

Area A

Discrete samples were collected from the test pit areas where PAHs were previously detected in the composite sample (0-3' cover and native). Supplemental samples were collected from 0-1' (cover/native) and 1'-3' (native) at each of the three locations. No exceedances were found in the discrete samples therefore no excavation is proposed in OU7.

OU₅

OU5 Overview

Based on results of the supplemental investigation work, the remediation area of OU5 has been expanded to include all test pits where evidence of slag and/or asphalt millings was observed.

Area I

Three samples were collected in the area of TP-13 where As exceeded criteria. Six to ten inches of dark sand and asphalt subbase was found in all 3 samples. Up to 1' of asphalt millings were found in TP-13 and TP-14 and 18" in TP-12. An exceedance was found at one supplemental data location (I-2 at 0-2'). The proposed excavation area is extended to include sample points I-1, I-2, and I-3, and TP-12, TP-13, and TP-14 to a depth of 2'.

Area J

Three samples were collected from fill found to be present to a depth of 18" in the area of TP-15 where As exceeded criteria. No exceedance was found at supplemental data locations J-1, J-2, and J-3 however, slag was found to be present to a depth of 18". The excavation area will be extended to include sample points J-1, J-2, and J-3.

Area IJ

Two samples were collected in the area of sample location point 71.1 where PAHs were found to exceed criteria. Slag and/or asphalt millings were found to be present in both samples to a depth of 8" and up to a depth of 10" in TP-5, TP-6 and TP-7. Sample location IJ-3 was eliminated based on soil observations (slag/millings) at IJ-1 and IJ-2. An exceedance was found at one supplemental data location (IJ-2 at 0-6"). The excavation area will be extended to include sample points IJ-1, IJ-2, and TP-5, TP-6, and TP-7 to a depth of 1'.

OU₆

Area B

One sample was collected within the drainage ditch slightly (about 20') downstream of sample point location 79 where Cd exceeded criteria (concentration of 6.3 mg/kg versus the criteria of 4.3 mg/kg) in the sample from 3'-4' depth in native material. No exceedance was found at supplemental data location B-1 which was sampled at a depth of 3-4' in regraded native material. Since there was only one exceedance at depth in an area where fill does not appear to be present, it is proposed that no excavation be conducted in this area.

Area C

Discrete samples were collected from the test pits where PAHs and metals were previously detected in composite samples. Nine discrete samples were collected within Area C from depths

to 2'. Fill material was found in samples C-1 (1'), C-4 (13"), and C-6 (6"). There was one exceedance (Cu) at supplemental data location C-4 (0-1'). It is proposed that excavation in Area C include only the button ash piles, which are at a depth of generally less than 1', and sample point locations C-1, C-4 and C-6. Excavation should still include the drainage ditch extending from the NYSDEC OU, through sample location 67 which contained PCBs and SVOCs, and SI sample location 66, which contained PAHs. These samples exceeded criteria at a depth of 0-6"; therefore, a 1' excavation is proposed.

Area D

Three samples were collected around sample point location 85 where PAHs and metals were found. There were no exceedances at supplemental data locations; however, some ash was found in the test pits to a depth of less than 1'. Therefore, the proposed excavation area remains as originally proposed. Exceedances in sample location 85 were at 0-1' with only one low level exceedance between 2'-3'. The proposed excavation is reduced to a depth of 1' instead of 3'.

Areas E and F

No supplemental data was proposed or collected in the button ash piles. Proposed excavation includes the full extent of the button ash piles. The excavation depth is reduced from 2' to 1' since the test pit logs indicate the piles are generally less than 1' deep.

Area G

Seven samples were collected from 5 locations in this area which is divided by a drainage ditch and railroad tracks. In general, topsoil was underlain by native material. Only one supplemental sample location (G-4) showed an exceedance (As at a depth of 0-2'). Sample locations G-3 and G-5 south of the drainage ditch showed no exceedances therefore the area to the south is proposed to be eliminated. SI sample location 82 showed an isolated marginal exceedance of the SCG for Cd (detected concentration 4.88 mg/kg vs. criteria of 4.3 mg/kg) so it is proposed that the area west of the railroad tracks be eliminated.

Area H

No supplemental data was proposed or collected in this small area. The excavation area proposed is the same as originally proposed.

Area K

Two sample points at 2 sample depths were proposed to determine the endpoints of excavation. No exceedances were found in supplemental data samples. However, since test pits indicated the presence of slag to a depth of approximately 1', the proposed excavation area remains as originally proposed.

Area L

No supplemental data was proposed or collected in this small area. The SI sample (location 44) had an exceedance of Ba at a depth of 1.5'-3' with a concentration of 404 mg/kg compared to the criteria of 400 mg/kg. Since no other contaminants exceeded criteria in this sample, and Ba is not a site-related COC, it is proposed that there be no excavation in Area L.

Area M

Four samples were proposed at 2 locations in the fill and native material to determine excavation endpoints. No fill material was found at sample location M-2 so no fill sample was collected

from this location. No exceedances were found in the native material sample at M-2. Supplemental data location M-1 exceeded criteria for PAHs at 0-6". It is proposed that the excavation depth remain at 4-foot fill depth found in TP-27. Since no fill or exceedances were found at M-2, it is proposed that the excavation area be reduced to the west, but extended to the south to include location M-1.

Area N

Three sample locations were proposed in Area N where Ba exceeded criteria (0-3') to determine excavation endpoints. No fill was found at N-2 and N-3 so no samples were collected. SI TP-28 indicated slag to a depth of 1' and samples were collected at location N-1 at a depth of 0-1' (slag) and 2'-3' (native). Supplemental data showed no exceedances for Ba. It is proposed that the slag to a depth of 1' in the area of N-1 be included in the excavation area.

Area AA

SI data results for TP-60 indicated exceedances at 2.5' for PAHs and metals. Three sample locations were proposed to determine the excavation endpoint, and a fourth location was added based on field observations. One sample was collected at the top of native material (3'-3.5') at each location and an additional sample was collected in the fill material at AA-4. There were no supplemental data exceedances for PAHs, and only As exceeded criteria at location AA-4 at 0-6". Locations AA-1 and AA-2 did not contain ash; locations AA-3 and AA-4 contained ash to 2.5'. It is proposed that the excavation depth within Area AA remain at 3' with possible over-excavations necessary if ash is found, and in the localized area near TP-60. The proposed areal extent of Area AA has been expanded to incorporate sample location AA-4.

Area AB

No supplemental samples were proposed or collected in this area. The excavation area proposed is the same as originally proposed.

Area AC

SI sample P-61 exceeded criteria for Cd and Zn and sample 32 marginally exceeded the criteria for Cd in Area AC. Four sample locations were proposed within Area AC at 2 depths to determine the area of excavation; however, locations AC-1 and AC-2 could not be sampled as the excavator could not penetrate the bottom slab beneath the freshwater storage cistern which was present over a portion of this area. AC-3 was excavated west of the cistern and fill with ash was found in AC-3 to a depth of 2.5'. AC-4 was advanced south of the cistern, near SI location 61. Cadmium exceeded criteria in AC-4 at a 2'-3' depth. The excavation area for AC has been reduced to exclude the cistern as the structure was built on native clay and no site-related contamination would be anticipated based on the fresh water storage use of the cistern.

Area AD

Six samples were proposed to be collected from 2 locations, however, due to the presence of vats, and water-filled void spaces, only one sample from AD-2 was collected. Sample location AD-1 had a water-filled void space that was observed to a depth of approximately 4.5 feet. The lower slab was not penetrated. Zinc exceeded criteria in AD-2 (beneath a concrete vat) at a depth of 7.5'-8.5', similar to the exceedance depth in SI samples 24 and 25 in Area AD. The SI samples were collected below a 4' void space and a 2' cement slab. A 3' thickness of soil is proposed for excavation.



Area AE

Two samples were collected from this area where PCBs, Cd and Pb exceeded criteria at a depth of 3'-4' in SI sample 76. At AE-1, approximately 2' of fill (gravel with some brick and wood) was observed overlying clayey silt. A sample of the clay material at AE-1 showed no exceedances. Based on fill characteristics, the location AE-1 appears to be outside of the western limit of the former process pit area.

Supplemental investigation location AE-2 was advanced between the existing process pits. The interior bagged resin dust landfill area (SWMU 10) was discovered at AE-2. The bagged waste was found (in a matrix of foundry sand) between the main plant floor and a lower slab which was located at a depth of 55" below the main floor. A sample of the bagged material was collected at AE-2 and analyzed for hazardous waste characteristics and for asbestos. The material was determined to be non-hazardous by meeting TCLP and RCRA criteria and asbestos was not detected in the material. Results for the bagged resin dust sample are provided as the last page of Table 3.

Based on the presence of waste, the AE-2 soil sample analytical schedule was expanded to include VOCs and SVOCs. AE-2 soil showed exceedances for PCBs and cadmium, but no exceedances for VOCs or SVOCs. Based on these results, the AE excavation area limit was adjusted eastward and the depth was increased to 5 feet.

Area AF

Three samples were proposed within this area; however, AF-1 was inaccessible. SI sample 22 indicated metal exceedances between depths of 2'-3'. AF-2, collected in native material beneath the fill layer of concrete and slag, also exceeded criteria for Cd and Zn at 1.5'-2'; AF-3 exceeded criteria for Zn at 0-2'. The proposed excavation area is the same as originally proposed to a depth of 3'.

Areas AG and AH

Three samples were proposed in this area where only one previous sample had been obtained (SI sample location 13). At locations AG-2 and AG-3, excavated west of the process pit area, 2'-2.5' of fill material including sand, gravel, clay, and regraded clay was found overlying native clay. Zinc was detected in SI sample location 13 at a depth of 2'-3' and in supplemental sample AG-3 (1.5'-2'). Observations at AG-1 showed that pits east and west were contiguous beneath the main plant floor slab. The AG-1 sample (7') was collected one foot below the bottom slab and also showed an exceedance for Zn. The excavation area proposed was increased slightly based on the supplemental investigation data. The depth of proposed excavation remains 3'.

Area AI

No supplemental data was proposed or collected in the button ash pile. Proposed excavation includes the full extent of the button ash pile. The excavation depth is reduced from 2' to 1' since the test pit log indicates the pile is less than 16" deep.

Area AJ

Six samples were proposed from five locations within Area AJ where Cu and Zn were detected in SI sample 19. Only supplemental data location AJ-3 at 1'-2' exceeded criteria. Fill material including subbase was found to a depth of 2'. Excavation in sub-area AJ-a is proposed to 2'. It is believed that the large pit areas in Areas AJ and AK were constructed over clay. The excavation



area proposed has been reduced to reflect the presence of the pits. Beneath the pits in both areas AJ and AK excavation is proposed to a depth of 1' (combined into area AJ-b).

Area AK

Eight samples were proposed from six locations within Area AK. Sample location AK-3 was inaccessible. SI data indicates PAH exceedances were detected at location 18 at a depth of 1'-2' and Mn exceedances were detected in SI samples at location 17 (1'-2' and 5'-6'). Supplemental investigation data from locations AK-1 and AK-2 in the southern portion of Area AK (referred to as subarea AK-a in Figure 1) indicates the presence of foundry sand to 2'. PAHs exceeded criteria at location AK-2 which was sampled from 1'-2'. SI data at locations 17 and 17.1 indicated the presence of black angular (foundry) sand to a depth of 4'. It is proposed that the depth of excavation in the southern portion of Area AK (AK-A) be reduced from 6' to the top of clay, the average depth of which is 4'.

It is proposed that excavation within the northern portion of Area AK (sub-area AK-b) remain at the originally proposed depth of 6' since supplemental samples from locations AK-5 and AK-6 exceeded criteria for Zn at 4'-6', and foundry sand was found to a depth of 6'. SI results for sample 58.1 showed a marginal exceedance for Zn at a depth of 12' in native clay. Based on the limited mobility of Zn through the clay and the likelihood that this portion of the site will be backfilled after the remedial excavation is conducted, the Zn exceedance should pose no significant risk to future site users. Therefore, the planned remedial excavation will be conducted to the top of the native clay layer which is at an average depth of 6'.

Area AL

Samples AL-1 and AL-2 were collected in an area adjacent to SI locations 58/58.1. Two samples were taken from each location at depths of 0-2' and 2'-4' and analyzed for PAHs, PCBs, dinbutylphthalate, Cd, Zn, and Cr. Analytical results did not indicate any exceedances; however, foundry sand was found to a depth of 2' at AL-1 and to 4' at AL-2. Excavation to an average depth of 3' is proposed to remove the foundry sand.

Area AM

Four samples were proposed from three locations in Area AM where previous SI sample 56 exceeded the TAGM value for di-n-butyl phthalate. No foundry sand and/or slag were observed in the test pits and no exceedances were detected in the supplemental samples. Therefore, the excavation in this area has been reduced to the immediate area of SI location 56.

Area AN

No supplemental samples were proposed in this area where PCBs were previously detected by NYSDEC in basement/sump areas. The excavation area proposed is the same as originally proposed to a depth of 2' below the bottom slab.

Area BA

SI sample P-43 exceeded criteria for Mn by approximately 10 percent; however, supplemental investigation locations from fill materials in BA-1 and BA-2 and samples in adjacent area AM (AM-1, AM-2, AM-3), did not exceed criteria. Manganese is not a site-related contaminant. Therefore, no excavation is proposed for Area BA.



Area BB

PAHs exceeded criteria in SI sample 53 at 0-4' (fill and clay) and also exceeded criteria in supplemental investigation sample BB-1 at 0-2' which was obtained from foundry sand present in the soil boring. The excavation area and depth proposed remain the same as originally proposed.

Area BC

Eleven supplemental samples were obtained from Area BC and analyzed for contaminants exceeding criteria in SI samples 52 and 52.1 (arsenic, benzene, di-n-butylphthalate). Area BC is comprised of three adjacent rooms which showed different construction and characteristics. The northernmost room (subarea BC-a) was constructed with a raised floor on concrete piers. Beneath the floor was 2.5' of void space (un-enclosed) and then another 6" concrete slab. The lower slab was underlain by approximately 1' of clay/fill then native clay. Water seeped into the excavation for BC-4 at a depth of about 4' below the main slab. There was a di-n-butylphthalate exceedance in BC-4 fill just below the second slab. Based on these observations and results, excavation to a depth of 1' below the bottom slab is proposed for this subarea.

The middle room (sub-area BC-b) also had multiple floor slabs, but the lower slab was deeper (4.2' below the main slab) and no void space was evident. Observations at supplemental investigation location BC-1 (and SI locations 52/52.1) showed fill consisting of sand with brick and concrete between the floor slabs. Abundant water (with a chemical odor) was present just beneath the lower floor slab seeping into the BC-1 test pit at approximately 4.8' below the main plant floor. Clay was encountered at a depth of 5.5' below the main plant floor. Analytical sample results from depths of 3', 6', and 7.5'-8' all showed no criteria exceedances. Based on site observations, an additional sampling point (BC-5) was conducted (using the jackhammer) approximately 20' west of BC-1 to evaluate the extent of free water and the lower floor slab. BC-5 was advanced to a depth of 6.5' below the main floor slab. No lower floor was encountered and only a small amount of free water was observed. No analytical samples were collected at BC-5. Based on the results, an excavation depth of 6' is proposed for Subarea BC-b; however, PID readings and/or visual observations during excavation may indicate the need for deeper excavation in localized areas, especially in the area of sample point 52/52.1. Dewatering in this area may also be necessary during excavation activities. Although deeper (up to 21') benzene exceedances were observed at 52/52.1, the low permeability clay soil will limit contaminant migration and placement of clean fill over the area after excavation will mitigate any direct exposure from residual contamination.

The southernmost room (BC-c) showed only one main plant floor slab. The floor was underlain by foundry sand with some brick stone and slag to a depth of 3' at BC-3 and 4' at BC-2. Clay/silt was observed at both locations below a depth of 4.5'. Analytical samples were collected from 3', 6' and 9' at both locations and there were no criteria exceedances. Based on the BC-c area observations, excavation to an average depth of 6' below the main floor slab is proposed for this area.

Area BD

Supplemental sample locations BD-1, BD-2 and BD-3 (at depths of 3' and 6') surrounding SI sample point 54 did not indicate any exceedances. Fill containing some slag was present in the supplemental sampling to depths less than 2'. The sample point 54 PAH contamination at a depth of 3'-5', which marginally exceeded criteria, is considered localized with little potential to



migrate or adversely impact future site users. Therefore, the proposed excavation area for the area is reduced to a depth of 3'.

Area BE

No supplemental samples were proposed in this area. The excavation area proposed is the same as originally proposed.

Areas BF and BG (including location EX)

Five supplemental samples were proposed from a depth of 1'-2' in Areas BF and BG. Analytical results were similar to SI sample results in test pits 1 and 2 (1'-2'); however, foundry sand was found to a depth of 4' in the majority of supplemental test pits. The excavation depth in this area is therefore increased to 4'.

No samples were obtained from location EX; however, foundry sand was found to a depth of 2'. Samples collected from nearby test pit 3 at a depth of 1'-2' (fill) and 3'-4' (native) indicated the presence of black sand to a depth of approximately 2.5' with contaminants at levels below criteria. Localized excavation to a depth of 3' is proposed in this area.

Area BH

Upon further review, there was no metal exceedance in SI sample P-94 as originally indicated, confirmed by the lack of an exceedance in Supplemental sample BH-1. Area BH includes SI sample location 8 which indicated the presence of black angular (foundry) sand to a depth of 2'. Excavation to a depth of 2' is proposed in this area.

Area BI

Supplemental sample BI-1 results confirm the SI sample location 51 results with an exceedance of Cd at 3'-5'. Black angular (foundry) sand was found to a depth of 5'. The excavation area and depth proposed are the same as originally proposed.

Area BJ

No supplemental samples were proposed or collected from Area BJ. SI data indicated one exceedance of Cd at a depth of 7'-9' marginally above criteria (concentration of 4.53 mg/kg versus criteria of 4.3 mg/kg). Since the exceedance is below the depth of potential human exposure, and area BJ is beneath the freshwater cistern (see discussion for Area AC), Area BJ excavation has been eliminated.

Area BK

No exceedances were detected in supplemental investigation sample BK-1; however, since this was the lab area, the originally proposed excavation area and depth of 2' remains.

Summary

The table on Plate 1 provides a summary of the areas and volumes of the proposed remedial excavations at the Site. An estimated 34,674 cy of soil is proposed to be excavated. Based on the supplemental investigation data, LiRo believes that the level of confidence in the remedial volume estimate is greatly enhanced and that the quality of the remedial effort will be improved. Overall, the revised volume estimate represents a reduction of approximately 15% as a result of the Supplemental Investigation.



If you have any questions, please contact me at (716) 882-5476.

Sincerely,

LiRo Engineers, Inc.

Robert Kreuzer Vice President

(attch)

Cc Gregory Sutton - NYSDEC

Kenneth Swanekamp – Erie Co

Paul Kranz – Erie Co Jo Nasoff – ECIDA

Jason LaMonaco – City of Tonawanda

Matthew Forcucci - NYSDOH



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TABLE 1 SUMMARY OF SUPPLEMENTAL INVESTIGATION SAMPLING SPAULDING FIBRE SITE

Remediation	Contaminated	Proposed	Delineation	Proposed	Proposed Analysis	Actual	Actual Analysis
Area (Fig 1)	Sample ID	Location ID(s)	Sample Depth	# Samples		# Samples	-
A	SP-9	A-1, A-2, A-3	0-1' and 1-3'	6	PAHs	6	as proposed
В	79	B-1	2-4'	1	Cd	1	as proposed
C	TP-59	C-1	1-2'	1	PAHs, As, Ba, Cd, Cr*, Cu, Hg, Ni, Pb, Zn	1	as proposed
	SP-18	C-2, C-3	0-2'	2	As	2	as proposed
	SP-19	C-4, C-5, C-6	0-1' and 1-2'	6	Cu, Hg	6	as proposed
D	85F	D-1, D-2, D-3	1-2'	3	PAHs, Ba, Cd, Cu, Pb, Zn	3	as proposed
G	83	G-1, G-2	0-2' and 2-3'	4	PCBs, Di-N, Cd	4	as proposed
	84	G-3, G-4, G-5	0-2'	3	As, Cd	3	as proposed
I	TP-13	I-1, I-2, I-3	0-2'	3	As	4	added I-1 sample @ 0-1' for As, Ba, Cd, Cu, Mg, Zn
J	TP-15	J-1, J-2, J-3	0-2'	3	As	3	J-1 also analyzed for Zn
IJ	71.1	IJ-1, IJ-2	0-0.5'	3	PAHs	2	location IJ-3 not sampled
K	7	K-1, K-2	0-2' and 2-3'	4	PAHs	4	as proposed
M	TP-27	M-1, M-2	Fill (~0-2') & Native	4	PAHs, Ba, Cd, Cu, Pb	3	sampled 0'-6" & 1'-2'; no fill material at M-2 @ 0-6"
N	TP-28/SP-22	N-1, N-2, N-3	0-1' and 2-3'	6	Ba, Cu	2	proposed locations N-2 and N-3 not sampled
AA	P-60	AA-1, AA-2, AA-3	top Native (~2.5')	3	PAHs, As, Cu, Hg	5	3'-3.5' sampled; added AA-4 @ 1'-2' & 2.5'-3'
AC	P-61/P-44	AC-1, AC-2, AC-3, AC-4	1-2' and 2-3'	8	Cd, Zn	4	locations AC-1 & AC-2 inaccessible
AD	25F/24N	AD-1, AD-2	3', 6', and 9'	6	Zn	1	only AD-2 @ 9' taken due to void spaces
AE	76F	AE-1	top Native (~5')	1	PCB, Cd, Pb	2	sampled 2'-3'; added location AE-2 @ 3'-5'
AF	22	AF-1, AF-2, AF-3	0-2'	3	Cd, Zn	2	location AF-1 inaccessible
AG, AH	13/14	AG-1, AG-2, AG-3	top Native (~1-3')	3	Di-N, As, Cu, Mn, Zn	3	as proposed except AG-1 sampled at 7'
AJ	19N/77	AJ-1, AJ-2, AJ-3, AJ-4, AJ-5	1-2'	5	Cd, Zn	5	AJ-5 also analyzed for PCBs, Di-N, Cu, Hg
		AJ-5	4-5'	1	Cd	1	as proposed
	29	AJ-6, AJ-7, AJ-8	1-2'	3	PCBs, Cd	3	as proposed
AK	17F/18	AK-1	1-2'	1	PAHs, Mn	1	as proposed
		AK-2, AK-3, AK-4	1-2'	3	PAHs	2	location AK-3 inaccessible
	28	AK-5	0-2', 4-6'	2	PAHs, Di-N, PCBs, Cd, Zn	2	as proposed
		AK-6	0-2', 4-6'	2	PAHs, Di-N, PCBs, Cd, Zn, Cr*	2	as proposed except only Cr VI analyzed
AL	58F/58.1	AL-1	0-2' and 2-4'	2	PAHs, Di-N, PCBs, Cd, Zn, Cr*	2	as proposed except only Cr VI analyzed
		AL-2	0-2' and 2-4'	2	PAHs, Di-N, PCBs, Cd, Zn	2	as proposed
AM	56N	AM-1	1-3' and 4-6'	2	PAHs, Di-N, Cd, Cr*, Mn	2	as proposed
		AM-2, AM-3	0-2'	2	PAHs, Di-N, As, Cd, Cr*, Mn, Zn	2	as proposed
BA	P-43	BA-1, BA-2	0-2'	2	Mn	2	as proposed
ВВ	53F	BB-1	0-2' and 2-4'	2	PAHs, Di-N	1	foundry sand to 2' deep sample not taken
BC	52F,52N	BC-1, BC-2, BC-3	3', 6', and 9'	9	Benzene, Di-N, As	11	added BC-4 samples @ 3.5' & 9'
BD	54F	BD-1, BD-2, BD-3	3' and 6'	6	PAHs	6	as proposed
BF	1F	BF-1, BF-2, BF-3	1-2'	3	Ba, Cr*	3	as proposed
BG	2F	BG-1, BG-2	1-2'	2	Ba, Cr*	2	as proposed
ВН	P-94	BH-1	0-2'	1	Cd, Zn	1	as proposed
BI	51F	BI-1	3-5'	1	Cd, Zn	1	as proposed
BK	49F	BK-1	0-2'	1	Di-N	1	as proposed
			# of proposed samples	125	Total # of actual camples	113	1 1 1

Total # of proposed samples 125 Total # of actual samples 113

Notes:

PAHs - polycyclic aromatic hydrocarbons, Method 8270

PCBs - polychlorinated biphenyls, Method 8082

Di-N - di-n-butylphthalate, Method 8270

As - Arsenic, Ba - Barium, Cd - Cadmium, Cu - Copper

Cr* - Chromium total, Chromium III and Chromium VI

Hg - Mercury, Pb - Lead, Mn - Manganese, Zn - Zinc

TABLE 2 SUPPLEMENTAL INVESTIGATION SAMPLE LOCATION SURVEY COORDINATES PAGE 1 OF 2

		Surface	Complemental
Northing	Easting	Elevation (feet	Supplemental
i voi uiiii g		•	Sample ID
		amsl)	
10296.73	3206.16		A-1
10356.98	3292.39		A-2
10409.9	3368.16		A-3
10263.56	3555.24		B-1
9514.11	4137.57		C-1
9618.5	4157.1		C-2
9587.82	4274.07		C-3
9590.21	4047.08		C-4
9678.35	4119.33		C-5
9673.41	4207.16		C-6
9735.44	4226.41		D-1
9728.55	4193.18		D-2
9771.98	4200.89		D-3
9873.19	4772.46		G-1
9922.1	4783.15		G-2
9907.03	4881.07		G-3
9935.33	4819.22		G-4
9876.29	4837.07		G-5
10373.38	4846.74		I-1
10372.62	4804.14		I-2
10402.1	4810.76		I-3
10497.51	5019.5		J-1
10482.36	4973.14		J-2
10522.76	4977.15		J-3
10287.8966	4506.6712	597.321	K-1
10362.5284	4492.975	597.473	K-2
11108.17	4135.01		M-1
11086.98	4104.67		M-2
11045.01	4065.79		N-1
11013.29	3919.55		N-2
10901.74	3860.07		N-3
10567.8458	4320.3162	596.635	AA-1
10538.17	4288.61		AA-2
10557.4	4247.5		AA-3
10538	4346		AA-4*
10468.275	4033.7986	600.252	AC-3
10328.77	4054.83		AC-4
10356.7972	4233.6304	600.369	AD-2
10302.0316	4181.6209	600.26	AE-1
10291.4594	4206.9764	600.242	AE2
10248.5521	4272.4985	596.127	AF-2
10218.6066	4257.8276	595.611	AF-3
10056.5203	4305.1768	600.811	AG-1
10031.3574	4224.3332	600.756	AG-2
10075.228	4205.4175	600.392	AG-3
10117.7307	4143.1503	600.431	AJ-1
10174.2446	4141.679	600.394	AJ-2
10220.6552	4089.1778	600.048	AJ-3

Notes

Suvey coordinates are referenced to existing site survey

amsl = above mean sea level

Ref: Foit-Albert 6/19/08

*Location not measured with survey equipment

TABLE 2 SUPPLEMENTAL INVESTIGATION SAMPLE LOCATION SURVEY COORDINATES PAGE 2 OF 2

Northing	Easting	Surface Elevation (feet amsl)	Supplemental Sample ID
10319	3999		AJ-4*
10477.5787	3887.2864	599.986	AJ-5
10562.65	3916.74		AJ-6
10518.12	3899.26		AJ-7
10534.65	3871.59		AJ-8
10209.7801	4008.317	600.451	AK-1
10239.747	4014.3018	600.196	AK-2
10338.4557	3930.6175	600.349	AK4
10382.1206	3899.621	600.055	AK5
10456.29	3827.47		AK-6
10445.77	3793.11		AL-1
10388.06	3791.31		AL-2
10538.9	3775.21		AM-1
10534.38	3722.95		AM-2
10477.8515	3683.9844	600.175	AM-3
10559.4108	3616.739	599.835	BA-1
10541.125	3641.7388	600.06	BA-2
10647.6661	3785.5232	600.045	BB-1
10656.1074	3868.6963	600.222	BC-1
10618.375	3876.6337	600.47	BC-2
10595.079	3891.9004	599.906	BC-3
10683.2888	3841.7155	599.411	BC-4
10641	3838		BC-5*
10598.8934	3789.1341	600.266	BD-1
10571.6435	3824.874	600.342	BD-2
10574.67	3869.81		BD-3
9917.7118	4410.5365	600.5651	BF-1
9895.9167	4423.6567	600.3039	BF-2
9906.1298	4463.7581	598.1028	BF-3
9971.7164	4431.1209	600.6296	BG-1
9976.3255	4474.1273	600.5739	BG-2
10336.54	4418.02		BH-1
10552.33	3979.12		BI-1
10688.66	3967.34		BK-1
10049.0459	4561.0813	600.66	EX
10677.88	4767.37		IJ-1
10635.48	4776.42		IJ-2

