Independent Remedial Action Report
Addendum
Lot 2, Custom-Bilt Metals
233 D Street
Auburn, Washington

October 2002

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SHANNON & WILSON, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

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EXECUTIVE SUMMARY

An extensive remedial effort was conducted on Lot 2 of the Custom-Bilt Metals property in 2001 and early 2002. Approximately one-third of this lot was excavated to depths ranging from approximately one to five feet deep to remove surface and near-surface soils contaminated with elevated concentrations of petroleum hydrocarbons, PAHs, lead, and cadmium. An intact 2,000-gallon UST was also removed and the surrounding soils remediated.

Extensive confirmatory soil sampling and analysis, in combination with olfactory and visual evidence, were used to establish clean boundaries to all of the site excavations. The excavated soils were stockpiled and analyzed for appropriate disposal. Those soils that exceeded MTCA Method A cleanup levels were transported offsite to a permitted treatment facility; those soils that did not exceed MTCA cleanup levels were either used as site fill or disposed of appropriately if they were not suitable as fill.

Based on the detailed confirmatory sampling and photodocumentation of the remedial work, soil contamination at concentrations above the MTCA Method A cleanup levels appears to have been completely remediated on this parcel. Groundwater sampling from three monitoring wells and seepage water collected from several test pits indicates that the groundwater quality under the site does not appear to have been affected by the overlying soil contamination.

Based on these finding, it is our opinion that Lot 2 poses no risk to human health or the environment and it would be appropriate for the Washington Department of Ecology to issue a No Further Action letter allowing for unrestricted land use of Lot 2.

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INDEPENDENT REMEDIAL ACTION REPORT ADDENDUM LOT 2, CUSTOM-BILT METALS 233 D STREET, AUBURN, WASHINGTON

1.0 PURPOSE AND SCOPE

This report summarizes the site investigation and remediation work that has been accomplished on Lot 2 of the Custom-Bilt Metals facility at 233 D Street, Auburn, Washington. The purpose of this summary is to consolidate the documentation of the investigative and remedial work performed on Lot 2 in order to a) demonstrate that this parcel has been fully remediated, and b) request a No Further Action letter from the Washington Department of Ecology (Ecology) based on the adequacy of the remediation.

This report consists of a compilation of information derived from three previous reports that were prepared by Enco Environmental Corporation (Enco) for the property owner, TPD Auburn Partnership of Auburn (TPD):

- The initial site exploration program that detected contamination, entitled "Subsurface Phase II Environmental Site Assessment, Custom-Bilt Metals" dated August 15, 2001.
- The voluntary cleanup report submitted to Ecology documenting the site remediation, entitled "Soil Remediation by Removal, Custom-Bilt Metals" dated February 14, 2002.
- A follow-up report, also entitled "Soil Remediation by Removal, Custom-Bilt Metals" dated July 2002, which included a detailed excavation map and sample location map, a tabulation of pre-and post- remediation sampling, photographs taken before and after remediation, and field documentation and physical descriptions of the soil samples that were collected for chemical analysis.

This report differs from the above documents in that it focuses on the remedial work performed on the southern part of the property, herein referred to as Lot 2. This approach has been taken because Lots 1 and 2 are being sold separately, and because the adequacy of the cleanup on Lot 2 can be demonstrated based on existing data whereas additional explorations and possibly additional remediation may be required to fully clean up soil contamination on Lot 1.

The report describes the investigative and remedial work performed on Lot 2, summarizes the analytical results from both the Phase II investigation and confirmation sampling during the subsequent remediation, and provides a map of sample locations relative to the areas where soil was excavated. As a means of demonstrating the adequacy of the remediation, a comparison table is also provided that identifies

corresponding pre-and post-remediation samples along with a series of pre-and post-remediation site photographs keyed to sample locations.

For the sake of brevity, all of the data generated during the Phase II and subsequent remedial work are not included in this report. The reader is referred to the previous documents for additional information pertaining to field and laboratory methodologies that were employed, the analytical results from stockpile sampling, and the actual analytical laboratory data obtained during the Phase II ESA and site remediation.

2.0 BACKGROUND INFORMATION

The Custom-Bilt Metals property consists of two parcels that occupy a combined area of about 2.7 acres. The northern half of the property is occupied by a large warehouse building and an adjoining asphalt-paved parking lot and gravel pad. This northern parcel is referred to herein as Lot 1. It is separated from Lot 2 by an east-trending chainlink fence that runs across the width of the property. This fence was constructed in 2002 after the remedial work was completed. Lot 2 consists of a gravel pad that is used as a laydown and storage area for Westwater Construction Company. A plat map showing the locations of the two parcels is provided in Appendix C.

An extensive sampling program, conducted in 2001 as part of a Phase II Environmental Site Assessment of the Custom-Bilt Metals facility (Enco, 2001), identified shallow soil contamination in several areas on the property. Relatively widespread heavy oil-range hydrocarbons and polycyclic aromatic hydrocarbons (PAHs) were identified in surface and near-surface soils, as were localized occurrences of gasoline, diesel, lead, and cadmium contamination. Most of the contamination found during the Phase II investigation was found in soils underlying the southern half of the property.

Based on the results of the Phase II work, Ecology was notified of a release and Enco was retained by TPD to conduct a voluntary cleanup action to remediate the site by excavation and off-site disposal of contaminated soils. In April 2002, the Phase II report and the February 2002 remediation report were submitted to Ecology, along with a request for a No Further Action (NFA) letter for the entire property.

The February 2002 remediation report indicated that all contamination encountered by the explorations and excavations had been removed. However, it also indicated that there might be contamination beneath the warehouse building, the adjoining ramp, and possibly the asphalt parking area (all located on Lot 1). That report also mentioned the possibility that contamination may remain beneath active utilities and in a part of the Westwater Construction lot (Lot 2) where heavy metal girders were placed. Based on their review of this report, Ecology issued a NFA letter for the remediated parts of the property, but indicated that additional work would be required to obtain a NFA letter for areas where contamination remained. There was no clear indication in that letter as to which parts of Lot 2 were considered to be possibly contaminated. The NFA

letter from Ecology and a letter from Enco to Ecology that provided clarification to parts of the February 2002 remediation report are included in Appendix C.

In order to determine whether additional remediation was needed on Lot 2, we interviewed Mr. Jonathan Kemp of Enco to clarify where he thought contamination might remain on the property, specifically with regard to the utilities and the metal pylons mentioned in his February 2002 remediation report. Mr. Kemp indicated that the active utilities he referred to are the gas line along the western boundary of Lots 1 and 2, and the water line that runs along the western border of Lot 2 and east-west on Lot 1 immediately north of the chainlink fence (see Figure 1). Based on our interview and review of the Enco reports, it is our opinion that there is no reason to suspect that there is contamination around these pipelines. Although Enco did not explore for contamination beneath these pipelines, the western limit of contamination does not extend as far to the west as either the gas and water lines on Lot 2 or the gas line on Lot 1. Also, the contamination encountered along the trace of the water pipeline on Lot 1 was all situated above the depth of the pipe, which is buried at about 2.5 to 3 feet below ground surface. Based on the field observations and the depth of the contaminated soil that was removed from that part of the property (typically less than 2 feet), it appears unlikely that any contamination is present under the pipeline.

The area of heavy metal girders that Mr. Kemp referred to in the February 2002 remediation report is located in the southeastern corner of Lot 2; it is a rectangular area labeled on Figure 1 as a "metal pilons." In discussing this area with Mr. Kemp, he indicated that the extensive zone of PAH-contaminated soil ended as shown in Figure 1, and that a single sample collected from amongst the pylons was not contaminated. Consequently, it appears that there is no reason to suspect that contamination extends under this area.

3.0 SUMMARY OF SITE INVESTIGATION AND REMEDIATION

This section summarizes the site explorations and remedial work that were performed by Enco during the Phase II Environmental Site Assessment and the subsequent site remediation. All locations of soil, surface water, and groundwater samples collected during the Phase II ESA and site remediation are shown in Figure 1. An enlarged version of this figure (see back cover) has been color coded to allow the reader to readily differentiate between samples where contamination above MTCA Method A cleanup criteria was detected and clean samples that provide confirmation as to the adequacy of the contaminated soil removal.

The analytical results from these efforts are discussed briefly in the following subsections, and are tabulated in Appendix A. These summary tables list the concentrations of all contaminants detected in soil and groundwater during both phases of work. These tables include soil, surface water, and groundwater results from both

parcels; the reader is referred to the appendices of Enco (2001 and 2002a) for stockpile soil sampling results and the analytical results from the chemical laboratory.

Appendix B provides photographs that were taken before and after the remedial work. An index to these photographs, keyed to pre-and post-remediation sample results, is provided to assist the reader in a direct visual and chemical comparison of site conditions before and after the soil remediation was accomplished.

3.1 Phase II Site Investigation

The Subsurface Phase II Environmental Site Assessment was conducted during the summer of 2001 to evaluate the quality of surface soil, subsurface soil, surface water, and shallow groundwater at the site, in anticipation of selling the property. Based on previous site uses and limited prior sampling, these media were sampled and analyzed for petroleum hydrocarbons, volatile organic compounds (VOCs), cadmium, lead, and polycyclic aromatic hydrocarbons (PAHs).

3.1.1 Soil Sampling

A total of 71soil samples were collected from 60 test pits and five borings. Approximately 75 percent of the test pit samples and two of the borings were located on Lot 2. These sampling locations included both biased sampling in areas where there was known or suspected contamination, and grid sampling designed to evaluate the site as a whole. Based on this assessment, Enco concluded that the most contaminated part of the site was in the vicinity of two concrete slabs situated near the center of Lot 2. Soils collected from seven test pits in this area contained petroleum hydrocarbons and/or PAHs that exceeded the applicable Model Toxics Control Act (MTCA) Method A cleanup action levels for unrestricted land use. The locations of these samples, identified as PD-2A, PD-4A, PD-6A, PD-8A, PD-22A, PD-26A and PD-47A, are shown on Figure 1. An enlarged version of Figure 1 (folded) identifies by contaminant type all soil samples that exceeded MTCA Method A criteria.

Based on the test pit explorations and sampling during the Phase II investigation, Enco concluded that most of the contamination underlying the site occurs within a widespread, blue-gray soil layer that ranges from 1 to 2 feet below ground surface (bgs).

3.1.2 Groundwater Sampling

Three shallow groundwater monitoring wells were installed as part of the Phase II work to evaluate the site groundwater quality and to characterize the depth to groundwater and the groundwater gradient. One of these wells (MW-3) was installed on Lot 2, and the other two (MW-1 and MW-2) were installed on Lot 1. Based on water level measurements during the Phase II investigation, groundwater was approximately 7 feet below ground surface (bgs), and had a gentle flow gradient toward the northwest at the time the measurements were taken.

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The three groundwater samples collected from the wells did not exceed MTCA cleanup criteria, although analysis of the sample from MW-1 detected low concentrations of xylenes (2.8 ug/L) and three isomers of dichlorobenzene (from 6.4 to 17 ug/L, respectively). Water samples were also collected from six test pits. Only one of these samples detected contamination; Test Pit PD-20 contained 7,160 ug/L of heavy oil. This elevated concentration appears to have been the result of mixing with contaminated soil in the excavation rather than groundwater contamination because no contamination was detected a short distance downgradient in monitoring well MW-3.

3.2 Site Remediation

Remediation of the Custom-Bilt Metals property was initiated in August 2001, and completed in early January 2002. The remedial work primarily involved excavation, onsite stockpiling, testing, and transporting of contaminated soil to a licensed off-site treatment facility. Stockpiled soils that did not exceed MTCA Method A cleanup criteria were subsequently used as site fill. The major elements of the remedial work are described in the following subsections.

3.2.1 Soil Excavation and Confirmation Sampling

Soil contaminated with heavy oil and/or metals occupied relatively large area in the center and northwestern portions of Lot 2 (see Figure 1). This contamination extended from the ground surface to as deep as about 5 feet, and ranged from 6 inches to 5 feet thick. In contrast, the areas of gasoline and diesel contamination on Lot 2 were relatively small, and situated near the center of the property. Carcinogenic PAHs were the most widespread soil contaminant, occurring in three areas that collectively occupied about a third of Lot 2, and extended into Lot 1. The PAHs were present primarily in a blue-gray soil layer that ranged in depth from 2 inches to 2 feet bgs.

A medium-sized trackhoe, loader and semi-trucks with trailers were used to handle the contaminated soil. Soil was excavated in four- to six-inch lifts. If olfactory evidence, visual appearance, or laboratory test results indicated or confirmed soil contamination, and additional volume was excavated. As the excavation progressed, it became evident that much of the heavily contaminated soil could be identified based on visual and olfactory evidence. This allowed excavation to proceed without extensive iterative sampling to substantiate obvious contamination. Once the obvious contamination was removed, vertically and horizontally aligned soil samples were collected from sidewalls and bottoms of excavations or trenches until laboratory test results reported contamination levels below MTCA Method A cleanup levels.

Laboratory testing performed on the site soils included analyses for petroleum hydrocarbons (gasoline, diesel and heavy oil), PAHs, total lead and cadmium, VOCs, and PCBs. Method detection limits in each case were below the respective MTCA cleanup level. The analyses for a given soil sample were selected based on the following factors:

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- Contaminants typically associated with known or suspected land use practices
- Observed surface and subsurface contamination
- Previous laboratory test results
- Parameters required by the treatment facility for off-site treatment.

A total of 124 soil samples, in addition to the 71 samples collected during the Phase II work, were collected and analyzed to identify contaminated soils and to define clean boundary conditions for the excavation work. Approximately 105 of these samples were collected on Lot 2. Of these, a total of 19 samples collected prior to remediation contained petroleum hydrocarbons, PAHs, lead, and/or cadmium at concentrations above the MTCA Method A cleanup levels (see Figure 1, enlarged). Most of these samples were collected during the Phase II site investigation, primarily from near the center of the parcel. Each of these contaminated samples, their contaminants of concern, and the corresponding post-remediation confirmatory samples are listed in Table 1. This table also provides an index to pre-and post-remediation photographs (see Appendix B) of the contaminated areas.

3.2.2 UST Removal

During excavation of contaminated soil on Lot 2, a 2,000-gallon gasoline UST was uncovered approximately 55 feet northeast of monitoring well MW-3. The tank, which was covered by a concrete slab, contained about 250 gallons of water mixed with weathered gasoline. The contents were pumped out and transported to a permitted off-site disposal facility. Upon removal from the ground, the tank appeared to be in good condition with no corrosion holes observed along the seams, ends, sides, and bottom of the tank. The tank was then cleaned and disposed of in accordance with UST regulations.

Contamination associated with this UST consisted primarily of gasoline and diesel in soils encountered at depths of 2 to 4 feet bgs. No petroleum contamination was detected in a groundwater sample collected from below the bottom of the tank (sample 108A), and only 2 of 12 samples collected from the excavation contained petroleum hydrocarbons above MTCA cleanup levels. Approximately 37 cubic yards of soil were removed from the tank excavation; confirmatory samples from the sidewalls and bottom of the excavation did not exceed cleanup MTCA cleanup criteria.

Geotech Consultants removed a second 1,000-gasoline UST from the site in 1993. According to their tank closure report, groundwater was not encountered when that UST was removed, and petroleum hydrocarbon concentrations in soils did not exceed applicable MTCA Method A cleanup action levels. Also, Enco's soil sampling results in 2001 from the area where this tank was removed (samples 68A and 68B) did not encounter elevated levels of petroleum hydrocarbons, nor did a water sample (16A) collected by Enco from an open excavation about 13 feet northwest (downgradient) of the former UST location.

3.2.3 Soil Stockpiling and Disposal

Soil excavated from the site was placed in temporary "clean" and contaminated soil stockpiles. These stockpiles were designed to protect the health and safety of site workers and surface water quality. The stockpiled soil was placed on and covered by plastic sheeting. The plastic sheeting used to cover the piles were overlapped and anchored down with rocks. The covers were routinely inspected to protect the soil from rainfall and prevent runoff and erosion of the soils. Approximately 811 cubic yards of contaminated soil was eventually transported offsite for treatment, following sampling to confirm the contamination and to characterize the soil for acceptance by the treatment facility. Similarly, the "clean" stockpiles were sampled to confirm that these soils did not exceed MTCA Method A cleanup levels prior to placing this soil on site as fill. Sixty-three soil samples from the stockpiles were collected and analyzed prior to final determination as to whether the soil required off-site transport or could be used on site as fill. The results of this sampling are provided in the February 2002 remediation report.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Information from the Custom-Bilt Metals Phase II ESA and remediation reports, along with additional site documentation provided in a subsequent report prepared by Enco (and extracted for this report) has been evaluated to determine whether the contaminated soil on Lot 2 has been remediated to below the MTCA Method A cleanup levels. Based on our review of extensive confirmatory analytical results, photodocumentation of the remediation, and interviews with Mr. Jonathan Kemp of Enco, it is our opinion that all areas identified on Lot 2 as having soil contamination above MTCA cleanup levels have been fully remediated. Site soils contaminated at concentrations above the MTCA cleanup levels were transported to an off-site treatment facility, and only documented clean soils were used to backfill the excavations.