TABLE 3 AREA A

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

PAGE 1 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	A-1	A-1	A-2	A-2	A-3	A-3		
Date Sampled	Part 375	Part 375	TAGM	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008		
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 1'	1' - 3'	0 - 1'	1' - 3'	0 - 1'	1' - 3'		
Compound	Residential										
SVOCs	Concentration in mg/kg				Concentration in mg/kg						
Acenaphthylene	100	500	NS	ND	ND	ND	ND	ND	ND		
Acenaphthene	100	500	NS	ND	ND	ND	ND	ND	ND		
Anthracene	100	500	NS	ND	ND	ND	ND	ND	ND		
Benzo[a]pyrene	1	1	NS	ND	ND	ND	ND	ND	ND		
Benzo[g,h,i]perylene	100	500	NS	ND	ND	ND	ND	ND	ND		
Benzo[a]anthracene	1	5.6	NS	ND	ND	ND	ND	ND	ND		
Benzo[b]fluoranthene	1	5.6	NS	0.044 J	ND	ND	ND	ND	ND		
Benzo[k]fluoranthene	3.9	56	NS	ND	ND	ND	ND	ND	ND		
Chrysene	3.9	56	NS	ND	ND	ND	ND	ND	ND		
Dibenzo(a,h)anthracene	0.33	0.56	NS	ND	ND	ND	ND	ND	ND		
Fluorene	100	500	NS	ND	ND	ND	ND	ND	ND		
Fluoranthene	100	500	NS	0.053 J	ND	ND	ND	0.047 J	ND		
Indeno(1,2,3-cd)pyrene	0.5	5.6	NS	ND	ND	ND	ND	ND	ND		
Naphthalene	100	500	NS	ND	ND	ND	ND	ND	ND		
Phenanthrene	100	500	NS	ND	ND	ND	ND	ND	ND		
Pyrene	100	500	NS	0.049 J	ND	ND	ND	0.044 J	ND		

Notes:

J = Estimated Value

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA B

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 2 OF 31

Sample Identification Date Sampled Sample Depth (in bgs) Compound	NYSDEC Part 375 Restricted Residential	NYSDEC Part 375 Commercial	NYSDEC TAGM Value	B-1 6/25/2008 2' - 4'			
Metals		Concentration in mg/kg					
Cadmium	4.3	9.3	NS	ND			

Notes:

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA C

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 3 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	C-1	C-2	C-3	C-4	C-4	C-5	C-5	C-6	C-6
Date Sampled	Part 375	Part 375	TAGM	6/19/2008	6/19/2008	6/19/2008	6/19/2008	6/19/2008	6/19/2008	6/19/2008	6/19/2008	6/19/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	1' - 2'	0 - 2'	0 - 2'	0 - 1'	1' - 2'	0 - 1'	1' - 2'	0 - 1'	1' - 2'
Compound	Residential											
SVOCs	g/kg				Con	centration in m	g/kg					
Acenaphthylene	100	500	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	100	500	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	500	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Benzo[a]pyrene	1	1	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Benzo[g,h,i]perylene	100	500	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Benzo[a]anthracene	1	5.6	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Benzo[b]fluoranthene	1	5.6	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Benzo[k]fluoranthene	3.9	56	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	3.9	56	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.33	0.56	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	100	500	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	500	NS	0.046 J	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	5.6	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	100	500	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	100	500	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	500	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Co	ncentration in mg	g/kg				Con	centration in m	g/kg			
Arsenic	16	16	NS	4.93	10.6	ND	NA	NA	NA	NA	NA	NA
Barium	400	400	NS	202	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	4.3	9.3	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	110	400	NS	29.6	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (hexavalent)	110	400	NS	ND	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (trivalent)	180	1500	NS	38	NA	NA	NA	NA	NA	NA	NA	NA
Copper	270	270	NS	32.5	NA	NA	1580	13.1	21.2	21.9	25.9	23.7
Lead	400	1000	NS	15.7	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.81	2.8	NS	ND	NA	NA	0.606	0.027	0.028	ND	0.049	0.016
Nickel	310	310	NS	37.8 N	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	10000	10000	NS	132	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

J = Estimated Value

N = Presumptive evidence of a compound

NA = Not Analyzed

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA D

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

PAGE 4 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	D-1	D-2	D-3
Date Sampled	Part 375	Part 375	TAGM	6/19/2008	6/19/2008	6/19/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	1' - 2'	1' - 2'	1' - 2'
Compound	Residential					
SVOCs	Con	ncentration in mg	g/kg	Con	centration in m	g/kg
Acenaphthylene	100	500	NS	ND	ND	ND
Acenaphthene	100	500	NS	ND	ND	ND
Anthracene	100	500	NS	ND	0.045 J	ND
Benzo[a]pyrene	1	1	NS	ND	0.065 J	ND
Benzo[g,h,i]perylene	100	500	NS	ND	ND	ND
Benzo[a]anthracene	1	5.6	NS	ND	0.083 J	ND
Benzo[b]fluoranthene	1	5.6	NS	ND	0.086 J	ND
Benzo[k]fluoranthene	3.9	56	NS	ND	ND	ND
Chrysene	3.9	56	NS	ND	0.081 J	ND
Dibenzo(a,h)anthracene	0.33	0.56	NS	ND	ND	ND
Fluorene	100	500	NS	ND	ND	ND
Fluoranthene	100	500	NS	ND	0.2 J	ND
Indeno(1,2,3-cd)pyrene	0.5	5.6	NS	ND	ND	ND
Naphthalene	100	500	NS	ND	ND	ND
Phenanthrene	100	500	NS	ND	0.17 J	ND
Pyrene	100	500	NS	ND	0.17 J	ND
Metals	Cor	ncentration in mg	g/kg	Con	centration in m	g/kg
Barium	400	400	NS	186	164	88.2
Cadmium	4.3	9.3	NS	ND	ND	ND
Copper	270	270	NS	28.9	33.9	24.8
Lead	400	1000	NS	14.7	15.5	19
Zinc	10000	10000	NS	97.5	101	90.3

Notes:

J = Estimated Value

NA = Not Analyzed

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA G

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 5 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	G-1	G-1	G-2	G-2	G-3	G-4	G-5
Date Sampled	Part 375	Part 375	TAGM	6/20/2008	6/20/2008	6/20/2008	6/20/2008	6/20/2008	6/20/2008	6/20/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 2'	2' - 3'	0 - 2'	2' - 3'	0 - 2'	0 - 2'	0 - 2'
Compound	Residential									
SVOCs	Cor	ncentration in mg	g/kg			Con	centration in m	g/kg		
Di-n-butylphthalate	NS	NS	8.1	<u>43 D</u>	1.1	2	0.51	NA	NA	NA
PCBs	Cor	ncentration in mg	g/kg			Con	centration in m	g/kg		
Aroclor 1016	1	N/A	1 or 10*	ND	ND	ND	ND	NA	NA	NA
Aroclor 1221	1	N/A	1 or 10*	ND	ND	ND	ND	NA	NA	NA
Aroclor 1232	1	N/A	1 or 10*	ND	ND	ND	ND	NA	NA	NA
Aroclor 1242	1	N/A	1 or 10*	ND	ND	ND	ND	NA	NA	NA
Aroclor 1248	1	N/A	1 or 10*	ND	ND	ND	ND	NA	NA	NA
Aroclor 1254	1	N/A	1 or 10*	ND	ND	ND	ND	NA	NA	NA
Aroclor 1260	1	N/A	1 or 10*	ND	ND	ND	ND	NA	NA	NA
Total PCBs	1	N/A	1 or 10*	0	0	0	0	NA	NA	NA
Metals	Concentration in mg/kg			Concentration in mg/kg						
Arsenic	16	16	NS	NA	NA	NA	NA	5.19	28.2	9.17
Cadmium	4.3	9.3	NS	ND	ND	ND	ND	ND	ND	2.21

Notes:

D = Diluted

NA = Not Analyzed

N/A = Not Applicable

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA I

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 6 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	I-1	I-1	I-2	I-3	
Date Sampled	Part 375	Part 375	TAGM	6/23/2008	6/23/2008	6/23/2008	6/23/2008	
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 1'	1' - 2'	0 - 2'	0 - 2'	
Compound	Residential							
Metals	Co	ncentration in mg	g/kg		Concentration in mg/kg			
Arsenic	16	16	NS	1.2	2.32	20.7	4.51	
Barium	400	400	NS	177	NA	NA	NA	
Cadmium	4.3	9.3	NS	ND	NA	NA	NA	
Copper	270	270	NS	8.07	NA	NA	NA	
Manganese	2000	10000	NS	1540	NA	NA	NA	
Zinc	10000	10000	NS	20.4	NA	NA	NA	

Notes:

NA = Not Analyzed

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3

AREA J

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 7 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	J-1	J-2	J-3	
Date Sampled	Part 375	Part 375	TAGM	6/23/2008	6/23/2008	6/23/2008	
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 1.8'	0 - 2'	0 - 2'	
Compound	Residential						
Metals	Cor	ncentration in ma	g/kg	Concentration in mg/kg			
Arsenic	16	16	NS	2.07	9.09	4.98	
Zinc	10000	10000	NS	16	NA	NA	

Notes:

NA = Not Analyzed

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA IJ

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 8 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	IJ-1	IJ-2	IJ-3*
Date Sampled	Part 375	Part 375	TAGM	6/23/2008	6/23/2008	6/23/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 6"	0 - 6"	
Compound	Residential					
SVOCs	Cor	ncentration in mg	g/kg	Con	centration in m	ıg/kg
Acenaphthylene	100	500	NS	ND	ND	
Acenaphthene	100	500	NS	ND	ND	
Anthracene	100	500	NS	ND	ND	
Benzo[a]pyrene	1	1	NS	ND	ND	
Benzo[g,h,i]perylene	100	500	NS	ND	ND	
Benzo[a]anthracene	1	5.6	NS	ND	ND	
Benzo[b]fluoranthene	1	5.6	NS	ND	1.1 J	
Benzo[k]fluoranthene	3.9	56	NS	ND	ND	
Chrysene	3.9	56	NS	ND	ND	
Dibenzo(a,h)anthracene	0.33	0.56	NS	ND	ND	
Fluorene	100	500	NS	ND	ND	
Fluoranthene	100	500	NS	ND	2.1 J	
Indeno(1,2,3-cd)pyrene	0.5	5.6	NS	ND	ND	
Naphthalene	100	500	NS	ND	ND	
Phenanthrene	100	500	NS	ND	1.3 J	
Pyrene	100	500	NS	ND	1.8 J	

Notes:

J = Estimated Value

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

^{*}Proposed sample location was inaccessible.

TABLE 3 AREA K

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 9 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	K-1	K-1	K-2	K-2
Date Sampled	Part 375	Part 375	TAGM	6/23/2008	6/23/2008	6/23/2008	6/23/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 2'	2' - 3'	0 - 2'	2' - 3'
Compound	Residential						
SVOCs	Cor	ncentration in mg	g/kg		Concentrati	on in mg/kg	
Acenaphthylene	100	500	NS	ND	ND	0.12 J	ND
Acenaphthene	100	500	NS	ND	ND	ND	ND
Anthracene	100	500	NS	ND	ND	0.04 J	ND
Benzo[a]pyrene	1	1	NS	0.059 J	ND	0.59	ND
Benzo[g,h,i]perylene	100	500	NS	ND	ND	0.31 J	ND
Benzo[a]anthracene	1	5.6	NS	0.073 J	ND	0.37	ND
Benzo[b]fluoranthene	1	5.6	NS	0.087 J	ND	0.96	ND
Benzo[k]fluoranthene	3.9	56	NS	ND	ND	0.23 J	ND
Chrysene	3.9	56	NS	0.072 J	ND	0.32 J	ND
Dibenzo(a,h)anthracene	0.33	0.56	NS	ND	ND	0.06 J	ND
Fluorene	100	500	NS	ND	ND	ND	ND
Fluoranthene	100	500	NS	0.14 J	ND	0.16 J	ND
Indeno(1,2,3-cd)pyrene	0.5	5.6	NS	ND	ND	0.28 J	ND
Naphthalene	100	500	NS	ND	ND	0.11 J	ND
Phenanthrene	100	500	NS	0.15 J	ND	0.065 J	ND
Pyrene	100	500	NS	0.14 J	ND	0.25 J	ND

Notes:

J = Estimated Value

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA M

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 10 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	M-1	M-1	M-2*	M-2
Date Sampled	Part 375	Part 375	TAGM	6/23/2008	6/23/2008	6/23/2008	6/23/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 6"	1' - 2'	0 - 6"	1' - 2'
Compound	Residential						
SVOCs	Cor	ncentration in mg	g/kg		Concentrati	on in mg/kg	
Acenaphthylene	100	500	NS	ND	ND		ND
Acenaphthene	100	500	NS	7.8	ND		ND
Anthracene	100	500	NS	15	ND		ND
Benzo[a]pyrene	1	1	NS	19	ND		ND
Benzo[g,h,i]perylene	100	500	NS	8.6	ND		ND
Benzo[a]anthracene	1	5.6	NS	23	ND		ND
Benzo[b]fluoranthene	1	5.6	NS	28	ND		ND
Benzo[k]fluoranthene	3.9	56	NS	7.7	ND		ND
Chrysene	3.9	56	NS	20	ND		ND
Dibenzo(a,h)anthracene	0.33	0.56	NS	2.3 J	ND		ND
Fluorene	100	500	NS	7.6	ND		ND
Fluoranthene	100	500	NS	42 D	ND		ND
Indeno(1,2,3-cd)pyrene	0.5	5.6	NS	8.5	ND		ND
Naphthalene	100	500	NS	10	ND		ND
Phenanthrene	100	500	NS	49 D	ND		ND
Pyrene	100	500	NS	41 D	ND		ND
Metals	Cor	ncentration in mg	g/kg	Concentration in mg/kg			
Barium	400	400	NS	143	170		101
Cadmium	4.3	9.3	NS	ND	ND		ND
Copper	270	270	NS	169	35.6		18
Lead	400	1000	NS	162	70.2		69.3

Notes:

D = Diluted

J = Estimated Value

NA = Not Analyzed

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

^{*}No fill material existed at sample location M-2, so sample could not be collected.

TABLE 3

AREA N

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 11 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	N-1	N-1	N-2*	N-2*	N-3*	N-3*
Date Sampled	Part 375	Part 375	TAGM	6/23/2008	6/23/2008	6/23/2008	6/23/2008	6/23/2008	6/23/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 1'	2' - 3'	0 - 1'	2' - 3'	0 - 1'	2' - 3'
Compound	Residential								
Metals	Cor	ncentration in mg	g/kg			Concentrati	on in mg/kg		
Barium	400	400	NS	164	185				
Copper	270	270	NS	61.6	36.1				

Notes:

D = Diluted

J = Estimated Value

NA = Not Analyzed

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

<u>Underline</u> = Result exceeds TAGM 4046 when Part 375 Criteria is NS

*Proposed sample location was inaccessible.

TABLE 3 AREA AA

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

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Sample Identification	NYSDEC	NYSDEC	NYSDEC	AA-1	AA-2	AA-3	AA-4	AA-4	
Date Sampled	Part 375	Part 375	TAGM	6/23/2008	6/23/2008	6/23/2008	6/23/2008	6/26/2008	
Sample Depth (in bgs)	Restricted	Commercial	Value	3' - 3.5'	3' - 3.5'	3' - 3.5'	1' - 2'	2.5' - 3'	
Compound	Residential								
SVOCs	Cor	ncentration in mg	g/kg		Con	centration in m	g/kg		
Acenaphthylene	100	500	NS	ND	ND	ND	ND	ND	
Acenaphthene	100	500	NS	ND	ND	0.051 J	ND	ND	
Anthracene	100	500	NS	ND	ND	0.089 J	ND	ND	
Benzo[a]pyrene	1	1	NS	ND	ND	0.11 J	ND	ND	
Benzo[g,h,i]perylene	100	500	NS	ND	ND	0.062 J	ND	ND	
Benzo[a]anthracene	1	5.6	NS	ND	ND	0.13 J	ND	ND	
Benzo[b]fluoranthene	1	5.6	NS	ND	ND	0.15 J	ND	ND	
Benzo[k]fluoranthene	3.9	56	NS	ND	ND	ND	ND	ND	
Chrysene	3.9	56	NS	ND	ND	0.12 J	ND	ND	
Di-n-butylphthalate	NS	NS	8.1	NA	NA	NA	ND	NA	
Dibenzo(a,h)anthracene	0.33	0.56	NS	ND	ND	ND	ND	ND	
Fluorene	100	500	NS	ND	ND	0.049 J	ND	ND	
Fluoranthene	100	500	NS	0.056 J	ND	0.37 J	ND	ND	
Indeno(1,2,3-cd)pyrene	0.5	5.6	NS	ND	ND	0.059 J	ND	ND	
Naphthalene	100	500	NS	ND	ND	ND	0.14 J	ND	
Phenanthrene	100	500	NS	ND	ND	0.37 J	0.1 J	ND	
Pyrene	100	500	NS	0.045 J	ND	0.3 J	ND	ND	
Metals	Cor	ncentration in mg	g/kg	Concentration in mg/kg					
Arsenic	16	16	NS	1.91	ND	ND	31.2	4.92	
Cadmium	4.3	9.3	NS	NA	NA	NA	ND	NA	
Copper	270	270	NS	25.4	27.1	23.7	53.6	31.1	
Manganese	2000	10000	NS	NA	NA	NA	191	NA	
Mercury	0.81	2.8	NS	0.028	0.015	0.631	0.049	0.021	
Zinc	10000	10000	NS	NA	NA	NA	562	NA	

Notes:

J = Estimated Value

NA = Not Analyzed

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA AC

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

PAGE 13 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	AC-1*	AC-1*	AC-2*	AC-2*	AC-3	AC-3	AC-4	AC-4
Date Sampled	Part 375	Part 375	TAGM	6/20/2008	6/20/2008	6/20/2008	6/20/2008	6/20/2008	6/20/2008	6/20/2008	6/20/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	1' - 2'	2' - 3'	1' - 2'	2' - 3'	1' - 2'	2' - 3'	1' - 2'	2' - 3'
Compound	Residential										
Metals	Cor	ncentration in mg	g/kg				Concentrati	on in mg/kg			
Cadmium	4.3	9.3	NS					3.06	3.87	ND	7.4
Zinc	10000	10000	NS					722	928	646	5700 D

Notes:

D = Diluted

J = Estimated Value

NA = Not Analyzed

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

<u>Underline</u> = Result exceeds TAGM 4046 when Part 375 Criteria is NS

*Proposed sample location was inaccessible.

TABLE 3 AREA AD

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

PAGE 14 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	AD-1*	AD-1*	AD-1*	AD-2*	AD-2*	AD-2
Date Sampled	Part 375	Part 375	TAGM						7/31/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	3'	6'	9'	3'	6'	7.5'-8.5'
Compound	Residential								
Metals	Cor	ncentration in ma	g/kg			Concentrati	on in mg/kg		
Zinc	10000	10000	NS						14700 D

Notes:

D = Diluted

J = Estimated Value

NA = Not Analyzed

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

<u>Underline</u> = Result exceeds TAGM 4046 when Part 375 Criteria is NS

* = Void spaces to depth so no samples taken

TABLE 3 AREA AE SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 15 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	AE-1	AE-2	
Date Sampled	Part 375	Part 375	TAGM	6/20/2008	6/20/2008	
Sample Depth (in bgs)	Restricted	Commercial	Value	2' - 3'	3' - 5'	
Compound	Residential					
VOCs		ncentration in ma	, ,	ND*		
SVOCs	Cor	ncentration in ma	g/kg			
Acenaphthylene	100	500	NS	NA	ND	
Acenaphthene	100	500	NS	NA	0.075 J	
Anthracene	100	500	NS	NA	0.064 J	
Benzo[a]pyrene	1	1	NS	NA	ND	
Benzo[g,h,i]perylene	100	500	NS	NA	ND	
Benzo[a]anthracene	1	5.6	NS	NA	0.041 J	
Benzo[b]fluoranthene	1	5.6	NS	NA	ND	
Benzo[k]fluoranthene	3.9	56	NS	NA	ND	
Chrysene	3.9	56	NS	NA	0.049 J	
Di-n-butylphthalate	NS	NS	8.1	NA	0.2 J	
Dibenzo(a,h)anthracene	0.33	0.56	NS	NA	ND	
Fluorene	100	500	NS	NA	0.15 J	
Fluoranthene	100	500	NS	NA	0.15 J	
Indeno(1,2,3-cd)pyrene	0.5	5.6	NS	NA	ND	
Naphthalene	100	500	NS	NA	0.095 J	
Phenanthrene	100	500	NS	NA	0.3 J	
Pyrene	100	500	NS	NA	0.15 J	
PCBs	Cor	ncentration in ma	g/kg	Concentrati	on in mg/kg	
Aroclor 1016	1	N/A	1 or 10*	ND	ND	
Aroclor 1221	1	N/A	1 or 10*	ND	ND	
Aroclor 1232	1	N/A	1 or 10*	ND	ND	
Aroclor 1242	1	N/A	1 or 10*	ND	ND	
Aroclor 1248	1	N/A	1 or 10*	ND	ND	
Aroclor 1254	1	N/A	1 or 10*	ND	1.2 E	
Aroclor 1260	1	N/A	1 or 10*	ND	ND	
Total PCBs	1	1 N/A 1 or 10*		0	1.2	
Metals	Cor	ncentration in ma	Concentrati	on in mg/kg		
Cadmium	4.3	9.3	NS	ND	15.2	
Lead	400	1000	NS	14.1	626	

Notes:

E = Value exceeds calibration range

NA = Not Analyzed

ND = Not detected above laboratory MDL

N/A = Not Applicable; NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA AF

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

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Sample Identification	NYSDEC	NYSDEC	NYSDEC	AF-2	AF-3
Date Sampled	Part 375	Part 375	TAGM	6/25/2008	6/25/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	1.5' - 2'	0 - 2'
Compound	Residential				
Metals	Cor	ncentration in ma	g/kg	Concentratio	n in mg/kg
Cadmium	4.3	9.3	NS	15.7	6.16
Zinc	10000	10000	NS	18000 D	10400 D

Notes:

D = Diluted

J = Estimated Value

NA = Not Analyzed

ND = Not detected above laboratory MDL

N/A = Not Applicable; NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3

AREAS AG & AH

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 17 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	AG-1	AG-2	AG-3	
Date Sampled	Part 375	Part 375	TAGM	6/25/2008	6/25/2008	6/25/2008	
Sample Depth (in bgs)	Restricted	Commercial	Value	7'	2' - 2.5'	1.5' - 2'	
Compound	Residential						
SVOCs	Cor	ncentration in ma	g/kg	Con	centration in m	ıg/kg	
Di-n-butylphthalate	NS	NS	8.1	ND	ND	ND	
Metals	Cor	ncentration in ma	g/kg	Concentration in mg/kg			
Arsenic	16	16	NS	4.29	4.88	3.82	
Copper	270	270	NS	27	28	29.2	
Manganese	2000	10000	NS	560	172	472	
Zinc	10000	10000	NS	96200 D	4930 D	57200 D	

Notes:

D = Diluted

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA AJ

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 18 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	AJ-1	AJ-2	AJ-3	AJ-4	AJ-5	AJ-5	AJ-6	AJ-7	AJ-8	
Date Sampled	Part 375	Part 375	TAGM	6/19/2008	6/19/2008	6/20/2008	6/26/2008	6/20/2008	6/20/2008	6/20/2008	6/20/2008	6/20/2008	
Sample Depth (in bgs)	Restricted	Commercial	Value	1' - 2'	1' - 2'	1' - 2'	1.5' - 2'	1' - 2'	4' - 5'	1' - 2'	1' - 2'	1' - 2'	
Compound	Residential												
SVOCs	Cor	ncentration in ma	g/kg		Concentration in mg/kg								
Di-n-butylphthalate	NS	NS	8.1	NA	NA	NA	NA	ND	NA	NA	NA	NA	
PCBs	Cor	ncentration in ma	g/kg				Conc	centration in r	ng/kg				
Aroclor 1016	1	N/A	1 or 10*	NA	NA	NA	NA	ND	NA	ND	ND	ND	
Aroclor 1221	1	N/A	1 or 10*	NA	NA	NA	NA	ND	NA	ND	ND	ND	
Aroclor 1232	1	N/A	1 or 10*	NA	NA	NA	NA	ND	NA	ND	ND	ND	
Aroclor 1242	1	N/A	1 or 10*	NA	NA	NA	NA	ND	NA	ND	ND	ND	
Aroclor 1248	1	N/A	1 or 10*	NA	NA	NA	NA	ND	NA	ND	ND	ND	
Aroclor 1254	1	N/A	1 or 10*	NA	NA	NA	NA	ND	NA	0.56 E	ND	ND	
Aroclor 1260	1	N/A	1 or 10*	NA	NA	NA	NA	ND	NA	ND	ND	ND	
Total PCBs	1	N/A	1 or 10*	NA	NA	NA	NA	0	NA	0.56	0	0	
Metals	Cor	ncentration in ma	g/kg				Conc	centration in r	ng/kg				
Cadmium	4.3	9.3	NS	ND	ND	4.51	ND	0.367 J	ND	3.73	1.43	0.997	
Copper	270	270	NS	NA	NA	NA	NA	25.3	NA	NA	NA	NA	
Mercury	0.81	2.8	NS	NA	NA	NA	NA	0.071	NA	NA	NA	NA	
Zinc	10000	10000	NS	911	557	17200 D	120	1010	NA	NA	NA	NA	

Notes:

D = Diluted

J = Estimated Value

NA = Not Analyzed

N/A = Not Applicable

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA AK

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

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Sample Identification	NYSDEC	NYSDEC	NYSDEC	AK-1	AK-2	AK-3*	AK-4	AK-5	AK-5	AK-6	AK-6
Date Sampled	Part 375	Part 375	TAGM	6/19/2008	6/20/2008	6/20/2008	6/20/2008	6/20/2008	6/20/2008	6/20/2008	6/20/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	1' - 2'	1' - 2'	1' - 2'	1' - 2'	0 - 2'	4' - 6'	0 - 2'	4' - 6'
Compound	Residential										
SVOCs	Cor	ncentration in mg	g/kg				Concentrati	on in mg/kg			
Acenaphthylene	100	500	NS	ND	ND		ND	ND	ND	ND	ND
Acenaphthene	100	500	NS	ND	0.33 J		ND	ND	0.19 J	0.092 J	ND
Anthracene	100	500	NS	ND	0.49		0.049 J	0.077 J	0.27 J	0.16 J	ND
Benzo[a]pyrene	1	1	NS	ND	1.5		0.32 J	0.49	0.28 J	0.51	0.055 J
Benzo[g,h,i]perylene	100	500	NS	ND	0.92		0.16 J	0.31 J	0.1 J	0.23 J	ND
Benzo[a]anthracene	1	5.6	NS	ND	1.5		0.27 J	0.4	0.44 J	0.52	0.071 J
Benzo[b]fluoranthene	1	5.6	NS	ND	1.9		0.55	0.87	0.39 J	0.61	0.077 J
Benzo[k]fluoranthene	3.9	56	NS	ND	0.58		0.12 J	0.13 J	0.14 J	0.26 J	ND
Chrysene	3.9	56	NS	ND	1.4		0.26 J	0.44	0.32 J	0.4	0.057 J
Di-n-butylphthalate	NS	NS	8.1	NA	NA		NA	ND	ND	0.85	ND
Dibenzo(a,h)anthracene	0.33	0.56	NS	ND	0.19 J		0.049 J	0.14 J	ND	0.057 J	ND
Fluorene	100	500	NS	ND	0.19 J		ND	ND	0.18 J	0.057 J	ND
Fluoranthene	100	500	NS	0.45 J	3.1 D		0.29 J	0.45	0.92	0.82	0.15 J
Indeno(1,2,3-cd)pyrene	0.5	5.6	NS	ND	0.88		0.14 J	0.29 J	0.098 J	0.21 J	ND
Naphthalene	100	500	NS	ND	0.47		0.18 J	0.19 J	0.23 J	0.45	0.05 J
Phenanthrene	100	500	NS	ND	1.7		0.25 J	0.38	1.2	0.7	0.14 J
Pyrene	100	500	NS	ND	2.4 D		0.31 J	0.5	0.74	0.79	0.13 J
PCBs	Cor	ncentration in mg	g/kg				Concentrati	on in mg/kg			
Aroclor 1016	1	N/A	1 or 10*	NA	NA		NA	ND	ND	ND	ND
Aroclor 1221	1	N/A	1 or 10*	NA	NA		NA	ND	ND	ND	ND
Aroclor 1232	1	N/A	1 or 10*	NA	NA		NA	ND	ND	ND	ND
Aroclor 1242	1	N/A	1 or 10*	NA	NA		NA	ND	ND	ND	ND
Aroclor 1248	1	N/A	1 or 10*	NA	NA		NA	ND	ND	ND	ND
Aroclor 1254	1	N/A	1 or 10*	NA	NA		NA	ND	ND	ND	ND
Aroclor 1260	1	N/A	1 or 10*	NA	NA		NA	ND	ND	ND	ND
Total PCBs	1	N/A	1 or 10*	NA	NA		NA	0	0	0	0
Metals	Cor	ncentration in mg	g/kg	Concentration in mg/kg							
Cadmium	4.3	9.3	NS	NA	NA		NA	ND	1.97	0.163 J	7.9
Chromium (total)	110	400	NS	NA	NA		NA	NA	NA	NA	NA
Chromium (hexavalent)	110	400	NS	NA	NA		NA	NA	NA	ND	ND
Chromium (trivalent)	180	1500	NS	NA	NA		NA	NA	NA	NA	NA
Manganese	2000	10000	NS	1080	NA		NA	NA	NA	NA	NA
Zinc	10000	10000	NS	NA	NA		NA	5420 D	25500 D	404	19600 D

Notes:

D = Diluted

J = Estimated Value

NA = Not Analyzed

ND = Not detected above laboratory MDL

N/A = Not Applicable; NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

^{*}Proposed sample location was inaccessible.