Site groundwater apparently has not been affected by the overlying soil contamination. Analytical results from three monitoring wells did not detect any significant concentrations of contaminants, nor did seepage water collected from several test pits excavated in the areas of the highest soil contamination. The bottom of the zone of soil contamination was always at least two feet above the water table elevation, and more typically was about 4 to 5 feet above the water table. The contaminated soil was generally separated from the groundwater by an intervening low-permeability soil.

Based on these findings, it is our opinion that Lot 2 no longer poses a risk to human health or the environment, and it would be appropriate for Ecology to issue a new No Further Action letter allowing for unrestricted land use of this parcel. We also believe that Lot 2 should be removed from the LUST database because documentation is now available to demonstrate that contaminant concentrations in the soil and groundwater are below the most MTCA cleanup levels for unrestricted site use.

5.0 REFERENCES

Enco Environmental Corporation, 2001, Subsurface Phase II ESA Report, Custom-Bilt Metals, Auburn WA, report to Mr. Drew Popson, August 14.

Enco Environmental Corporation, 2002a, Soil Remediation by Removal, Custom-Bilt Metals, Auburn WA, Report to Mr. Drew Popson, February 14.

Enco Environmental Corporation, 2002b, Soil Remediation by Removal, Custom-Bilt Metals, Auburn WA, report to Mr. Peter Bueckert, July 16.

Geotech Consultants, Inc., 1993, Closure Report: Underground Storage Tank, 233 D Street Northwest, Auburn WA, October 15.

Table 1
Soil Samples Collected Before and After Remediation

	Before Reme	diation		After Remedi	ation
Skimple Number		Photograph Number	Samele » Number	noikalion Selet	Alpotopiant : Number : t
2A-1.5'	5/15/01	10 (Phase II)	119A-1.75'	9/24/01	10 (Phase III)
4À-1'	5/15/01	11, 12 (Phase II)	28A-1.5'	7/5/01	10 (Phase III)
6A-1'	5/15/01	14 (Phase II)	66A-1.5'	8/31/01	2, 10 (Phase III)
8A-1'	5/15/01	15 (Phase II)	93A-1.5'	9/7/01	21 (Phase III)
20A-2' Water	5/15/01	13, 17 (Phase II)	MW3 - 6'- Water	7/11/01	34 (Phase II)
224.21	5/15/01	16 (Phase II)	75A-3'	8/31/01	21, 22 (Phase III)
22A-2'	5/15/01	25 (Phase II)	119A-1.75'	9/24/01	8, 10 (Phase III)
26A-1.5'	7/6/01	29 (Phase II)	Remediated b		58 (Phase III)
37A-1.5'	7/6/01	28 (Phase II)	Remediated b		57 (Phase III)
41B-3'	7/6/01	6 (Phase II)	42B-3'	7/6/01	22 (Phase III)
44A-1.5'	7/0/01	3, 13 (Phase III)	1250	.,,,,,	
47A-0.17'	7/6/01	22 (Phase II)	47C-3'	7/6/01	20, 26, 27
477(0.17	., 0, 0	5 (Phase III)			(Phase III)
51A-1.5'	7/6/01	38, 39 (Phase III)	158A-2'	11/9/01	42, 52 (Phase III)
			84A-1.25'	9/5/01	
52A-1.5'	7/6/01	23 (Phase II) 38 (Phase III)	164A-2'	11/9/01	42, 52 (Phase III)
62A-4'	8/31/01	15, 17 (Phase III)	Debris in the co		22 (Phase III)
63A-1'	8/31/01	9 (Phase II)	79A-1.5' 68B-3.5'	8/31/01 8/31/01	22 (Phase III)
64A-1.5'	8/31/01	15 (Phase III)	Debris on top o		22 (Phase III)
92A-1.25'	9/7/01	14, 18 (Phase III)	93A-1.5'	9/7/01	21, 26, 27 (Phase III)
95A-4'	9/7/01	32, 34 (Phase III)	103A-10'	9/14/01	35, 36 (Phase III)
100A-3'	9/7/01	31, 32, 34 (Phase III)	104A-10'	9/14/01	35, 36 (Phase III)
114A-0.17'	9/24/01	6 (Phase II) 13 (Phase III)	44B-3'	7/6/01	22 (Phase III)
120A-1'	9/24/01	4 (Phase III)	75A-3'	8/31/01	21, 22 (Phase III)
123A-1.5'	9/24/01	14 (Phase III)	Sediment (1/2		20 (Phase III)
123A-1.5	9/24/01	14 (1 11850 111)	inch clay pipe was disposed		
126A-1.25'	9/24/01	5 (Phase III)	89A-2'	9/5/01	26, 27 (Phase III)
133A-1.5'	9/24/01	8 (Phase II) 4 (Phase III)	42A-2'	7/6/01	10 (Phase III)
153A-1.25'	11/8/01	38 (Phase III)	153B-3'	11/8/01	42, 52 (Phase III)
154A-1.25'	11/9/01	20 (Phase II)	154B-3'	11/9/01	50, 51 (Phase III)
165A-2'	11/9/01	38, 40 (Phase III)	149B-3' 150B-3'	11/8/01 11/8/01	42 (Phase III)
177A-Water	11/9/01	51 (Phase III)	178A-Water	11/9/01	51, 53 (Phase III)

APPENDIX A

SUMMARY OF ANALYTICAL RESULTS

Phase II Analytical Results (from Enco, 2001)

Test Results on Soil Samples in Excavations

Test Results on Soil Samples from Monitoring Wells

Test Results on Soil Samples from Auger Holes

Test Results on Groundwater Samples in Excavations

Test Results on Groundwater Samples from Monitoring Wells

Phase III Analytical Results (from Enco, 2002a)

Test Results on Soil Samples

Test Results on Water Samples

E2JK-POPPSDREW-2

	FIELI	D AND LABO	RATORY 1	EST RESULT	ΓS	
SAMPLE NUMBER	PD-1A-1- SO-12"	PAZMATE GOZIES	PD-3A-1- SO-12"	113 - AGE S(07) 25	PD-5A-1- SO-12"	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
PHOTOGRAPH#		#10		#11, 12	#13	(mg/Kg)
PID READING (PPM)	ND < 1	25.0		1	ND < 1	
ARSENIC (TOTAL)		ND < 5		ND < 5		20.0
CADMIUM (TOTAL)		ND < 1		1.6		2.0
CHROMIUM III (TOTAL)		ND < 20		ND < 20	· · · · · · · · · · · · · · · · · · ·	2,000
LEAD (TOTAL)	<u> </u>	250		560		250
MERCURY (TÓTAL)		ND < 0.5		ND < 0.5		2.0
DIESEL	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	2,000
HEAVY OIL	ND < 40	5,700	ND < 40	1,300	320	2,000
PAHs- CARCINOGENIC:						
BENZO(A)ANTHRACENE		31		110		
BENZO(A)PYRENE		35		32		0.10
BENZO(B+K) FLUORANTHENE		23		60		
INDENO(1,2,3-CD)PYRENE				24		
CHRYSENE DIBENZO(A,H) ANTHRACENE						
SUM OF CARCINOGENIC PAHS:		89	-	226		0.10
PAHs- NONCARCINOGENIC:						
ACENAPHTHYLENE				1.0		
ANTHRACENE		2.6		11.8		
BENZO(GHI)PERYLENE		12		38		
FLUORANTHENE				2.6		
FLUORENE						
PHENANTHRENE				9.4		
ACENAPHTHENE						
NAPHTHALENE						
PYRENE						
VOCs:						
1,2,4-TRICHLOROBENZENE		0.68				
1,2,4-TRIMETHYLBENZENE		<u> </u>		ļļ		
1,3,5-TRIMETHYLBENZENE		0.12				
ETHYLBENZENE						6.0
ISOPROPYLTOLUENE						
TERT-BUTYLBENZENE		0.094				
NAPHTHALENES				0.29		5.0
N-PROPYLBENZENE		0.13				
SEC-BUTYLBENZENE						
TOLUENE			· · · · · · · · · · · · · · · · · · ·			7.0
XYLENES		<u> </u>				9.0
CHLOROBENZENE						
TRICHLOROETHENE						0.03
M - DICHLOROBENZENE						
P - DICHLOROBENZENE						
O – DICHLOROBENZENE						

FIELD AND LABORATORY TEST RESULTS							
SAMPLE NUMBER	원학교(점원 영화전	PD-7A-1- SO-12"	ED49A-1- 0 S(0-127 5/18/0025	PD-9A-1- SO-18"	PD-10A-1- SO-1.5'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE	
PHOTOGRAPH#	#14		#15			(mg/Kg)	
PID READING (PPM)	556			ND < 1	ND < 1		
ARSENIC (TOTAL)	ND < 5	ND < 5	ND < 5			20.0	
CADMIUM (TOTAL)	11.	1.5	3.3			2.0	
CHROMIUM III (TOTAL)	39	ND < 20	ND < 20			2,000	
LEAD (TOTAL)	880	51	840			250	
MERCURY (TOTAL)	ND < 0.5	ND < 0.5	ND < 0.5			2.0	
DIESEL	ND < 20	ND < 20	ND < 20	ND < 20	55	2,000	
HEAVY OIL	15,400	ND < 40	ND < 40	ND < 40	ND < 40	2,000	
PAHs- CARCINOGENIC:		110					
BENZO(A)ANTHRACENE	2.2						
BENZO(A)PYRENE	22		0.15		<u> </u>	0.10	
BENZO(B+K) FLUORANTHENE							
INDENO(1,2,3-CD)PYRENE							
CHRYSENE							
DIBENZO(A,H) ANTHRACENE SUM OF CARCINOGENIC	24.9	7 - 175 - 175	0.15			0.10	
PAHS: PAHS-	24.2		0.13				
NONCARCINOGENIC:							
ANTHRACENE	0.9						
BENZO(GHI)PERYLENE	9.9						
FLUORANTHENE	3.9						
FLUORENE	0.49						
PHENANTHRENE	0.43						
ACENAPHTHENE	0.07						
NAPHTHALENE							
PYRENE							
VOCs:							
1,2,4-TRICHLOROBENZENE							
1,2,4-TRIMETHYLBENZENE	3.1						
1,3,5-TRIMETHYLBENZENE	1.7				<u> </u>		
ETHYLBENZENE	0.84					6.0	
ISOPROPYLTOLUENE	0.46						
TERT-BUTYLBENZENE							
NAPHTHALENES	0.84					5.0	
N-PROPYLBENZENE	0.55			* * * * * * * * * * * * * * * * * * * *			
SEC-BUTYLBENZENE	0.32						
TOLUENE	3.9					7.0	
XYLENES	4.8					9.0	
CHLOROBENZENE							
TRICHLOROETHENE						0.03	
M - DICHLOROBENZENE		V					
P - DICHLOROBENZENE							
O – DICHLOROBENZENE	,						

FIELD AND LABORATORY TEST RESULTS							
SAMPLE NUMBER	PD-11A-1- SO-12"	PD-12A-1- SO-12"	PD-13A-1- SO-12"	PD-14A-1- SO-12"	PD-15A-1- SO-1.5'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE	
PHOTOGRAPH#			#19			(mg/Kg)	
PID READING (PPM)	ND < 1	ND < 1	ND < 1	<u> </u>	ND < 1		
ARSENIC (TOTAL)				ND < 5		20.0	
CADMIUM (TOTAL)				ND < 1		2.0	
CHROMIUM III (TOTAL)				ND < 20		2,000	
LEAD (TOTAL)				44		250	
MERCURY (TOTAL)				ND < 0.5		2.0	
DIESEL	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	2,000	
HEAVY OIL	ND < 40	ND < 40	460	ND < 40	ND < 40	2,000	
PAHS- CARCINOGENIC: BENZO(A)ANTHRACENE				ND < 0.10	772 - 40		
BENZO(A)PYRENE BENZO(B+K) FLUORANTHENE						0.10	
INDENO(1,2,3-CD)PYRENE CHRYSENE							
DIBENZO(A,H) ANTHRACENE	·						
SUM OF CARCINOGENIC PAHS:						0.10	
PAHs- NONCARCINOGENIC:				ND < 0.10			
ACENAPHTHYLENE					.'	· · · · · · · · · · · · · · · · · · ·	
ANTHRACENE							
BENZO(GHI)PERYLENE			<u> </u>				
FLUORANTHENE							
FLUORENE	****						
PHENANTHRENE							
ACENAPHTHENE	· · · · · · · · · · · · · · · · · · ·						
NAPHTHALENE	•		***************************************				
PYRENE							
VOCs:							
1,2,4-TRICHLOROBENZENE			·				
1,2,4-TRIMETHYLBENZENE							
1,3,5-TRIMETHYLBENZENE							
ETHYLBENZENE						6.0	
ISOPROPYLTOLUENE							
TERT-BUTYLBENZENE							
NAPHTHALENES						5.0	
N-PROPYLBENZENE							
SEC-BUTYLBENZENE						<u> </u>	
TOLUENE						7.0	
XYLENES						9.0	
CHLOROBENZENE	· · · · · · · · · · · · · · · · · · ·						
TRICHLOROETHENE						0.03	
M - DICHLOROBENZENE							
P - DICHLOROBENZENE							
O - DICHLOROBENZENE							

SAMPLE NUMBER	PD-16A-1-	PD-18A-1-	DRATORY T	PD-21A-1-	PD-51C,D,E-	MTCA METHOD A
SAMPLE NUMBER	WA-12" (DITCH WATER)	WA-4' (DITCH WATER)	W.Z	WA-2' (DITCH WATER)	1-WA-4' (DITCH WATER)	CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND
PHOTOGRAPH #						USE (µg/L)
PID READING (PPM)						(µg/L/
			0.0000			5.0
ARSENIC (TOTAL)			0.0063			5.0
CADMIUM (TOTAL) CHROMIUM III (TOTAL)			0.015	<u> </u>		50.0
			0.034	-		15.0
LEAD (TOTAL) MERCURY (TOTAL)			1 0 0050			2.0
DIESEL DIESEL	ND 4 000	NID 4 000	0.0053		ND < 000	2,000.0
HEAVY OIL	ND < 200	ND < 200	ND < 200		ND < 200	2,000.0
PAHs-	ND < 400	ND < 400	7,160		ND < 400	2,000.0
CARCINOGENIC: BENZO(A)ANTHRACENE		:				
BENZO(A)PYRENE						0.10
BENZO(B+K) FLUORANTHENE		:				5.10
INDENO(1,2,3-CD)PYRENE						
CHRYSENE						
DIBENZO(A,H) ANTHRACENE						
SUM OF CARCINOGENIC PAHS:				-		0.10
PAHs- NONCARCINOGENIC:						
ACENAPHTHYLENE						,
ANTHRACENE						
BENZO(GHI)PERYLENE						
FLUORANTHENE						
FLUORENE						
PHENANTHRENE						
ACENAPHTHENE						
NAPHTHALENE						
PYRENE						
VOCs:				ND < 0.05	ND < 0.05	
1,2,4-TRICHLOROBENZENE						
1,2,4-TRIMETHYLBENZENE						
1,3,5-TRIMETHYLBENZENE	******					
ETHYLBENZENE						700
ISOPROPYLTOLUENE						
TERT-BUTYLBENZENE						400
NAPHTHALENES						160
N-PROPYLBENZENE SEC-BUTYLBENZENE						
	*					1,000.0
TOLUENE						1,000.0
XYLENES			-			1,000.0
CHLOROBENZENE TRICHI OROETHENE						
TRICHLOROETHENE			-			
M - DICHLOROBENZENE			ļ			
P - DICHLOROBENZENE						