TABLE 3 AREA AL SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

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Sample Identification	NYSDEC	NYSDEC	NYSDEC	AL-1	AL-1	AL-2	AL-2	
Date Sampled	Part 375	Part 375	TAGM	6/20/2008	6/20/2008	6/20/2008	6/20/2008	
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 2'	2' - 4'	0 - 2'	2' - 4'	
Compound	Residential							
SVOCs	Cor	ncentration in mg	g/kg	Concentration in mg/kg				
Acenaphthylene	100	500	NS	ND	ND	ND	ND	
Acenaphthene	100	500	NS	ND	ND	ND	0.051 J	
Anthracene	100	500	NS	0.091 J	ND	ND	0.14 J	
Benzo[a]pyrene	1	1	NS	0.52	0.082 J	ND	0.28 J	
Benzo[g,h,i]perylene	100	500	NS	0.23 J	0.057 J	ND	0.14 J	
Benzo[a]anthracene	1	5.6	NS	0.62	0.088 J	ND	0.41 J	
Benzo[b]fluoranthene	1	5.6	NS	0.77	0.1 J	ND	0.39 J	
Benzo[k]fluoranthene	3.9	56	NS	0.24 J	0.043 J	ND	0.15 J	
Chrysene	3.9	56	NS	0.57	0.082 J	ND	0.33 J	
Di-n-butylphthalate	NS	NS	8.1	0.11 J	0.42 J	ND	0.58	
Dibenzo(a,h)anthracene	0.33	0.56	NS	0.073 J	ND	ND	ND	
Fluorene	100	500	NS	ND	ND	ND	0.049 J	
Fluoranthene	100	500	NS	0.88	0.13 J	ND	0.8	
Indeno(1,2,3-cd)pyrene	0.5	5.6	NS	0.22 J	0.058 J	ND	0.15 J	
Naphthalene	100	500	NS	0.085 J	ND	0.05 J	ND	
Phenanthrene	100	500	NS	0.35 J	0.076 J	ND	0.61	
Pyrene	100	500	NS	0.84	0.13 J	ND	0.73	
PCBs	Cor	ncentration in mg				on in mg/kg		
Aroclor 1016	1	N/A	1 or 10*	ND	ND	ND	ND	
Aroclor 1221	1	N/A	1 or 10*	ND	ND	ND	ND	
Aroclor 1232	1	N/A	1 or 10*	ND	ND	ND	ND	
Aroclor 1242	1	N/A	1 or 10*	ND	ND	ND	ND	
Aroclor 1248	1	N/A	1 or 10*	ND	ND	ND	ND	
Aroclor 1254	1	N/A	1 or 10*	ND	0.11	ND	ND	
Aroclor 1260	1	N/A	1 or 10*	ND	ND	ND	ND	
Total PCBs	1	N/A	1 or 10*	0	0.11	0	0	
Metals		ncentration in mg				on in mg/kg		
Cadmium	4.3	9.3	NS	3.05	0.235 J	3.91	4.23	
Chromium (total)	110	400	NS	NA	NA	NA	NA	
Chromium (hexavalent)	110	400	NS	ND	ND	NA	NA	
Chromium (trivalent)	180	1500	NS	NA	NA	NA	NA	
Zinc	10000	10000	NS	749	419	477	713	

Notes: J = Estimated Value

N/A = Not Applicable; NS = No standard

NA = Not Analyzed

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

ND = Not detected above laboratory MDL

TABLE 3 AREA AM

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

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Sample Identification	NYSDEC	NYSDEC	NYSDEC	AM-1	AM-1	AM-2	AM-3	
Date Sampled	Part 375	Part 375	TAGM	6/19/2008	6/19/2008	6/19/2008	6/19/2008	
Sample Depth (in bgs)	Restricted	Commercial	Value	1' - 3'	4' - 6'	0 - 2'	0 - 2'	
Compound	Residential							
SVOCs	Concentration in mg/kg			Concentration in mg/kg				
Acenaphthylene	100	500	NS	ND	ND	ND	ND	
Acenaphthene	100	500	NS	ND	ND	ND	ND	
Anthracene	100	500	NS	ND	ND	ND	ND	
Benzo[a]pyrene	1	1	NS	ND	ND	ND	ND	
Benzo[g,h,i]perylene	100	500	NS	ND	ND	ND	ND	
Benzo[a]anthracene	1	5.6	NS	ND	ND	ND	ND	
Benzo[b]fluoranthene	1	5.6	NS	ND	ND	ND	ND	
Benzo[k]fluoranthene	3.9	56	NS	ND	ND	ND	ND	
Chrysene	3.9	56	NS	ND	ND	ND	ND	
Di-n-butylphthalate	NS	NS	8.1	ND	ND	0.22 J	0.047 J	
Dibenzo(a,h)anthracene	0.33	0.56	NS	ND	ND	ND	ND	
Fluorene	100	500	NS	ND	ND	ND	ND	
Fluoranthene	100	500	NS	ND	ND	0.25 J	ND	
Indeno(1,2,3-cd)pyrene	0.5	5.6	NS	ND	ND	ND	ND	
Naphthalene	100	500	NS	ND	ND	ND	ND	
Phenanthrene	100	500	NS	0.055 J	ND	0.46 J	ND	
Pyrene	100	500	NS	ND	ND	0.25 J	ND	
Metals	Concentration in mg/kg			Concentration in mg/kg				
Arsenic	16	16	NS	NA	4.98	1.57	6.87	
Cadmium	4.3	9.3	NS	ND	ND	ND	ND	
Chromium (total)	110	400	NS	12.2	27.5	7.78	34.6	
Chromium (hexavalent)	110	400	NS	ND	ND	ND	ND	
Chromium (trivalent)	180	1500	NS	16.2	36.4	8.8	44.4	
Manganese	2000	10000	NS	114	576	807	714	
Zinc	10000	10000	NS	NA	NA	77.6	110	

Notes:

J = Estimated Value

NA = Not Analyzed

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA BA

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

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Sample Identification	NYSDEC	NYSDEC	NYSDEC	BA-1	BA-2
Date Sampled	Part 375	Part 375	TAGM	6/24/2008	6/24/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 2'	0 - 2'
Compound	Residential				
Metals	Co	ncentration in mg	Concentration in mg/kg		
Manganese	2000	10000	NS	836	244

Notes:

D = Diluted

J = Estimated Value

NA = Not Analyzed

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA BB SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 23 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	BB-1	BB-1*
Date Sampled	Part 375	Part 375	TAGM	7/31/2008	7/31/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 2'	2' - 4'
Compound	Residential				
SVOCs	Co	ncentration in mg	/kg	Concentrati	on in mg/kg
Acenaphthylene	100	500	NS	0.093 J	
Acenaphthene	100	500	NS	0.12 J	
Anthracene	100	500	NS	0.5	
Benzo[a]pyrene	1	1	NS	1.2	
Benzo[g,h,i]perylene	100	500	NS	0.72	
Benzo[a]anthracene	1	5.6	NS	1.3	
Benzo[b]fluoranthene	1	5.6	NS	1.5	
Benzo[k]fluoranthene	3.9	56	NS	0.48	
Chrysene	3.9	56	NS	1.2	
Di-n-butylphthalate	NS	NS	8.1	0.4	
Dibenzo(a,h)anthracene	0.33	0.56	NS	0.16 J	
Fluorene	100	500	NS	0.19 J	
Fluoranthene	100	500	NS	2.7 D	
Indeno(1,2,3-cd)pyrene	0.5	5.6	NS	0.74	
Naphthalene	100	500	NS	0.46	
Phenanthrene	100	500	NS	1.7	
Pyrene	100	500	NS	2.1	

Notes:

D = Diluted

J = Estimated Value

NA = Not Analyzed

 $ND = Not \ detected \ above \ laboratory \ MDL$

N/A = Not Applicable; NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

<u>Underline</u> = Result exceeds TAGM 4046 when Part 375 Criteria is NS

* = No sample taken at depth since foundry sand ended at a 2' depth.

TABLE 3 AREA BC

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 24 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	BC-1	BC-1	BC-1	BC-2	BC-2	BC-2	BC-3	BC-3	BC-3	BC-4	BC-4
Date Sampled	Part 375	Part 375	TAGM	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	3'	6'	7.5' - 8'	3'	6'	9'	3'	6'	9'	3.5'	9'
Compound	Residential													
VOCs	Cor	ncentration in mg	g/kg	Concentration in mg/kg										
Benzene	4.8	44	NS	ND	0.021 J	0.33	ND	ND						
SVOCs	Cor	ncentration in mg	g/kg	Concentration in mg/kg										
Di-n-butylphthalate	NS	NS	8.1	ND	ND	ND	ND	ND	ND	ND	0.045 J	ND	<u>17 D</u>	0.11 J
Metals	Cor	ncentration in mg	g/kg	Concentration in mg/kg										
Arsenic	16	16	NS	2.62	ND	ND	3.24	3.37	1.84	2.79	2.93	3.16	ND	ND

Notes:

D = Diluted

J = Estimated Value

 $ND = Not \ detected \ above \ laboratory \ MDL$

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA BD

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

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Sample Identification	NYSDEC	NYSDEC	NYSDEC	BD-1	BD-1	BD-2	BD-2	BD-3	BD-3
Date Sampled	Part 375	Part 375	TAGM	6/24/2008	6/25/2008	6/24/2008	6/24/2008	7/31/2008	7/31/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	3'	6'	3'	6'	3'	4.5'-6.5'
Compound	Residential								
SVOCs	Cor	ncentration in ma	g/kg			Concentrati	on in mg/kg		
Acenaphthylene	100	500	NS	ND	ND	ND	ND	ND	ND
Acenaphthene	100	500	NS	ND	ND	ND	ND	ND	ND
Anthracene	100	500	NS	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	1	1	NS	ND	ND	ND	ND	0.067 J	ND
Benzo[g,h,i]perylene	100	500	NS	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	1	5.6	NS	ND	ND	ND	ND	0.073 J	ND
Benzo[b]fluoranthene	1	5.6	NS	ND	ND	ND	ND	0.088 J	ND
Benzo[k]fluoranthene	3.9	56	NS	ND	ND	ND	ND	ND	ND
Chrysene	3.9	56	NS	ND	ND	ND	ND	0.068 J	ND
Dibenzo(a,h)anthracene	0.33	0.56	NS	ND	ND	ND	ND	ND	ND
Fluorene	100	500	NS	ND	ND	ND	ND	ND	ND
Fluoranthene	100	500	NS	ND	ND	ND	ND	0.15 J	ND
Indeno(1,2,3-cd)pyrene	0.5	5.6	NS	ND	ND	ND	ND	ND	ND
Naphthalene	100	500	NS	ND	ND	ND	ND	ND	ND
Phenanthrene	100	500	NS	ND	ND	ND	ND	0.11 J	ND
Pyrene	100	500	NS	ND	ND	ND	ND	0.11 J	ND

Notes:

J = Estimated Value

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA BF

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

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Sample Identification	NYSDEC	NYSDEC	NYSDEC	BF-1	BF-2	BF-3	
Date Sampled	Part 375	Part 375	TAGM	6/18/2008	6/18/2008	6/18/2008	
Sample Depth (in bgs)	Restricted	Commercial	Value	1' - 2'	1' - 2'	1' - 2'	
Compound	Residential						
Metals	Cor	Concentration in mg/kg			Concentration in mg/kg		
Barium	400	400	NS	444 N	514 N	462 N	
Chromium (total)	110	400	NS	219	227	227	
Chromium (hexavalent)	110	400	NS	ND	ND	ND	
Chromium (trivalent)	180	1500	NS	259	258	268	

Notes:

N = Presumptive evidence of a compound

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA BG

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

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Sample Identification	NYSDEC	NYSDEC	NYSDEC	BG-1	BG-2
Date Sampled	Part 375	Part 375	TAGM	6/18/2008	6/18/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 2'	0 - 2'
Compound	Residential				
Metals	Cor	ncentration in ma	g/kg	Concentrati	on in mg/kg
Barium	400	400	NS	477	480
Chromium (total)	110	400	NS	232	176
Chromium (hexavalent)	110	400	NS	ND	ND
Chromium (trivalent)	180	1500	NS	275	215

Notes:

D = Diluted

J = Estimated Value

NA = Not Analyzed

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA BH

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 28 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	BH-1
Date Sampled	Part 375	Part 375	TAGM	7/31/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 2'
Compound	Residential			
Metals	Co	ncentration in mg	/kg	Concentration in mg/kg
Cadmium	4.3	9.3	NS	0.571
Zinc	10000	10000	NS	72.4

Notes:

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA BI

SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION

	PA	GE	29	OF	31
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Sample Identification	NYSDEC	NYSDEC	NYSDEC	BI-1
Date Sampled	Part 375	Part 375	TAGM	6/20/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	3' - 5'
Compound	Residential			
Metals	Co	ncentration in mg	:/kg	Concentration in mg/kg
Cadmium	4.3	9.3	NS	9.09
Zinc	10000	10000	NS	1990

Notes:

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 AREA BK SUPPLEMENTAL SOIL SAMPLE RESULTS SPAULDING FIBRE SITE INVESTIGATION PAGE 30 OF 31

Sample Identification	NYSDEC	NYSDEC	NYSDEC	BK-1
Date Sampled	Part 375	Part 375	TAGM	7/31/2008
Sample Depth (in bgs)	Restricted	Commercial	Value	0 - 2'
Compound	Residential			
SVOCs	Concentration in mg/kg		/kg	Concentration in mg/kg
Di-n-butylphthalate	NS	NS	8.1	ND

Notes:

D = Diluted

J = Estimated Value

ND = Not detected above laboratory MDL

NS = No standard

Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

Shaded = Result exceeds 6 NYCRR Part 375 Commercial Objective

TABLE 3 SUMMARY OF TCLP AND WASTE CHARACTERIZATION PARAMETERS DETECTED IN BAGGED WASTE PAGE 31 OF 31

ANALYTE	6 NYCRR Part 371 and RCRA	AE-2 6/24/2008
VOCs	ug/L	Concentration in ug/L
1,1 Dichloroethene	700	ND S
1,2 Dichloroethane	500	ND
Benzene	500	ND
2-Butanone (Methyl Ethyl Ketone)	200,000	ND
Carbon Tetrachloride	500	ND
Chlorobenzene	100,000	ND
Chloroform	6,000	ND
Tetrachloroethene	700	ND
Trichloroethene	500	ND
Vinyl Chloride	200	ND
SVOCs	ug/L	Concentration in ug/L
1,4-Dichlorobenzene	7,500	ND
2,4-Dinitrotoluene	130	ND
Hexachlorobenzene	130	ND
Hexachlorobutadiene	500	ND
Hexachloroethane	3,000	ND
Nitrobenzene	2,000	ND
Pyridine	5,000	ND
2,4,5-Trichlorophenol	400,000	ND
2,4,6-Trichlorophenol	2,000	ND
2-Methylphenol (o-cresol)	200,000	45 J
3&4-Methylphenol (m&p-cresol)	200,000	530
Pentachlorophenol (ms)	100,000	ND
PESTs	ug/L	Concentration in ug/L
Endrin	20	ND
Heptachlor	8	ND
Heptachlor Epoxide	8	ND
Lindane	400	ND
Methoxychlor	10,000	ND
Toxaphene	500	ND
Chlordane	30	ND
HERBs	ug/L	Concentration in ug/L
2,4-D	10,000	ND
silvex	1,000	ND ND
METALS	mg/L	Concentration in mg/L
Arsenic as As	5	ND
Barium as Ba	100	0.289 J
Cadmium as Cd	1	ND
Chromium as Cr	5	ND ND
Lead as Pb	5	ND ND
Selenium as Se	1	ND ND
Silver as Ag	5	ND ND
Mercury as Hg	0.2	ND ND
Misc. Characteristics	V.E	
pH	2-12	8.2
Ignitability	2-12 <140 °F	8.2 >180 °F
Reactivity - Cyanide	250 mg/kg	>100 F ND
Reactivity - Cyanide Reactivity - Sulfide	500 mg/kg	ND ND
ineactivity - Sullide	500 mg/kg	ואט

Notes:

ND = Compound not detected above method detection limit (see lab report for mdl's)

J = Compound detected below quantitation limit

BOLD = Concentration exceeds NYSDEC 6 NYCRR Part 371 and RCRA Guidance Values

Table 4 Operable Unit 5 Restricted Residential Soil Cleanup Objective Exceedances Page 1 of 1

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
SI			
TP-13 (3"-12")	arsenic	34.9	16
TP-15 (0"-18")	arsenic	41.4	16
71.1 (0"-2")	Benzo(a)pyrene	47	1
	Benzo(a)anthracene	45	1
	Benzo(b)fluoranthene	68	1
	Benzo(k)fluoranthene	19	3.9
	Chrysene	59	3.9
	Dibenzo(a,h)anthracene	6.5	0.33
	Fluoranthene	110	100
	Indeno(1,2,3-cd)pyrene	26	0.5
Supplementa	Investigation		
I-2 (0'-2')	arsenic	20.7	16
IJ-2 (0-6")	benzo(b)fluoranthene	1.1 J	1

Table 5 Operable Unit 5 Commercial Soil Cleanup Objective Exceedances Page 1 of 1

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
SI			
TP-13 (3"-12")	arsenic	34.9	16
TP-15 (0"-18")	arsenic	41.4	16
71.1 (0"-2")	Benzo(a)pyrene Benzo(a)anthracene Benzo(b)fluoranthene Chrysene Dibenzo(a,h)anthracene Fluoranthene Indeno(1,2,3-cd)pyrene	47 45 68 59 6.5 110 26	1 5.6 5.6 56 0.56 100 5.6
Supplemental	Investigation		
I-2 (0'-2')	arsenic	20.7	16

Table 6 Operable Unit 5 Exceedances of Soil Cleanup Objectives - TAGM #4046 Criteria

		Concentration	
Sample ID	Contaminant	(mg/kg)	Criteria (mg/kg)
SI			
no exceedances			
Supplemental	Investigation		
no exceedances			

Table 7 Operable Unit 6 Restricted Residential Soil Cleanup Objective Exceedances Page 1 of 7

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
SI			
1F (1-2)	barium	455	400
	chromium (total)	199	110*
2F (1-2)	barium	417	400
	chromium (total)	145	110*
2N (4-5)	barium	404	400
	chromium (total)	118	110*
4F (0-1)	benzo(a)anthracene	72	1
	benzo(a)pyrene	57 	1
	benzo(b)fluoranthene	73	1
	benzo(k)fluoranthene	22	3.9
	chrysene	69	3.9
	dibenzo(a,h)anthracene	4.8	0.33
	fluoranthene	150	100
	indeno(1,2,3)cdpyrene	40	0.5
	phenanthrene	150	100
	pyrene	130 47	100
	arsenic		16
	barium	810	400
	cadmium	8.96	4.3
	chromium (total)	209	110*
	copper	770	270
	lead	1190	400
	Aroclor-1254	17	1
4F (2-3)	arsenic	34.9	16
7F (1-1.5)	benzo(a)anthracene	2.3	1
	benzo(a)pyrene	1.9	1
	benzo(b)fluoranthene	2.5	1
	indeno(1,2,3)cdpyrene	1	0.5
13N (2-3)	zinc	24100	10000
14F (1-2)	arsenic	23.2	16
	copper	301	270
	manganese	2050	2000
	zinc	19800	10000
14N (3-4)	zinc	39600	10000
17F (1-2)	manganese	2020	2000

^{* 110} mg/kg criteria is for hexavalent chromium only

Table 7 Operable Unit 6 Restricted Residential Soil Cleanup Objective Exceedances Page 2 of 7

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
17N (5-6)	manganese	2800	2000
18F (1-2)	benzo(a)pyrene benzo(b)fluoranthene indeno(1,2,3)cdpyrene	1.2 1.4 1.1	1 1 0.5
19N (1-2)	copper zinc	351 21400	270 10000
22F (1-2)	cadmium zinc	5.63 20900	4.3 10000
22N (2-3)	cadmium zinc	43.3 26700	4.3 10000
24N (7-9)	zinc	24100	10000
25F (7-9)	zinc	55300	10000
28N (4-6)	cadmium	5.44	4.3
29F (1-2)	cadmium Aroclor-1248	4.37 1.2	4.3 1
30F (2-4)	cadmium	8.64	4.3
32N (7-9)	cadmium	4.53	4.3
34F (1-2)	copper mercury	496 1.3	270 0.81
44N (1.5-3)	barium	404	400
51F (3-5)	cadmium lead	7.38 410	4.3 400
52N (5-7)	benzene arsenic	9.8 21.9	4.8 16
52N (13-15)	benzene	25	4.8
52.1F (19-21)	benzene	26	4.8

^{* 110} mg/kg criteria is for hexavalent chromium only

Table 7 Operable Unit 6 Restricted Residential Soil Cleanup Objective Exceedances Page 3 of 7

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
53F (0-4)	benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene indeno(1,2,3)cdpyrene	3.2 3.2 4.1 2.1	1 1 1 0.5
54F (3-5)	benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene indeno(1,2,3)cdpyrene	1.6 1.2 1.5 0.84	1 1 1 0.5
57F (2-4)	chromium (total) manganese	216 3580	110* 2000
57N (4-6)	cadmium	13.4	4.3
58F (0-2)	benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene indeno(1,2,3)cdpyrene benzo(k)fluoranthene chrysene Aroclor-1248	18 14 18 7.9 6.1 16 2.2	1 1 0.5 3.9 3.9
58F (4-6)	copper zinc	274 11100	270 10000
58.1F (2-4)	cadmium	4.5	4.3
58.1N (11-12)	zinc	11000	10000
66F (0-0.5)	benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene indeno(1,2,3)cdpyrene	1.8 1.5 1.9 0.81	1 1 1 0.5
67F (0-0.5)	Aroclor-1248	1.7	1
76F (3-4)	cadmium lead Aroclor-1248	12.8 481 2	4.3 400 1
77N (1-2)	zinc	23200	10000
79N (3-4)	cadmium	6.3	4.3
82F (0-2)	cadmium	4.88	4.3

^{* 110} mg/kg criteria is for hexavalent chromium only

Table 7 Operable Unit 6 Restricted Residential Soil Cleanup Objective Exceedances Page 4 of 7

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
83F (0-2)	Aroclor-1248	2.6	1
	cadmium	4.72	4.3
84F (1-2)	arsenic	51.7	16
85F (0-1)	benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene benzo(k)fluoranthene chrysene dibenzo(a,h)anthracene fluoranthene indeno(1,2,3)cdpyrene phenanthrene pyrene barium cadmium copper lead zinc	77 66 75 20 71 3.8 230 47 270 170 787 6.63 1950 653 12600	1 1 3.9 3.9 0.33 100 0.5 100 100 400 4.3 270 400 10000
85N (2-3)	indeno(1,2,3)cd-pyrene	0.63	0.5
TP-27 (0"-60")	benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene indeno[1,2,3-cd]pyrene cadmium copper lead	2.1 1.8 2.4 0.62 6.38 789 412	1 1 1 0.5 4.3 270 400
TP-28 (0"-36")	barium	636	400
TP-59 (2"-8")	benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene indeno[1,2,3-cd]pyrene arsenic barium cadmium chromium (total) copper lead mercury nickel zinc	1.1 1.6 0.84 216 1770 108 275 37200 3440 5.8 324 49000	1 1 0.5 16 400 4.3 110* 270 400 0.81 310 10000

^{* 110} mg/kg criteria is for hexavalent chromium only

Table 7 Operable Unit 6 Restricted Residential Soil Cleanup Objective Exceedances Page 5 of 7

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
TP-65 (0"-16")	arsenic	32.7	16
	copper	1090	270
	lead	715	400
	mercury	3.6	0.81
	zinc	20700	10000
SP-18 (comp)	arsenic	18.3	16
SP-19 (comp)	copper	2020	270
	mercury	1	0.81
SP-21 (comp)	arsenic barium cadmium chromium (total) copper lead mercury nickel zinc	26.1 686 229 115 12700 941 3.4 457 25000	16 400 4.3 110* 270 400 0.81 310 10000
SP-22 (comp)	barium	1410	400
	copper	23600	270
P-43	manganese	2330	2000
P-44	cadmium	7.23	4.3
	zinc	42700	10000
P-60	benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene benzo(k)fluoranthene chrysene dibenzo(a,h)anthracene indeno[1,2,3-cd]pyrene arsenic copper mercury	41 39 50 18 38 2.4 24 132 569 5.3	1 1 3.9 3.9 0.56 0.5 16 270 0.81
P-61	cadmium	10.5	4.3
	zinc	73700	10000

^{* 110} mg/kg criteria is for hexavalent chromium only

Table 7 Operable Unit 6 Restricted Residential Soil Cleanup Objective Exceedances Page 6 of 7

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
FD1	Aroclor-1248	84	1
FD2	Aroclor-1248	12	1
FD3	Aroclor-1248	5.3	1
FD4	Aroclor-1248	12	1
Sump A	Aroclor-1248	150	1
Sump B	Aroclor-1248	430	1
SD-01	Aroclor-1248	6.49	1
SD-02	Aroclor-1248	8.48	1
SD-03	Aroclor-1248	11.7	1
Supplemental	Investigation	Concentration (mg/kg)	Criteria (mg/kg)
C-4 (0-1')	copper	1580	270
G-4 (0'2')	arsenic	28.2	16
M-1 (0-6")	benzo(a)pyrene benzo(a)anthracene benzo(b)fluoranthene benzo(k)fluoranthene chrysene dibenzo(a,h)anthracene indeno(1,2,3-cd)pyrene	19 23 28 7.7 20 2.3 8.5	1 1 3.9 3.9 0.33 0.5
AA-4 (1'-2')	arsenic	31.2	16
AC-4 (2'-3')	cadmium	7.4	4.3
AD-2 (7.5'-8.5')	zinc	14700	10000
AE-2 (3'-5')	Aroclor 1254 cadmium	1.2 15.2	1 4.3
AF-2 (1.5'-2')	cadmium zinc	15.7 18000	4.3 10000
AF-3 (0-2')	cadmium zinc	6.16 10400	4.3 10000

^{* 110} mg/kg criteria is for hexavalent chromium only

Table 7 Operable Unit 6 Restricted Residential Soil Cleanup Objective Exceedances Page 7 of 7

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
AG-1 (7')	zinc	96200	10000
AG-3 (1.5'-2')	zinc	57200	10000
AJ-3 (1'-2')	cadmium	4.51	4.3
	zinc	17200	10000
AK-2 (1'-2')	benzo(a)pyrene	1.5	1
	benzo(a)anthracene	1.5	1
	benzo(b)fluoranthene	1.9	1
	indeno(1,2,3-cd)pyrene	0.88	0.5
AK-5 (4'-6')	zinc	25500	10000
AK-6 (4'-6')	cadmium	7.9	4.3
	zinc	19600	10000
BB-1 (0-2')	benzo(a)pyrene	1.2	1
	benzo(a)anthracene	1.3	1
	benzo(b)fluoranthene	1.5	1
	indeno(1,2,3-cd)pyrene	0.74	0.5
BF-1 (1'-2')	barium	444	400
	chromium (total)	219	110
	chromium (trivalent)	259	180
BF-2 (1'-2')	barium	514	400
	chromium (total)	227	110
	chromium (trivalent)	258	180
BF-3 (1'-2')	barium	462	400
	chromium (total)	227	110
	chromium (trivalent)	268	180
BG-1 (0-2')	barium	477	400
	chromium (total)	232	110
	chromium (trivalent)	275	180
BG-2 (0-2')	barium	480	400
	chromium (total)	176	110
	chromium (trivalent)	215	180
BI-1 (3'-5')	cadmium	9.09	4.3

^{* 110} mg/kg criteria is for hexavalent chromium only

Table 8 Operable Unit 6 Commercial Soil Cleanup Objective Exceednaces Page 1 of 5

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
SI			
1F (1-2)	barium	455	400
2F (1-2)	barium	417	400
2N (4-5)	barium	404	400
4F (0-1)	benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene chrysene dibenzo(a,h)anthracene indeno(1,2,3)cd-pyrene arsenic barium copper lead Aroclor 1254	72 55 73 69 4.8 34 47 810 770 1190	5.6 1 5.6 56 0.56 5.6 16 400 270 1000 1
4F (2-3)	arsenic	34.9	16
7F (1-1.5)	benzo(a)pyrene	1.9	1
13N (2-3)	zinc	24100	10000
14F (1-2)	arsenic copper zinc	23.2 301 19800	16 270 10000
14N (3-4)	zinc	39600	10000
18F (1-2)	benzo(a)pyrene	1.2	1
19N (1-2)	copper zinc	351 21400	270 10000
22F (1-2)	zinc	20900	10000
22N (2-3)	cadmium zinc	43.3 26700	9.3 10000
24N (7-9)	zinc	24100	10000
25F (7-9)	zinc	55300	10000
29F (1-2)	Aroclor-1248	1.2	1
34F (1-2)	copper	496	270

^{* 110} mg/kg criteria is for hexavalent chromium only

Table 8 Operable Unit 6 Commercial Soil Cleanup Objective Exceednaces Page 2 of 5

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
44N (1.5-3)	barium	404	400
52N (5-7)	arsenic	21.9	16
53F (0-4)	benzo(a)pyrene	3.2	1
54 F (3-5)	benzo(a)pyrene	1.2	1
57N (4-6)	cadmium	13.4	9.3
58F (0-2)	benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene indeno(1,2,3)cd-pyrene Aroclor-1248	18 14 18 7.9 2.2	5.6 1 5.6 5.6 1
58F (4-6)	copper zinc	274 11100	270 10000
58.1N (11-12)	zinc	11000	10000
66F (0-0.5)	benzo(a)pyrene	1.5	1
67F (0-0.5)	Aroclor-1254	1.7	1
76F (3-4)	cadmium Aroclor-1248	12.8 2	9.3 1
77N (1-2)	zinc	23200	10000
83F (0-2)	Aroclor-1254	2.6	1
84F (1-2)	arsenic	51.7	16
85F (0-1)	benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene indeno(1,2,3)cd-pyrene dibenzo(a,h)anthracene barium copper zinc	77 66 75 47 3.8 787 1950	5.6 1 5.6 5.6 0.56 400 270 10000
TP-27 (0"-60")	benzo(a)pyrene copper	1.8 789	1 270
TP-28 (0"-36")	barium	636	400

^{* 110} mg/kg criteria is for hexavalent chromium only

Table 8 Operable Unit 6 Commercial Soil Cleanup Objective Exceednaces Page 3 of 5

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
TP-59 (2"-8")	benzo(a)pyrene	1.1	1
(- ,	arsenic	216	16
	barium	1770	400
	cadmium	108	9.3
	copper	37200	270
	lead	3440	1000
	mercury	5.8	2.8
	nickel	324	310
	zinc	49000	10000
	ZIIIC	49000	10000
TP-65 (0"-16")	arsenic	32.7	16
	copper	1090	270
	mercury	3.6	2.8
	zinc	20700	10000
SP-18 (comp)	arsenic	18.3	16
SP-19 (comp)	copper	2020	270
SP-21 (comp)	arsenic	26.1	16
- ((· · · · · · · · · · · · · · · · ·	barium	686	400
	cadmium	229	9.3
	copper	12700	270
	mercury	3.4	2.8
	nickel	457	310
	zinc	25000	10000
P-44	zinc	42700	10000
D 00	la a a a a d'a Na a thanan a a a	44	5.0
P-60	benzo(a)anthracene	41	5.6
	benzo(a)pyrene	39 50	1
	benzo(b)fluoranthene	50	5.6
	benzo(k)fluoranthene	18	56
	chrysene	38	56
	dibenzo(a,h)anthracene	2.4	0.56
	indeno[1,2,3-cd]pyrene	24	5.6
	arsenic	132	16
	copper	569	270
	mercury	5.3	2.8
P-61	cadmium	10.5	9.3
	zinc	73700	10000
SP-22 (comp)	barium	1410	400
C. 22 (30111p)	copper	23600	270
FD1	Aroclor-1248	84	1
FD2	Aroclor-1248	12	1

^{* 110} mg/kg criteria is for hexavalent chromium only

Table 8 Operable Unit 6 Commercial Soil Cleanup Objective Exceednaces Page 4 of 5

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
FD3	Aroclor-1248	5.3	1
FD4	Aroclor-1248	12	1
Sump A	Aroclor-1248	150	1
Sump B	Aroclor-1248	430	1
SD-01	Aroclor-1248	6.49	1
SD-02	Aroclor-1248	8.48	1
SD-03	Aroclor-1248	11.7	1
Supplementa	Investigation	Concentration (mg/kg)	Criteria (mg/kg)
C-4 (0-1')	copper	1580	270
G-4 (0-2')	arsenic	28.2	16
M-1 (0-6")	benzo(a)pyrene benzo(a)anthracene benzo(b)fluoranthene dibenzo(a,h)anthracene indeno(1,2,3-cd)pyrene	19 23 28 2.3 8.5	1 5.6 5.6 0.56 5.6
AA-4 (1'-2')	arsenic	31.2	16
AD-2 (7.5'-8.5')	zinc	14700	10000
AE-2 (3'-5')	cadmium	15.2	9.3
AF-2 (1.5'-2')	cadmium zinc	15.7 18000	4.3 10000
AF-3 (0-2')	zinc	10400	10000
AG-1 (7')	zinc	96200	10000
AG-3 (1.5'-2')	zinc	57200	10000
AJ-3 (1'-2')	zinc	17200	10000
AK-2 (1'-2')	benzo(a)pyrene	1.5	1
AK-5 (4'-6')	zinc	25500	10000
AK-6 (4'-6')	zinc	19600	10000

^{* 110} mg/kg criteria is for hexavalent chromium only

Table 8 Operable Unit 6 Commercial Soil Cleanup Objective Exceednaces Page 5 of 5

Sample ID	Contaminant Concentration (mg/kg)		Criteria (mg/kg)
BB-1 (0-2')	benzo(a)pyrene	1.2	1
BF-1 (1'-2')	barium	444	400
BF-2 (1'-2')	barium	514	400
BF-3 (1'-2')	barium	462	400
BG-1 (0-2')	barium	477	400
BG-2 (0-2')	barium	480	400

^{* 110} mg/kg criteria is for hexavalent chromium only

Table 9 Operable Unit 6 TAGM #4046 Soil Cleanup Objective Exceedances Page 1 of 1

Sample ID	Sample ID Contaminant		Criteria (mg/kg)
SI			
4F (0-1)	di-n-butylphthalate dimethyl phthalate	260 3	8.1 2
14F (1-2)	di-n-butylphthalate	8.3	8.1
49F (0-2)	di-n-butylphthalate	530	8.1
52.1F (1-3)	di-n-butylphthalate	9.6	8.1
53F (0-4)	di-n-butylphthalate	280	8.1
56N (1-2)	di-n-butylphthalate	50	8.1
58F (0-2)	di-n-butylphthalate	210	8.1
67F (0-0.5)	di-n-butylphthalate	230	8.1
83F (0-2)	di-n-butylphthalate	440	8.1
Suplemental Investigation		Concentration (mg/kg)	Criteria (mg/kg)
G-1 (0-2')	di-n-butylphthalate	43	8.1
BC-4 (3.5')	di-n-butylphthalate	17	8.1

Table 10 Operable Unit 6 Summary of Exceedances Page 1 of 1

		Restricted-Residential Summary		Commercial Summary	
Site Investigation Analyte	Maximum Concentration (mg/kg)	Number of Exceedances	Soil Cleanup Objective (mg/kg)	Number of Exceedances	Soil Cleanup Objective (mg/kg)
Arsenic	216	10	16	10	16
Barium	1770	10	400	10	400
Cadmium	229	20	4.3	6	9.3
Chromium	275	7	110	0	400
Copper	37200	13	270	13	270
Lead	3440	8	400	2	1000
Manganese	3580	5	2000	0	10000
Mercury	5.8	6	0.81	4	2.8
Nickel	457	2	310	2	310
Zinc	73700	17	10000	17	10000
PCB	17	6	1	6	1
Benzene	26	3	4.8	0	44
Benzo(a)anthracene	77	10	1	4	5.6
benzo(a)pyrene	66	11	1	11	1
benzo(b)fluoranthene	75	11	1	4	5.6
benzo(k)fluoranthene	22	4	3.9	1	56
chrysene	71	4	3.9	2	56
dibenzo(a,h)anthracene	4.8	3	0.33	3	0.56
fluoranthene	230	2	100	0	500
indeno(1,2,3)cd-pyrene	47	12	0.5	4	5.6
phenanthrene	270	2	100	0	500
pyrene	170	2	100	0	500
	ummary				
Site Investigation Analyte	Maximum Concentration (mg/kg)	Number of Exceedances	TAGM RSCO (mg/kg)		
dimethyl phthalate di-n-butylphthalate	3 530	1 8	2 8.1		

		Restricted-Residential Summary		Commercial Summary	
Supplemental Investigation Analyte	Maximum Concentration (mg/kg)	Number of Exceedances	Soil Cleanup Objective (mg/kg)	Number of Exceedances	Soil Cleanup Objective (mg/kg)
Arsenic	31.2	2	16	2	16
Barium	51.2 514	5	400	5	400
Cadmium	15.7	7	4.3	2	9.3
Chromium (total)	232	5	110	0	400
Chromium (trivalent)	275	5	180	0	100
Copper	1580	1	270	1	270
Zinc	96200	8	10000	8	10000
PCB	1.2	1	1	0	1
Benzo(a)anthracene	23	3	1	1	5.6
benzo(a)pyrene	19	3	1	3	1
benzo(b)fluoranthene	28	3	1	1	5.6
benzo(k)fluoranthene	7.7	1	3.9	0	56
chrysene	20	1	3.9	0	56
dibenzo(a,h)anthracene	2.3	1	0.33	1	0.56
indeno(1,2,3)cd-pyrene	8.5	2	0.5	1	5.6
phenanthrene	270	2	100	0	500
pyrene	170	2	100	0	500

	TAGM #4046 Summary			
S	upplemental Investigation Analyte	Maximum Concentration (mg/kg)	Number of Exceedances	TAGM RSCO (mg/kg)
di	-n-butylphthalate	43	2	8.1

Table 11 Operable Unit 7 Restricted Residential Soil Cleanup Objective Exceedances Page 1 of 1

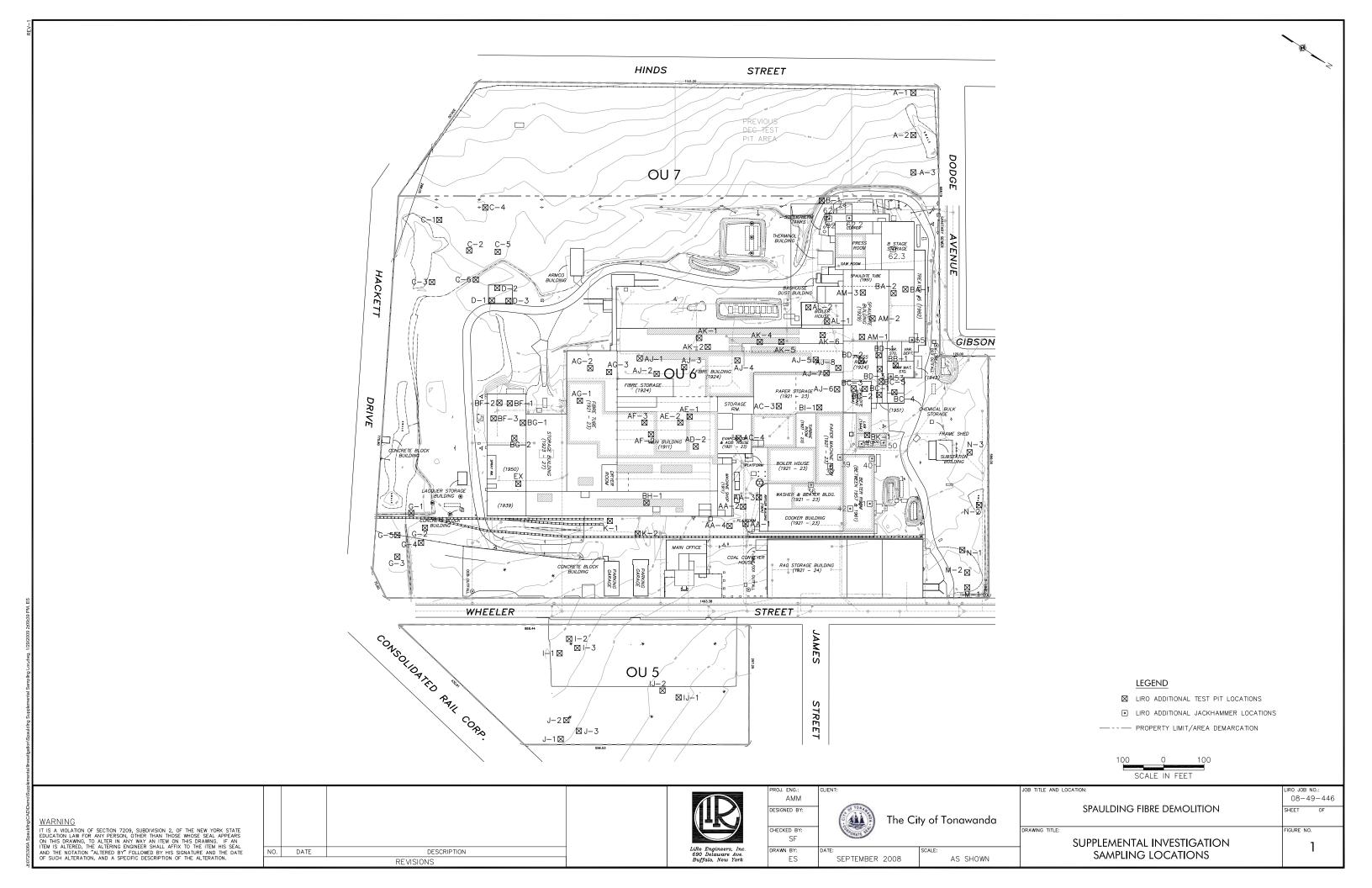
Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
SI			
SP-9	benzo(a)anthracene	1.5	1
	benzo(a)pyrene	1.3	1
	benzo(b)fluoranthene	1.8	1
	indeno[1,2,3-cd]pyrene	0.99	0.5
Supplemental	Investigation		
no exceedances			

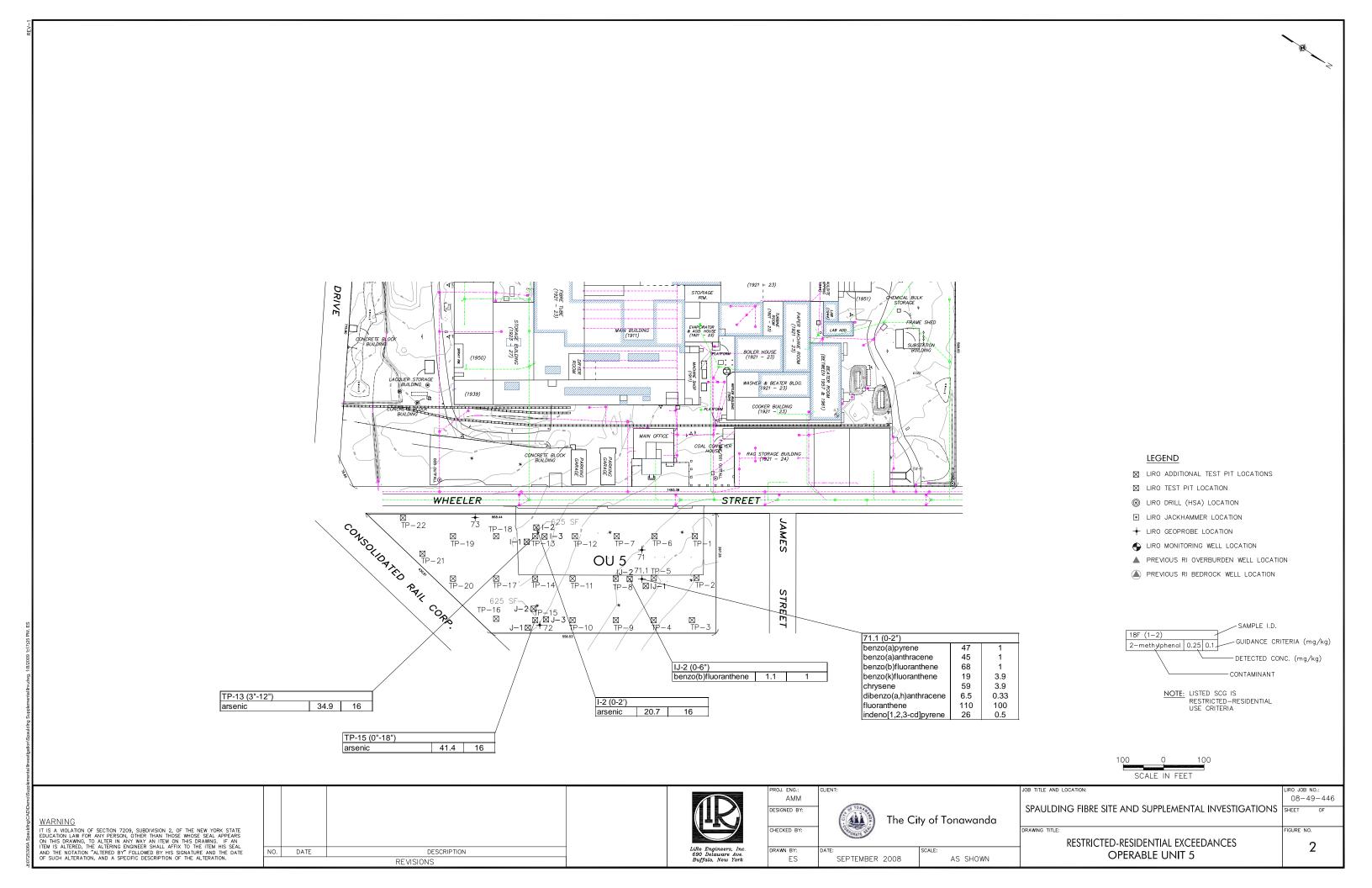
Table 12 Operable Unit 7 Commercial Soil Cleanup Objective Exceedances Page 1 of 1

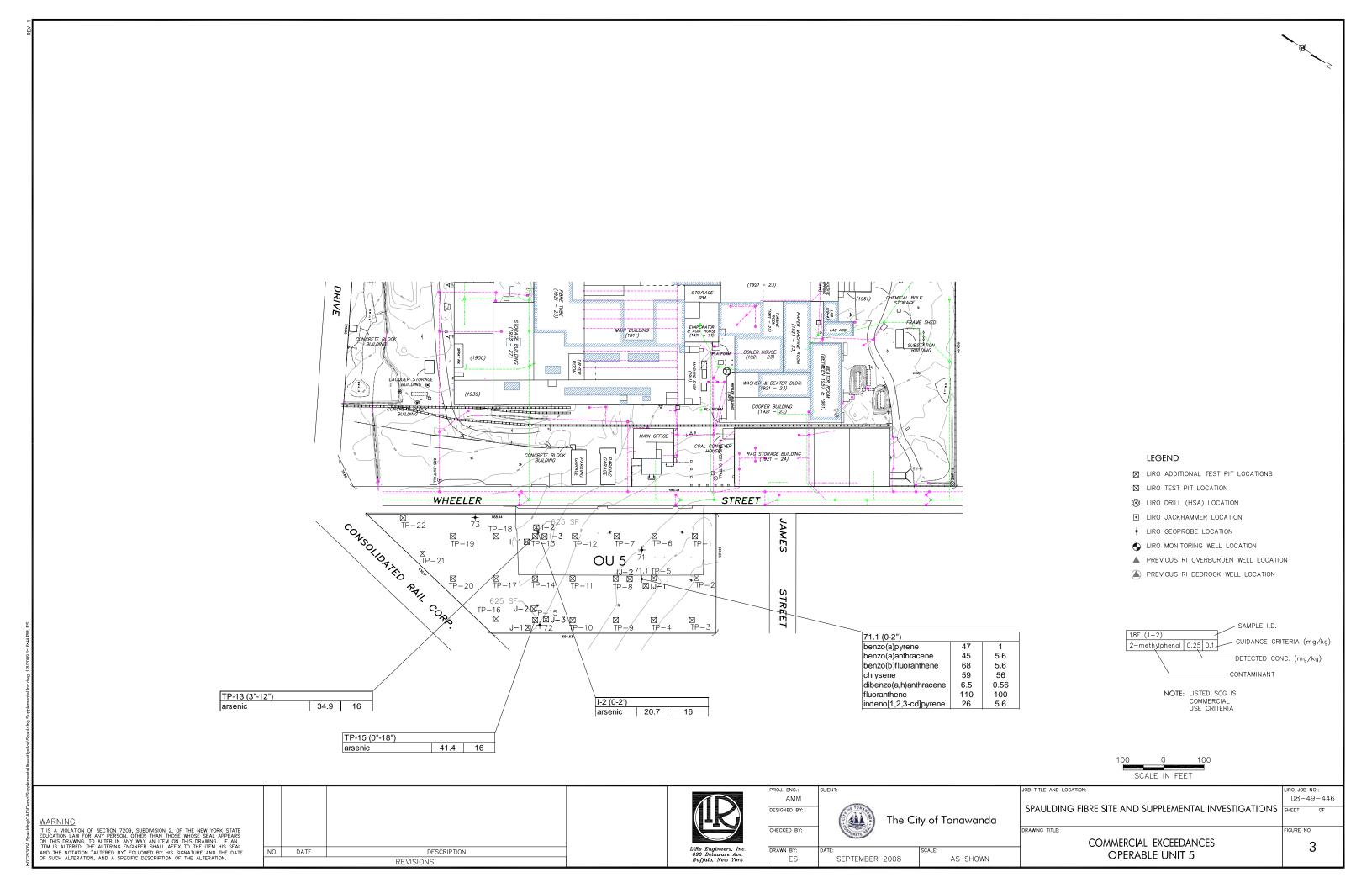
Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
SI			
SP-9 benzo(a)pyrene		1.3	1
Supplemental	Investigation		
no exceedances			

Table 13 Operable Unit 7 Exceedances of Soil Cleanup Objectives - TAGM #4046 Criteria

Sample ID	Contaminant	Concentration (mg/kg)	Criteria (mg/kg)
SI			
no exceedances			
Supplemental Ir	nvestigation		
no exceedances			