	FIELD	AND LABO	DRATORY TI	EST RESUL	TS	
SAMPLE NUMBER	PD-17A-1- SO-12"	PD-19A-1- SO-12"	PD-22A-1. - SO-2!	PD-23A-1- SO-1'	PD-24A-1- SO-1.5'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
PHOTOGRAPH#	#20	#21	#16			(mg/Kg)
PID READING (PPM)		ND < 1.0	ND < 1.0		278	
ARSENIC (TOTAL)	ND < 5		ND < 5	ND < 5		20.0
CADMIUM (TOTAL)	ND < 1		1.3	ND < 1		2.0
CHROMIUM III (TOTAL)	ND < 20		ND < 20	ND < 20		2,000
LEAD (TOTAL)	12		52	85		250
MERCURY (TOTAL)	ND < 0.5		ND < 0.5	ND < 0.5		2.0
DIESEL	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	2,000
HEAVY OIL	ND < 40	ND < 40	ND < 40	1,160	ND < 40	2,000
PAHs- CARCINOGENIC:	ND < 0.10	ND < 0.10		ND < 0.10	ND < 0.10	
BENZO(A)ANTHRACENE			31			
BENZO(A)PYRENE			28			0.10
BENZO(B+K) FLUORANTHENE INDENO(1,2,3-CD)PYRENE					***************************************	
CHRYSENE						
DIBENZO(A,H) ANTHRACENE						
SUM OF CARCINOGENIC PAHS:		,	59			0.10
PAHs- NONCARCINOGENIC:	ND < 0.10	ND < 0.10		ND < 0.10	ND < 0.10	
ACENAPHTHYLENE						
ANTHRACENE			3.1			
BENZO(GHI)PERYLENE			11			
FLUORANTHENE						
FLUORENE						
PHENANTHRENE			0.65			
ACENAPHTHENE						
NAPHTHALENE						
PYRENE						
VOCs:			ND < 0.05	ND < 0.05		
1,2,4-TRICHLOROBENZENE						
1,2,4-TRIMETHYLBENZENE	0.18					
1,3,5-TRIMETHYLBENZENE					:	
ETHYLBENZENE						6.0
ISOPROPYLTOLUENE						
TERT-BUTYLBENZENE	0.46	.,				5.0
NAPHTHALENES	0.13					5. U
N-PROPYLBENZENE						
SEC-BUTYLBENZENE TOLUENE						7.0
XYLENES	0.00					9.0
CHLOROBENZENE	0.22					3.0
TRICHLOROETHENE						0.03
M - DICHLOROBENZENE						5.55
P - DICHLOROBENZENE			-			
O - DICHLOROBENZENE						
O - DICHLOROBENZENE						

	FIELD	AND LABO	PRATORY T	EST RESUL	rs	
SAMPLE NUMBER	PD-24B-1- SO-3'	PD-25A-1- SO-1.5'	PD-25B-1- SO-3'	PD-26A-1- SO-1.5	PD-26B-1- SO-3'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
PHOTOGRAPH #				#25		(mg/Kg)
PID READING (PPM)	141	26.8	44.8	75.2	66.2	
ARSENIC (TOTAL)						20.0
CADMIUM (TOTAL)						2.0
CHROMIUM III (TOTAL)						2,000
LEAD (TOTAL)						250
MERCURY (TOTAL)						2.0
DIESEL		ND < 20		430		2,000
HEAVY OIL		ND < 40		18,000		2,000
PAHs- CARCINOGENIC:		ND < 0.10			***************************************	
BENZO(A)ANTHRACENE						
BENZO(A)PYRENE				2.6	·····	0.10
BENZO(B+K) FLUORANTHENE INDENO(1,2,3-CD)PYRENE				4.1		
CHRYSENE					· · · · · · · · · · · · · · · · · · ·	
DIBENZO(A,H) ANTHRACENE SUM OF CARCINOGENIC PAHS:				6.7		0.10
PAHS- NONCARCINOGENIC:		ND < 0.10				
ACENAPHTHYLENE				0.48		
ANTHRACENE		***************************************		1.02		
BENZO(GHI)PERYLENE						
FLUORANTHENE				0.81		
FLUORENE				0.97	·	
PHENANTHRENE				4.83		
ACENAPHTHENE						
NAPHTHALENE						
PYRENE						
VOCs: 1,2,4-TRICHLOROBENZENE						
1,2,4-TRIMETHYLBENZENE						
1,3,5-TRIMETHYLBENZENE						
ETHYLBENZENE						6.0
ISOPROPYLTOLUENE						
TERT-BUTYLBENZENE						
NAPHTHALENES					***************************************	5.0
N-PROPYLBENZENE					**************************************	
SEC-BUTYLBENZENE						
TOLUENE	***************************************			T		7.0
XYLENES						9.0
CHLOROBENZENE						
TRICHLOROETHENE						0.03
M - DICHLOROBENZENE						
P - DICHLOROBENZENE						
O - DICHLOROBENZENE						

E2JK-POPPSDREW-2

	FIELD	AND LABO	PRATORY T	EST RESUL	TS	
SAMPLE NUMBER	PD-27A-1- SO-1.5'	PD-27B-1- SO-3'	PD-28A-1- SO-1.5'	PD-28B-1- SO-3'	PD-29A-1- SO-1.5'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
PHOTOGRAPH#						(mg/Kg)
PID READING (PPM)	64.8	55.5	140	118	114	
ARSENIC (TOTAL)	01.0	00.0			• • • • • • • • • • • • • • • • • • • •	20.0
CADMIUM (TOTAL)						2.0
CHROMIUM III (TOTAL)						2,000
LEAD (TOTAL)						250
MERCURY (TOTAL)			 			2.0
DIESEL	ND < 20		ND < 20		ND < 20	2,000
HEAVY OIL	104		42		ND < 40	2,000
PAHs-	ND < 0.10		ND < 0.10		ND < 0.10	
CARCINOGENIC: BENZO(A)ANTHRACENE	140 < 0.10		140 < 0.10		140 < 0.10	
BENZO(A)PYRENE						0.10
BENZO(B+K) FLUORANTHENE						
INDENO(1,2,3-CD)PYRENE						
CHRYSENE DIBENZO(A,H) ANTHRACENE						
SUM OF CARCINOGENIC PAHS:						0.10
PAHs- NONCARCINOGENIC:	ND < 0.10		ND < 0.10		ND < 0.10	
ACENAPHTHYLENE						
ANTHRACENE						
BENZO(GHI)PERYLENE						
FLUORANTHENE						
FLUORENE						
PHENANTHRENE						
ACENAPHTHENE						
NAPHTHALENE						
PYRENE	······································					
VOCs:						
1,2,4-TRICHLOROBENZENE						
1,2,4-TRIMETHYLBENZENE			·			
1,3,5-TRIMETHYLBENZENE						
ETHYLBENZENE						6.0
ISOPROPYLTOLUENE						
TERT-BUTYLBENZENE						
NAPHTHALENES						5.0
N-PROPYLBENZENE						
SEC-BUTYLBENZENE						
TOLUENE						7.0
XYLENES						9.0
CHLOROBENZENE						
TRICHLOROETHENE						0.03
M - DICHLOROBENZENE						
P - DICHLOROBENZENE						
O - DICHLOROBENZENE				\ <u></u>		

TABLE 3A – TEST RESULTS ON SOIL SAMPLES IN EXCAVATIONS

PHASE II: CUSTOM-BILT METALS, AUBURN, WA E2JK-POPPSDREW-2

	FIELD	AND LABO	DRATORY T	EST RESUL	TS	
SAMPLE NUMBER	PD-29B-1- SO-3'	PD-30A-1- SO-1.5'	PD-30B-1- SO-3'	PD-31A-1- SO-1.5'	PD-31B-1- SO-3'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
PHOTOGRAPH#						(mg/Kg)
PID READING (PPM)	65.6	109	87.1	56.1	38.9	
ARSENIC (TOTAL)						20.0
CADMIUM (TOTAL)						2.0
CHROMIUM III (TOTAL)						2,000
LEAD (TOTAL)			<u> </u>			250
MERCURY (TOTAL)						2.0
DIESEL		ND < 20		ND < 20		2,000
HEAVY OIL		ND < 40		ND < 40		2,000
PAHs-		ND < 0.10		ND < 0.10		-,
CARCINOGENIC:		ND < 0.10		ND < 0.10		M. V. V. T. V. V. T. V.
BENZO(A)ANTHRACENE						646
BENZO(A)PYRENE						0.10
BENZO(B+K) FLUORANTHENE		-				
INDENO(1,2,3-CD)PYRENE	,					
CHRYSENE						
DIBENZO(A,H) ANTHRACENE						
SUM OF CARCINOGENIC PAHS:						0.10
PAHs- NONCARCINOGENIC:		ND < 0.10		ND < 0.10		
ACENAPHTHYLENE					L	
ANTHRACENE	· · · · · · · · · · · · · · · · · · ·					
BENZO(GHI)PERYLENE		,				
FLUORANTHENE						
FLUORENE						
PHENANTHRENE						
ACENAPHTHENE						<u> </u>
NAPHTHALENE						
PYRENE						
VOCs:						
1,2,4-TRICHLOROBENZENE						
1,2,4-TRIMETHYLBENZENE						
1,3,5-TRIMETHYLBENZENE						
ETHYLBENZENE						6.0
ISOPROPYLTOLUENE						J
TERT-BUTYLBENZENE			<u> </u>			
NAPHTHALENES						5.0
N-PROPYLBENZENE						3.0
SEC-BUTYLBENZENE						
TOLUENE						7.0
XYLENES						9.0
			·			9.0
CHLOROBENZENE						
TRICHLOROETHENE						0.03
M - DICHLOROBENZENE						ļ
P - DICHLOROBENZENE						
O - DICHLOROBENZENE						

TABLE 3A - TEST RESULTS ON SOIL SAMPLES IN EXCAVATIONS

PHASE II: CUSTOM-BILT METALS, AUBURN, WA E2JK-POPPSDREW-2

	Control of the control	AND LABO				
SAMPLE NUMBER	PD-32A-1- SO-1.5'	PD-32B-1- SO-3'	PD-33A-1- SO-1.5'	PD-33B-1- SO-3'	PD-34A-1- SO-1.5'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
PHOTOGRAPH#						(mg/Kg)
PID READING (PPM)	18.7	63.5	50.1	32.7	65.0	
ARSENIC (TOTAL)						20.0
CADMIUM (TOTAL)						2.0
CHROMIUM III (TOTAL)						2,000
LEAD (TOTAL)		-				250
MERCURY (TOTAL)						2.0
DIESEL	ND < 20		ND < 20		ND < 20	2,000
HEAVY OIL	ND < 40		540		ND < 40	2,000
PAHS- CARCINOGENIC: BENZO(A)ANTHRACENE	ND < 0.10		ND < 0.10		ND < 0.10	
BENZO(A)PYRENE	×					0.10
BENZO(B+K) FLUORANTHENE INDENO(1,2,3-CD)PYRENE						
CHRYSENE	78.51					
DIBENZO(A,H) ANTHRACENE		Manager Control of the Control of th				
SUM OF CARCINOGENIC PAHS:						0.10
PAHs- NONCARCINOGENIC:	ND < 0.10		ND < 0.10		ND < 0.10	
ACENAPHTHYLENE		·				
ANTHRACENE						
BENZO(GHI)PERYLENE						
FLUORANTHENE FLUORENE						
PHENANTHRENE ACENAPHTHENE						*
NAPHTHALENE						
PYRENE						
	:					
VOCs: 1,2,4-TRICHLOROBENZENE						
1,2,4-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBENZENE						
ETHYLBENZENE						
ISOPROPYLTOLUENE						6.0
TERT-BUTYLBENZENE						
NAPHTHALENES						F
N-PROPYLBENZENE						5.0
SEC-BUTYLBENZENE						
TOLUENE						7.0
XYLENES					· · · · · · · · · · · · · · · · · · ·	7.0
CHLOROBENZENE						9.0
TRICHLOROETHENE	~					0.00
M - DICHLOROBENZENE						0.03
P – DICHLOROBENZENE						
O – DICHLOROBENZENE	A					

	FIELD	AND LABO	PRATORY T	EST RESUL	TS	
SAMPLE NUMBER	PD-34B-1- SO-3'	PD-35A-1- SO-1.5'	PD-35B-1- SO-3'	PD-36A-1- SO-1.5'	PD-36B-1- SO-3'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
PHOTOGRAPH#			<u> </u>			(mg/Kg)
PID READING (PPM)	95.5	60.4	350	384	153	(99)
ARSENIC (TOTAL)	30.0	00.4	330	304	100	20.0
CADMIUM (TOTAL)						2.0
						2,000
CHROMIUM III (TOTAL)						250
LEAD (TOTAL)						2.0
MERCURY (TOTAL)				115		
DIESEL		ND < 20	 	ND < 20		2,000
HEAVY OIL		ND < 40		ND < 40		2,000
PAHs- CARCINOGENIC: BENZO(A)ANTHRACENE		ND < 0.10		ND < 0.10		
BENZO(A)PYRENE						0.10
BENZO(B+K) FLUORANTHENE INDENO(1,2,3-CD)PYRENE						
CHRYSENE						
DIBENZO(A,H) ANTHRACENE SUM OF CARCINOGENIC PAHS:						0.10
PAHs- NONCARCINOGENIC:		ND < 0.10		ND < 0.10		
ACENAPHTHYLENE						
ANTHRACENE						
BENZO(GHI)PERYLENE						
FLUORANTHENE						
FLUORENE						
PHENANTHRENE						
ACENAPHTHENE						
NAPHTHALENE						
PYRENE						
VOCs: 1,2,4-TRICHLOROBENZENE						
1,2,4-TRIMETHYLBENZENE			-			
1,3,5-TRIMETHYLBENZENE	· · · · · · · · · · · · · · · · · · ·					
ETHYLBENZENE						6.0
ISOPROPYLTOLUENE						
TERT-BUTYLBENZENE						
NAPHTHALENES		·				5.0
N-PROPYLBENZENE						
SEC-BUTYLBENZENE						
TOLUENE						7.0
XYLENES	******					9.0
CHLOROBENZENE	····					J.U
	···					222
TRICHLOROETHENE						0.03
M - DICHLOROBENZENE						
P - DICHLOROBENZENE						
O - DICHLOROBENZENE						

	FIELD AND LABORATORY TEST RESULTS								
SAMPLE NUMBER	PD57/A61 2.804/5	PD-37B-1- SO-3'	PD-38A-1- SO-2.5'	PD-38B-1- SO-5'	PD-39A-1- SO-1.5'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE			
PHOTOGRAPH #	#29					(mg/Kg)			
PID READING (PPM)	65.2	50.7	73.4	+2,000	35.6				
ARSENIC (TOTAL)						20.0			
CADMIUM (TOTAL)						2.0			
CHROMIUM III (TOTAL)						2,000			
LEAD (TOTAL)						250			
MERCURY (TOTAL)						2.0			
DIESEL	310		ND < 20	ND < 20	ND < 20	2,000			
HEAVY OIL	ND < 40		ND < 40	ND < 40	ND < 40	2,000			
PAHs- CARCINOGENIC:			ND < 0.10	ND < 0.10	ND < 0.10				
BENZO(A)ANTHRACENE	0.23								
BENZO(A)PYRENE						0.10			
BENZO(B+K) FLUORANTHENE INDENO(1,2,3-CD)PYRENE									
CHRYSENE									
DIBENZO(A,H) ANTHRACENE									
SUM OF CARCINOGENIC PAHS:	0.23					0.10			
PAHs- NONCARCINOGENIC:			ND < 0.10	ND < 0.10	ND < 0.10				
ACENAPHTHYLENE									
ANTHRACENE	0.34								
BENZO(GHI)PERYLENE									
FLUORANTHENE	0.47								
FLUORENE									
PHENANTHRENE									
ACENAPHTHENE									
NAPHTHALENE									
PYRENE	0.34								
VOCs:									
1,2,4-TRICHLOROBENZENE					<u> </u>				
1,2,4-TRIMETHYLBENZENE									
1,3,5-TRIMETHYLBENZENE						6.0			
ETHYLBENZENE ISOBBODY TO HENE	<u> </u>		_			6.0			
ISOPROPYLTOLUENE TERT-BUTYLBENZENE		1							
NAPHTHALENES					<u> </u>	5.0			
N-PROPYLBENZENE						5.0			
SEC-BUTYLBENZENE									
TOLUENE	 					7.0			
XYLENES	 		<u> </u>		 	9.0			
CHLOROBENZENE						3.0			
TRICHLOROETHENE						0.03			
M - DICHLOROBENZENE						0.00			
P - DICHLOROBENZENE			 	<u> </u>	-				
O – DICHLOROBENZENE									
U - DICHLORUBENZENE									