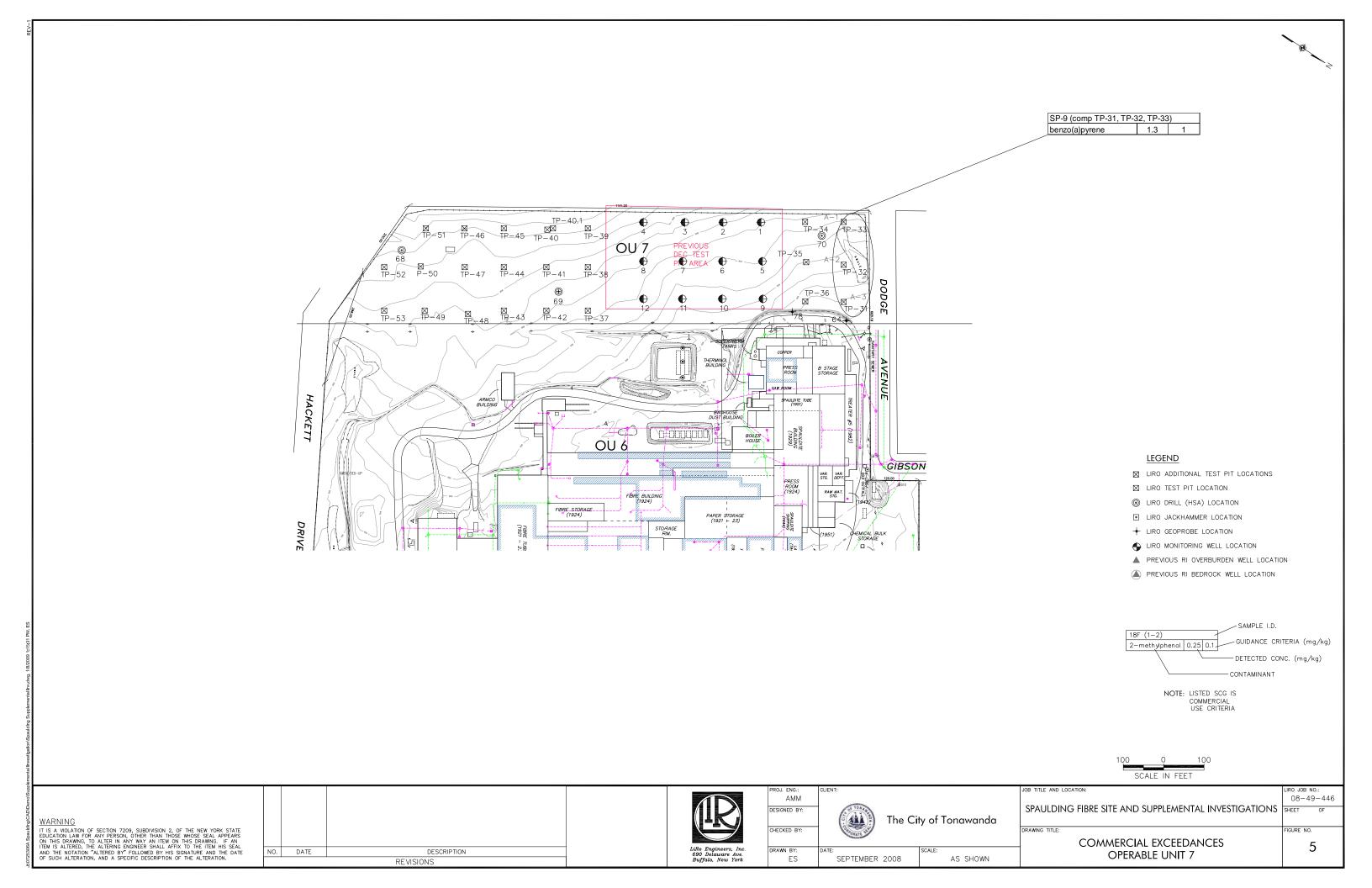


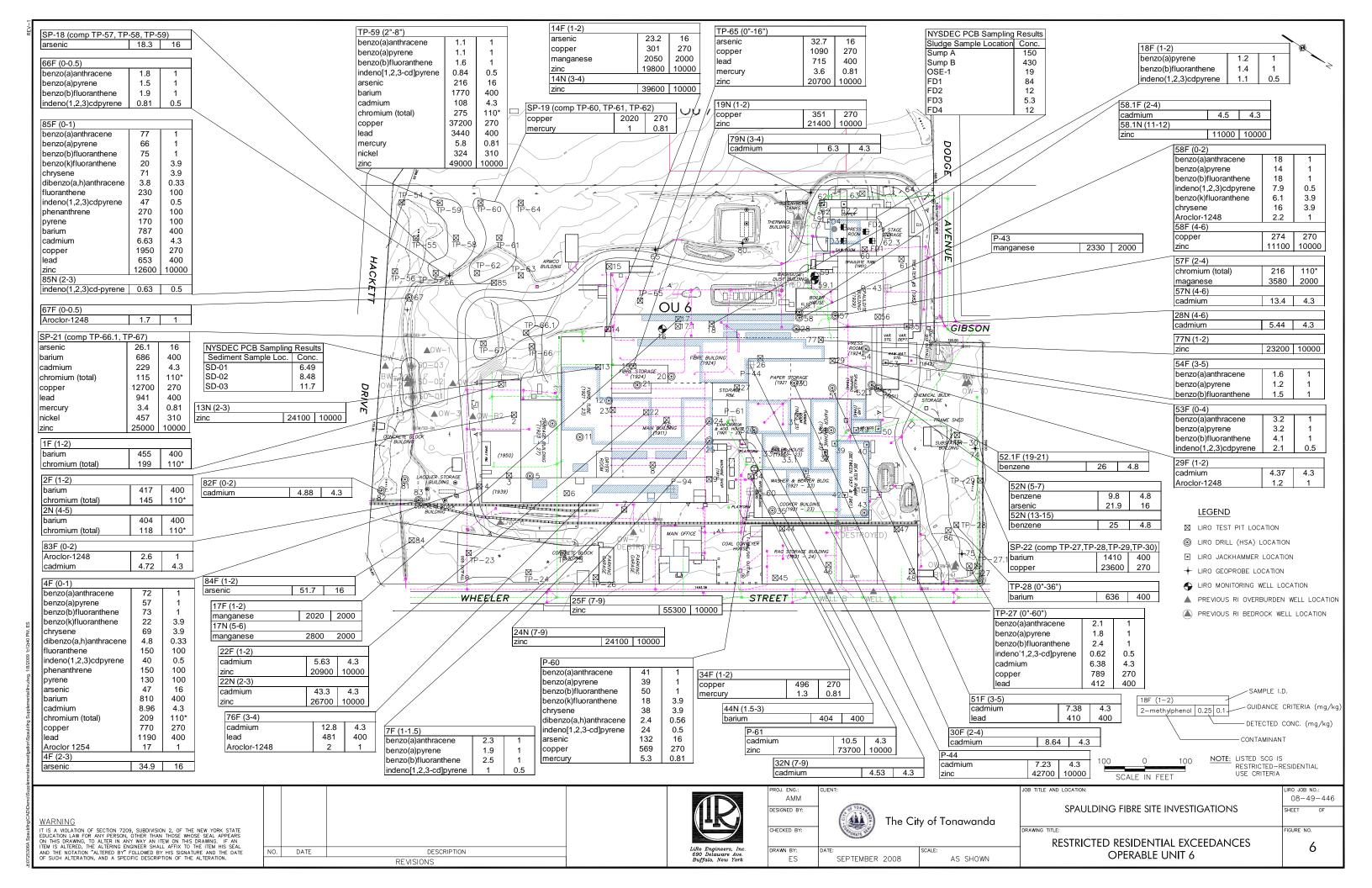


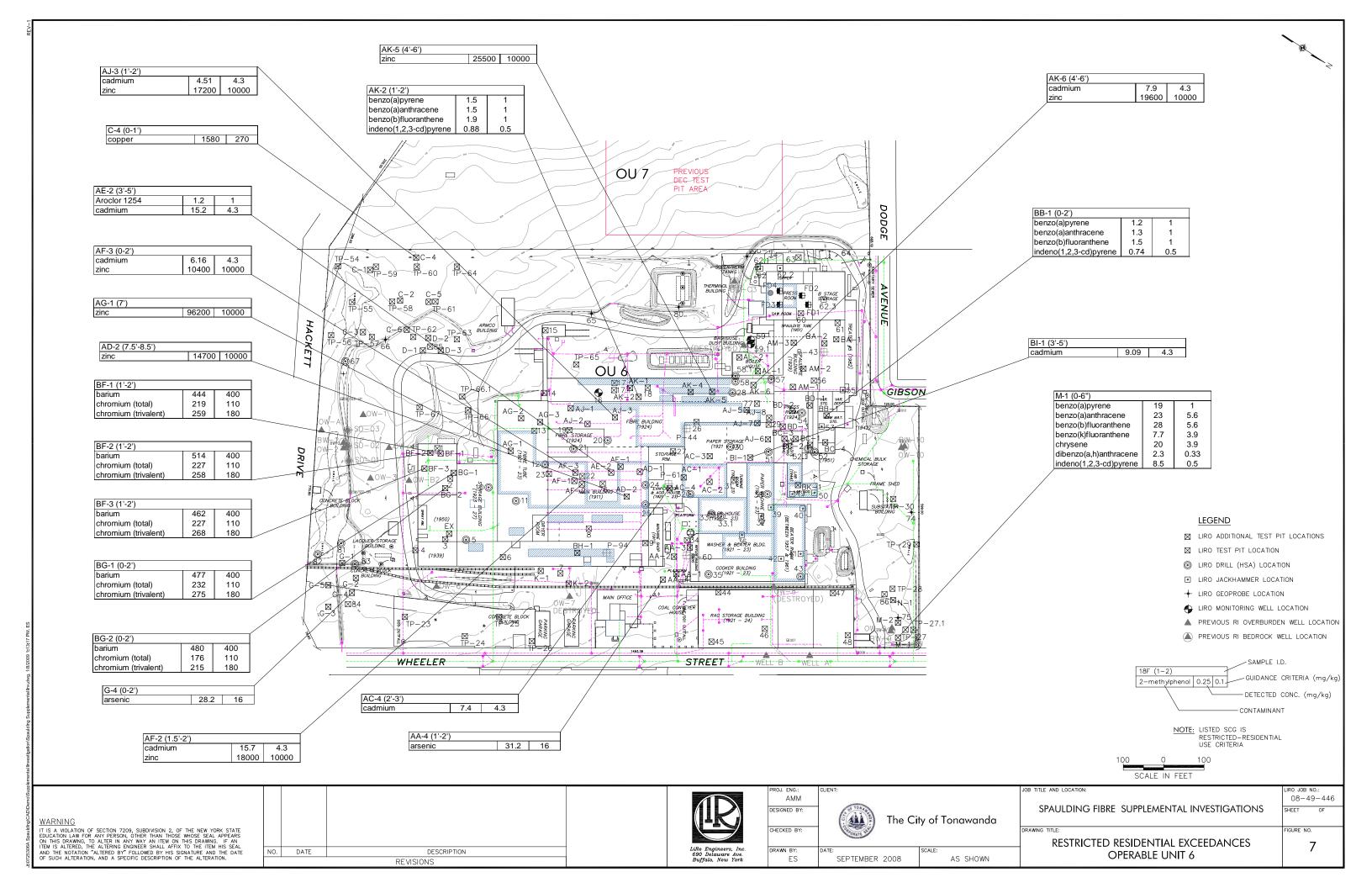


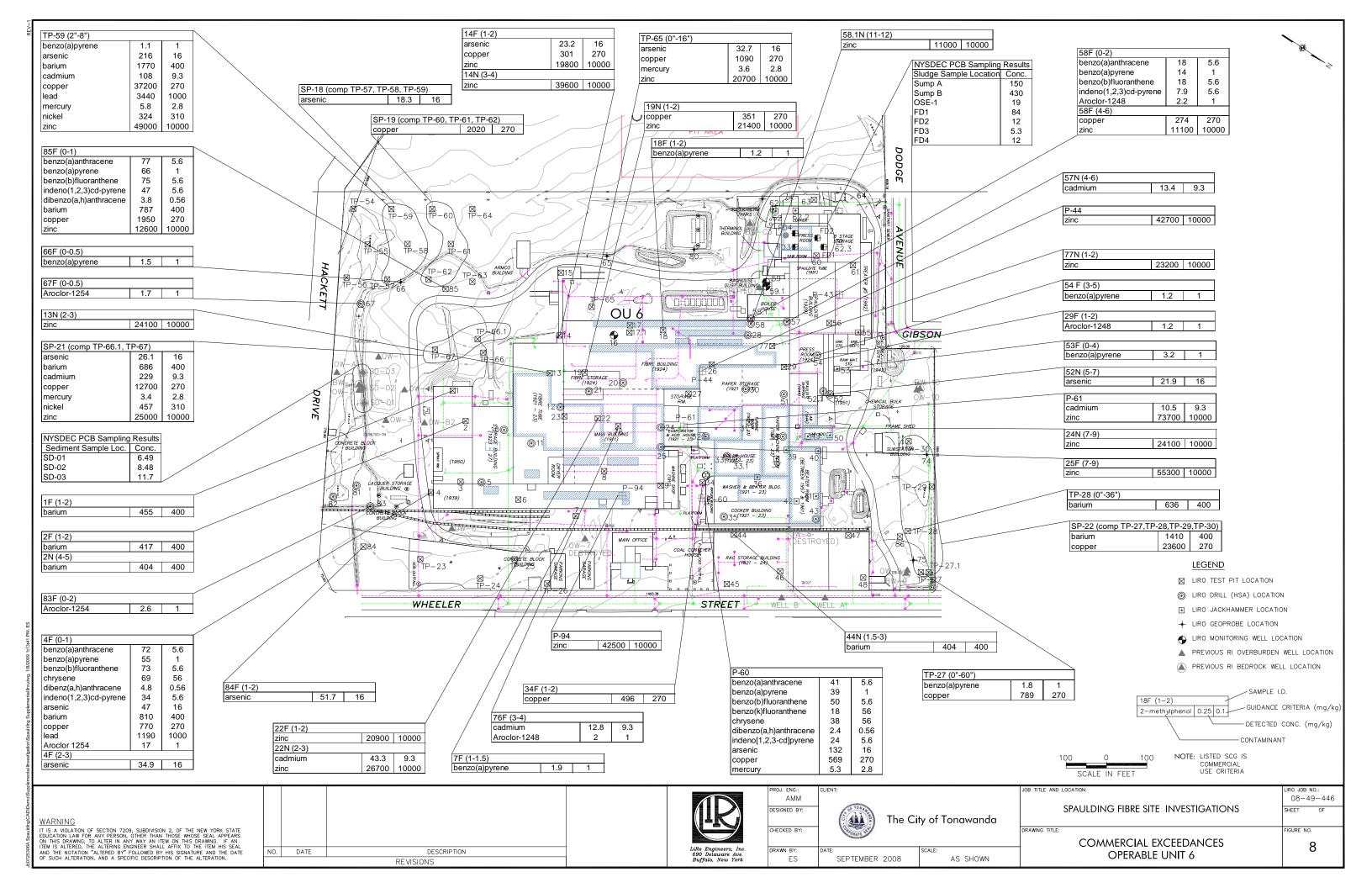
SP-9 (comp TP-31, TP-32, TP-33) benzo(a)anthracene 1.3 benzo(a)pyrene 1.8 benzo(b)fluoranthene indeneo[1,2,3-cd]pyrene 0.99 TP-40.1

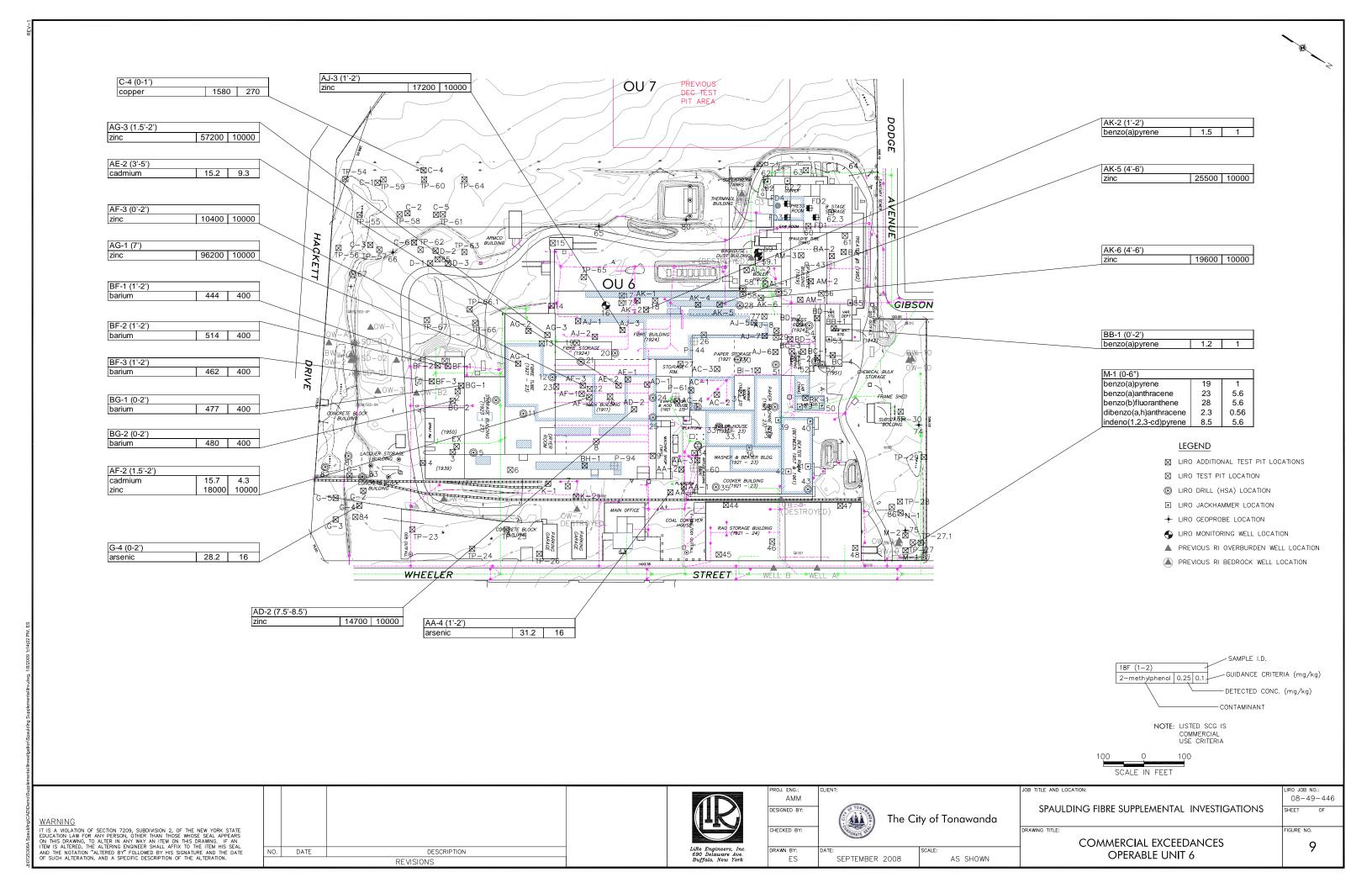
| X | X | 40.1
| TP-45 | TP-40 | T -5,390 SF HACKETT PAULDITE TUBE (1951) OU 6 LEGEND GIBSON □ LIRO TEST PIT LOCATION RAW MAT. STG. LIRO DRILL (HSA) LOCATION FIBRE_STORAGE_ (1924) PAPER STORAGE (1921 + 23) LIRO JACKHAMMER LOCATION STORAGE RM. + LIRO GEOPROBE LOCATION \$\int \text{LIRO MONITORING WELL LOCATION}\$ A PREVIOUS RI OVERBURDEN WELL LOCATION PREVIOUS RI BEDROCK WELL LOCATION SAMPLE I.D. 18F (1-2) 2-methylphenol 0.25 0.1 GUIDANCE CRITERIA (mg/kg) -DETECTED CONC. (mg/kg) -CONTAMINANT NOTE: LISTED SCG IS
RESTRICTED—RESIDENTIAL
USE CRITERIA SCALE IN FEET AMM 08-49-446 SPAULDING FIBRE SITE AND SUPPLEMENTAL INVESTIGATIONS SHEET DESIGNED BY: The City of Tonawanda IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO A LITER IN ANY MAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. CHECKED BY FIGURE NO. RESTRICTED RESIDENTIAL EXCEEDANCES DATE DESCRIPTION OPERABLE UNIT 7 ES SEPTEMBER 2008 AS SHOWN REVISIONS

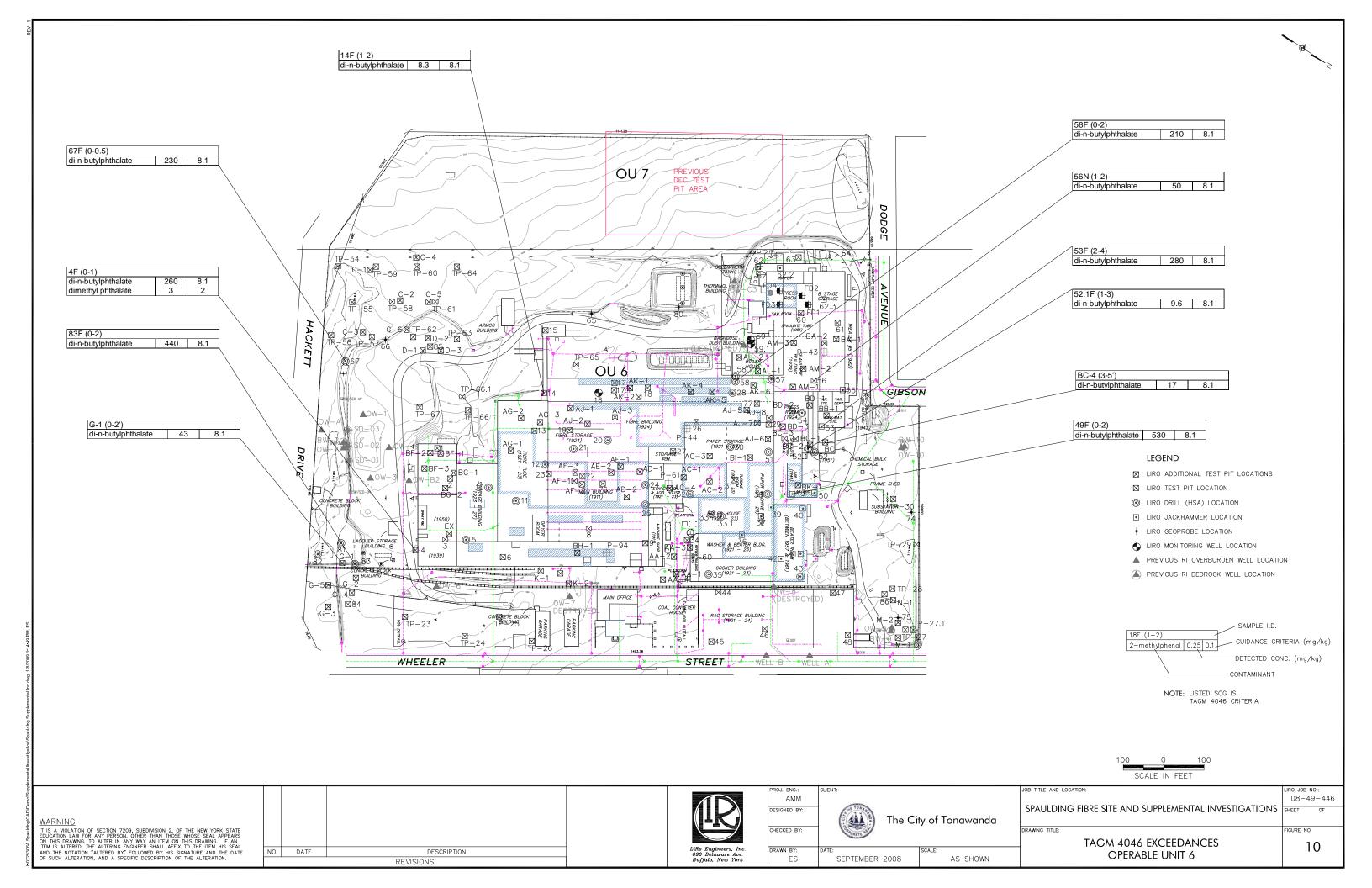














ATTACHMENT 1 Test Pit and Split Spoon Logs

/ 1	TEST PIT LOGS						
- /	Project: Spaulding Fi	ihre	Project #: 07-25-306A				
(ILk	Client: ECIDA		Contractor: DEMCO				
		124.08	Elevation:				
	Date Completed: (2	.74.08	Pit max. depth:				
Geologist:	Nicole Motto	Operato	r: John				
	Pit Number: A-\ Approx. water table depth:						
Tit I (danse)		DESCRIPTION					
DEPTH	Soil Unit						
	(DIEL	An day promo corte	uy topsoil.				
-0- - -2-	Regraderfreteire.	offit. Possibly re-	sand and cobbles on north side graded.				
-4- -6- -8- -10- -12- -14-							
-16-							
General:							
Analytica	s:)-14 1-2 KHU.					
PID-Bac	kground Reading						

		TEST PIT LO	OGS
	Project: Spaulding Fibr	'e	Project#: 07-25-306A
ALK	Client: ECIDA	-	Contractor: DEMCO
\\\		4,08	Elevation:
		- 24.08	Pit max. depth:
Geologist:	Nicole Motto	Operator:	John
Pit Number:		Approx. water table depth:	
TIET (UINDOX)	() ()	DESCRIPTION	
DEPTH	Soil Unit		
 	Over	du dean prono conte	y top sal
-0-	Regraded/native	Red-Brown Clay trace ro	DUDGA DEPOYER GOLKEL JENNIGH BY
=	•	Readich Person Changey	
-2-	(Osporo		
1 maritiment start	دو ما در از دو	· · · · · · · · · · · · · · · · · · ·	·····································
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-10-			
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-12-			
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-14-			
_T.4			
10			
-16-			
		,	
General:			
Analytical S	amples: Sampled at O-	141-8 Roe PAH.	
Comments:			
PID- Backo	round Reading		

AT.		TEST PI	rlogs
MII	Project: Spaulding Fi	bre	Project#: 07-25-306A
MLK	Client: ECIDA		Contractor: DEMCO
 		94·08	Elevation:
	Date Completed: (Pit max. depth:
Geologist:	Nicole Motto		tor: John
Pit Number:	A-3.	Approx. water table dep	the no usaten conserved.
	1 1	DESCRIPTION	
DEPTH	Soil Unit		
-0-	cover/Topsoil	11-211 and 6"-8"	could be regarded
-2-	cotable	Posses gray seom	inclay ~3'
-4- -6- -8- -10- -12- -14- -16-			
General:		•	
Analytical S	amples: Somples at (0-141-3 for P1	AH.
Comments:			
PID-Backgr	round Reading		

_ /11		TES	T PIT LO	OGS	
	Project: Spaulding F	ibre		Project#: 07-25-306A	
	Client: ECIDA	10.0		Contractor: DEMCO	
Date Started: 6.25.08 Elevation:					
Date Completed: 6.25008 Pit max. depth:					
Geologist:	Nicole Motto	5, 92, 00	Operator:	John	
Pit Number:		Approx. water ta	ble depth:	NO WRITE OCSERVED .	
The Ivanibor		DESCRIPT			
DEPTH	Soil Unit				
-0-	Topsoil	Clay loom to	26 Bloom	-pom	
-0-	1-14-11		· · · · · · · · · · · · · · · · · · ·		
	:Regnaled/native	Ondalisa Bicco	ou Grow M	14th coarse gravel, small collice	
-2-		FO A, DULL SI	17CLE	sonioly regroded.	
•••					
-4-		ر المراجعة المراجعة المراجعة المراجعة ال	چې په <u>د د کې د د کې د د کې د د کې د د د د د د </u>	And a series of the series of	
=					
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1.4	•				
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General:		·			
Analytical	Samples: Samplet ad 2	1-41 for cot.			
		· Cha wor			
Comments	'				
PID- Back	ground Reading	·			

		OGS				
	Project: Spaulding	z Fibre		Project#: 07-25-306A		
	Client: ECIDA	3		Contractor: DEMCO		
	N. J. J. L. L.	°. 93.0B	5-m	Elevation:		
	Date Completed:			Pit max. depth:		
Geologist:	Nicole Motto	0 00 00	Operator:	John		
Pit Number:		Approx. water t		to work observed.		
1 it i vainbor	DESCRIPTION					
DEPTH	Soil Unit					
	aptel	211 asphalt.				
-0-	411	1211 Slag COAT	11 Smile (Donded Fine-med grave Q		
		Closed 21/4 us				
-2-	rative.	CPTCT SITT TO	CACH BY 1 EAST			
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-4-						
-6-				•		
-8-	1					
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-1 <i>2</i>						
1.4						
-14-	,					
-16-						
-16-						
General:						
Analytical	Samples: SOMPRO O	ed 1'-2' for PAH				
Comments		and a second		, , , , , , , , , , , , , , , , , , ,		
	ground Reading					

		TES	T PIT LOGS
	Project: Spaulding	Fibre	Project #: 07-25-306A
IIIk	Client: ECIDA	1 2 4 1/4 1/4	Contractor: DEMCO
	Date Started: 6	178.08	Elevation:
		6.52.08	Pit max. depth:
	Nicole Motto		Operator: John
Geologist:			ble depth: 00 water observed.
Pit Number	: // }-1	DESCRIPTI	
DEPTH	Soil Unit		
	cover/Fill	0-7" dark brown	I SIHY loam will imestore & concrete peres
-0-		310°2	
-	Naturo	River of States	a Objective 21th
-2-	· · · · · · · · · · · · · · · · · · ·		
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H			·
-12-			
12			
-14-			
-14-			
_			
-16-			
General:			
Analytical	Samples: Sampled a	*0-0.5, + 1, "	z' for DAH, Gr, Ca, Cu, Pb.
Comments		,	

AT		TEST PIT	LOGS
YIII	Project: Spaulding F	ibre	Project #: 07-25-306A
(ILk	Client: ECIDA		Contractor: DEMCO
	Date Started: 6.	32.08	Elevation:
	Date Completed:		Pit max. depth:
Geologist:	Nicole Motto		or: John
Pit Number		Approx. water table dept	. Osyseco jatou on: it
Z IC I (dillipo)	. /41 0 -	DESCRIPTION	
DEPTH	Soil Unit	, <u> </u>	
	Topsoil	81, Gock promu 21/4	A loan waniq engelde of bill
-0-	·	811-2' REDWIEW Prov	on Cloudey Silt.
-	ratives	TXV to mois	
-2-		The state of the s	
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General:			
Analytical	Samples: Sampled as 1	1-21 FOR PAH BA	ed es Ho.
and the al	- 1		
Comments	s:		

		TES	T PIT LOGS	
ALL	Project: Spaulding F	ibre	Project #: 07-25-306A	
allh	Client: ECIDA		Contractor: DEMCO	
	Date Started:	02.08	Elevation:	
	Date Completed:		Pit max. depth:	
	Nicole Motto	9. 2.3 4.3	Operator: John	
Geologist:		Approx. water ta	ble depth: No water observed moint.	
Pit Number	": N-1	DESCRIPT		
	Soil Unit			
DEPTH	Cover-> Fil1	duck brown bl	OCK groups WI Sono: regnoseer stag	
-0-	CD461 -> 41/1	moist O=12"		
	على العالم على العالم العا	0-12	and the second s	
-2-	Mains	t	n Bophen clangey Silt	
		12"-36"	The second of th	
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General:				

Analytical Samples: Sampled at 0-1 + 2-8 For Ear, Ca.

Comments:

// 11F		TEST PIT	LOGS
	Project: Spaulding F	ihre	Project#: 07-25-306A
	Client: ECIDA	ibio	Contractor: DEMCO
		22 04	Elevation:
	Date Started:	23.08	Pit max. depth:
` `		0-23-08	or: John
Geologist:	Nicole Motto	Approx. water table depth	
Pit Number	: AA-1	DESCRIPTION	
	Soil Unit	DESCRIENCE TO THE PROPERTY OF	
DEPTH	Soli Ollit	2"asphalt	
-0	.00	Black Igray sond an	od Grance 10ts of pea gance
_	€!II	LEUL DEMOL	
-2			· · · · · · · · · · · · · · · · · · ·
-2-		Clay a gravel at ? Clay & Silt at	કેટ [ા]
-	Native/Regraded	Claver City at	42"
-4-	1 Vicarior	C 1953 & 21/4	
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General:			
Analytical	Somples Somples of	11-21 + 31-3,51200 PA	H. As. Co, Ha
Anaiyucai	pampies.	1 - 0 , 4 , 312 , 15, 40,	The second secon
Comments	s:		

1	TEST PIT LOGS				
111	Project: Spauldin	g Fibre		Project #: 07-25-306A	
	Client: ECIDA			Contractor: DEMCO	
		% 93.08		Elevation:	
	Date Completed:			Pit max. depth:	
Geologist:	Nicole Motto		Operator:	John	
Pit Number	^ ^	Approx. water to	able depth: 🕥	o water observal.	
		DESCRIPT			
DEPTH	Soil Unit				
	cover.	2" degraded a	sphaor.	20010	
-0-	ر در پرونونو در			severul pea gravel	
-	(111	400 What beg	idence to	reach native on northside of the	
-2-					
=	Notive	(121, 2531	٠. < م	uth eak of Pite 3'	
-4-	NOTIVE	(Lay 4 >01	i or jo		
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General:	1				
		· <u>-</u>	·		
Analytical	Samples: Sompled at	3'-3,5' PAH	AS, Co, H	<u>a</u> .	
Comments				<u> </u>	

		TEST PIT LOGS
	Project: Spauldin	pg Fibre Project #: 07-25-306A
	Client: ECIDA	Contractor: DEMCO
	Date Started: (Elevation:
		6-23-08 Pit max. depth:
Caslogisti	Nicole Motto	Operator: John
Geologist: Pit Number		Approx. water table depth: ~41 water seeing in.
R Rumbe	. 111 3	DESCRIPTION
DEPTH	Soil Unit	
		14" Dack chyer sill
-0-	COLEC	sord 314 and rance
-		
-2-		brown I white I gray osh Fill
-	fill.	
4		clay as 3.5% Castation pipe set in clay wino bedding
-4-	Native	wine seading
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General:		
Analytica	1 Samples: Sampled at	3.5' FOR PAH, AS, Ce, Hg.
Comment	s:	
DID Boo	kground Reading	
LID- pac	var onna reanna	

MB	TEST PIT LOGS				
	Project: Spaulding Fil	bre	Project #: 07-25-306A		
Ilk	Client: ECIDA		Contractor: DEMCO		
		86-08	Elevation:		
	Date Completed: (Pit max. depth:		
	Nicole Motto	Ope	erator: John		
Seologist:		Approx. water table of	depth:		
it Number:	AA-4	DESCRIPTION			
DEDELL	Soil Unit				
DEPTH	CORC	3" asp'ralt			
-0	C. Mile	111 Brown sord of	ud Gumas		
-	EII	96" Plack augula	I with a 1 HHZ. Slag seam and		
-2-	FILL	arders/ milling	7		
	Native	BROWN Clarge Silt	, very moist at 25 fet		
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General:					
Analytical	- Counder of	1201 mad 18 -	3. PAH, AS, CU, Ha		

Comments:

		OGS		
	Project: Spaulding Fi	bre		Project#: 07-25-306A
	Client: ECIDA			Contractor: DEMCO
	Date Started: 6 · 2	20.08		Elevation:
	Date Completed: 6			Pit max. depth:
Geologist:	Nicole Motto	<u> </u>	Operator:	John
Pit Number:		Approx. water	r table depth:.	TO WEER OBSERVED.
TIL TAMADOL	<u> </u>	DESCRI		
DEPTH	Soil Unit			
-0-	(DVEC	p" corcret	e w/ wire	188h.
-2-	All .	black are sond	Moc awal	wl patches of Fire-medium to
-4- -6- -8- -10- -12- -14- -16-				
General:	Samples: Sompred at 1	-Z + Z-3 fo	r CH, En.	

TEST PIT LOGS					
All	Project: Spaulding Fibr	re		Project#: 07-25-306A	
	Client: ECIDA			Contractor: DEMCO	
	Date Started: 6.8	0.08		Elevation:	
	Date Completed: (Pit max. depth:	
Geologist:	Nicole Motto	0000	Operator:	John	
	AC-4.	Approx. water ta	ble depth: 🕥	o water obse	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DESCRIPT			
DEPTH	Soil Unit .				
-0-	COVEC.	En canale			
-2-	rative.	Clayer silt r	eddish br	TOWN.	
-4- -6- -8- -10- -12- -14- -16-			and has the City and the City a		
General: Analytical S	Samples: Somplow of	1-242-3	ćor A), e n .	
Comments:			, -		
PID- Backs	ground Reading				

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LiR	o Ei	ngi	nee	rs, l	Inc.								BORING NO.	AD-	-2	
ROJEC	T		Snauldi	ng Fibr	e ERP - Su	mlem	ental						SHEET:			
LIENT			ECIDA		C LICE - Du	opiois.	CHICA				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		JOB NO:			
	CONTR				ffalo Drillir	na							BORING LOCATION:			
	DWATER				nois emin	'3 T		CAS.	SAN	IPLER	CORE	TUBE	GROUND ELEVATION	:		
	TIME		LEVEL	Т"	TYPE	Т	YPE		split	spoon			DATE STARTED:		7	/31/2008
ALL	I IIII		EL (E	 		-	IA.		2"				DATE FINISHED:		7	/31/2008
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				╁		I	ALL		1	**			GEOLOGIST:	St	eve Frani	.
	 			 		TT.	*]	OCKET	PEN	ETROM	ETER R	EADING	REVIEWED BY:			
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PROJ	ECT N	0.:				_		,			BOR	NG NO.	: <u>AD-2</u>			

			TEST PIT LO	OGS
	Project: Spaulding Fi	bre .		Project #: 07-25-306A
	Client: ECIDA			Contractor: DEMCO
W	Date Started: 6:1	9.08		Elevation:
	Date Completed: 6		3	Pit max. depth:
Geologist:	Nicole Motto	(100	Operator:	John
Pit Number		Appro	x. water table depth:	
110114111501			ESCRIPTION	
DEPTH	Soil Unit			
-0-	Cover/R11		on asn	
-2-	notie	moist	readish brown	Clayley Silt there fine Gravel.
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General:	1			
Analytical	Samples: SOMPLEA CO	-2 PAH	, As, Ba, Cal, Cr	, Ca, Hg, Ni, PD, Zn.
Comments	81	-		
PID-Bacl	ground Reading			

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		TE	ST PIT L	ogs
	Project: Spaulding Fil	bre		Project#: 07-25-306A
	Client: ECIDA			Contractor: DEMCO
		19.08		Elevation:
	Date Completed:	-19.08		Pit max. depth:
Geologist:	Nicole Motto		Operator:	John
Pit Number		Approx. water	table depth: (no worder observed.
		DESCRIP	TION	
DEPTH	Soil Unit			
-0-	over/Topsoll	8" loamy br	anu tob	SOIT (0045
=	Milere	Clay IsiH		
-2		recaish b	<u>1000.</u>	
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General:				
Analytical	Samples: Sampled our E	PLZ & As.		
Comment	s:		_	
PID-Bac	kground Reading			

		TE	ST PIT LO	OGS
	Project: Spaulding Fib	ore		Project #: 07-25-306A
	Client: ECIDA		<u></u>	Contractor: DEMCO
M 4	Date Started: 6 · 1	9.0B		Elevation:
	Date Completed: 6			Pit max. depth:
Geologist:	Nicole Motto	<u> </u>	Operator:	John
Pit Number		Approx. water t	able depth:	
		DESCRIP	rion .	
DEPTH	Soil Unit			
-0-	COVER! Topsoil	1		psoil, lots of roots the graves.
_	native.	moist red-t	on Nator	4/Silt to fine graval
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General:				
Gonoran				
Analytical	Samples: Samplood at O-	-∂€x As.		
Comments	:			
PID-Back	ground Reading			

	TEST PIT LOGS								
	Project: Spaulding Fib	ore		Project #: 07-25-306A					
	Client: ECIDA			Contractor: DEMCO					
		9.08		Elevation:					
	Date Completed: 6			Pit max. depth:					
Clesiste	Nicole Motto	1.00	Operator: J	John					
Geologist: Pit Number		Approx. water ta	ble depth:						
PIC Number	11. 6-4.	DESCRIPT							
DEPTH	Soil Unit		., ., ., ., ., ., ., ., ., ., ., ., ., .						
· · · · · · · · · · · · · · · · · · ·	cover/Fill	13" Black EIII	sond long	s of roofly Clocks like top	ober)				
-0-	6000/1111	mixed w/ ash	, schol, Si	H, COU.					
	0.6110	Eli conina el	His value	Indist readify Brown Cla	٠.				
-2-	native.	D. Gradier	inded att.						
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General:									
Analytica	il Samples: Sampled at 0	-1+11-5 Con	a Hg.	·	-				
Commen	ts:								

41		TES	ST PIT LOGS
	Project: Spaulding Fi	bre	Project #: 07-25-306A
	Client: ECIDA		Contractor: DEMCO
		19.08	Elevation:
	Date Completed: 6		Pit max. depth:
Geologist:	Nicole Motto		Operator: John
Pit Number		Approx. water to	able depth: 10 worder Observed
101141111111111111111111111111111111111	·· <u> </u>	DESCRIPT	
DEPTH	Soil Unit		
-0-	COVER/TOPSOIL	clay loom	
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-2	O The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second sec	and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t	
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General:	1		
Analytical	Samples: SamPICOL OF	0'-1' 0 1'-2'	for. Cu, Hg
Comment	s:		
PID-Bacl	kground Reading		

		TEST PI	TLOGS
	Project: Spaulding F	ibre	Project #: 07-25-306A
	Client: ECIDA		Contractor: DEMCO
	Date Started: 6.1	9.08	Elevation:
	Date Completed: 6		Pit max. depth:
Geologist:	Nicole Motto		ator: John
Pit Number		Approx. water table de	pth: no water observed.
Tit I (dillo)	·· <u>C </u>	DESCRIPTION	
DEPTH	Soil Unit		
	刊		is clay silt groups the organics.
-0-	ì	flaver sitt to dept	n grades from gray brown to rect
-	Native	brown moist	
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General:			
Analytica	I Samples: Sampled 0-1	&1-2 FOR Cer, Ha	
<u> </u>		<u> </u>	
Commont			

		TES	ST PIT LO)GS		
	Project: Spaulding Fibr	re		Project #: 0	7-25-306A	
	Client: ECIDA			Contractor:	DEMCO	
	Date Started: (0.1	<u>a. 0a</u>		Elevation:		
	Date Completed: 6			Pit max. dep	th:	
Geologist:	Nicole Motto		Operator:	John		
Pit Number	- 4.4 .	Approx. water ta	ible depth: 🕥	D WATE	u observed.	
110111111111111111111111111111111111111		DESCRIPT	ION .			
DEPTH	Soil Unit					
-0-	cover.	Sand Gravels				ay
Single in the Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Se					The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	
_	notive.	clay 4- Silt.	- reddish	brown,	Moist	
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Analytical	Samples: Sampled at 1	-5. 40c PA	141100	$\omega_{i}\omega_{j}\omega_{j}$	(G)	_
Comment	S:					
LID- Back	kground Reading					

/1 1		TE	EST PIT L	OGS
	Project: Spaulding Fil	ore		Project #: 07-25-306A
	Client: ECIDA			Contractor: DEMCO
	Date Started: 6.10	9.08		Elevation:
	Date Completed: 6		-	Pit max. depth:
Geologist:	Nicole Motto	11 00	Operator:	John
	r: O-P	Approx. water	table depth:	no water observed.
I It I dans en		DESCRIP		
DEPTH	Soil Unit			
-0-	cover/Fill	5" clay 514	t decoros.	
	asn.	4" OF ASTIL	lid not see (any buttons)
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-16-				
General:				
Analytica	l Samples: Sampled at 1	-21, PAH, BG	, Cd, Cu, 1	Db, Zn.
Comment	s:			
PID-Bac	kground Reading			

		TES	T PIT LO	OGS	
	Project: Spaulding Fibr	e	····	Project #: 07-25-306A	
	Client: ECIDA			Contractor: DEMCO	
	Date Started: 6.19	·08		Elevation:	
	Date Completed: 6.			Pit max. depth:	
Geologist:	Nicole Motto		Operator:	John	
Pit Number		Approx. water ta	ble depth:		
	<u> </u>	DESCRIPT	ION .		
DEPTH	Soil Unit				
-0-	top/Road Subbase.	6" sand go	and SI	H.	
	cover/All	By oan (didno			
-2-	, , , , , , , , , , , , , , , , , , ,	This worst clos	silt red	dish brown.	
	native.		والمقط للمصدارة الإمراجية الإنقاد فإمام الإنقادية للماجرات يعاري		
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General:					
General.					
Analytical	Samples: Sompled of 1'-2	! for PAH, Ba, (ia, cu, Pi	o, 7an.	
Comment	s:				
PID-Bac	kground Reading				

TEST PIT LOGS					
	Project: Spaulding F	ibre		Project #: 07-25-306A	
Client: ECIDA Date Started: 6.80.08				Contractor: DEMCO	
			Elevation:		
	Date Completed: (Pit max. depth:	
Geologist:	Nicole Motto	<u>) </u>	Operator:	r: John	
Pit Number:	G1-1	Approx. water	table depth:	water was seeping in west	
<u> </u>		DESCRIP			
DEPTH	Soil Unit				
-0-	TOPSOIL	top sail u	al organic	s.(roots)	
-		clayer sitt	eddight br	own with water small in obt 3	
-2-	Miles				
4		والمستقدم والمراقب المنظمة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة والمنطقة وال			
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General:					
Analytical S	samples: Sampled at 0	-2 4 2-3 Fox ((A-ia, 805)	, Cal.	
Comments:	***				
PID-Backe	round Reading				

	TEST PIT LOGS			
	Project: Spaulding Fibre		Project #: 07-25-306A	
ILLK	Client: ECIDA		Contractor: DEMCO	
\\ <u> </u>	Date Started: 6.80)·08	Elevation:	
	Date Completed: 6 .		Pit max. depth:	
Coologists	Nicole Motto	Operato	r: John	
Geologist: Pit Number:		Approx, water table depth	: no water observed.	
Pit Number	: G-a	DESCRIPTION		
DEPTH	Soil Unit			
	TOPSOIL	top soil, oragnics	, roots throughout.	
-0-	STUTY CLAY	REDDISH BROWN	-	
==	אנון טנאין	father a to see the second	•	
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		general terresis (transfer et e producto de la companya de la companya de la companya de la companya de la comp	And the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	
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General:				
Analytical	Samples: Sampled as O-	242-3 FOR POB	, OI-N, Ca.	
Comments	:			

TEST PIT LOGS					
	Project: Spaulding Fibr	'e	Project #: 07-25-306A		
Client: ECIDA			Contractor: DEMCO		
\\ - #\	Date Started: 6.23.08		Elevation:		
	Date Completed:	0.23.08.	Pit max. depth:		
Geologist	Nicole Motto		or: John		
Geologist:			1: no water observed.		
Pit Number:	Pit Number: G-3. Approx. water table depth: No work of Observed. DESCRIPTION				
DEPTH	Soil Unit				
	cover/Fire	3" york organic of	save sit some close top		
-0-		gray then Bro	04a		
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-2	معرب بهاري والمساورة والمستومة والمساورة والمنافعة والمعاولات المنافعة والمنافعة والمن	and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th			
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General:					
Analytical S	amples: Sampled as	0-2 for As, M			
Comments:	· · · · · · · · · · · · · · · · · · ·				
PID- Background Reading					

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/IF	TEST PIT LOGS				
	Project: Spaulding Fib	re		Project #: 07-25-306A	
Client: ECIDA				Contractor: DEMCO	
	Date Started: 6.88			Elevation:	
			-	Pit max. depth:	
Geologist:	Date Completed: Oet Nicole Motto Pit max. depth: Operator: John				
Pit Number:		Approx. water tabl	e depth:	10 water observed	
I II Tumber.		DESCRIPTIO			
DEPTH	Soil Unit				
	Cover/Topson	3" clay loan	organ	nctop.	
-0-	F(1)	21" sand and	slag Fi	11 Dark promu waist	
-	native.	rectuse Prove	Can	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	
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General:					
Analytical S	Samples: Sampted of O	-2 for As, Cd.			
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Comments:					
PID- Backs	ground Reading				

	TEST PIT LOGS				
	Project: Spaulding Fi	bre	Project#: 07-25-306A		
(ILk	Client: ECIDA		Contractor: DEMCO INC.		
		23.08	Elevation:		
	Date Completed: 6	123-08	Pit max. depth:		
Geologist:	Nicole Motto		perator: John		
Pit Number		Approx. water table	depth:		
111111111111111111111111111111111111111		DESCRIPTION	N		
DEPTH	Soil Unit		·		
-0-	TOPSOIL 5"		ic gravelly silt, some clay		
_	Pative Clay	Gray grading to	brown silty clay to ZFt. bottom trench	^	
-2-	parioe ciay	of .	trench		
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General:					
Analytica	al Samples: Sampled	at 0-1' for 1	45, Cd.	<u></u>	
Commen					

		TEST PI	TLOGS
	Project: Spaulding Fi	ihre	Project#: 07-25-306A
(IIIk	Client: ECIDA		Contractor: DEMCO
	Date Started: 6.83.08		Elevation:
		0. 23.08	Pit max, depth:
Geologist.	Nicole Motto		ator: John
Geologist: Pit Number:		Approx. water table de	pth: wet at 10" (antopof clay)
Fit Rumber,		DESCRIPTION	
DEPTH	Soil Unit		
	Cover	8" Osptalt	
-0-	FII	10" brown-dock som	Ty groups/fill/Boddese
-	÷	Contract Screen Con	ono Chy 12th 24"
-2-	MHVR	Contraction of the second	Assertable Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of
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General:			
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Analytical	Samples: Sampled 0-2	- TOF MS.	
Comments	•		
PID- Back	ground Reading		

/IE		TEST PIT LOGS			
	Project: Spaulding	Fibre Project #: 0	7-25-306A		
	Client: ECIDA	Contractor:	Contractor: DEMCO		
		- AS-08 Elevation:			
	Date Completed:	6.08.08 Pit max. de	oth:		
Geologist:	Nicole Motto	Operator: John			
Pit Number:	I-9:	Approx. water table depth: Co was one	neared thereamiet		
THE TAMEBOX	<u> </u>	DESCRIPTION	a II HYDYN		
DEPTH	Soil Unit				
	Cover	a" asprat			
-0-	<u>6111:</u>	6" SUDBOSO DIACK DK Proun sond	and around very moist.		
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General:					
Analytical S	amples: Sompled o	\$ 0-2 for As.			
Comments:	-				
	round Reading				

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7 11		TEST PIT LOGS		
All	Project: Spaulding	Fibre Project #: 07-25-306A		
	Client: ECIDA	Contractor: DEMCO		
	Date Started: 6	Elevation:		
No.	Date Completed:	1 Dit may donth		
	Nicole Motto	Operator: John		
Geologist:		Approx. water table depth: 10 water overled.		
Pit Number	r: <u>T-3.</u>	DESCRIPTION		
DEPTH	Soil Unit			
	COVE	an asphalt.		
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General:		•		
Analytica	l Samples: Somethole o	\$ 0-3 Kr As.		
Comment	ts:			

//TE	TEST PIT LOGS				
	Project: Spaulding Fib	Project #: 07-25-306A			
(III h	Project: Spanding Fit	Contractor: DEMCO			
		33.08 Elevation:			
	Date Completed:	- Die ware dantha			
G 1 1-4	Nicole Motto	Operator: John			
Geologist:		Approx. water table depth: 100 (power Observed.			
Pit Number	3-1	DESCRIPTION			
DEPTH	Soil Unit	0 3 4570 1315			
-0-	C: FILL	black dark brown sandy ground, heavy roots in top you			
	, \	Alak			
-2-	native	readish pravo clay			
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General:	il Samples: Sompled Of	D-2 FOR AS			
Commen	ts:	•			
PID-Bac	ekground Reading				

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		TEST PI	TLOGS
	Project: Spaulding	Fibre	Project #: 07-25-306A
	Client: ECIDA	110.0	Contractor: DEMCO
	Date Started: 6	23.08	Elevation:
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	Nicole Motto	Oper:	ator: John
eologist: it Number:		Approx. water table de	pth: no walk absenced.
it Number:	5.6.	DESCRIPTION	
DEPTH	Soil Unit		
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	1111	Stage of the transport	huj at 15" ~ 211°
-2-	Native.	Kedaky Chin	MACH TOOL OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF T
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Analytical S	Samples: Sample ax	0-2 for 16,	

	TEST PIT LOGS				
MII	Project: Spaulding Fi	hre	·	Project#: 07-25-306	A
/IIk	Client: ECIDA			Contractor: DEMC	00
	Date Started: 6 6)S. O.S.		Elevation:	·
	Date Completed: &			Pit max. depth:	
	Nicole Motto	0008	Operator:	John	
Geologist:		Approx. wate	er table depth:	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1600
Pit Number:	: 5-3	DESCR			
DEPTH	Soil Unit				· · · · · · · · · · · · ·
		18" Plack!	GOLX GUORU	some Ignited.	Fill Organic top
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General:					
Analytical	I Samples: Sampled at	0-8 fa A			
Comment	·c·				

/ 166		TES	ST PIT LO	OGS	
MII	Project: Spaulding Fibr	e		Project#: 07-25-306A	
	Client: ECIDA			Contractor: DEMCO	
		මං <u>ර</u> ලි		Elevation:	
	Date Completed: 6.			Pit max. depth:	
Chalagist	Nicole Motto	334,70	Operator:	John	
Geologist: Pit Number:	73-1	Approx, water to	able depth: C	get mager what	Cay.
Pit Number:	1-7 1	DESCRIPT	 -		•
DEPTH	Soil Unit				
	FILL	8" black dark	S Drough Ve	M met somey grame	<i></i> ഒരു പ്രത്യ
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General:					
Analytical S	Samples: Sampled at 0-	-0.5' for PA	H		,
Comments:		,			•
PID- Backg	ground Reading				

/TF		TEST PIT LOGS			
	Project: Spaulding	Fibre	Project #: 07-25-306A		
ILK	Client: ECIDA	11010	Contractor: DEMCO		
	Date Started: 6	.03.08	Elevation:		
A CONTRACTOR OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF TH	Date Completed:		Pit max. depth:		
Geologist:	Nicole Motto		perator: John		
	T5-2	Approx. water table	depth: VERY MOIST as 4"		
t it ituniber.	<u> </u>	DESCRIPTION			
DEPTH	Soil Unit				
	FILL	8. Plack Gock	prom year moise sough ground		
-0-		degracted stop	clay + Silt at 8"		
-	Native	Keddish-brown	Clay & Silt at 6		
-2-					
-					
-4-					
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General:					
			(1)		
Analytical	Samples: Sampled at	0-0.5' for PA	4		
Comments	:				
PID-Back	ground Reading				

	TEST PIT LOGS					
	Project: Spaulding	Fibre	<u> </u>	Project#:	07-25-306A	
(ILK	Client: ECIDA			Contractor	: DEMCO	<u>, wayaanaa i</u>
	Date Started:	·83.08		Elevation:		
		6.83.08		Pit max. de	epth:	
Geologist:	Nicole Motto	0 0 0 0 0	Operator:	John		
Pit Number:	? K-1	Approx. water t	able depth:	n wares	orgived.	
I It Italiaber.	· 17-1	DESCRIPT				······································
DEPTH	Soil Unit					
	Cover	z"aspract.		STATES AND THE STATES	DAN 47185	DE ESIGE
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General:	•					
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Analytical S	amples: Sampled of	7 1-2 For PAH,	wv.			
) <u> </u>	<u> </u>				,	<u></u>
Comments:						
PID- Backg	round Reading					

1	TEST PIT LOGS		
	Project: Spaulding Fil	ore	Project #: 07-25-306A
	Client: ECIDA		Contractor: DEMCO
		93·0B	Elevation:
		0. 83·08	Pit max. depth:
Geologist:	Nicole Motto		Operator: John
Pit Number		Approx. water tal	ole depth: 10 wider observed.
	χ (, <u> </u>	DESCRIPTI	
DEPTH	Soil Unit		
-0-	COHEC.	211 asphalt.	
- <u>u-</u>	£111	121 Slag coal of Brown Fill	sn sandy rounded Fine-med graves
	rative.	l l	ligh prome 14"
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General:	<u>.</u>		
Analytica	Samples: Schenpled as	1'-2' FOR PAH	
Comment	s:		

	TEST PIT LOGS			
MII	Project: Spaulding F	ibre		Project #: 07-25-306A
ALLI	Client: ECIDA			Contractor: DEMCO
	Date Started: 6.	75·08		Elevation:
	Date Completed: 6	<u> </u>	<u></u>	Pit max. depth:
Geologist:	Nicole Motto	1 23 00	Operator:	John
Pit Number		Approx. water	able depth:	no water observed.
		DESCRIP		
DEPTH	Soil Unit			
-0-	Over/FILL		on SILTY 100	m Lid limestone + acheree pleas
-	Natiuo	Reporter Sax	an apartien	5116
-2-			والمراجع والمستحد والمستحد والمستحد والمستحد والمستحد والمستحد والمستحد والمستحد والمستحد والمستحد والمستحد والمستحد	
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General:			•	
Analytical	Samples: Sompled at	0-0.5,4 11.	· 7.' -for	DAH, Ba, Ca, Cu, Pb.

Comments:

	TEST PIT LOGS				
MII	Project: Spaulding l	ibre	Project#: 07-25-306A		
	Client: ECIDA		Contractor: DEMCO		
//		83.0B	Elevation:		
	Date Completed: (Pit max. depth:		
Geologist:	Nicole Motto		rator: John		
Pit Number		Approx. water table de	. OSYPECO LODINO CO : itago		
	. (4)	DESCRIPTION			
DEPTH	Soil Unit				
-0-	Topsoil	81, GOCK promu 21,	1ty loam rowlid excience of fill		
- <u>v-</u>		811-2' Repair & Ba	own Clouded Sitt.		
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General:					
			Ool of Aller		
Analytical	Samples: Sampled as 1	'-2' for PAH Ba	, CA CB MO,		
Comments					

		TEST PIT LOGS			
MIL	Project: Spaulding F	ibre	Project#: 07-25-306A		
	Client: ECIDA		Contractor: DEMCO		
	Date Started:	23.08	Elevation:		
	Date Completed:		Pit max. depth:		
Geologist:	Nicole Motto		perator: John		
Pit Number	: 0-1	Approx. water table	e depth: No water observed willet.		
		DESCRIPTIO	N .		
DEPTH	Soil Unit				
-0-	Cover-> Fill		K groups wi some degrociect stag		
-0-		moist 0-12"			
	Notice		BODWA Clayer Silt		
-2-	(sauce)	12"-36"			
	At 1 months of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the		Annual State of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the C		
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Analytical Samples: Sampled at 0-1 + 2-8 For Bo, Cu.

Comments:

		TEST PIT L	LOGS	
MIL	Project: Spaulding I	Fibre	Project #: 07-25-306A	
	Client: ECIDA	1 s	Contractor: DEMCO	
	Date Started:	lo-23-08	Elevation:	
	Date Completed:	6-73-08	Pit max. depth:	
Geologist:	Nicole Motto	Operator:		
Pit Number:	N-2	Approx. water table depth:		
		DESCRIPTION		
DEPTH	Soil Unit			
-0-	TOPSOIL/	6" Dark brown Silty	Clay loan grading	
	MATIVE	to brown Clas	rey filt	
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General:				
Analytical San	nples Not Sau	pled		
Comments:		-		

		TEST PIT LOGS								
MH_{\perp}	Project: Spaulding	Fibre	Project #: 07-25-306A							
	Client: ECIDA		Contractor: DEMCO							
	Date Started:	6-23-08	Elevation:							
	Date Completed:	6-23-08	Pit max. depth:							
Geologist:	Nicole Motto	<i>e D) *0</i>	Operator: John							
Pit Number:	N-3	Approx. water t	able depth: No water observed							
		DESCRIP								
DEPTH	Soil Unit									
-0-	TOPSOIL/	811 Brown	Silty Clay Loan grading to Clayey Silt							
İ	TOPSOIL/ NATIVE	Brown	Clayey Silt							
-2-										
-2-										
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- -4- -6- - -8-										
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-14-										
-16-										
-10-										
General:										
Analytical Sa	mples	1								
	Not S	aupled								
Comments:										
PID-Backgro	ound Reading									

/ 1		TEST	PIT LOGS
111	Project: Spaulding F	ibre	Project #: 07-25-306A
	Client: ECIDA		Contractor: DEMCO
		123.08	Elevation:
	Date Completed: (23.08	Pit max. depth:
	Nicole Motto	0: 45:08	perator: John
Geologist:		Approx. water table	
it Number	r: AA~1	DESCRIPTIO	
DEPTH	Soil Unit		
	over	2"asphatt	
-0		Black I gray sor	rd and grames 10ts of pea grames
_	£:11	rear gewer	•
-2- <u>·</u>		1	
_		Clay a gravel	at 32"
4	Nation/Regraded	Clay a gravel Clay a Silt	at 42"
-4-			
_			•
-6-			
-8-			•
-0-			
4.0	•		
-10-			
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-12-			
-14-			
-14-			
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-16-			
General:			
Analytica		1,-5, + 3,-3.2,20	C BYH US: CO, HB.