NDENO(1,2,3-CD)PYRENE	FIELD AND LABORATORY TEST RESULTS								
PID READING (PPM)							CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE		
ARSENIC (TOTAL) CADMILM (TOTAL) CADMILM (TOTAL) LEAD (TOTAL) MERCURY (TOTAL) MERCURY (TOTAL) MERCURY (TOTAL) DIESEL ND < 20 RD < 40 ND < 40							(mg/Kg)		
CADMIUM (TOTAL)		200	+2,000	238	1,246	52.4			
CHROMIUM III (TOTAL) 2.000 2.50							20.0		
LEAD (TOTAL) 250 200	CADMIUM (TOTAL)						2.0		
MERCURY (TOTAL)	CHROMIUM III (TOTAL)						2,000		
DIESEL	LEAD (TOTAL)						250		
HEAVY OIL ND < 40	MERCURY (TOTAL)						2.0		
HEAVY OIL	DIESEL		ND < 20		ND < 20	ND < 20	2,000		
PAHS	HEAVY OIL						2,000		
BENZO(A)PYRENE 0.88 0.10	CARCINOGENIC:								
BENZO(BHY) FLUORANTHENE	• *								
FLUORANTHENE							0.10		
O.17 O.19	FLUORANTHENE	:					1		
DIBENZO(A,H) ANTHRACENE					0.17				
SUM OF CARCINOGENIC PAHS:	DIBENZO(A,H)		·		0.17	2.19			
NONCARCINOGENIC: ACENAPHTHYLENE ACENAPHTHYLENE ACHIPERACENE BENZO(GHIPERYLENE FLUORANTHENE FLUORANTHENE FLUORANTHENE FLUORENE PHENANTHRENE ACENAPHTHENE ACENAPHTHENE ACENAPHTHENE NAPHTHALENE PYRENE FLUORENE FLUO	SUM OF CARCINOGENIC				0.17	8.49	0.10		
ANTHRACENE BENZO(GHI)PERYLENE FLUORANTHENE FLUORANTHENE FLUORANTHENE FLUORENE PHENANTHRENE ACENAPHTHENE ACENAPHTHENE NAPHTHALENE PYRENE T.2,4-TRICHLOROBENZENE TL3,5-TRIMETHYLBENZENE TERT-BUTYLBENZENE TERT-BUTYLBENZENE SEC-BUTYLBENZENE SEC-BUTYLBENZENE TOLURNE TOLURNE TOLURNE TRICHLOROBENZENE SEC-BUTYLBENZENE TOLURNE TRICHLOROBENZENE TOLURNE TOLURNE TOLURNE TOLURNE TOLURNE TRICHLOROBENZENE TOLURNE TOLURNE TRICHLOROBENZENE TOLURNE TO	la contra la companya de la companya	·	ND < 0.10						
BENZO(GHI)PERYLENE	ACENAPHTHYLENE					0.22			
FLUORANTHENE 7.95	ANTHRACENE					4.13			
FLUORENE	BENZO(GHI)PERYLENE			***************************************					
FLUORENE PHENANTHRENE ACENAPHTHENE ACENAPHTHENE ACENAPHTHALENE PYRENE VOCS: 1,2,4-TRICHLOROBENZENE 1,3,5-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBENZENE ETHYLBENZENE ETHYLBENZENE SOPROPYLTOLUENE TERT-BUTYLBENZENE NAPHTHALENES N-PROPYLBENZENE SEC-BUTYLBENZENE SEC-BUTYLBENZENE TOLUENE TOLUENE TOLUENE TOLUENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TOLUENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TOLUCHOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TOLUCHOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE	FLUORANTHENE					7.95			
ACENAPHTHENE NAPHTHALENE PYRENE 7.86 VOCS: 1,2,4-TRICHLOROBENZENE 1,3,5-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBENZENE ETHYLBENZENE ETHYLBENZENE ESOPROPYLTOLUENE TERT-BUTYLBENZENE SEC-BUTYLBENZENE SEC-BUTYLBENZENE SEC-BUTYLBENZENE TOLUENE TOLUENE TOLUENE TOLUENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TOLUCHOROBENZENE	FLUORENE								
NAPHTHALENE	PHENANTHRENE	7777			0.60				
VOCs: 1,2,4-TRICHLOROBENZENE 1,2,4-TRICHLOROBENZENE 1,2,4-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBENZENE 6.0 ETHYLBENZENE 6.0 ISOPROPYLTOLUENE TERT-BUTYLBENZENE NAPHTHALENES 5.0 N-PROPYLBENZENE 5.0 SEC-BUTYLBENZENE 7.0 TOLUENE 7.0 XYLENES 9.0 CHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.03	ACENAPHTHENE					0.36			
VOCs: 1,2,4-TRICHLOROBENZENE 1,2,4-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBENZENE ETHYLBENZENE 6.0 ISOPROPYLTOLUENE 5.0 TERT-BUTYLBENZENE 5.0 N-PROPYLBENZENE 5.0 N-PROPYLBENZENE 7.0 SEC-BUTYLBENZENE 7.0 TOLUENE 7.0 XYLENES 9.0 CHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.03	NAPHTHALENE						,		
VOCs: 1,2,4-TRICHLOROBENZENE 1,2,4-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBENZENE 6.0 ISOPROPYLTOLUENE 6.0 ISOPROPYLTOLUENE 7.0 NAPHTHALENES 7.0 N-PROPYLBENZENE 7.0 XYLENES	PYRENE					7.86			
1,2,4-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBENZENE ETHYLBENZENE ISOPROPYLTOLUENE TERT-BUTYLBENZENE NAPHTHALENES N-PROPYLBENZENE SEC-BUTYLBENZENE TOLUENE XYLENES CHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE P - DICHLOROBENZENE	VOCs:						· ·		
1,3,5-TRIMETHYLBENZENE ETHYLBENZENE ETHYLBENZENE ISOPROPYLTOLUENE TERT-BUTYLBENZENE NAPHTHALENES N-PROPYLBENZENE SEC-BUTYLBENZENE TOLUENE XYLENES CHLOROBENZENE TRICHLOROETHENE TOLUENE TRICHLOROBENZENE TOLUENE TRICHLOROBENZENE TOLUENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TP - DICHLOROBENZENE	1,2,4-TRICHLOROBENZENE			 					
### ETHYLBENZENE ISOPROPYLTOLUENE TERT-BUTYLBENZENE NAPHTHALENES N-PROPYLBENZENE SEC-BUTYLBENZENE TOLUENE XYLENES CHLOROBENZENE TRICHLOROBENZENE ################################	1,2,4-TRIMETHYLBENZENE								
ISOPROPYLTOLUENE	1,3,5-TRIMETHYLBENZENE								
TERT-BUTYLBENZENE 5.0 NAPHTHALENES 5.0 N-PROPYLBENZENE 5.0 SEC-BUTYLBENZENE 7.0 TOLUENE 7.0 XYLENES 9.0 CHLOROBENZENE 0.03 TRICHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.03							6.0		
NAPHTHALENES 5.0 N-PROPYLBENZENE 5.0 SEC-BUTYLBENZENE 5.0 TOLUENE 7.0 XYLENES 9.0 CHLOROBENZENE 7.0 TRICHLOROETHENE 0.03 M - DICHLOROBENZENE 0.03 P - DICHLOROBENZENE 0.00	ISOPROPYLTOLUENE								
N-PROPYLBENZENE SEC-BUTYLBENZENE TOLUENE XYLENES CHLOROBENZENE TRICHLOROETHENE M - DICHLOROBENZENE P - DICHLOROBENZENE	TERT-BUTYLBENZENE								
SEC-BUTYLBENZENE 7.0 TOLUENE 7.0 XYLENES 9.0 CHLOROBENZENE TRICHLOROETHENE M - DICHLOROBENZENE 0.03 P - DICHLOROBENZENE 0.03	NAPHTHALENES						5.0		
TOLUENE 7.0 XYLENES 9.0 CHLOROBENZENE 0.03 TRICHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.00	N-PROPYLBENZENE					 			
XYLENES 9.0	SEC-BUTYLBENZENE								
CHLOROBENZENE 0.03 TRICHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.03	TOLUENE						7.0		
TRICHLOROETHENE 0.03 M – DICHLOROBENZENE 0.03	XYLENES						9.0		
M – DICHLOROBENZENE P – DICHLOROBENZENE	CHLOROBENZENE								
P - DICHLOROBENZENE	TRICHLOROETHENE			<u> </u>			0.03		
	M - DICHLOROBENZENE								
O – DICHLOROBENZENE	P - DICHLOROBENZENE				<u> </u>				
	O - DICHLOROBENZENE								

	FIELD AND LABORATORY TEST RESULTS								
SAMPLE NUMBER	PD-42A-1- SO-2'	PD-42B-1- SO-3'	PD-43A-1- SO-1.5'	PD-43B-1- SO-3'	PRAYA-1- Section	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE			
PHOTOGRAPH #						(mg/Kg)			
PID READING (PPM)	93.4	32.9	105	113	55.2				
ARSENIC (TOTAL)			-			20.0			
CADMIUM (TOTAL)						2.0			
CHROMIUM III (TOTAL)						2,000			
LEAD (TOTAL)						250			
MERCURY (TOTAL)						2.0			
DIESEL	ND < 20		ND < 20		ND < 20	2,000			
HEAVY OIL	ND < 40		ND < 40		ND < 40	2,000			
PAHs- CARCINOGENIC:	ND < 0.10		ND < 0.10						
BENZO(A)ANTHRACENE					0.77				
BENZO(A)PYRENE					0.26	0.10			
BENZO(B+K) FLUORANTHENE INDENO(1,2,3-CD)PYRENE		<u> </u>			0.69				
CHRYSENE									
DIBENZO(A,H) ANTHRACENE					0.21				
SUM OF CARCINOGENIC PAHS:					1.93	0.10			
PAHs- NONCARCINOGENIC:	ND < 0.10		ND < 0.10						
ACENAPHTHYLENE					ļ				
ANTHRACENE									
BENZO(GHI)PERYLENE									
FLUORANTHENE					1.06				
FLUORENE									
PHENANTHRENE				<u> </u>	0.79				
ACENAPHTHENE				ļ					
NAPHTHALENE					4.50				
PYRENE					1.58				
VOCs:									
1,2,4-TRICHLOROBENZENE									
1,2,4-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBENZENE			ļ						
			ļ			6.0			
ETHYLBENZENE ISOBBODYLTOLUENE						0,0			
ISOPROPYLTOLUENE TERT-BUTYLBENZENE									
NAPHTHALENES						5.0			
N-PROPYLBENZENE			ļ		ļ				
SEC-BUTYLBENZENE					ļ				
TOLUENE			 			7.0			
XYLENES				-		9.0			
CHLOROBENZENE				 		7.7			
TRICHLOROETHENE					-	0.03			
M'- DICHLOROBENZENE	_					0.00			
P - DICHLOROBENZENE	<u> </u>			1					
		·	<u></u>						
O – DICHLOROBENZENE									

FIELD AND LABORATORY TEST RESULTS								
SAMPLE NUMBER	PD-44B-1- SO-3'	PD-45A-1- SO-6"	PD-45B-1- SO-12"	PD-46A-1- SO-2"	PD-46B-1- SO-12"	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE		
PHOTOGRAPH#						(mg/Kg)		
PID READING (PPM)	311	64.9	230	40.6	118			
ARSENIC (TOTAL)				1		20.0		
CADMIUM (TOTAL)						2.0		
CHROMIUM III (TOTAL)						2,000		
LEAD (TOTAL)						250		
MERCURY (TOTAL)						2.0		
DIESEL		ND < 20		ND < 20		2,000		
HEAVY OIL		120		ND < 40		2,000		
PAHs-		ND < 0.10		ND < 0.10		<u> </u>		
CARCINOGENIC: BENZO(A)ANTHRACENE				145 4 0.10				
BENZO(A)PYRENE				· · · · · · · · · · · · · · · · · · ·		0.10		
BENZO(B+K) FLUORANTHENE	:	·						
INDENO(1,2,3-CD)PYRENE								
CHRYSENE								
DIBENZO(A,H) ANTHRACENE								
SUM OF CARCINOGENIC PAHS:						0.10		
PAHs- NONCARCINOGENIC:		ND < 0.10		ND < 0.10				
ACENAPHTHYLENE		· · · · · · · · · · · · · · · · · · ·						
ANTHRACENE						<u> </u>		
BENZO(GHI)PERYLENE								
FLUORANTHENE								
FLUORENE					<u> </u>			
PHENANTHRENE								
ACENAPHTHENE		, 11 - 14 - 14 - 14 - 14 - 14 - 14 - 14 						
NAPHTHALENE								
PYRENE								
VOCs:								
1,2,4-TRICHLOROBENZENE								
1,2,4-TRIMETHYLBENZENE				,				
1,3,5-TRIMETHYLBENZENE								
ETHYLBENZENE		:				6.0		
ISOPROPYLTOLUENE								
TERT-BUTYLBENZENE								
NAPHTHALENES						5.0		
N-PROPYLBENZENE					:			
SEC-BUTYLBENZENE								
TOLUENE						7.0		
XYLENES						9.0		
CHLOROBENZENE								
TRICHLOROETHENE						0.03		
M - DICHLOROBENZENE								
P - DICHLOROBENZENE								
O - DICHLOROBENZENE								

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SAMPLE NUMBER	PD-46C-1- SO-2.5'	PD-46D-1- SO-3.5'	PD-47A-1- - SO-2"	PD-47B-1- SO-2'	PD-47C-1- SO-3'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
PHOTOGRAPH#						(mg/Kg)
PID READING (PPM)	58.6	111	80.2	197.2	181.2	
ARSENIC (TOTAL)						20.0
CADMIUM (TOTAL)						2.0
CHROMIUM III (TOTAL)						2,000
LEAD (TOTAL)						250
MERCURY (TOTAL)						2.0
DIESEL		ND < 20	ND < 20		ND < 20	2,000
HEAVY OIL		ND < 40	13,000		ND < 40	2,000
PAHs-		ND < 0.10	13,000		ND < 0.10	2,000
CARCINOGENIC:		ND < 0.10			ND < 0.10	
BENZO(A)ANTHRACENE			3.5			
BENZO(A)PYRENE			3.7			0.10
BENZO(B+K) FLUORANTHENE INDENO(1,2,3-CD)PYRENE			8.2			
CHRYSENE						
DIBENZO(A,H) ANTHRACENE				· · · · · · · · · · · · · · · · · · ·		
SUM OF CARCINOGENIC PAHS:			15.4			0.10
PAHs-		ND < 0.10			ND < 0.10	
NONCARCINOGENIC: ACENAPHTHYLENE		·	1 - 2 - 1	·		
ANTHRACENE			0.51			
BENZO(GHI)PERYLENE FLUORANTHENE				 		
FLUORENE			0.20			
PHENANTHRENE						
ACENAPHTHENE			0.30			
NAPHTHALENE	P1					
PYRENE						
VOCs:						
1,2,4-TRICHLOROBENZENE	a					
1,2,4-TRIMETHYLBENZENE						
1,3,5-TRIMETHYLBENZENE						
ETHYLBENZENE						6.0
ISOPROPYLTOLUENE						
TERT-BUTYLBENZENE				<u> </u>		
NAPHTHALENES						5.0
N-PROPYLBENZENE						
SEC-BUTYLBENZENE						
TOLUENE						7.0
XYLENES						9.0
CHLOROBENZENE						
TRICHLOROETHENE			 			0.03
M - DICHLOROBENZENE						
P - DICHLOROBENZENE			+			
O - DICHLOROBENZENE			1			

FIELD AND LABORATORY TEST RESULTS								
SAMPLE NUMBER	PD-48A-1- SO-1.5' (BKG)	PD-48B-1- SO-3' (BKG)	PD-49A-1- SO-1.5'	PD-49B-1- SO-3'	PD-50A-1- SO-1.5'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE		
PHOTOGRAPH #	·					(mg/Kg)		
PID READING (PPM)	192.2	101.2	138.2	130.2	104.2	(39)		
ARSENIC (TOTAL)		101	100.2	100.2	104.2	20.0		
CADMIUM (TOTAL)						2.0		
CHROMIUM III (TOTAL)						2,000		
LEAD (TOTAL)						250		
MERCURY (TOTAL)						2.0		
DIESEL	ND < 20	M-845	ND < 20		ND < 20	2,000		
HEAVY OIL	ND < 40		ND < 40			2,000		
PAHs-	ND < 0.10				ND < 40	2,000		
CARCINOGENIC: BENZO(A)ANTHRACENE	ND < 0.10		ND < 0.10		ND < 0.10			
BENZO(A)PYRENE						0.10		
BENZO(B+K) FLUORANTHENE INDENO(1,2,3-CD)PYRENE								
CHRYSENE								
DIBENZO(A,H) ANTHRACENE								
SUM OF CARCINOGENIC PAHS:						0.10		
PAHs- NONCARCINOGENIC:	ND < 0.10		ND < 0.10		ND < 0.10			
ACENAPHTHYLENE								
ANTHRACENE								
BENZO(GHI)PERYLENE								
FLUORANTHENE								
FLUORENE								
PHENANTHRENE								
ACENAPHTHENE								
NAPHTHALENE								
PYRENE								
VOCs:								
1,2,4-TRICHLOROBENZENE								
1,2,4-TRIMETHYLBENZENE								
1,3,5-TRIMETHYLBENZENE								
ETHYLBENZENE						6.0		
ISOPROPYLTOLUENE								
TERT-BUTYLBENZENE								
NAPHTHALENES						5.0		
N-PROPYLBENZENE								
SEC-BUTYLBENZENE			· · · · · · · · · · · · · · · · · · ·					
TOLUENE						7.0		
XYLENES						9.0		
CHLOROBENZENE								
TRICHLOROETHENE						0.03		
M - DICHLOROBENZENE								
P - DICHLOROBENZENE								
O - DICHLOROBENZENE								