Project: Spaulding Fibre Project #: 07-25-3	06A
Client; ECIDA Contractor: DEI	MCO
Date Started: 6.03.08 Elevation:	
Date Completed: 6.83.08 Pit max. depth:	
Geologist: Nicole Motto Operator: John	
Pit Number: AAZ Approx. water table depth: no water obs	30RD.
DESCRIPTION	
DEPTH Soil Unit	
-0- COVER. 2" degraded asphale.	aup)
Lacon San 1 3	
- FILL too much peagravel to reach native	CENTER MISION OF TY.
-2-	
-4- Native Clay 45 ilt on South ent of	Pi+@ 3'
	,
-6-	
·)	
-8-	
-10-	
-12-	
-14-	
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-16-	
General:	
Analytical Samples: Sompled at 3'-3,5' PAH, AS, Cu, Hg.	
Comments:	

		,	TES	ST PIT LO	OGS	
	Project: Spaulding	Fibre		******	Project#: 07-25-306A	
	Client: ECIDA				Contractor: DEMCO	
	Date Started: 6	, 23.1	78		Elevation:	
	Date Completed:				Pit max. depth:	
Geologist:	Nicole Motto	U AJ		Operator:	John	
Pit Number:			Approx, water ta		~41 water seeping in.	
			DESCRIPT			
DEPTH	Soil Unit		- 1-1			
-0-	Cover		"Obek clay and 914 amor	•		
-2-	-fi11.		Occupy white	•		
-4-	Native	CI	clay as 3.5% Castillion pipe set in Clay wins bedding			
-6-			•			
-8-	ı		•			
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-10-						
-12-						
-14-						
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General:						
Analytical S	amples: Sampled at 9	.5' Ro	PAH, AS, (Jen, Hg.		
Comments:	round Reading					

/1			TES	T PIT LO	OGS
4	Project: Spauld	ing Fibre			Project #: 07-25-306A
(LL)	Client: ECIDA	mg x is i		Contractor: DEMCO	
	Date Started:	6.86	~~ OB	·	Elevation:
	Date Completed		96.08		Pit max. depth:
Geologist:	Nicole Motto	<u> </u>	, 0 - 0 0	Operator:	John
Pit Number			Approx. water ta	ble depth:	
	3.7(\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u></u>	DESCRIPT	ON .	
DEPTH	Soil Unit				
-0	COVEC	S	3" asphalt		
-0			11 Brown Sanc		
-	FILL	[5			1 a 1 HHPE SLAG SEOM ONO
-2-	Native -	-1.	GIEBELZ MIT	1	
	<u>Native</u>		Brown Claryes	elt, very i	roist & Z.5ft
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General:					
Analytical	Samples: Samples	at 1-5	2' iand 2.5	-3. PAH	, As, Cu, Ha
` <u> </u>					
්රmments [S:	•			
PID- Back	kground Reading				

		TE	ST PIT LO	OGS
AII	Project: Spaulding F	libre		Project #: 07-25-306A
	Client: ECIDA			Contractor: DEMCO
	Date Started: 6 ·	20·08		Elevation:
	Date Completed: (Pit max. depth:
Geologist:	Nicole Motto	<u> </u>	Operator:	John
Pit Number		Approx. water	table depth:.	no weter observed.
	<u> </u>	DESCRIP		
DEPTH	Soil Unit			
-0-	poxec	6" carcrete	e whate	C 4887
-0-		WACK OFFI	Yor sand	w patches of Fire-medium tar
-2-	· F	sond		
gagtagte vaan	S. The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second se		and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t	
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General:				
	Samples: Sompled 0.5 1.	-2 + 2-3 For	od, En.	
Comments	:			
PID- Bacl	ground Reading			

	TEST PIT LOGS							
	Project: Spaulding	Fibre	Project #: 07-25-306A					
MAIN	Client: ECIDA		Contractor: DEMCO	***************************************				
	Date Started: 6.	80·08	Elevation:					
	Date Completed: (Pit max. depth:	·				
Geologist:	Nicole Motto		perator: John					
Pit Number:		Approx. water table	depth: no water obse					
		DESCRIPTIO						
DEPTH	Soil Unit							
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-4-	alay sa guyin ay galan Magadia, adan ya AMMayaya Masadian di mukadi mama a hidi.	and the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section section	and the property of the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and t	ن ما در می در در این در این در این در این در این در این در این در این در این در این در این در این در این در ای				
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General:								
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Analytical Sa	amples: Somplow a	¥1-545-36	for (bd), zn					
Comments:								
PID– Backgr	ound Reading							

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PROJEC	T		Spauldi	ng Fi	bre :	ERP - Sup	pleme	ntal						SHEET:			
CLIENT			ECIDA			<u> </u>								JOB NO:			
BORING	CONTR	ACTO	R	E	Buff	alo Drilling	g							BORING LOCATION:			
GROUN	DWATER	Ľ							CAS.		1PLER	CORE	TUBE	GROUND ELEVATION	[:		7.07.10.000
DATE	TIME		LEVEL			TYPE	TY				spoon			DATE STARTED:			7/31/2008
				<u> </u>			DL			2"				DATE FINISHED:	· lo	ff Hubert	7/31/2008
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сом	MENTS	S:	Sr	olit sp	oor	driven u	sing p	nue	matic ja	ckh	amme	<u> </u>			•	_	
PROJ	ECT N	0.:										BORI	NG NO.	: <u>AD-2</u>		_	

	TEST PIT LOGS						
	Project: Spaulding I	dibre dibre	Project #: 07-25-306A				
LLK	Client: ECIDA		Contractor: DEMCO				
	Date Started: 6.	80·08	Elevation:				
	Date Completed: 6		Pit max, depth:				
eologist:	Nicole Motto	·	Operator: John				
it Number:	AEI	Approx. water t	able depth: water organized.				
		DESCRIPT	FION .				
DEPTH	Soil Unit						
-0-	CONEL	Phowevete	wiredar.				
=	EII.	grave & aw	y construction fill madebal				
-2-	native.	clayer 1514	redish Brown.				
-8- -10- -12- -14- -16-							
General: Analytical S	Samples: Sampled actor	2-3 For POB	: Cd + Pb.				

AT	TEST PIT LOGS						
MII	Project: Spaulding	Fibre	Project#: 07-25-306A				
(ILK	Client: ECIDA		Contractor: DEMCO				
		· 90·08	Elevation:				
	Date Completed: ¿		Pit max. depth:				
Geologist:	Nicole Motto	Opera	ator: John				
Pit Number:	AEZ.	Approx, water table dep	oth: no water observed.				
		DESCRIPTION					
DEPTH	Soil Unit						
-0-	cover.	P., courage m	LONG MESIL.				
-0-		black argular sonal	sul gravels.				
	All	Thursd law	in a to duct wired within -				
-2-	see .	bagaca law	Thagged laminant dust mixed within I				
-	C	1010016 000 1000					
-4-	- 1111	block argular sava	il to 1 grand				
7	D - ICD - C a -	-// -					
-6-	LONCKETE SLAB	AT 55" BELOW MA	fin trook				
		1 20 a.a	on 6/25/00 and a state				
-8-	1	Re-excellence:	on 6/25/08 and sampled al for TCLP/RCRA analysis,				
-0-		1 bagged water	at to teleffects analysis,				
-		Also sampled	matrix for voc analysis				
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General:							
Analytical S	amples: Sampled 3'-5	5' for tal metals, su	ca Pars.				
Comments:							

		TES	PIT LOGS	
	Project: Spaulding Fi	ibre	Project#: 07-2	5-306A
	Client: ECDA		Contractor: D	
	Date Started:	25.08	Elevation:	
	Date Completed: (Pit max. depth:	
Geologist:	Nicole Motto		perator: John	
	r: AF-2.	Approx. water tal	e depth: 00 coates c	ioserved.
		DESCRIPTION	. И	and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s
DEPTH	Soil Unit			
-0-	CONEC:	0-6.5" reine	re course	
-0-	777	6.5"-01"S10g	egateereral/grey six	M. Car. IA M. Cak
_	10thre/Regraded	d= 54" Bem!	Education and ideal 24st	y way very moist
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General:				
Analytica	I Samples: Soumpled Of	1,5-2/ Cd, 30.		
<u>)</u>				
Comment	ts:			

/1 11		TES	ST PIT LO	OGS
	Project: Spaulding	g Fibre		Project#: 07-25-306A
	Client: ECIDA			Contractor: DEMCO
	Date Started: 6	· 85·08		Elevation:
		6.92.08		Pit max. depth:
Geologist:	Nicole Motto	0 0 0 0 0 0	Operator:	John
	: AF-3	Approx. water to	able depth:	soda seering in at B'
		DESCRIPT		
DEPTH	Soil Unit	-		
-0-	Cover	6" reinforced	concrete	
-	Paties	10 4000 MEST 31	Very moist	day/silty day water seeping
-2			A transfer of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	entrological and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second se
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General:				
Analytical	Samples: Sampled as	0-2 Por ed, 2	٠, ١	
Comments	; ground Reading		· ·	

		TES	ST PIT LOGS		
411	Project: Spaulding	g Fibre	Project#: 07-25-306A		
	Client: ECIDA		Contractor: DEMCO		
	Date Started: (D5008	Elevation:		
		6.85.08	Pit max, depth:		
Geologist:	Nicole Motto	(1000)	Operator: John		
Pit Numbe		Approx. water ta	able depth: 4' water was found.		
DESCRIPTION					
DEPTH	Soil Unit				
-0-	Cover	concers w/	mesh wire.		
		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	AND LANCE OF COMMENT AND COMPANY OF CONTROL OF COMMENT AND COMPANY OF COMMENT AND COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPAN		
-2-					
-2-		VOID-			
-	,	WN3FT	WATER		
-4-		100			
144	CONCRETE SLAB	6" CONCRET	TE 62"-68" E 68"-74"		
-6-	N.	6" SUBBASE	E 68"-74".		
. =	DHIR.	Clay a Sil	It Brown very moist		
-8-					
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General:					
Analytica	I Samples: Samplad at	7' for D-N, AS.	$Co_1mo_12o_2$		
Comment	s:				
PID– Bac	kground Reading				

/11F		TES	ST PIT LO	OGS	
	Project: Spaulding Fib	re .		Project#: 07-25-306A	
ı I L k	Client: ECIDA			Contractor: DEMCO	
	Date Started: 6.85.08			Elevation:	
	Date Completed: 6.			Pit max. depth:	
Geologist:	Nicole Motto	92 DB	Operator:	John	
Pit Number		Approx. water to	<u></u>	no water associed.	
I it ituinber	: AG1-2	DESCRIPT			
DEPTH	Soil Unit				
<u> </u>	CONEC	P. concrete n) where	zh.	
-0-	EIII	6"-18" Q10y m	M brick		
-	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	181 - Zetil gray.	siltyclag	'ROB 62-38"	
-2-	Native	KETTILEY EXCENT.	coop no		
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General:		4			
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	n e e	6 25000000000000000000000000000000000000	1 10	v. Mr. 20	
Analytical	Samples: Sampled at 22	16.3 40C.DI	1) ASI CA	The same of free t	
Comments	:				
[
PID-Back	ground Reading				

	TEST PIT LOGS				
	Project: Spaulding Fi	ihre	Project#: 07-25-306A		
	Client: ECIDA		Contractor: DEMCO		
		85.08	Elevation:		
	Date Completed: (Pit max. depth:		
Geologist:	Nicole Motto		perator: John		
Pit Number:		Approx. water table	depth: water observed.		
'	1,01 0.	DESCRIPTION			
DEPTH	Soil Unit				
-0-	cover	S'' Concrete (n	sueer or isae)		
-0-	SUDDOSE.	German deamor	18XX		
_	Regulal/Nation	com of conces	18 1448 DECES DE MUCA EN GOM + BEDAM		
-2-	Manual Manual Company	منته مقدم المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته والمنته والمنته والمنته والمنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته و المنته			
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General:					
Analytical S	samples: Sompled at	1.5'-2' FOC DI	,-N, As, Co, Mn, Zn.		
Comments:					
PID- Backs	ground Reading	,			

/1		TES	ST PIT LO	OGS
411	Project: Spaulding Fib	re		Project #: 07-25-306A
al Lk	Client: ECIDA			Contractor: DEMCO
			Elevation:	
	Date Completed: 6	<u>19.08</u> . 19.08		Pit max. depth:
Geologist:	Nicole Motto	1, 4	Operator:	John
Pit Number		Approx. water ta	ble depth:	
	· //3_ (DESCRIPT	ION	
DEPTH	Soil Unit			
-0-	Oover	6" concreto u	l wire mea	Sh.
	- natives/flegraded. Very moist remorted clay saw some sale			clay saw some with and
-2			•	
-4-				
-4-				
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General:		•	*****	
Analytica	I Samples: Sampled at	155 for Cal	ر ک م .	
Comment	s:			
PID-Bac	kground Reading			

		TES	ST PIT LO	OGS		
	Project: Spaulding Fib	re		Project #: 07-25-306A		
all k	Client: ECIDA			Contractor: DEMCO		
			Elevation:			
		19.08 19.08	<u> </u>	Pit max. depth:		
Geologist:	Nicole Motto) (((()())	Operator:	John		
Pit Number		Approx. water ta	ble depth:			
		DESCRIPT	ION .			
DEPTH	Soil Unit					
-0-	Cover	Pu coucrece				
=	Sub base.	Z' gravely Su		50-4-10-0-10-0-10-0-10-0-10-0-10-0-10-0-		
-2-	Mino/Regrated	moist-wet	yoursy s	11 H RECORDED A CHARLES OF		
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General:						
Analytical	Samples: Sompled 1'- 7	2'00000 20	<u> </u>			
	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	- an w, a)	•			
Comments						
PID-Back	PID-Background Reading					

AT		TEST	PIT LOGS
	Project: Spaulding F	ibre	Project#: 07-25-306A
	Client: ECIDA		Contractor: DEMCQ
		· 19·08	Elevation:
	Date Completed: Q		Pit max, depth:
eologist:	Nicole Motto		perator: John
it Number	^-	Approx. water table	depth: no coater strength.
<u> </u>		DESCRIPTION	
DEPTH	Soil Unit		
-0-	cover:	4" concrete 2-3" 500 po	90.
-V-	All matericOs.	recorked Brown	n clayed fill trace sana
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-4-			
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-1 <i>2</i> -			
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General:			
General:			
General:			
	Samples: Somples 1'-	z' For.Cd Zo.	
	Samples: Samp 1601 1/-	z' For.Cd Zn.	

/TE		TEST PIT L	ogs
	D. t. t. Caraldia W	bre	Project#: 07-25-306A
	Project: Spaulding Fi	DIC	Contractor: DEMCO
	Client: ECIDA	06.08	Elevation:
		<u>80°08</u> 2°8(0°0 <u>8</u>	Pit max. depth:
	Section 1998	Operator:	John
eologist:	Nicole Motto	Approx. water table depth:	1
it Number:	AJ-4.	DESCRIPTION	
DEPTH	Soil Unit		
	Cover	P. Quete my west my	Te.
-0-	The second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of th	B" sond once stoog.	
-	4111	36" Brown clay w/ b	ricks regraeled
-2-	Fill Regraded	,	
	n and the second of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	والمستهام والمستهاد والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام والم والمستهام والمستهام والمستهام والمستهام والمستهام والمستهام و	
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General:			
General			
Analytical S	Samples: Sompled at	1.5'-2' for Col,70.	
Comments:	•		
Comments:	•		

/ 11 1			Project #: 07-25-306A
	Project: Spaulding	Fibre	<u> </u>
	Client: ECIDA		Contractor: DEMCO
	Date Started:	0.19.08	Elevation:
	Date Completed:	6.19.08	Pit max, depth:
leologist:	Nicole Motto		ator: John
it Number	: AJ-5	Approx. water table de DESCRIPTION	pth: 10 wester observed.
		DESCRIPTION	
DEPTH	Soil Unit	<u> </u>	
-0-	Cover.	Concrete	
-		clayey sitt mois	st redaish Brown wil bricks
-2-	Fill material)	(whole bricks)	
	Fill material/ Regrebel Native		
-4-	0		
-4-	Vative	Clayey silt moist	recidish Brawn
	Duston		
-6-			
H	•		
-8-			
_			
-10-			
_			
-12-			
-1 <i>4</i> /-	,		•
4.4			•
-14-			
-			
-16-			
General:			
Analytical	Samples: Samples 1-	-5, 41,-2, box 00	1 (4'-5') + Cd Zn (1'-2').
Comments	s:		
מי מונס	ground Reading		

/TE	\	TES	T PIT LO	OGS	
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11 le	Project: Spaulding Fit			Contractor: DEMCO	
	Client: ECIDA			Elevation:	
	Date Started: 6	70.08		Pit max. depth:	
	Date Completed: 6	. <u>an « an .</u>	Operator:		
Geologist:	Nicole Motto	Approx. water to		to wonter observed)
Pit Number:	AJ-6.	DESCRIPT			
DEPTH	Soil Unit		<u> </u>		
	Carer.	6" concrete	e vol Love	e mesh.	
-0-		black anau	cm sorid	Isome patches se tan n	nection-
-	FIII	fine sound			
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-16-		7. 			
General:			,		,. <i>4</i>
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	a and Ob	1/-2' for PC	By Ca.		
Analytical	Samples: Sampled at	, - \\\ (c)			
Comments	s:			`	
PID- Bacl	kground Reading	•		#a.v.	
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	TEST PIT LOGS				
	Project: Spauldin	g Fibre	Project#: 07-25-306A		
	Client: ECIDA	8	Contractor: DEMCO		
	Date Started: (-	o-20-08	Elevation:		
		6-80.08	Pit max. depth: 2'		
Geologist:	Nicole Motto		rator: John		
Pit Number		Approx. water table de	epth: No wester observed		
		DESCRIPTION			
DEPTH	Soil Unit	·			
-0-	Cover	8" concrete w	wire mesh.		
	Fill		sand some brieve code grovel		
- -		3 000 500 p			
consolered horizones	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon			
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General:					
General:					
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Analytical	Samples: Sampled a	e 1'-2' for PCBACd			
omments	:				
 PID Book	ground Reading				
L TO- DACK	ground Acading				

	TEST PIT LOGS				
4	Project: Spaulding Fib	re		Project #: 07-25-306A	
	Client: ECIDA			Contractor: DEMCO	
	Date Started: 6.8	n.08		Elevation:	
	Date Completed: 6			Pit max. depth:	
Geologist:	Nicole Motto		Operator:	John	
Pit Number:		Approx. water tal	ble depth: (did not observed water	
	7 10 0	DESCRIPTI			
DEPTH	Soil Unit				
-0-	Cover.	Conces w			
-2-	Ell Material	move price	्राख्याः	gn brown Clay Silt.	
-4-					
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-6-					
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-12-					
-122-					
-14-					
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-16-					
General:		1			
Analytical	Samples: Samples of	1'-2' for PDE	5, Ccl.		
Comments	•				
PID- Back	ground Reading				

<u>/11</u>		TES	ST PIT LO	OGS	
71	Project: Spaulding Fibr	·e		Project#: 07-25-306A	
(ILh	Client: ECIDA			Contractor: DEMCO	
	Date Started: 6.19	:08	<u></u>	Elevation:	
	Date Completed: 6.		<u></u>	Pit max. depth:	
Geologist:	Nicole Motto	.,,	Operator:	John	
Pit Number	: AK-1	Approx. water ta	able depth: (no water observed.	
		DESCRIPT	ION		
DEPTH	Soil Unit				
-0-	Concrete.	COVILETE A		1	
_	Foundry Somal.	Į.		BLOTTE WIX GLOUPS.	
-2	native	redish Brown	clayey silt	· 0 2'	
=		~83" dow	n'is pi	pe elbow.	
-4-					
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-6-					
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-8-	'				
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-10-					
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-12-				•	
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-14-					
j -					
-16-					
General:		<u> </u>			
Analytical	Analytical Samples: SampleOl Of 1'-Z' for PAH, Mn.				
Comments					
PID-Back	ground Reading				

/ 1		TE	ST PIT L	OGS	
4	Project: Spaulding Fil	bre		Project #: 07-25-306A	
	Client: ECIDA			Contractor: DEMCO	
		19.08	<u>-</u>	Elevation:	
	Date Completed:			Pit max. depth:	
Geologist:	Nicole Motto		Operator:	John	
Pit Number	r: AK9	Approx. water t	able depth: (YO WARDA DOSERYEDI.	
		DESCRIPT	TION		
DEPTH	Soil Unit				
-0-	COVER	Brock foruged a	11 cm elsonos	ittle Cleam sand.	
-2	Parice	chayey sitt @	25 <u>"e</u> α	st end but gets deperation	cesterd.
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-4-			1		
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-6-					
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-8-					
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-10-					
-					
-12-					
_					
-14-					
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-16-					
General:					
Analytical	Samples: Sampled at 1	-2' for PAH	•		
omments	s:	H - Min			
PID-Back	kground Reading				

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/iii		TEST PIT LOGS
411	Project: Spaulding Fib	Project #: 07-25-306A
ALK	Client: ECIDA	Contractor: DEMCO
		Elevation:
	Date Completed: 6	· · · · · · · · · · · · · · · · · · ·
Geologist:	Nicole Motto	Operator: John
Pit Number:	AK-4	Approx. water table depth: 10 water opened.
	y . t 3	DESCRIPTION
DEPTH	Soil Unit	
-0-	COVEL.	Concrete m/ Lebox.
_		black angular sand trace graves some.
-2-	foundty soud.	While brick
-2-		
4		
-4-		
-6-		
-		
-8-		
-	•	
-10-		
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-12-	•	
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-14-		
-16-		
10		
General:	·	<u> </u>
Guneran		
4	amples: Sampled at 1	1-71 for DAH.
Analytical S	ambies: 20MNiggs on 1	- W. F. 1111
Comments:		
PID– Backg	round Reading	

/IF		TEST PIT L	OGS
4	Project: Spaulding Fi	bre	Project #: 07-25-306A
dlk	Client; ECIDA		Contractor: DEMCO
	* //	20.08	Elevation:
		0.50.08	Pit max. depth:
Geologist:	Nicole Motto	Operator:	
Pit Number:			no water deserved.
1 It Mumber:	· / · / · · · · · · · · · · · · · · · ·	DESCRIPTION	
DEPTH	Soil Unit		
-	COVER	concrete wil rebon	•
-0-		plack audoloc aska	
-		DIACH AIRDIN 340	.var.2.
-2-	foundry sand.		
_	with A zug.		
-4-			
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-12-			
-14-			
-14-			
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-16-			
General:			
Analytical	Samples: Sampled Of	0'-2'4 4'-6' PAH (DI-10 PCB Cd 70.
Comments	:		
PID- Backs	ground Reading		

		TES	ST PIT LO	OGS					
4	Project: Spaulding Fit		Project #: 07-25-306A						
allk	Client: ECIDA			Contractor: DEMCO					
M #	6. [2]	30·08 ⁻		Elevation:					
	Date Completed:			Pit max. depth:					
Geologist:	Nicole Motto		Operator:	John					
Pit Number:	AK-6	Approx. water ta	ble depth: (water town at 4'					
		DESCRIPT	ION .						
DEPTH	Soil Unit	-							
-0-	cover	consiste o	i repar						
_	base. black angular samel trace of gravel.								
-2-	O.S.	gravel com							
	G11 materiol.	plack orgalar	-sand u	ol whole bricks					
-4-									
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-6	the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the sa		u' (5) S\	1645 Sheen a Goam					
		Contain are	cr cor-	•					
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-10-									
-12-									
-12-									
14									
-14-									
-16-									
-10-									
General:									
	amples: Sompad as O	-21 + 4'-6'	FOR PA	H OI-N PCB Cal En Cr.					
Comments:									
PID-Backg	round Reading								

	TEST PIT LOGS									
4	Project: Spaulding Fib	re	-	Project #: 07-25-306A						
	Client: ECIDA		<u></u>	Contractor: DEMCO						
	Date Started: 6.2	೧.೦೪	<u> </u>	Elevation:						
	Date Completed: 6			Pit max. depth:						
Geologist:	Nicole Motto		Operator:	John						
Pit Number:		Approx. water t	able depth: (water ford at ~3'						
	7 1	DESCRIPT								
DEPTH	Soil Unit									
-0-	Cover.			, under converse has a poly (plesho)						
-	FILL									
-2		clayer sith re	Adjely Dia	<u>907.</u>						
-	native-REGRADED									
-4		B" metal	Pipe N	ns through test pit.						
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8-	•									
-10-										
-10-										
-12-										
-12-										
-14-										
-16-										
General:		and Legisla								
Analytical	Samples: Sampled as O'	-2' 6 2'-4'	PAH OI-	N PUB (D) En Cr.						
Comments	:			·						
PID- Back	ground Reading									

1		TES	T PIT LOGS				
	Project: Spaulding	r Fibre		Project #: 07-25-306A			
ALK	Client: ECIDA			Contractor: DEMCO			
		o·20·08		Elevation:			
		6.20.08		Pit max. depth:			
Geologist:	Nicole Motto		Operator: Jo				
Pit Number:	ALZ.	Approx. water to	ible depth:	:			
,		DESCRIPT	ION .				
DEPTH	Soil Unit						
-0-	Cover	consider w					
_	FILL	DIOCK angula	acsond tr	are granel			
-2-							
P4 ~		PROCK OUTONO	sandi trace	graves some readish Brawn			
-4	**************************************	Crowled 21H					
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-6-							
_							
-8-	•						
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-10-				•			
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-12-							
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-14-	•						
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-16-							

General:							
		·					
Analytical S	amples: Sampled at	0-2-4 2-4 60	FAH, Di-	N, POB, Cd, En.			
Comments:			··· · · ·				
	round Reading						
TID- Dackg	round Reading						

/TF	TEST PIT LOGS									
	Project: Spaulding Fibre		Project #: 07-25-306A							
	Client: ECIDA		Contractor: DEMCO							
	<u> </u>	7·08	Elevation:							
	Date Started: 6.10 Date Completed: 6.10	19.08.	Pit max. depth:							
Geologist:	Onevertow John									
Pit Number:	AM-1	Approx. water table depth:	water opened of My							
		DESCRIPTION								
DEPTH	Soil Unit		·							
-0-	Cover	concreto r.b.								
=	FILL	SOME SAND								
-2- -4- -	RE-GIZADED NOTELLO	Clayey silt mois	thower, readily brown.							
-6- -8- -10-										
-12- - -14-										
-16-	-									
General:										
Analytical S	Samples: Sampled at 1	1-3' 4 4'-6' PA	4, 01-N, Cd, Cr, MO.							
Zomments:			,							
PID-Backg	ground Reading									

/1 11		TE	ST PIT LO	OGS
	Project: Spaulding Fibr	re		Project #: 07-25-306A
allk	Client: ECIDA			Contractor: DEMCO
	Date Started: 6. \C	1.08		Elevation:
	Date Completed: 6.			Pit max, depth:
Geologist:	Nicole Motto		Operator:	John
Pit Number		Approx. water t	able depth:	no water observed.
		DESCRIPT		
DEPTH	Soil Unit			
-0-	gover	COUCLEGE		
··································	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	grovely su	ID DOZO (Bred
-	SUB base.			
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General:				
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Analytical	Samples: SOMPLED ect (O'S FOT PA	U-iO, H	, As, Ca, Cr, Mn, Zn,
Comments	:			
PID- Back	ground Reading			

41		TE	ST PIT LO	OGS .	
	Project: Spaulding Fi	bre		Project #: 07-25-306A	7
	Client: ECIDA			Contractor: DEMCO	
	Date Started: 6. 1	9.08		Elevation:	
	Date Completed: (-		<u></u>	Pit max. depth:	
Geologist:	Nicole Motto		Operator:	John	
Pit Number	r: AM-3	Approx. water t	able depth: (no water observed.	
		DESCRIPT	ION .		_
DEPTH	Soil Unit				
-0-	COVET	4" CONCRECES 4" SUB	t consideration of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constan	A CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR	dominine.
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-12-					
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-14-					
-16-					
General:					
General					
Analytical	Samples: Sampled for	PAH, DI-N,	As, 00,0	r, ma, en as 0-8'	
omments	S:				
PID- Back	kground Reading				

		TEST PIT LOGS									
	Project: Spaulding Fib	re		Project#: 07-25-306A							
	Client: ECIDA			Contractor: DEMCO							
		34.08	· · · · · · · · · · · · · · · · · · ·	Elevation:							
	Date Completed:			Pit max. depth:							
Geologist:	Nicole Motto		Operator:	John							
Pit Number:	BA-1	Approx. water to	able depth: 🤈	n willow Observer	الد						
		DESCRIPT	TION								
DEPTH	Soil Unit	,									
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	Project: Spaulding Client: ECIDA Date Started: 6 Date Completed:		C	roject #: 07-25-306A
	Client: ECIDA Date Started: 6		C	
	Date Started: &	. 64.08		
		<u>01 0 a</u>	E	levation:
	Date Company		P	it max. depth:
Geologist:	Nicole Motto	00.0.	Operator: Joh	ın
	BA-2	Approx. water to	ible depth: 00	water disserved.
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DEPTH	Soil Unit			
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	CONTRA		R	Buff	falo Drilling	1			Lair	ent tin	CODE	Trent.	BORING LOCATION: GROUND ELEVATION			
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	Project: Spaulding F	fibre		: 07-25-306A
	Client: ECIDA	,		or: DEMCO
	Date Started: 6	Elevation		
	Date Completed: 6	Pit max.	depth:	
ologist:	Nicole Motto		Operator: John	
Number	: BC-1		able depth: Walker.	ars'
		DESCRIPT	TION .	
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		TEST	PIT LOGS
	Project: Spaulding F	libre	Project #: 07-25-306A
	Client: ECIDA		Contractor: DEMCO
	Date Started: 6	24:08	Elevation:
	Date Completed: (Pit max. depth:
	Nicole Motto		erator: John
eologist:	: PC- Q	Approx. water table of	
t Number	: PJ-'d.	DESCRIPTION	
DEPTH	Soil Unit		
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Comments:

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	Project: Spaulding	Fibre	Project#: 07-25-306A
Illk	Client: ECIDA	Tibic	Contractor: DEMCO
		·84·08	Elevation:
	Date Completed:	6.84.08	Pit max. depth:
Chalagiota	Nicole Motto		perator: John
Geologist: Pit Number:		Approx. water table	e depth:
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DEPTH	Soil Unit		
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Analytical	Samples: Sampled o	J 3',6', 9' Re	0-13, Beneene, As.
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PID-Back	kground Reading		

		TES	T PIT L	OGS		
MII	Project: Spaulding Fib	ore.		Project#: 07-25-306A		
	Client: ECIDA			Contractor: DEMCO		
	Date Started: 6	35,08		Elevation:		
	Date Completed: 6		-	Pit max. depth:		
Geologist:	Nicole Motto		Operator:	John		
Pit Number:		Approx. water ta	ble depth:	water as 4'		
DESCRIPTION						
DEPTH	Soil Unit	İ				
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CLIENT										JOB NO:						
BORING	CONTRA				ffalo Drilling	<u></u>							BORING LOCATION:		.,,	
GROUND					nale enime	<u> </u>	-	CAS.	SAN	IPLER	CORE	TUBE .	GROUND ELEVATION	<u>:</u>		
	TIME		EVEL	Т"	TYPE	TYP	E		split	spoon			DATE STARTED:			7/31/2008
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				SAMPLB				**			DESC	RIPTION	.			
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	COMMENTS: Split spoon driven using pnuematic jackhammer															
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/11 F		TEST	PIT LO	OGS	
	Project: Spaulding Fibr	re		Project #: 07-25-306A	
	Client: ECIDA			Contractor: DEMCO	
		UNG		Elevation:	
No.	Date Started: 6, 5 Date Completed: 6,			Pit max. depth:	
	201 (14 A) (14 A)		perator:	John	
Geologist:	Nicole Motto			cates soon inco	N 23
Pit Number	BD-1	DESCRIPTIO	N .		
DEPTH	Soil Unit				
-0-	Cover	Process co	me m	. (12)	المحتل في المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المحاول المح
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General:					
Analytical	Samples: Sampiec, as 3	5'46' FOR DAY	i		
Comment	s:		<u></u>		
PID- Bac	kground Reading				