SAMPLE NUMBER PD-508-1 SD-47 SO-47 SO-4.51 S		FIELD AND LABORATORY TEST RESULTS								
PHOTOGRAPH # #23, 26	SAMPLE NUMBER						CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND			
PID READING (PPM)	PHOTOGRAPH#				#23 26					
ARSENIC (TOTAL) CADMIUM (TOTAL) CADMIUM (TOTAL) LEAD (TOTAL) BERCURY (TOTAL) DIESEL 180 ND < 20 20 DIESEL 180 ND < 40 2,000 REACURY (TOTAL) EAGINGOGENIC: EARCINGOGENIC: ERACQIA/APTRANCE ERACQIA/APTRANCA ER		123.2	138.2	50.2		62.4	(9/1(9)			
CADMIUM (TOTAL)		123.2	130.2	59.2	 '' 	03.4	20.0			
CHROMIUM III (TOTAL) 2,000 2,500										
LEAD (TOTAL)										
MERCURY (TOTAL)			-							
DIESEL 180					ļ					
HEAVY OIL		<u> </u>	ļ							
PAHS- CARCINOGENIC: BENZO(A)PYRENE BENZO(A)PYRENE BENZO(A)PYRENE BENZO(A)PYRENE BENZO(A)PYRENE BENZO(A)PYRENE CHRYSENE DIBENZO(A,H) FLUORANTHENE CHRYSENE DIBENZO(A,H) ANTHRACENE SUM OF CARCINOGENIC PAHS: PAHS: NONCARCINOGENIC: ACENAPITHYLENE ANTHRACENE BENZO(BH)PERVLENE FLUORANTHENE FLUORANTHENE FLUORANTHENE D.55 D.10 ANTHRACENE BENZO(BH)PERVLENE FLUORANTHENE D.51 PHENANTHRENE D.51 PHENANTHRENE D.53 ACENAPITHENE D.54 ACENAPITHENE D.55 ACENAPITHENE D.56 ACENA							•			
CARCINOGENIC:	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		4,300		ND < 40		2,000			
BENZO(A)PYRENE 2.65 1.05 0.10	CARCINOGENIC:									
BENZO(GEHY) FLUORANTHENE 1.13 2.46			<u> </u>		1.10					
FLUORANTHENE N. NO			2.65		1.05		0.10			
1.23 DIBENZO(A,H)	FLUORANTHENE		1.13	11.0	2.46	AMA ALA				
DIBENZO(A,H)					1 23					
SUM OF CARCINOGENIC PAHS:					1.20	_				
PAHs- NONCARCINOGENIC:	SUM OF CARCINOGENIC		5.32		5.84		0.10			
ANTHRACENE 0.22 0.42 BENZO(GHI)PERYLENE FLUORANTHENE 0.51 3.57 FLUORENE 1.52 0.13 PHENANTHRENE 2.37 ACENAPHTHENE 2.71 NAPHTHALENE 0.84 PYRENE 2.18 3.51 VOCS: 1,2,4-TRICHLOROBENZENE 1,2,4-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBEN	PAHs-			*****						
BENZO(GHI)PERYLENE			0.55		0.10					
FLUORANTHENE	ANTHRACENE		0.22		0.42					
TUORENE	BENZO(GHI)PERYLENE									
PHENANTHRENE 2.37	FLUORANTHENE		0.51		3.57					
PHENANTHRENE 2.37	FLUORENE	V ####	1.52		0.13					
NAPHTHALENE	PHENANTHRENE		<u> </u>	·						
NAPHTHALENE 0.84 3.51	ACENAPHTHENE		2.71							
VOCs: 1,2,4-TRICHLOROBENZENE 1,2,4-TRIMETHYLBENZENE 6.0 1,3,5-TRIMETHYLBENZENE 6.0 ETHYLBENZENE 6.0 ISOPROPYLTOLUENE 5.0 TERT-BUTYLBENZENE 5.0 N-PROPYLBENZENE 7.0 SEC-BUTYLBENZENE 7.0 XYLENES 9.0 CHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.03	NAPHTHALENE									
VOCs: 1,2,4-TRICHLOROBENZENE 1,2,4-TRICHLOROBENZENE 1,2,4-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBENZENE 6.0 ISOPROPYLTOLUENE 6.0 ISOPROPYLTOLUENE 7.0 ISOPROPYLBENZENE 7.0 ISOPROPYLBE	PYRENE	***************************************	2.18		3.51					
1,2,4-TRICHLOROBENZENE 1,2,4-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBENZENE 6.0 ETHYLBENZENE 6.0 ISOPROPYLTOLUENE 5.0 TERT-BUTYLBENZENE 5.0 NAPHTHALENES 5.0 N-PROPYLBENZENE 7.0 SEC-BUTYLBENZENE 7.0 TOLUENE 9.0 CHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.03	VOCs:									
1,3,5-TRIMETHYLBENZENE 6.0 ETHYLBENZENE 6.0 ISOPROPYLTOLUENE TERT-BUTYLBENZENE NAPHTHALENES 5.0 N-PROPYLBENZENE SEC-BUTYLBENZENE TOLUENE 7.0 XYLENES 9.0 CHLOROBENZENE TRICHLOROETHENE 0.03 M - DICHLOROBENZENE P - DICHLOROBENZENE										
ETHYLBENZENE ISOPROPYLTOLUENE TERT-BUTYLBENZENE NAPHTHALENES N-PROPYLBENZENE SEC-BUTYLBENZENE TOLUENE XYLENES CHLOROBENZENE TRICHLOROBENZENE P - DICHLOROBENZENE 1	1,2,4-TRIMETHYLBENZENE		1							
ISOPROPYLTOLUENE	1,3,5-TRIMETHYLBENZENE									
TERT-BUTYLBENZENE 5.0 NAPHTHALENES 5.0 N-PROPYLBENZENE 5.0 SEC-BUTYLBENZENE 7.0 TOLUENE 7.0 XYLENES 9.0 CHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.03 P - DICHLOROBENZENE 0.00	ETHYLBENZENE						6.0			
NAPHTHALENES 5.0 N-PROPYLBENZENE	ISOPROPYLTOLUENE		1							
N-PROPYLBENZENE SEC-BUTYLBENZENE TOLUENE TOLUENE TOLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TOLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE TRICHLOROBENZENE	TERT-BUTYLBENZENE		†							
N-PROPYLBENZENE	NAPHTHALENES			***************************************			5.0			
TOLUENE 7.0 XYLENES 9.0 CHLOROBENZENE 0.03 TRICHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.00	N-PROPYLBENZENE	*************************************	 							
XYLENES 9.0 CHLOROBENZENE 0.03 TRICHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.00	SEC-BUTYLBENZENE			· · · · · · · · · · · · · · · · · · ·	 					
XYLENES 9.0 CHLOROBENZENE 0.03 TRICHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.03	TOLUENE				 		7.0			
CHLOROBENZENE 0.03 TRICHLOROBENZENE 0.03 M - DICHLOROBENZENE 0.03	XYLENES				1					
TRICHLOROETHENE 0.03 M - DICHLOROBENZENE 0.03 P - DICHLOROBENZENE 0.03					-					
M - DICHLOROBENZENE P - DICHLOROBENZENE			 				0.03			
P – DICHLOROBENZENE					 		0.00			
				T	 		***************************************			
	O - DICHLOROBENZENE				1					

	FIELD AND LABORATORY TEST RESULTS								
SAMPLE NUMBER	PD-53A-1- SO-1.5'	PD-53B-1- SO-3'	PD-54A-1- SO-1.5'	PD-55A-1- SO-1.5'	PD-55B-1- SO-3'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE			
PHOTOGRAPH#						(mg/Kg)			
PID READING (PPM)	72	64.1	100	107	66.1				
ARSENIC (TOTAL)		0 1.1	100	107	00.1	20.0			
CADMIUM (TOTAL)						2.0			
CHROMIUM III (TOTAL)						2,000			
LEAD (TOTAL)						250			
MERCURY (TOTAL)						2.0			
DIESEL	ND < 20		ND < 20	ND < 20		2,000			
HEAVY OIL	ND < 40		ND < 40	ND < 40		2,000			
PAHs-	ND < 0.10		ND < 0.10	ND < 0.10					
CARCINOGENIC: BENZO(A)ANTHRACENE	140 < 0.10		ND < 0.10	ND < 0.10					
BENZO(A)PYRENE									
BENZO(A)PYRENE BENZO(B+K)						0.10			
FLUORANTHENE INDENO(1,2,3-CD)PYRENE									
CHRYSENE									
DIBENZO(A,H) ANTHRACENE									
SUM OF CARCINOGENIC PAHS:						0.10			
PAHs- NONCARCINOGENIC:	ND < 0.10		ND < 0.10	ND < 0.10					
ACENAPHTHYLENE									
ANTHRACENE			<u></u>						
BENZO(GHI)PERYLENE									
FLUORANTHENE			·						
FLUORENE									
PHENANTHRENE									
ACENAPHTHENE									
NAPHTHALENE									
PYRENE									
VOCs:									
1,2,4-TRICHLOROBENZENE									
1,2,4-TRIMETHYLBENZENE									
1,3,5-TRIMETHYLBENZENE						rother and the second second			
ETHYLBENZENE						6.0			
ISOPROPYLTOLUENE									
TERT-BUTYLBENZENE									
NAPHTHALENES						5.0			
N-PROPYLBENZENE									
SEC-BUTYLBENZENE									
TOLUENE						7.0			
XYLENES						9.0			
CHLOROBENZENE					· · · · · · · · · · · · · · · · · · ·	- 18			
TRICHLOROETHENE						0.03			
M - DICHLOROBENZENE									
P - DICHLOROBENZENE									
O - DICHLOROBENZENE									
A SECTION OF THE PROPERTY OF T									

TABLE 3A - TEST RESULTS ON SOIL SAMPLES IN EXCAVATIONS

PHASE II: CUSTOM-BILT METALS, AUBURN, WA. E2JK-POPPSDREW-2

FIELD AND LABORATORY TEST RESULTS								
SAMPLE NUMBER	PD-56A-1- SO-1.5'	PD-56B-1- SO-3'	PD-57A-1- SO-12"	PD-58A-1- SO-12"	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE			
PHOTOGRAPH#				#27	(mg/Kg)			
PID READING (PPM)	68.7	245	760	810				
ARSENIC (TOTAL)					20.0			
CADMIUM (TOTAL)					2.0			
CHROMIUM III (TOTAL)					2,000			
LEAD (TOTAL)					250			
MERCURY (TOTAL)					2.0			
DIESEL	ND < 20		ND < 20	136	2,000			
HEAVY OIL	ND < 40		ND < 40	ND < 40	2,000			
PAHs— CARCINOGENIC:	ND < 0.10		ND < 0.10	ND < 0.10				
BENZO(A)ANTHRACENE								
BENZO(A)PYRENE					0.10			
BENZO(B+K) FLUORANTHENE								
INDENO(1,2,3-CD)PYRENE					e samendi saksibila pire			
CHRYSENE					· 1910年時期的學術的學術			
DIBENZO(A,H) ANTHRACENE SUM OF CARCINOGENIC					0.10			
PAHS: PAHS-	ND < 0.10		ND < 0.10	ND < 0.10				
NONCARCINOGENIC:	ND < 0.10		ND < 0.10	ND < 0.10				
ACENAPHTHYLENE								
ANTHRACENE								
BENZO(GHI)PERYLENE FLUORANTHENE								
FLUORENE								
PHENANTHRENE								
ACENAPHTHENE		,						
NAPHTHALENE								
PYRENE								
	**							
VOCs: 1,2,4-TRICHLOROBENZENE								
1,2,4-TRIMETHYLBENZENE								
1,3,5-TRIMETHYLBENZENE								
ETHYLBENZENE					1			
ISOPROPYLTOLUENE								
TERT-BUTYLBENZENE								
NAPHTHALENES					5.0			
N-PROPYLBENZENE								
SEC-BUTYLBENZENE								
TOLUENE								
XYLENES								
CHLOROBENZENE								
TRICHLOROETHENE					0.03			
M - DICHLOROBENZENE					0.03			
P - DICHLOROBENZENE								
O - DICHLOROBENZENE								
O - DIOTILOROBENZENE								

TABLE 3B - TEST RESULTS ON SOIL SAMPLES FROM MONITORING WELLS

PHASE II: CUSTOM-BILT METALS, AUBURN, WA E2JK-POPPSDREW-2

	FIELD	AND LABO	PRATORY T	EST RESUL	TS	
SAMPLE NUMBER	PD-1AMW- 1-SO-13" (MW-1)	PD-1BMW- 1-SO-2.5'-4' (MW-1)	PD-1CMW- 1-SO-5' (MW-1)	PD-1DMW- 1-SO-7' (MW-1)	PD-1EMW- 1-SO-12 ½'- 14' (MW-1)	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
PHOTOGRAPH#	#32	#32	#32	#32	#32	(mg/Kg)
PID READING (PPM)	76.4	56.5	425	64.7	1031	
ARSENIC (TOTAL)	-					20.0
CADMIUM (TOTAL)						2.0
CHROMIUM III (TOTAL)						2,000
LEAD (TOTAL)						250
MERCURY (TOTAL)						2.0
DIESEL	ND < 20	ND < 20			ND < 20	2,000
HEAVY OIL	ND < 40	ND < 40			ND < 40	2,000
PAHs— CARCINOGENIC:	ND < 0.10	ND < 0.10			ND < 0.10	
BENZO(A)ANTHRACENE						
BENZO(A)PYRENE						0.10
BENZO(B+K) FLUORANTHENE INDENO(1,2,3-CD)PYRENE						
CHRYSENE						
DIBENZO(A,H) ANTHRACENE						는 15 등 등 1 (1905) 15 등 15
SUM OF CARCINOGENIC PAHS:						0.10
PAHs- NONCARCINOGENIC:	ND < 0.10	ND < 0.10			ND < 0.10	
ACENAPHTHYLENE						
ANTHRACENE			·			
BENZO(GHI)PERYLENE						
FLUORANTHENE						Nergy sekati sekatik di
FLUORENE						
PHENANTHRENE						e with an in a
ACENAPHTHENE						
NAPHTHALENE						
PYRENE						
VOCs:						
1,2,4-TRICHLOROBENZENE						
1,2,4-TRIMETHYLBENZENE						
1,3,5-TRIMETHYLBENZENE			w			
ETHYLBENZENE ISOPROPYLTOLUENE						6.0
TERT-BUTYLBENZENE						
NAPHTHALENES						
N-PROPYLBENZENE				****		5.0
SEC-BUTYLBENZENE		<u> </u>		-		
TOLUENE						
XYLENES						1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
CHLOROBENZENE						
TRICHLOROETHENE						0.03
M - DICHLOROBENZENE						
P - DICHLOROBENZENE						A TOP LESSEN A TEACHER TO
O - DICHLOROBENZENE						· · · · · · · · · · · · · · · · · · ·
					markett ware waterner viewe verschief ein viewe	

TABLE 3B - TEST RESULTS ON SOIL SAMPLES FROM MONITORING WELLS

PHASE II: CUSTOM-BILT METALS, AUBURN, WA E2JK-POPPSDREW-2

SAMPLE NUMBER	PD-2AMW-					The state of the s
	1-SO-2.5'-4' (MW-2)	PD-2BMW- 1-SO-5' (MW-2)	PD-2CMW- 1-SO-7' (MW-2)	PD-2DMW- 1-SO-7' (MW-2)	PD-2EMW- 1-SO-12.5' (MW-2)	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
PHOTOGRAPH#	#33	#33	#33	#33	#33	(mg/Kg)
PID READING (PPM)	268	561	218	+2,000	+2,000	
ARSENIC (TOTAL)						20.0
CADMIUM (TOTAL)						2.0
CHROMIUM III (TOTAL)						2,000
LEAD (TOTAL)						250
MERCURY (TOTAL)						2.0
DIESEL	ND < 20	ND < 20			ND < 20	2,000
HEAVY OIL	205	ND < 40			ND < 40	2,000
PAHS— CARCINOGENIC:	ND < 0.10	ND < 0.10			ND < 0.10	
BENZO(A)ANTHRACENE						
BENZO(A)PYRENE	N241 1. 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					0.10
BENZO(B+K) FLUORANTHENE INDENO(1,2,3-CD)PYRENE						
CHRYSENE						
DIBENZO(A,H) ANTHRACENE						
SUM OF CARCINOGENIC PAHS:						0.10
PAHs- NONCARCINOGENIC:	ND < 0.10	ND < 0.10			ND < 0.10	
ACENAPHTHYLENE						
ANTHRACENE						
BENZO(GHI)PERYLENE						自由的主义的主义的主义
FLUORANTHENE						
FLUORENE						
PHENANTHRENE						
ACENAPHTHENE						
NAPHTHALENE						
PYRENE						The second of the second of the second
VOCs: 1,2,4-TRICHLOROBENZENE						
1,2,4-TRIMETHYLBENZENE						
1,3,5-TRIMETHYLBENZENE						
ETHYLBENZENE						6.0
ISOPROPYLTOLUENE						
TERT-BUTYLBENZENE						And the product of the first partial state of the second state of
NAPHTHALENES						5.0
N-PROPYLBENZENE						and the second second section is a second se
SEC-BUTYLBENZENE						
TOLUENE						7.0
XYLENES						9.0
CHLOROBENZENE						
TRICHLOROETHENE				:		0.03
M - DICHLOROBENZENE						
P - DICHLOROBENZENE						
O - DICHLOROBENZENE						

TABLE 3B – TEST RESULTS ON SOIL SAMPLES FROM MONITORING WELLS PHASE II: CUSTOM-BILT METALS, AUBURN, WA E2JK-POPPSDREW-2

	FIELD	AND LABO	RATORY T	EST RESULTS	
SAMPLE NUMBER	PD-3AMW- 1-SO-1'-2' (MW-3)	PD-3BMW- 1-SO-2.5'-4' (MW-3)	PD-3CMW- 1-SO-7.5'- 8.5' (MW-3)	PD-3DMW- 1-SO-12'- 13' (MW-3)	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
PHOTOGRAPH#	#34	#34	#34	#34	(mg/Kg)
PID READING (PPM)	1169	31.4	45.7	47.9	
ARSENIC (TOTAL)					20.0
CADMIUM (TOTAL)					2.0
CHROMIUM III (TOTAL)					2,000
LEAD (TOTAL)					250
MERCURY (TOTAL)					2.0
DIESEL	ND < 20	ND < 20		ND < 20	2,000
HEAVY OIL	55	ND < 40		ND < 40	2,000
PAHs- CARCINOGENIC:	ND < 0.10	ND < 0.10		ND < 0.10	
BENZO(A)ANTHRACENE					
BENZO(A)PYRENE					0.10
BENZO(B+K) FLUORANTHENE INDENO(1,2,3-CD)PYRENE					
CHRYSENE					
DIBENZO(A,H)					
ANTHRACENE SUM OF CARCINOGENIC	*				0.10
PAHS:					
PAHs- NONCARCINOGENIC:	ND < 0.10	ND < 0.10		ND < 0.10	
ACENAPHTHYLENE					
ANTHRACENE					
BENZO(GHI)PERYLENE					
FLUORANTHENE			***************************************		
FLUORENE					
PHENANTHRENE					
ACENAPHTHENE					4.44
NAPHTHALENE					
PYRENE					
VOCs:					Program is the region
1,2,4-TRICHLOROBENZENE					1 Jan Jan Sakar
1,2,4-TRIMETHYLBENZENE					
1,3,5-TRIMETHYLBENZENE					
ETHYLBENZENE					6.0
ISOPROPYLTOLUENE					
TERT-BUTYLBENZENE					1. 化基本自己基础基础的企业
NAPHTHALENES					5.0
N-PROPYLBENZENE					
SEC-BUTYLBENZENE					1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
TOLUENE					7.04. 27.0 121 111
XYLENES					Minglin 9.0
CHLOROBENZENE TRICHLOROETHENE					
TRICHLOROETHENE					0.03
M - DICHLOROBENZENE P - DICHLOROBENZENE					1 1 1 2 4 4 4
O – DICHLOROBENZENE				<u> </u>	
O - DICHLORUBENZENE					

TABLE 3C – TEST RESULTS ON SOIL SAMPLES FROM AUGER HOLES PHASE II: CUSTOM-BILT METALS, AUBURN, WA E2JK-POPPSDREW-2

SAMPL	E NUMBER	S AND FIEL	D AND LAB	ORATORY TES	TRESULTS
SAMPLE NUMBER	PD-3ACD-	PD-3BCD-	PD-4ACD-	PD-4BCD-	MTCA METHOD'A
Company Company (Company Company Compa	1-SO-2.5'-4'	1-SO-6'	1-SO-2.5'-4'	1-SO-6'-7.5'	CLEANUP ACTION LEVELS FOR
Company is a second of	(B-1)	(B-1)	(B-2)	(B-2)	UNRESTRICTED LAND
PHOTOGRAPH#	#30		#31		USE (mg/Kg)
PID READING (PPM)	ND < 1	7.0	486	632	
ARSENIC (TOTAL)					20.0
CADMIUM (TOTAL)					2.0
CHROMIUM III (TOTAL)					2,000
LEAD (TOTAL)		**********			250
MERCURY (TOTAL)					2.0
DIESEL	ND < 20		ND < 20		2,000
HEAVY OIL	ND < 40		ND < 40		2,000
PAHs=	ND < 0.10	ND < 0.10	ND < 0.10	ND < 0.10	
CARCINOGENIC:					
BENZO(A)ANTHRACENE		***************************************			
BENZO(A)PYRENE					0.10
BENZO(B+K)					
FLUORANTHENE INDENO(1,2,3-CD)PYRENE					
CHRYSENE					
DIBENZO(A,H)					
ANTHRACENE					
SUM OF CARCINOGENIC PAHS:					0.10
PAHs-	ND < 0.10	ND < 0.10	ND < 0.10	ND < 0.10	
NONCARCINOGENIC:					A CAMPAGE AND A
ACENAPHTHYLENE					
ANTHRACENE					
BENZO(GHI)PERYLENE					
FLUORANTHENE					
FLUORENE					
PHENANTHRENE					
ACENAPHTHENE					
NAPHTHALENE					
PYRENE					
VOCs:					
1,2,4-TRICHLOROBENZENE					
1,2,4-TRIMETHYLBENZENE					
1,3,5-TRIMETHYLBENZENE					
ETHYLBENZENE					6.0
ISOPROPYLTOLUENE					
TERT-BUTYLBENZENE					
NAPHTHALENES					5.0
N-PROPYLBENZENE					
SEC-BUTYLBENZENE					
TOLUENE					7.0
XYLENES					9.0
CHLOROBENZENE					
TRICHLOROETHENE					0.03
M - DICHLOROBENZENE					
P - DICHLOROBENZENE			with the second		
O – DICHLOROBENZENE					

TABLE 4A - TEST RESULTS ON GROUNDWATER SAMPLES IN EXCAVATIONS

PHASE II: CUSTOM-BILT METALS, AUBURN, WA E2JK-POPPSDREW-2

SAMPI	E NUMBERS AND FIELD.	AND LABORATORY TEST RESULTS
SAMPLE NUMBER	PD-52 C,D,E- 1-WA-4.5' (DITCH WATER)	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
PHOTOGRAPH#		(hg/L)
PID READING (PPM)		
ARSENIC (TOTAL)		5.0
CADMIUM (TOTAL)		5.0
CHROMIUM III (TOTAL)		50.0
LEAD (TOTAL)		15.0
MERCURY (TOTAL)		2.0
DIESEL	ND < 200	2,000.0
HEAVY OIL	ND < 400	2,000.0
PAHs- CARCINOGENIC:	ND	
BENZO(A)ANTHRACENE		
BENZO(A)PYRENE		0.10
BENZO(B+K) FLUORANTHENE		
CHRYSENE		
DIBENZO(A,H) ANTHRACENE		
INDENO(1,2,3-CD)PYRENE		
SUM OF CARCINOGENIC PAHS:	A-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	0.10
PAHs- NONCARCINOGENIC:		
ACENAPHTHENE		
ACENAPHTHYLENE		
ANTHRACENE		
BENZO(GHI)PERYLENE		
FLUORANTHENE		
FLUORENE		was Arthur Newson
NAPHTHALENE		
PHENANTHRENE		
PYRENE		
VOCs: 1,2,4-TRICHLOROBENZENE	ND < 0.05	Server to the server of the se
1,2,4-TRIMETHYLBENZENE		
1,3,5-TRIMETHYLBENZENE		
ETHYLBENZENE		700
ISOPROPYLTOLUENE		
TERT-BUTYLBENZENE		
NAPHTHALENES		160
N-PROPYLBENZENE		
SEC-BUTYLBENZENE		
TOLUENE		1,000.0
XYLENES		1,000.0
CHLOROBENZENE		
TRICHLOROETHENE		
M - DICHLOROBENZENE		
P - DICHLOROBENZENE		
O – DICHLOROBENZENE		

TABLE 4B – TEST RESULTS ON GROUNDWATER SAMPLES FROM MONITORING WELLS PHASE II: CUSTOM-BILT METALS, AUBURN, WA

E2JK-POPPSDREW-2

SAMPLE NUMBER	PD-59	PD-60	PD-61	MTCA METHOD A
SAMPLE NUMBER	A,B,C,D-1- WA-7'	A,B,C,D-1- WA-7'	A,B,C,D-1- WA-6'	CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND
	(MW-1)	(MW-2)	(MW-3)	USE
PHOTOGRAPH#	#32	#33	#34	(hâ/r)
PID READING (PPM)				
ARSENIC (TOTAL)				5.0
CADMIUM (TOTAL)		WILLIAM		5.0
CHROMIUM III (TOTAL)	M			50,0
LEAD (TOTAL)				15.0
MERCURY (TOTAL)				2.0
DIESEL	ND < 200	ND < 200	ND < 200	2,000.0
HEAVY OIL	ND < 400	ND < 400	ND < 400	2,000.0
PAHS— CARCINOGENIC:	ND < 0.10	ND < 0.10	ND < 0.10	
BENZO(A)ANTHRACENE				
BENZO(A)PYRENE				0.10
BENZO(B+K) FLUORANTHENE INDENO(1,2,3-CD)PYRENE				
CHRYSENE				
DIBENZO(A,H) ANTHRACENE			,	
SUM OF CARCINOGENIC PAHS:				0.10
PAHs- NONCARCINOGENIC:	ND < 0.10	ND < 0.10	ND < 0.10	
ACENAPHTHYLENE				
ANTHRACENE				
BENZO(GHI)PERYLENE				
FLUORANTHENE			:	
FLUORENE				The state of the s
PHENANTHRENE				
ACENAPHTHENE				
NAPHTHALENE				
PYRENE				
VOCs: 1,2,4-TRICHLOROBENZENE		ND < 0.05	ND < 0.05	
1,2,4-TRIMETHYLBENZENE				
1,3,5-TRIMETHYLBENZENE				· 100 0.000
ETHYLBENZENE				700.0
ISOPROPYLTOLUENE				
TERT-BUTYLBENZENE				
NAPHTHALENES				160
N-PROPYLBENZENE				
SEC-BUTYLBENZENE				
TOLUENE				1,000.0
XYLENES	2.8			1,000.0
CHLOROBENZENE				
TRICHLOROETHENE				
M - DICHLOROBENZENE	6.4			
P - DICHLOROBENZENE	11			
O - DICHLOROBENZENE	17			

	ABORAT	ORY TES	TRESUL	.TS		
Sample Number	62A-1-		64A-1-	65A-1-	65B-1-	MTCA METHOD A CLEANUP
	SO-4"	\$0-1	SO-1.5	SO-1.5'	SO-4'	ACTION LEVELS
						FOR UNRESTRICTED
						LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	ND	6,600	1,200	ND	ND	2,000
Gasoline	ND	ND	ND		ND	30
Heavy Oil	ND	ND	ND	ND	ND	2,000
Heavy Metals & Tin (total)	115			ND		0.0
Cadmium	ND 7		3.0	ND ND		2.0
Chromium III	7		11	ND 120		2,000 250
Lead	970		1,300	120		200
Tin	ND		ND	ND		
PAHs-Carcinogenic Benzo(a)anthracene	ואט	ND	ואט	ND		
Benzo(a)pyrene		0.10				0.10
Benzo(b)fluoranthene	i	ND				
Benzo(k)fluoranthene		ND				
Chrysene		ND				
Dibenzo(a,h)anthracene		ND				
Indeno(1,2,3-cd)pyrene		ND				
Sum of Carcinogenic PAHs		0.10				0.10
PAHs-NonCarcinogenic	ND		ND	ND		
Anthracene		ND				
Acenaphthene		ND				
Fluoranthene		0.19				
Fluorene		ND				536
Naphthalene	-	ND			-	
Phenanthrene		0.35				
Pyrene		0.24				
PCBs	ND		ND			
A1254 VOCs	ND		עאו ן			
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene Benzene						0.03
tert-Butylbenzene					<u> </u>	5.99
Ethylbenzene					1	6.0
Isopropylbeneze		<u> </u>				
Naphthalene		88				5.0
n-Propylbenzene						
Toluene						7.0
Xylenes total						9.0

	ABORA1	ORY TES	T RESUI	_TS		
Sample Number	66A-1-	67A-1-	68A-1-	68B-1-	69A-1-	MTCA METHOD A CLEANUP
	SO-1.5'	SO-1.5'	SO-2'	SO-3.5'	SO-1'	ACTION LEVELS
		<i>\$</i>				FOR UNRESTRICTED
						LAND USE
Petroleum Hydrocarbons	ND	620	360	ND	180	(mg/Kg) 2,000
Diesel	ND	020	300	ND	100	30
Gasoline Heavy Oil	ND	ND	ND	ND	ND	2,000
Heavy Metals & Tin (total)						
Cadmium					ND	2.0
Chromium III				1	15	2,000
Lead					45	250
Tin	ND	ND			ND	
PAHs-Carcinogenic	ND	ND			IND	
Benzo(a)anthracene Benzo(a)pyrene						0.10
Benzo(b)fluoranthene			,			
Benzo(k)fluoranthene			1.00			
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene						0.40
Sum of Carcinogenic PAHs	ND	ND			ND	0.10
PAHs-NonCarcinogenic	ND	ND			IND	
Anthracene Acenaphthene						
Fluoranthene						
Fluorene						
Naphthalene						
Phenanthrene						
Pyrene				ļ		
PCBs 2						4.1
A1254						.
VOCs 1,2,4-Trimethylbenzene		 				
1,3,5-Trimethylbenzene						
Benzene			-			0.03
tert-Butylbenzene						
Ethylbenzene						6,0
Isopropylbeneze						
Naphthalene						5.0
n-Propylbenzene						7.0
Toluene						9.0
Xylenes – total				l		Parameter A.A.

	ABORAT	ORY TES	T RESUL	ITS		
Sample Number	69B-1-	70A-1-	70B-1-	71A-1-	71B-1-	MTCA METHOD
	SO-2'	SO-1.25'	SO-3'	SO-1.5'	SO-3'	A CLEANUP ACTION LEVELS
		\$				FOR UNRESTRICTED
						LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	ND	ND	ND	ND	ND	2,000
Gasoline						30
Heavy Oil	ND	ND	ND	ND	ND	2,000
Heavy Metals & Tin (total)						2.0
Cadmium						2,000
Chromium III						2,000
Lead						230
Tin PAHs-Carcinogenic	ND	ND	ND	ND	ND	
Benzo(a)anthracene	IND	110	146			
Benzo(a)pyrene	· .					0.10
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						3.742
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene						
Sum of Carcinogenic PAHs				\	N.5	0.10
PAHs-NonCarcinogenic	ND	ND	ND	ND	ND	
Anthracene					<u></u>	
Acenaphthene						- 122 - 122
Fluoranthene						
Fluorene Naphthalene						
Phenanthrene						
Pyrene						
PCBs						
A1254	0.20					1
PARTITION VOCS AND ADDRESS.						
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene						
Benzene						0.03
tert-Butylbenzene						
Ethylbenzene				ļ		6.0
Isopropylbeneze						En
Naphthalene						5.0
n-Propylbenzene						7.0
Toluene						9.0
Xylenes – total				<u> </u>		

	ABORA1	ORY TES	T RESUL	. TS		
Sample Number	72A-1-	72B-1-	73A-1-	73B-1-	74A-1-	MTCA METHOD A CLEANUP
	SO-1.5'	SO-3'	SO-1.5'	SO-3'	SO-1.5'	ACTION LEVELS
		<i>\$</i>				FOR UNRESTRICTED
						LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	ND	ND	ND	ND	ND	2,000
Gasoline			1.5	ND	ND	30
Heavy Oil	ND	ND	ND	ND	ND	2,000
Heavy Metals & Tin (total)					1.5	2.0
Cadmium				W V *	ND	2,000
Chromium III					170	2,000 250
Lead					170	200
Tin PAHs-Carcinogenic	ND	ND	ND		ND	
Benzo(a)anthracene						
Benzo(a)pyrene						0.10
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene			`			
Sum of Carcinogenic PAHs			ND		ND	0.10
PAHs-NonCarcinogenic	ND	ND	ND		ND	
Anthracene			<u> </u>			
Acenaphthene						100
Fluoranthene			<u> </u>			
Fluorene Naphthalene						
Phenanthrene						
Pyrene						
PCBs		-				
A1254						1
VOCs						
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene						
Benzene:						0.03
tert-Butylbenzene						0.0
Ethylbenzene						6.0
Isopropylbeneze						5.0
Naphthalene						ე.∪
n-Propylbenzene						7.0
Toluene Xylenes – total						9.0
Aylenes – total					1	3.9