/1 F		TEST PIT LOGS
	Project: Spaulding Fib	Project #: 07-25-306A
lllk	Client: ECIDA	Contractor: DEMCO
	Date Started: (5. @	Elevation:
	Date Completed:	Dit may denth!
	Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Contro	Operator: John
Seologist:	Nicole Motto	Approx. water table depth: (10 was see close (ed).
Pit Number	<u> </u>	DESCRIPTION
DEPTH	Soil Unit	
-0-	Over	6" concrete whomemen.
	(m) 1	Stag & 111 some Black orgunar server then grayish clay most some odar in pt Lean not 10 odar) layored gray a retruct clay of Clayer Sitt
-2- - -4- -	PEGRADED	layered group a remon clary / clayery Silt -
-6 -8-		
-10-		
-12- - -14-		
-16-		·
General:		Ken. at 3'46' for PAH

Comments:

ROJECT				. ~ ,	nc.								BORING NO.	3D- :	3	
					EDD Com	Jament	-1						SHEET:			
THENT	<u> </u>				ERP - Supp	петени	11	 -					JOB NO:			
	CONTRA		ECIDA	Buf	falo Drilling	<u> </u>							BORING LOCATION:			
	WATER			Dui	ialo Drilling	<u> </u>	C	AS.	SAM	PLER	CORE	TUBE	GROUND ELEVATION	<u>:</u>		(0.1.100000
	TIME		LEVEL		TYPE	TYPI	2		splits	poon			DATE STARTED:			31/2008
AIL	THE			 		DIA.			2"				DATE FINISHED:			31/2008
	_	一				WT.	\top		jackh	amme	r		DRILLER:		ff Hubert eve Frank	
	 	-				FAL			<u> </u>				GEOLOGIST: REVIEWED BY:		eve Flank	
		$\neg \uparrow$					* POC	KEI	PEN	ETROM		EADING ERIPTION	REVIEWED BY:	_		
				SAMPLE							DESC	MATE	TAT	CLASS	REMA	RKS
DEPTH	STRATA	NO.	TYPE	BLOWS PE	RECOVERY ROD%	COLOR		SISTEN	- 1			DESCRI		USCS	PID	moisture
		NO.	1112	6"	ROD%		IAH	RDNES	5	A 11	a . JaD					
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		\ \ \	59	WIT	6590	BLY				FILL	· 7	11 BSC	out CLAY		OPPM	L(V)
	!				4	1764			1		a	11 BIA	CK GALKANDYSTA	- w	1	
		2	55	<u> </u>	9590						-7			-	OPPM	
5				= =					ļ		REGR	laded (gray a brown	-]	
		3	55	<u> </u>	10090						SILTE	CLAY	Some wood BRICK		1	
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<u></u>	4					1										
	COMMENTS: Split spoon driven using pnuematic jackhammer															
PRO	—— JECT !	0									BOI	RING NO	D.: BD-3			

/ 1		TEST PIT I	LOGS
	Project: Spaulding Fil	hre	Project #: 07-25-306A
			Contractor: DEMCO
░▍▀▟░	Client: ECIDA Date Started: 6 8	ana	Elevation:
	Date Started: Of the Date Completed: 6		Pit max. depth:
	Contractions of a second	Operator	: John
Geologist:	Nicole Motto	Approx. water table depth:	OP worker observed
Pit Number	: P-1	DESCRIPTION	
- TOWIT	Soil Unit		
DEPTH		morete DO	ebarorwire mesh.
-0-	concrete.		ar sand trace medium gravel
1	foundry sand	1.4.2. Place al Boi	ar sained trace themselves
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-4-			
-4-	;		
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-6-			
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-10-			
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General		•	
General	•		
		tor.	
Analytic	eal Samples: Sampled as	1-21 Ra, Cc.	
Comme	nts:		

/ 1		TE	ST PIT LO	OGS			
411	Project: Spaulding Fil			Project #: 07-25-306A			
	Client: ECIDA	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Contractor: DEMCO			
	Date Started: 611	8108		Elevation:			
	Date Completed: 6		Pit max. depth:				
Geologist:	Nicole Motto	110100	Operator:	John			
Pit Number	10 water observed.						
Pit Number: PF-2 Approx. water table depth: W WOHE ODSTVED. DESCRIPTION							
DEPTH	Soil Unit						
-0-	concrete	concrete wi	whe me	Sh.			
-2-	foundry samel.	31.5" black	angular s	Boug 12000 Broner			
-4- - -6-							
-8-							
-10-							
-12-							

-14-							
-16-							
General:							
Analytica	I Samples: Sampled of V	'-Z' for Ba, Cr	•				
Comment	ts:						
PID- Bac	PID-Background Reading						

1			TEST PIT LOGS					
	Project: Spaulding Fi	bre	Project #: 07-25-306A					
	Client; ECIDA	<u> </u>	Contractor: DEMCO					
	Date Started: 618	308	Elevation:					
	Date Completed: 6		Pit max. depth:					
Geologist:								
Pit Number: BF-3 Approx. water table depth: 10 water opened.								
		DESC	CRIPTION					
DEPTH	Soil Unit	,						
-0-	ancrete.	ì	norete w/wire mesh.					
_		Diach (angular somal trace graves					
-2-	foundry sond.		9-3-3					
	, secret y sains.							
-4-								
	Regise	18.94	compact clay wisome sitt					
6	V Keeces							
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4.0	•							
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General:								
	333	W = : 6						
Analytical	Samples: Sampled as	11-5. 402	60, Cr.					
Comment	S:							
PID-Bacl	kground Reading							

11		TEST 1	PIT LOGS
11	Project: Spaulding	Fibre	Project #: 07-25-306A
	Client: ECIDA		Contractor: DEMCO
	a *	Elevation:	
	Date Completed: (<u>18.08</u> 2.18.08	Pit max. depth:
Geologist:	<u> </u>		erator: John
it Numbe		Approx. water table	depth: water found at ~40"
<u>.</u>	100, .	DESCRIPTION	
DEPTH	Soil Unit		
-0-	Corciete.	concrete w	(whe mesh,
-2-	foundry samd.	ļ	singular sound will some gravel
_	native.	readish i	sour sitty olay at 4311
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-10-			
General:]	
Analytica	1 Samples: Sample 04	0'-2' for Ba, Cr	•
Comment	is:		
PID– Bac	kground Reading		
	0-		

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41		TEST	F PIT LOGS							
	Project: Spaulding I	Fibre	Project #: 07-25	-306A						
n I J. I	Client: ECIDA	•	Contractor: D	ЕМСО						
		18.08	Elevation:	Elevation:						
	Date Completed: (Pit max. depth:							
Geologist:			Operator: John							
	er: ලල-ට.	Approx. water tabl	Approx. water table depth: water found as 43"							
		DESCRIPTIO								
DEPTH	Soil Unit									
-0-	Concrete	<i>CONCLETE (1)</i>	wire mesh.							
=	foondry sand.	42.5" black a	ngolar sand trace gr	avel						
-2-										
	ļ			WATER SEEPING						
_4-		SILTY CLAY	AT 4911	14 4 421						
	<u> </u>									
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General:										
Analytica	I Samples: Sampled as-	1'-2' for Ba, Cr.								
James			and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t							
Comment										
PID-Bac	kground Reading									

LiR	o Ei	ngi	nee	rs, I	nc.								BORING NO.	BH-	١
PROJEC	T		Spauldi	ng Fibre	ERP - Sup	plemer	ıtal						SHEET:		
CLIENT			ECIDA										JOB NO:		
BORING	CONTR	ACT0	R	Buf	falo Drillin	g					1		BORING LOCATION:		
	DWATER						_	CAS.		PLER	CORE	TUBE	GROUND ELEVATION	:	7/21/2000
DATE	TIME		LEVEL		TYPE	TYI			splits	poon			DATE STARTED:		7/31/2008 7/31/2008
			,	<u> </u>		DIA			2"				DATE FINISHED: DRILLER:	lot	f Hubert
	<u> </u>			<u> </u>		WI			jackh	amme	r		GEOLOGIST:		eve Frank
	ļ		•	 		FAI		OCKET	DENE	TDOM	TTED D	EADING	REVIEWED BY:	- 01	We Hank
	<u> </u>	ليسا		SAMPLE		 _		OCIGI	E ENT	INOM		RIPTION	RETER HED DIT		
DEDELL	PTD ATTA	-			PECOLERY	-	- 0	ONSISTEN	CY			MATER	IAL	CLASS	REMARKS
DEPTH	STRATA	N0,	TYPE	BLOWS PER 6"	RECOVERY ROD %	COLOR		HARDNES	- 1			DESCRIP		uscs	PID moisture
10 15 20 25 30 35			55		9590	Daek Gray				CL	EARTI AY L) FL HEN B REWO RACE	T.S'BELOW GOR BOTTOM RUED), SOME GRAVEL BORING		OPPM VMOISE
СОМІ	MENTS	:	Sp <i>S</i> ₽	lit spoor	n driven us らっと	sing pr رير	nuer 5 -	matic ja 9.5 /	ackha Ce (d:	mmei lov	to M	riv Flo	ers for Cd, s	En	
PROJ	ECT NO	O. :				****				<u>-</u>	BORI	NG NO.	: <u>BH-1</u>	, , , , , , , , , , , , , , , , , , , 	

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/1 1		TEST PIT L	ogs			
	Project: Spaulding Fibr	re	Project #: 07-25-306A			
	Client: ECIDA		Contractor: DEMCO			
		<u>00.05</u>	Elevation:			
		· 80·08 ·	Pit max. depth:			
Geologist:	Nicole Motto	Operator:	John			
Pit Number:	BI-I	Approx. water table depth:	water at ~5'			
		DESCRIPTION				
DEPTH	Soil Unit					
-0-	Over	concrete us wirem	<i>esh</i> .			
- -2- - -4-	Fill	black angulor son	nd / fine-medium sovojeverz			
-6- -8-						
-10- -12-						
- -14- -						
-16-						
General:						
Analytical S	amples: Banyoled at 3	1-5' For (1d, 73(1).				
Comments:						
PID-Backgi	round Reading					

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CLIENT BORING CO. GROUNDWA DATE TIM DEPTH STR. 5	ATER ME	LEVEL		ER RECOVERY ROD %	TYP DIA. WT. FAL	L	splitspoo 2" jackham r PENETR	OMETER R DESC	CRIPTION MATER DESCRIP CIRETE	TION	: Je	ff Hubert eve Frani	7/31/20 7/31/20
GROUNDWA DATE TIN	ATER ME	TYPE	SAMPLE BLOWS FI	TYPE ER RECOVERY ROD%	TYP DIA. WT. FAL	L * POCKE	splitspoo 2" jackham r PENETR	OMETER R DESC	EADING RIPTION MATER DESCRIP	GROUND ELEVATION DATE STARTED; DATE FINISHED; DRILLER; GEOLOGIST; REVIEWED BY; IAL	Je St	ff Hubert eve Frant	7/31/2 7/31/2 K
DATE TIME TO THE STR.	ATA	ТУРЕ	BLOWS PI	ER RECOVERY ROD%	DIA. WT. FAL	L * POCKE	splitspoo 2" jackham r PENETR	OMETER R DESC	EADING RIPTION MATER DESCRIP	DATE STARTED; DATE FINISHED; DRILLER; GEOLOGIST; REVIEWED BY:	Je St	ff Hubert eve Frant	7/31/2 K ARKS
DEPTH STR.	ATA	ТУРЕ	BLOWS PI	ER RECOVERY ROD%	DIA. WT. FAL	* POCKE	jackham F PENETR	OMETER R DESC	CRIPTION MATER DESCRIP CIRETE	DATE FINISHED: DRILLER; GEOLOGIST: REVIEWED BY: IAL IION	St. CLASS	ff Hubert eve Frant	7/31/2 K ARKS
5	ATA NO.	<u> </u>	BLOWS PI	ER RECOVERY ROD %	FAL COLOR	* POCKE	jackham T PENETR	OMETER R DESC	CRIPTION MATER DESCRIP CIRETE	DRILLER: GEOLOGIST: REVIEWED BY: IAL	St. CLASS	ff Hubert eve Franl REM	K ARKS
5	ATA NO.	<u> </u>	BLOWS PI	ER RECOVERY ROD %	COLOR	* POCKE	T PENETR	OMETER R DESC	CRIPTION MATER DESCRIP CIRETE	GEOLOGIST: REVIEWED BY: IAL IION	St. CLASS	eve Frani REM	ARKS
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5	ATA NO.	<u> </u>	BLOWS PI	ER RECOVERY ROD %			ss	411 CON	MATER DESCRIP LRETE	TION			
5	ATA NO.	<u> </u>	6"	ROD %			ss	4" cop	DESCRIP CRETE	TION			
	1	<u> </u>	- 14	<u> </u>		HARDNE		4" con	CRETE		USCS	PID .	
	1	55	RA H	75%	BRN		51	4" CON	CRETE				awis
-	1	55		75%	BRN		151						
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TEST PIT LOGS Project: Spaulding Fibre Project#: 07-25-306A Client: ECIDA Contractor: DEMCO 6.18.08 Date Started: Elevation: Date Completed: 6.18.08 Pit max. depth: Geologist: Nicole Motto Operator: John Approx. water table depth: 10 water orserved Pit Number: DESCRIPTION DEPTH Soil Unit concrete whereor. SHEDOOD . -0-DIACK foundry sound will few stones. Roundry sand. -2-OF 33" reldish Brown silly clay. *Dative* -16-General: Analytical Samples: NO Samples taken. omments: PID-Background Reading

ATTACHMENT 2 Data Usability Summary Report

This Data Usability Summary Report (DUSR) has been prepared by JMD Environmental, Inc. of Grand Island, New York following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation Draft DER-10 Technical Guidance for Site Investigation and Remediaton, dated December 2002, Appendix 2B. The report presents the findings of the data quality assessment performed on the analyses of environmental samples collected for the Site Investigation and Remedial Alternatives Report (SI/RAR) for the Spaulding Fibre Site (Site) in Tonawanda, New York. Samples for the sampling program were collected on June 24, 2008. The chemical data for samples collected were validated to identify potential data quality issues which could affect the use of the data for decision making purposes.

SAMPLING AND ANALYSIS PROGRAM

A total of 6 evaluated soil samples as well as associated quality control samples were collected for chemical analysis during this sampling event. Chemtech Laboratories, Inc. of Mountainside, NJ (New York State Lab ID Code 11376) performed the chemical analyses for Semivolatile Organic Compounds (SVOCs) following United States Environmental Protection Agency (USEPA) method guidelines: EPA SW 846 8270, Semivolatile Organic Compounds by Gas Chromatography / Mass Spectrometry, January 1998.

The samples that were part of this evaluation are presented in the table below:

Sample ID	Sample Date / Time	Received Date
A1-1-3	6/24/2008 8:00	6/25/2008 11:30
A1-0-1	6/24/2008 8:00	6/25/2008 11:30
A2-0-1	6/24/2008 8:00	6/25/2008 11:30
A2-1-3	6/24/2008 8:00	6/25/2008 11:30
A3-0-1	6/24/2008 8:00	6/25/2008 11:30
A3-1-3	6/24/2008 8:00	6/25/2008 11:30

NYSDEC ASP data deliverables packages and compliance with ASP QA/QC criteria were also required as part of this investigational data.

A complete level IV data validation was performed on all six OU7 Supplemental SI soil samples following the guidelines of the New York State Department of Environmental Conservation Division of Solid & Hazardous Materials Technical Administrative Guidance Memorandum (TAGM) SW-96-09 (effective date: 5/3/2001)The validation included: a review of holding times and completeness of all required deliverables; a review of quality control (QC) results (blanks, instrument tunings, calibration standards, duplicate analyses, and laboratory control sample recoveries) to determine if the data are within the protocol-required limits and specifications; a determination that all samples were analyzed using established and agreed upon analytical protocols; an evaluation of the raw data to confirm the results provided in the data summary sheets; and a review of laboratory data qualifiers.

Data for organics SVOCs were validated following USEPA Region II Standard Operating Procedures SOP No. HW-22, Revision 3, Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (October 2006).

Additionally, NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation1 was used in the validation, where applicable to the respective USEPA SW846 methods as described above. In general, chemical results for the samples collected at the site were qualified on the basis of outlying precision or accuracy parameters, or on the basis of professional judgment when required. The following definitions provide brief explanations of the qualifiers which may have been assigned to data during the data validation process.

J	Analyte is present; however, the reported value may not be accurate or precise.
UJ	The analyte was not detected above the method detection limit. The associated
03	detection limit is considered estimated.
П	The analyte was analyzed for, but was not detected above the method detection
U	limit.

SUMMARY

The following is a summary of the findings:

- For all the samples the holding times were met
- Initial 5 point calibrations were performed and were acceptable
- Continuing calibration were performed at the required frequency and produced acceptable result except for, the CCC for 7/4/08 at 5:04 AM for Benzo(g,h,i)perylene yielded a %D of 20.6%.
- GC sample retention times were within QC quidelines
- Blank analysis showed no laboratory Contamination
- Blank spike analysis yield acceptable results, except for 7/3/08 at 4:11 PM the sample yielded a low recovery of Naphthalene of 54%, where the QC limit was 57%.
- Surrogate recoveries for all samples were within QC guidelines
- Internal Standard area percents were within QC guidelines
- Matrix Spike and Matrix Spike Duplicates had numerous high recoveries for Pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene and Benzo(a)pyrene. Low recoveries were noted for Indeno(1,2,3-cd)pyrene.

Based on the results of the data validation, the analytical data for samples collected as part of the Spaulding Fiber Site Investigation were determined to be acceptable (including estimated [J/UJ] data) for their intended use. In general, data collected met acceptable levels of accuracy and precision, based on Laboratory Control Samples, Matrix Spike and Matrix Spike Duplicate samples, field duplicate samples, laboratory surrogate recoveries, and calibration data. In addition, the data completeness goal (i.e. the ratio of the amount of valid data obtained to the amount expected, including estimated data) was >97%, which exceeds the laboratory goal of 90%.

The data evaluation associated with this sampling event was performed by Paul Chopra. Mr. Chopra has a Bachelors of Science degree in Biology from The Citadel, The Military College of South Carolina, Charleston, South Carolina. Mr. Chopra has sixteen years experience as an environmental laboratory professional, including serving as a laboratory director for six years, laboratory and quality control manager for seven years and laboratory analyst for 3 years.

Data Evaluation Spaulding Fiber, Tonawanda, NY

			Origina	l Result	New	Result			
Sample ID	Parameter	Analysis Date	Qualifier	Result	Qualifier	New Result	Reason for Change		
A1-1-3	Naphthalene	7/3/2008	U	9.8	UJ	No Change	LCS Recovery Low		
A1-1-3	Acenaphthylene	7/3/2008	U	6.0	U	No Change	-		
A1-1-3	Acenaphthene	7/3/2008	U	8.8	U	No Change			
A1-1-3	Fluorene	7/3/2008	U	11	U	No Change			
A1-1-3	Phenanthrene	7/3/2008	U	13	U	No Change			
A1-1-3	Anthracene	7/3/2008	U	14	U	No Change			
A1-1-3	Fluoranthene	7/3/2008	U	9.9	U	No Change			
A1-1-3	Pyrene	7/3/2008	U	8.9	UJ	No Change	MS & MSD Recovery High		
A1-1-3	Benzo(a)anthracene	7/3/2008	U	9.8	UJ	No Change	MS & MSD Recovery High		
A1-1-3	Chrysene	7/3/2008	U	7.6	U	No Change	, ,		
A1-1-3	Benzo(b)fluoranthene	7/3/2008	U	29	UJ	No Change	MS & MSD Recovery High		
A1-1-3	Benzo(k)fluoranthene	7/3/2008	U	19	UJ	No Change	MS Recovery High		
A1-1-3	Benzo(a)pyrene	7/3/2008	U	12	UJ	No Change	MS Recovery High		
A1-1-3	Indeno(1,2,3-cd)pyrene	7/3/2008	U	10	UJ	No Change	MS & MSD Recovery Low		
A1-1-3	Dibenz(a,h)anthracene	7/3/2008	U	30	U	No Change	,		
A1-1-3	Benzo(g,h,i)perylene	7/3/2008	U	30	U	No Change			
A1-0-1	Naphthalene	7/3/2008	U	10	UJ	No Change	LCS Recovery Low		
A1-0-1	Acenaphthylene	7/3/2008	U	6.1	U	No Change	,		
A1-0-1	Acenaphthene	7/3/2008	U	9.0	U	No Change			
A1-0-1	Fluorene	7/3/2008	U	11	U	No Change			
A1-0-1	Phenanthrene	7/3/2008	U	13	U	No Change			
A1-0-1	Anthracene	7/3/2008	U	14	U	No Change			
A1-0-1	Fluoranthene	7/3/2008	J	53	J	No Change			
A1-0-1	Pyrene	7/3/2008	J	49	J	No Change	MS & MSD Recovery High		
A1-0-1	Benzo(a)anthracene	7/3/2008	U	10	UJ	No Change	MS & MSD Recovery High		
A1-0-1	Chrysene	7/3/2008	U	7.8	U	No Change	, ,		
A1-0-1	Benzo(b)fluoranthene	7/3/2008	J	44	J	No Change	MS & MSD Recovery High		
A1-0-1	Benzo(k)fluoranthene	7/3/2008	U	19	UJ	No Change	MS Recovery High		
A1-0-1	Benzo(a)pyrene	7/3/2008	U	12	UJ	No Change	MS Recovery High		
A1-0-1	Indeno(1,2,3-cd)pyrene	7/3/2008	U	11	UJ	No Change	MS & MSD Recovery Low		

			Original	l Result	New	Result		
Sample ID	Parameter	Analysis Date	Qualifier	Result	Qualifier	New Result	Reason for Change	
A1-0-1	Dibenz(a,h)anthracene	7/3/2008	U	31	U	No Change	•	
A1-0-1	Benzo(g,h,i)perylene	7/3/2008	U	30	U	No Change		
A2-0-1	Naphthalene	7/3/2008	U	9.8	UJ	No Change	LCS Recovery Low	
A2-0-1	Acenaphthylene	7/3/2008	U	6.0	U	No Change		
A2-0-1	Acenaphthene	7/3/2008	U	8.8	U	No Change		
A2-0-1	Fluorene	7/3/2008	U	11	U	No Change		
A2-0-1	Phenanthrene	7/3/2008	U	13	U	No Change		
A2-0-1	Anthracene	7/3/2008	U	14	U	No Change		
A2-0-1	Fluoranthene	7/3/2008	U	9.9	U	No Change		
A2-0-1	Pyrene	7/3/2008	U	8.9	UJ	No Change	MS & MSD Recovery High	
A2-0-1	Benzo(a)anthracene	7/3/2008	U	9.8	UJ	No Change	MS & MSD Recovery High	
A2-0-1	Chrysene	7/3/2008	U	7.6	U	No Change		
A2-0-1	Benzo(b)fluoranthene	7/3/2008	U	29	UJ	No Change	MS & MSD Recovery High	
A2-0-1	Benzo(k)fluoranthene	7/3/2008	U	19	UJ	No Change	MS Recovery High	
A2-0-1	Benzo(a)pyrene	7/3/2008	U	12	UJ	No Change	MS Recovery High	
A2-0-1	Indeno(1,2,3-cd)pyrene	7/3/2008	U	10	UJ	No Change	MS & MSD Recovery Low	
A2-0-1	Dibenz(a,h)anthracene	7/3/2008	U	30	U	No Change		
A2-0-1	Benzo(g,h,i)perylene	7/3/2008	U	30	U	No Change		
A2-1-3	Naphthalene	7/4/2008	U	10	UJ	No Change	LCS Recovery Low	
A2-1-3	Acenaphthylene	7/4/2008	U	6.1	U	No Change		
A2-1-3	Acenaphthene	7/4/2008	U	9.0	U	No Change		
A2-1-3	Fluorene	7/4/2008	U	11	U	No Change		
A2-1-3	Phenanthrene	7/4/2008	U	13	U	No Change		
A2-1-3	Anthracene	7/4/2008	U	14	U	No Change		
A2-1-3	Fluoranthene	7/4/2008	U	10	U	No Change		
A2-1-3	Pyrene	7/4/2008	U	9.1	UJ	No Change	MS & MSD Recovery High	
A2-1-3	Benzo(a)anthracene	7/4/2008	U	10	UJ	No Change	MS & MSD Recovery High	
A2-1-3	Chrysene	7/4/2008	U	7.8	U	No Change	3 0	
A2-1-3	Benzo(b)fluoranthene	7/4/2008	U	30	UJ	No Change	MS & MSD Recovery High	
A2-1-3	Benzo(k)fluoranthene	7/4/2008	U	19	UJ	No Change	MS Recovery High	
A2-1-3	Benzo(a)pyrene	7/4/2008	U	12	UJ	No Change	MS Recovery High	
A2-1-3	Indeno(1,2,3-cd)pyrene	7/4/2008	U	11	UJ	No Change	MS & MSD Recovery Low	
A2-1-3	Dibenz(a,h)anthracene	7/4/2008	U	31	U	No Change	ý	
A2-1-3	Benzo(g,h,i)perylene	7/4/2008	U	30	UJ	No Change	Cont Calib Failed	

			Original	l Result	New	Result	
Sample ID	Parameter	Analysis Date	Qualifier	Result	Qualifier	New Result	Reason for Change
A3-0-1	Naphthalene	7/9/2008	U	9.8	UJ	No Change	LCS Recovery Low
A3-0-1	Acenaphthylene	7/9/2008	U	6.0	U	No Change	-
A3-0-1	Acenaphthene	7/9/2008	U	8.8	U	No Change	
A3-0-1	Fluorene	7/9/2008	U	11	U	No Change	
A3-0-1	Phenanthrene	7/9/2008	U	13	U	No Change	
A3-0-1	Anthracene	7/9/2008	U	14	U	No Change	
A3-0-1	Fluoranthene	7/9/2008	J	47	J	No Change	
A3-0-1	Pyrene	7/9/2008	J	44	J	No Change	MS & MSD Recovery High
A3-0-1	Benzo(a)anthracene	7/9/2008	U	9.8	UJ	No Change	MS & MSD Recovery High
A3-0-1	Chrysene	7/9/2008	U	7.6	U	No Change	
A3-0-1	Benzo(b)fluoranthene	7/9/2008	U	29	UJ	No Change	MS & MSD Recovery High
A3-0-1	Benzo(k)fluoranthene	7/9/2008	U	19	UJ	No Change	MS Recovery High
A3-0-1	Benzo(a)pyrene	7/9/2008	U	12	UJ	No Change	MS Recovery High
A3-0-1	Indeno(1,2,3-cd)pyrene	7/9/2008	U	10	UJ	No Change	MS & MSD Recovery Low
A3-0-1	Dibenz(a,h)anthracene	7/9/2008	U	30	U	No Change	-
A3-0-1	Benzo(g,h,i)perylene	7/9/2008	U	30	U	No Change	
A3-1-3	Naphthalene	7/4/2008	U	9.4	UJ	No Change	LCS Recovery Low
A3-1-3	Acenaphthylene	7/4/2008	U	5.7	U	No Change	-
A3-1-3	Acenaphthene	7/4/2008	U	8.4	U	No Change	
A3-1-3	Fluorene	7/4/2008	U	10	U	No Change	
A3-1-3	Phenanthrene	7/4/2008	U	12	U	No Change	
A3-1-3	Anthracene	7/4/2008	U	13	U	No Change	
A3-1-3	Fluoranthene	7/4/2008	J	9.4	J	No Change	
A3-1-3	Pyrene	7/4/2008	J	8.5	J	No Change	MS & MSD Recovery High
A3-1-3	Benzo(a)anthracene	7/4/2008	U	9.3	UJ	No Change	MS & MSD Recovery High
A3-1-3	Chrysene	7/4/2008	U	7.2	U	No Change	
A3-1-3	Benzo(b)fluoranthene	7/4/2008	U	28	UJ	No Change	MS & MSD Recovery High
A3-1-3	Benzo(k)fluoranthene	7/4/2008	U	18	UJ	No Change	MS Recovery High
A3-1-3	Benzo(a)pyrene	7/4/2008	U	11	UJ	No Change	MS Recovery High
A3-1-3	Indeno(1,2,3-cd)pyrene	7/4/2008	U	9.8	UJ	No Change	MS & MSD Recovery Low
A3-1-3	Dibenz(a,h)anthracene	7/4/2008	U	28	U	No Change	-
A3-1-3	Benzo(g,h,i)perylene	7/4/2008	U	28	UJ	No Change	Cont Calib Failed