	ABORA1	ORY TES	T RESUI	_TS		
Sample Number	74B-1-	75A-1-	76A-1-	77A-1-	78A-1-	MTCA METHOD A CLEANUP
	SO-3'	SO-3'	SO-5.5'	SO-1.5'	SO-1'	ACTION LEVELS
		:			:	FOR UNRESTRICTED
						LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	ND	ND	ND	ND	ND	2,000
Gasoline		NIS	400	ND	400	30
Heavy Oil	ND	ND	100	ND	100	2,000
Heavy Metals & Tin (total)						2.0
Cadmium Chromium III						2,000
Lead						250
Tin						
PAHs-Carcinogenic		ND	ND	ND	ND	
Benzo(a)anthracene						
Benzo(a)pyrene						0.10
Benzo(b)fluoranthene						28.
Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene						0.10
Sum of Carcinogenic PAHs		ND	ND	ND	ND	U.IU
PAHs-NonCarcinogenic Anthracene		ND	IND	IND	IND	
Acenaphthene						
Fluoranthene						
Fluorene						
Naphthalene						
Phenanthrene						
Pyrene						
PCBs			·			
A1254						1
VOCs						
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene						0.03
Benzene			<u> </u>			U.U3 '
tert-Butylbenzene Ethylbenzene						6.0
Isopropylbeneze						9.0
Naphthalene						5.0
n-Propylbenzene						
Toluene						7.0
Xylenes – total						9.0

	ABORAT	ORY TES	T RESUI	_TS		
Sample Number	79A-1-	80A-1-	81A-1-	82A-1-	83A-1-	MTCA METHOD A CLEANUP
	SO-1.5'	SO-6"	SO-6"	SO-9"	SO-6"	ACTION LEVELS
		*				FOR UNRESTRICTED
						LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	65	ND	ND	ND	ND	2,000
Gasoline			<u> </u>			30
Heavy Oil	ND	220	ND	7.30	ND	2,000
Heavy Metals & Tin (total)						2,0
Cadmium						2,000
Chromium III						2,000
Lead						230
Tin	ND	ND	ND	ND	ND	
PAHs-Carcinogenic	ND	ND	IND	IND	ND	
Benzo(a)anthracene						0.10
Benzo(a)pyrene						
Benzo(b)fluoranthene Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene						
Sum of Carcinogenic PAHs						0.10
PAHs-NonCarcinogenic	ND	ND	ND	ND	ND	
Anthracene						
Acenaphthene						
Fluoranthene						
Fluorene					ļ	
Naphthalene				ļ	<u> </u>	
Phenanthrene						
Pyrene		<u> </u>				
PCBs				-	<u> </u>	4
A1254		ND	+ NID			•
VOCs		ND	ND			
1,2,4-Trimethylbenzene				1	 	
1,3,5-Trimethylbenzene						0.03
Benzene to the Buttulbenzone						
tert-Butylbenzene						6,0
Ethylbenzene Isopropylbeneze						
Naphthalene						5.0
n-Propylbenzene						
Toluene						7.0
Xylenes – total						9.0

	ABORAT	ORYTES	T RESUI	TS	l e	
Sample Number	84A-1-	85A-1-	86A-1-	87A-1-	88A-1-	MTCA METHOD
	SO-15"	SO-15"	SO-18"	SO-18"	SO-12"	A CLEANUP ACTION LEVELS
		\$				FOR UNRESTRICTED
						LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	ND	ND	ND	ND	ND	2,000
Gasoline						30
Heavy Oil	ND	320	ND	ND	ND	2,000
Heavy Metals & Tin (total)						
Cadmium						2.0
Chromium III						2,000
Lead						250
Tin		N.D.	ND	ND	NID	
PAHs-Carcinogenic	ND	ND	ND	ND	ND	
Benzo(a)anthracene						0.10
Benzo(a)pyrene						0.10
Benzo(b)fluoranthene					<u> </u>	
Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene Sum of Carcinogenic PAHs						0.10
PAHs-NonCarcinogenic	ND	ND		ND	ND.	
Anthracene			ND			
Acenaphthene			ND			
Fluoranthene			0.19			
Fluorene			ND			
Naphthalene			ND			
Phenanthrene			ND			
Pyrene			ND		<u> </u>	
PCBs.						
A1254			-			
VOCs						
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene			 			0.03
Benzene						0.03
tert-Butylbenzene						6.0
Ethylbenzene						J.
Isopropylbeneze						5.0
Naphthalene Propylhonzopo		1				
n-Propylbenzene						7.0
Toluene Xylenes – total						9.0
Ayleries – tutai					and programme and a state of the commence of t	■ N. AMERICA PROGRAMMENTS TO BENEAU SELECTION OF SELECTI

	ABORAT	ORY TES	T RESUI	_TS		
Sample Number	89A-1-	90A-1-	91A-1-	92A-1-	93A-1-	MTCA METHOD A CLEANUP
	SO-2'	SO-3'	SO-1.5'	SO-15"	SO-18"	ACTION LEVELS
		\$		1000 0000 0000		FOR UNRESTRICTED
						LAND USE
Petroleum Hydrocarbons		\	ND		ND	(mg/Kg) 2,000
Diesel	ND	ND	ND	8,400	ND	2,000 30
Gasoline	ND	ND	210	670	ND	2,000
Heavy Oil	ND	עא .	210	070	NO	4,000
Heavy Metals & Tin (total) Cadmium				ND	ND	2.0
Chromium III				5	9	2,000
Lead				73	69	250
III						
PAHs-Carcinogenic	ND	ND	ND	ND	ND	
Benzo(a)anthracene						
Benzo(a)pyrene						0.10
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene						0.10
Sum of Carcinogenic PAHs	ND	ND	ND		ND	
PAHs-NonCarcinogenic Anthracene	IND	ND	110	15		
Acenaphthene				3.4		
Fluoranthene				ND		
Fluorene				16		
Naphthalene				3.0		
Phenanthrene				15		
Pyrene				ND		
PCBs/				1		
A1254				ND		$oldsymbol{1}$
VOCS COLUMN				2 4	0.10	
1,2,4-Trimethylbenzene			-	3.1	0.10 ND	
1,3,5-Trimethylbenzene		·	<u> </u>	0.92	ND	0.03
Benzene				0.27	ND	V.V Y
tert-Butylbenzene				1.1	ND	6.0
Ethylbenzene Isopropylbeneze			 	0.12	ND	
Naphthalene	·	· · · · ·		0.41	ND	5.0
n-Propylbenzene				0.51	ND	
Toluene				2.1	0.063	7.0
Xylenes – total				6.0	0.11	9.0

	ABORA	TORY TES	T RESUI	TS.		
Sample Number	94A-1- SO-1'	95A-1-1 SO-4	96A-1- SO-2'	97A-1- SO-2'	98A-1- SO-2.5'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED
						LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	ND	2,800	680	ND	95 ND	2,000
Gasoline	100	ND ND	ND	000	ND	30
Heavy Oil	130	ND	ND	390	ND	2,000
Heavy Metals & Tin (total)						2.0
Cadmium						2,000
Chromium III						250
Lead						200
Tin PAHs-Carcinogenic	ND					
Benzo(a)anthracene	ND					
Benzo(a)pyrene						0.10
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene						
Sum of Carcinogenic PAHs						0.10
PAHs-NonCarcinogenic	ND					
Anthracene						
Acenaphthene						
Fluoranthene						
Fluorene						
Naphthalene						
Phenanthrene						
Pyrene						
PCBs						1
A1254		ND	ND		ND	1
VOCs		עא	ND		IND	
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene						0.03
Benzene tert-Butylbenzene						
Ethylbenzene						6.0
Isopropylbeneze						
Naphthalene						5.0
n-Propylbenzene						
Toluene						7.0
Xylenes – total						9.0

L	ABORA	TORY TES	T RESUI	_TS		
Sample Number	99A-1-		101A-1-	102A-1-	103A-1-	MTCA METHOD A CLEANUP
	SO-2'	SO-33.77	SO-8'	SO-10'	SO-10'	ACTION LEVELS
	•					FOR UNRESTRICTED
						LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	660	6,500	ND	ND .	ND	2,000
Gasoline	ND	130	ND	ND	ND	30
Heavy Oil	ND	ND	ND_	ND	ND	. 2,000
Heavy Metals & Tin (total)						2.0
Cadmium						2,000
Chromium III						250
Lead						200
Tin PAHs-Carcinogenic						
Benzo(a)anthracene						
Benzo(a)pyrene						0.10
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						and experience are a
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene						
Sum of Carcinogenic PAHs						0.10
PAHs-NonCarcinogenic						
Anthracene						
Acenaphthene						
Fluoranthene					1	
Fluorene					<u> </u>	
Naphthalene						
Phenanthrene		-				
Pyrene						
PCBs 4						1
A1254 VOCs	ND		ND	ND	ND	
1,2,4-Trimethylbenzene	140	 	110			
1,3,5-Trimethylbenzene						
Benzene		0.29				0.03
tert-Butylbenzene						
Ethylbenzen e						6.0
Isopropylbeneze						
Naphthalene						5.0
n-Propylbenzene						
Toluene					ļ	7.0
Xylenes – total		0.19				9.0

	ABORAT	ORY TES	TRESUL	JTS		
Sample Number	104A-1-	105A-1-	106A-1-	107A-1-	113A-1-	MTCA METHOD A CLEANUP
	SO-10'	SO-10'	SO-11'	SO-12'	SO-3'	ACTION LEVELS
		<i>‡</i>				FOR UNRESTRICTED
	٠					LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	ND	ND	ND	ND	ND	2,000
Gasoline	ND	ND	ND	ND		30
Heavy Oil	ND	ND	ND	ND	ND	2,000
Heavy Metals & Tin (total)						
Cadmium						2.0
Chromium III						2,000
Lead						250
Tin					ND	
PAHs-Carcinogenic					עא	
Benzo(a)anthracene						0.10
Benzo(a)pyrene						U. IU
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Chrysene Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene						
Sum of Carcinogenic PAHs		•				0.10
PAHs-NonCarcinogenic			,		ND	
Anthracene						
Acenaphthene						
Fluoranthene						
Fluorene						
Naphthalene						
Phenanthrene						
Pyrene						
PCBs						
A1254						1
VOCs.	ND	ND	ND_	ND		
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene						
Benzene				1		0.03
tert-Butylbenzene			1		<u> </u>	0.0
Ethylbenzene						6.0
Isopropylbeneze						EO
Naphthalene						5.0
n-Propylbenzene						7.0
Toluene						7.0 9.0
Xylenes – total						Prince a.U

	ABORAT	ORY TES	TRESUL	_TS	tares of	
Sample Number	114A-1-	115A-1-	116A-	117A-	118A-	MTCA METHOD A CLEANUP
	SO-2"	SO-1'	SO-1-	SO-1-	SO-1-	ACTION LEVELS
		\$	1.5'	1.5'	1.25'	FOR UNRESTRICTED
						LAND USE
Petroleum Hydrocarbons					·	(mg/Kg)
Diesel	ND	ND	ND	ND	ND	2,000
Gasoline						30
Heavy Oil	430	67	ND	ND	65	2,000
Heavy Metals & Tin (total)						
Cadmium				ND		2.0
Chromium III				ND		2,000
Lead				8		250
Tin				8.4		
PAHs-Carcinogenic		ND	ND	ND	ND	
Benzo(a)anthracene	0.12					0.40
Benzo(a)pyrene	0.12					0,10
Benzo(b)fluoranthene	0.20					
Benzo(k)fluoranthene	0.20					EDSEACH SAINE
Chrysene	0.12					
Dibenzo(a,h)anthracene	ND					
Indeno(1,2,3-cd)pyrene	0.21					0.10
Sum of Carcinogenic PAHs	0.97	ND		ND	ND	U. IU
PAHs-NonCarcinogenic	0.40	ND	ND	עא	IND	
Anthracene	0.18		ND			
Acenaphthene	ND 0.22		0.18			
Fluoranthene	ND		ND			
Fluorene	ND		ND			
Naphthalene	0.18		ND			
Phenanthrene	0.10		0.19			
Pyrene PCBs	0.22		0.10			
A1254					 	1
VOCs						
1,2,4-Trimethylbenzene						and the second second second
1,3,5-Trimethylbenzene						
Benzene						0.03
tert-Butylbenzene						
Ethylbenzene						6.0
Isopropylbeneze						
Naphthalene						5.0
n-Propylbenzene						
Toluene						7.0
Xylenes total						9.0

	ABORA'	TORY TES	TRESU	_TS		
Sample Number	119A-1- SO- 1.75'		121A-1- SO-1'	122A-1- SO- 1.25'	123A-1- SO-1.5'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
Petroleum Hydrocarbons Diesel	ND	ND ND	ND	ND	150	(mg/Kg) 2,000
Gasoline Heavy Oil	260	ND	ND	220	120	30 2,000
Heavy Metals & Tin (total)			ND		ND	2.0
Chromium III Lead			8 14		10 270	2,000 250
Tin PAHs-Carcinogenic	ND		ND ND	ND	7 ND	
Benzo(a)anthracene Benzo(a)pyrene		ND ND				0.10
Benzo(b)fluoranthene Benzo(k)fluoranthene		ND ND				
Chrysene Dibenzo(a,h)anthracene		0.12 ND ND				
Indeno(1,2,3-cd)pyrene Sum of Carcinogenic PAHs PAHs-NonCarcinogenic	ND	0.12	ND	ND	ND	0.10
Anthracene Acenaphthene	ND .	ND ND				
Fluoranthene Fluorene		0.18 ND				
Naphthalene Phenanthrene		ND ND				
Pyrene PCBs		0.19				
A1254 VOCs						1
1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene						0.03
Benzene tert-Butylbenzene						6.0
Ethylbenzene Isopropylbeneze						5.0
Naphthalene n-Propylbenzene						7.0
Toluene Xylenes – total						9.0

	LAB	ORATO	RY TEST	RESUL	TS		
Sample Number	124A-1- SO-1'		126A-1- SO- 1.25	127A-1- SO-1'	128A-1- SO-9"	129A-1- SO-2'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTE D LAND USE
Petroleum Hydrocarbons Diesel	ND	ND	ND	ND	ND	ND	(mg/Kg) 2,000
Gasoline Heavy Oil Heavy Metals & Tin (total)	ND	ND	ND	ND	ND	ND	2,000 2,000
Cadmium Chromium III Lead Tin							2,000 250
PAHs-Carcinogenic Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene	ND	ND	ND 0.26 0.14	ND	ND	ND	0.10
Benzo(k)fluoranthene Chrysene Dibenzo(a,h)anthracene			0.14 ND 0.25 0.18				
Indeno(1,2,3-cd)pyrene Sum of Carcinogenic PAHs PAHs-NonCarcinogenic	ND	ND	0.18 0.97 ND	ND	ND	ND	0.10
Anthracene Acenaphthene Fluoranthene Fluorene							
Naphthalene Phenanthrene Pyrene	·						
PCBs A1254 VOCs 1,2,4-Trimethylbenzene							
1,3,5-Trimethylbenzene Benzene tert-Butylbenzene Ethylbenzene							0.03
Isopropylbeneze Naphthalene n-Propylbenzene							5.0
Toluene Xylenes – total							7.0 9.0

	ABORA	TORY TES	TRESU	LTS		
Sample Number	130A-1- SO-1'	131A-SO- 1.25'	132A-1- SO-2'	133A-1- SO-1.5	143A-1- SO-15"	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	ND	ND	ND	290	ND	2,000
Gasoline						30
Heavy Oil	ND	ND	ND	4,100	ND	2,000
Heavy Metals & Tin (total) Cadmium					ND	2.0
Chromium III					ND	2,000
Lead					91	250
Tin 2					14.2	
PAHs-Carcinogenic		ND	ND		ND	
Benzo(a)anthracene				0.13		
Benzo(a)pyrene				0.15		0.10
Benzo(b)fluoranthene				ND		
Benzo(k)fluoranthene				ND		
Chrysene				ND		
Dibenzo(a,h)anthracene				ND ND		
Indeno(1,2,3-cd)pyrene				0.28		0.10
Sum of Carcinogenic PAHs PAHs-NonCarcinogenic			ND		ND	
Anthracene		ND	1	0.16		
Acenaphthene		ND		ND		
Fiuoranthene		0.13		ND		
Fluorene		ND		ND		
Naphthalene		ND		ND		
Phenanthrene		ND		0.16		
Pyrene		ND	<u> </u>	0.21		
PCBs						
A1254						
VOCS						
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene Benzene						0.03
tert-Butylbenzene						-114
Ethylbenzene						6.0
Isopropylbeneze						
Naphthalene						5.0≕
n-Propylbenzene						
Toluene						7.0
Xylenes – total						9.0

	ABORAT	ORY TES	TRESU	_TS		
Sample Number	143B-1-	144A-1-	144B-1-	145A-1-	145B-1-	MTCA METHOD A CLEANUP
	SO-3'	SO-15"	SO-3'	SO-15"	SO-3'	ACTION LEVELS
		<i>\$</i>		1		FOR UNRESTRICTED
						LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	ND	ND	ND	ND	ND	2,000
Gasoline	ND	ND	ND	ND	ND	30 2,000
Heavy Oil	ND	ND	ND	עא	ND	2,000
Heavy Metals & Tin (total)		ND		ND	<u> </u>	2.0
Cadmium III		ND		ND		2,000
Lead		37	·	83	<u> </u>	250
Tin		ND		ND		
PAHs-Carcinogenic	ND	ND	ND	ND	ND	
Benzo(a)anthracene						
Benzo(a)pyrene						0.10
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene						0.40
Sum of Carcinogenic PAHs	ND	ND	ND	ND	ND	0.10
PAHs-NonCarcinogenic	ND	ND	ND	IND	טא	
Anthracene						
Acenaphthene Fluoranthene						
Fluorene						
Naphthalene		-				
Phenanthrene						
Pyrene						
PCBs						
A1254						1
Table Communication VOCs						
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene						0.00
Benzene						0.03
tert-Butylbenzene						en
Ethylbenzene						6.0
Isopropylbenezé						5.0
Naphthalene						9.9
n-Propylbenzene					<u> </u>	7.0
Toluene Xylenes – total						9.0
Aylettes – total				<u> </u>		Particle Y. Market St.

L	ABORAT	ORY TES	T RESUI	TS		
Sample Number	146A-1-	146B-1-	147A-1-	147B-1-	148A-1-	MTCA METHOD
	SO-15"	SO-3'	SO-15"	SO-3'	SO-15"	A CLEANUP ACTION
		\$				LEVELS FOR
	:					UNRESTRICTE D LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	ND	ND	ND	ND	ND	2,000
Gasoline						30
Heavy Oil	900	ND	ND	ND	ND	2,000
Heavy Metals & Tin (total)						
Cadmium						2.0
Chromium III						2,000
Lead						250
Tin	ND	NID	ND	ND	ND	
PAHs-Carcinogenic	ND	ND	עאו	IND	עאו ן	
Benzo(a)anthracene						0.10
Benzo(a)pyrene Benzo(b)fluoranthene						9.19
Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene						
Sum of Carcinogenic PAHs						0.10
PAHs-NonCarcinogenic	ND	ND	ND	ND	ND	
Anthracene						
Acenaphthene						
Fluoranthene						
Fluorene Naphthalene						
Phenanthrene						200 D. 10 DE.
Pyrene						
and the property of PCBs						
A1254						1
VOCs						
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene						
Benzene						0,03
tert-Butylbenzene						60
Ethylbenzene						6.0
Isopropylbeneze						5,0
Naphthalene n-Propylbenzene			 			
Toluene						7.0
Xylenes – total						9.0
Ayıcı icə — total			<u> </u>			

	ABORA1	ORY TES	T RESU	LTS		
Sample Number	148B-1-	149A-1-	149B-1-	150A-1-	150B-1-	MTCA METHOD
	SO-3'	SO-15"	SO-3'	SO-15"	SO-3'	A CLEANUP ACTION
		<i>‡</i>				LEVELS FOR
						UNRESTRICTE
						D LAND USE
Petroleum Hydrocarbons	ND	ND	ND	ND	ND	(mg/Kg)
Diesel	ND	ND	ND	טא	NU	2,000 30
Gasoline	ND	ND	ND	500	ND	2,000
Heavy Oil	ND	ND	ND	300	IND	2,000
Heavy Metals & Tin (total)						2.0
Cadmium						2,000
Chromium III						250
Lead						
Tin PAHs-Carcinogenic	ND	ND	ND	ND		
Benzo(a)anthracene	110	110		,,,=		
Benzo(a)pyrene						0.10
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene						
Sum of Carcinogenic PAHs						0.10
PAHs-NonCarcinogenic	ND	ND	ND	ND		
Anthracene						
Acenaphthene						
Fluoranthene						
Fluorene						
Naphthalene						
Phenanthrene						
Pyrene						
PCBs PCBs						
A1254						
Vocs					-	
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene						0.03
Benzene						0.03
tert-Butylbenzene						6.0
Ethylbenzene						U.U
Isopropylbeneze					 	5.0
Naphthalene						
n-Propylbenzene Toluene						7.0
Xylenes – total						9.0

	ABORAT	ORY TE	STRESU	_TS		
Sample Number	151A-1-	151B-1-	152A-1-	152B-1-	153A-1-	MTCA METHOD
	SO-15"	SO-3'	SO-15"	SO-3'	SQ-15"	A CLEANUP ACTION
		\$				LEVELS FOR
						UNRESTRICTE D LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diese	ND	ND	ND	ND	80	2,000
Gasoline		.,,				30
Heavy Oil	ND	ND	ND	ND	2,000	2,000
Heavy Metals & Tin (total)						
Cadmium						2.0
Chromium III						2,000
Lead						250
Tin de la						
PAHs-Carcinogenic						
Benzo(a)anthracene						
Benzo(a)pyrene						0.10
Benzo(b)fluoranthene						
Benzo(k)fluoranthene				:		
Chrysene						
Dibenzo(a,h)anthracene	•					
Indeno(1,2,3-cd)pyrene						0.10
Sum of Carcinogenic PAHs						
PAHs-NonCarcinogenic Anthracene						
Acenaphthene						
Fluoranthene	A					
J Fluorene						
Naphthalene						
Phenanthrene						
Pyrene						
PCBs						
A1254						1
VOCs						
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene						
Benzene						0.03
tert-Butylbenzene						
Ethylbenzene						6.0
Isopropylbeneze					-	F 7
Naphthalene				<u> </u>		5.0
n-Propylbenzene			ļ			7.0
Toluene						The Hill Condition of the Artifact Appropriately in the con-
Xylenes – total						9.0

	ABORA'	TORY TES	T RESU	LTS	l Na disent	
Sample Number	153B-1- SO-3'	154A-1- \$0-15".	154B-1- SO-3'	155A-1- SO-15"	155B-1- SO-3'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTE D LAND USE
Petroleum Hydrocarbons	ND	2,100	ND	ND	ND	(mg/Kg) 2,000
Diesel Gasoline	IND	<i>2</i> , 100	ND	110	110	30
Heavy Oil	ND	ND	ND	ND	ND	2,000
Heavy Metals & Tin (total)						
Cadmium						2.0
Chromium III						2,000
Lead						250
Tin						
PAHs-Carcinogenic				ND		
Benzo(a)anthracene						0.40
Benzo(a)pyrene						0.10
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Chrysene						The Control of Section 1
Dibenzo(a,h)anthracene Indeno(1,2,3-cd)pyrene						
Sum of Carcinogenic PAHs						0.10
PAHs-NonCarcinogenic		-		ND		
Anthracene						
Acenaphthene						
Fluoranthene						
Fluorene						
Naphthalene						
Phenanthrene						
Pyrene						
PCBs PCBs						
A1254						1
VOCs						
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene					<u> </u>	0.03
Benzene						U.U3
tert-Butylbenzene						6.0
Ethylbenzene				1		9.0
Isopropylbeneze				1		5.0
Naphthalene						
n-Propylbenzene Toluene						7.0
Xylenes – total						9.0

	ABORA1	ORY TES	T RESUI	TS		
Sample Number	156A-1-	156B-1-	157A-1-	157B-1-	158A-1-	MTCA METHOD
	SO-15"	SO-3'	SO-15"	SO-3'	S _. O-2'	A CLEANUP ACTION
		\$				LEVELS FOR
						UNRESTRICTE
						D LAND USE
Petroleum Hydrocarbons	ND	ND	ND	ND	ND	(mg/Kg) 2,000
Diesel	ND	ND	ND	טא	טאו	3.0
Gasoline	190	ND	220	ND	ND	2,000
Heavy Oil	190	שא	220	IND	ND	2,000
Heavy Metals & Tin (total)						2.0
Cadmium						2,000
Chromium III						250
Lead Tin						
PAHs-Carcinogenic					ND	
Benzo(a)anthracene						
Benzo(a)pyrene						0.10
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene		_				
Sum of Carcinogenic PAHs						0.10
PAHs-NonCarcinogenic					ND	
Anthracene						
Acenaphthene						
Fluoranthene						
Fluorene						
Naphthalene					 	
Phenanthrene				1	l l	
Pyrene						
PCBs						1
A1254						.
VOCS VOCS						
1,2,4-Trimethylbenzene				 		
1,3,5-Trimethylbenzene	:			-	1	0.03
Benzene						V.VV
tert-Butylbenzene		1		1		6.0
Ethylbenzene Isopropylbenaze			 			
Isopropylbeneze						5.0
					 	7.0
						A CONTRACTOR OF THE PROPERTY O
Naphthalene n-Propylbenzene Toluene Xylenes – total						7.0 9.0

	ABORAT	ORY TES	TRESU	TS		
Sample Number	159A-1- SO-2'	160A-1- SO-2'	161A-1- SO-2'	162A-1- SO-2'	163A-1- SO-2'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTE D LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	ND	ND	ND	ND	ND	2,000
Gasoline			ND	ND	ND	30
Heavy Oil	190	ND	ND	ND	ND	2,000
Heavy Metals & Tin (total)						2.0
Cadmium						2,000
Chromium III						250
Lead Tin						
PAHs-Carcinogenic						
Benzo(a)anthracene						
Benzo(a)pyrene						0,10
Benzo(b)fluoranthene		·				
Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene			<u> </u>			
Indeno(1,2,3-cd)pyrene						0.10
Sum of Carcinogenic PAHs						0.10
PAHs-NonCarcinogenic						
Anthracene						
Acenaphthene Fluoranthene						
Fluorene						
Naphthalene						
Phenanthrene						
Pyrene						
PCBs	į					
A1254						1
ANALYSIS VOCS						
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene						0.00
Benzene						0,03
tert-Butylbenzene					-	6.0
Ethylbenzene	2 2					0.0
Isopropylbeneze					-	5.0
Naphthalene	7.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5				 	
n-Propylbenzene	Š					7.0
Toluene Xylenes – total						9.0

	ABORA'	TORY TES	T RESUI	LTS		
Sample Number	164A-1- SO-2'	165A-1- SO-2'	166A-1- SO-2'	167A-1- SO-2'	168A-1- SO-2'	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTE D LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diesel	ND	110	ND	ND	ND	2,000
Gasoline		1 100	4.400	ND	ND	30
Heavy Oil	470	1,100	1,400	ND	ND	2,000
Heavy Metals & Tin (total)						2.0
Cadmium	*					2,000
Chromium III						250
Tin						
PAHs-Carcinogenic	ND					
Benzo(a)anthracene		0.44				
Benzo(a)pyrene		ND				0.10
Benzo(b)fluoranthene		ND				
Benzo(k)fluoranthene		ND				
Chrysene		0.41				
Dibenzo(a,h)anthracene		ND				
Indeno(1,2,3-cd)pyrene		0.10				0.40
Sum of Carcinogenic PAHs		0.95				0.10
PAHs-NonCarcinogenic	ND					
Anthracene						
Acenaphthene						
Fluoranthene		(
Fluorene						
Naphthalene Phenanthrene						
Pyrene						
PCBs						
A1254						1
VOCS VOCS						
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene						
Benzene						0.03
tert-Butylbenzene						
Ethylbenzene						6.0
Isopropylbeneze						FO
Naphthalene		-		ļ		5.0
n-Propylbenzene						7.0
Toluene						9.0
Xylenes – total						J.U.

	ABORAT	ORY TES	TRESU	TS		
Sample Number	169A-1-	193A-1-	194A-1-	195A-1-	210A-1-	MTCA METHOD A CLEANUP
	SO-2'	SO-1.5'	SO-1.5'	SO-1.5	SO-1'	ACTION
		*			!	LEVELS FOR
						UNRESTRICTE D LAND USE
Petroleum Hydrocarbons						(mg/Kg)
Diese	ND	ND	ND	ND	ND	2,000
Gasoline						30
Heavy Oil	ND	ND	ND	42	120	2,000
Heavy Metals & Tin (total)						0.0
Cadmium						2.0
Chromium III						2,000 250
Lead						230
Tin						
PAHs-Carcinogenic Benzo(a)anthracene						Garago de la composição d Composição de la composição de
Benzo(a)pyrene						0.10
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene						0.40
Sum of Carcinogenic PAHs			 			0.10
PAHs-NonCarcinogenic						
Anthracene						
Acenaphthene						
Fluoranthene						
Fluorene Naphthalene						
Phenanthrene						
Pyrene						
PCBS						
A1254						1
VOCs Vocs			·			
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene					<u> </u>	0.00
Benzene						0.03
tert-Butylbenzene			_			6.0
Ethylbenzene						
Isopropylbeneze				 		5.0
Naphthalene n Propylhenzene						
n-Propylbenzene Toluene						7.0
Xylenes – total						9.0

	ABORAT	ORYTES	T RESUL	TS	
Sample Number	211A-1- SO-1'	212A-1- SO-1.5'	213A-1- SO-1'		MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTE D LAND USE
Petroleum Hydrocarbons					(mg/Kg)
Diesel	ND	ND	ND		2,000
Gasoline					30
Heavy Oil	ND	ND	ND		2,000
Heavy Metals & Tin (total)					- 0
Cadmium					2.0
Chromium III					2,000 250
Lead					230
Tin		ND			
PAHs-Carcinogenic		שא			
Benzo(a)anthracene		:			0.10
Benzo(a)pyrene					
Benzo(b)fluoranthene Benzo(k)fluoranthene					
Chrysene					
Dibenzo(a,h)anthracene					
Indeno(1,2,3-cd)pyrene					
Sum of Carcinogenic PAHs					0.10
PAHs-NonCarcinogenic		ND			
Anthracene					
Acenaphthene					
Fluoranthene					
Fluorene					
Naphthalene					
Phenanthrene					
Pyrene					
PCBs					
A1254					
VOCs					
1,2,4-Trimethylbenzene					
1,3,5-Trimethylbenzene					0.03
Benzene					U.U3
tert-Butylbenzene					6.0
Ethylbenzene					
Isopropylbeneze					5.0
Naphthalene Brandhanzana					
n-Propylbenzene Toluene					7.0
Xylenes – total					9.0
Aylettes – total					

	LABORATORY TEST RESULTS						
Sample Number	108A-1- WA-9.5' Below UST	140A- WA-SFC	141A- WA-SFC	142A- WA-SFC	170A- WA-SFC	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE	
Petroleum Hydrocarbons						(μg/L)	
Diesel	ND	ND	ND	ND	ND	500	
Gasoline	ND	ND				1,000	
Heavy Oil	ND	ND	ND	ND	ND	500	
Heavy Metals & Tin (total)							
Cadmium						5.0	
Chromium III						50 15	
Lead						10	
Tin				ND			
PAHs-Carcinogenic		ND	ND_	ND			
Benzo(a)anthracene						0.10	
Benzo(a)pyrene						U. IU	
Benzo(b)fluoranthene							
Benzo(k)fluoranthene							
Chrysene				<u> </u>			
Dibenzo(a,h)anthracene							
Indeno(1,2,3-cd)pyrene						0.10 *	
Sum of Carcinogenic PAHs		ND.	ND	ND		0.10	
PAHs-NonCarcinogenic		ND_	עאו	IND			
Anthracene							
Acenaphthene				<u> </u>			
Fluoranthene							
Fluorene				-			
Naphthalene							
Phenanthrene							
Pyrene							
PCBs							
A1254	N.D.	NID	I NID	ND			
VOCS COLUMN	ND	ND_	ND	ND			
1,2,4-Trimethylbenzene							
1,3,5-Trimethylbenzene						5.0	
Benzene					-		
tert-Butylbenzene						700	
Ethylbenzene	3 3						
Isopropylbeneze						160	
Naphthalenes						I UU	
n-Propylbenzene		<u> </u>				1,000	
Toluene			<u> </u>			1,000	
Xylenes – total		[1,000	

	LABOR#	ATORY T	EST RE	SULTS		
Sample Number	171A- WA-SFC	172A- WA-SFC	173A- WA-SFC	174A- WA-SFC	175A- WA-SFC	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
Petroleum Hydrocarbons				·		(µg/L)
Diesel	ND	ND	ND	ND	ND	500
Gasoline						1,000
Heavy Oil	ND	ND	ND	ND	ND	500
Heavy Metals & Tin (total)						F.0
Cadmium						5,0
Chromium III						50 15
Lead						(10
Tin						
PAHs-Carcinogenic						
Benzo(a)anthracene						0.10
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene						
Indeno(1,2,3-cd)pyrene						0.10
Sum of Carcinogenic PAHs						
PAHs-NonCarcinogenic						
Anthracene						
Acenaphthene						
Fluoranthene						
Fluorene						
Naphthalene Dhananthrone						
Phenanthrene						
Pyrene PCBs						
A1254						
VOCs						
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene						
Benzene						5.0
tert-Butylbenzene						
Ethylbenzene						700
Isopropylbeneze						
Naphthalenes						160
n-Propylbenzene			,			
Toluene						1,000
Xylenes – total						1,000

	LABORA	ATORY T	EST RE	SULTS		
Sample Number	176A- WA-SFC	177A- WA-SFC	178A- WA-SFC	179A- WA-SFC	180A- WA-SFC	MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE
Petroleum Hydrocarbons						(µg/L)
Diesel	ND	ND	ND	ND	ND	→ 500
Gasoline				115	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1,000
Heavy Oil	ND	9,000	ND	ND_	ND	500
Heavy Metals & Tin (total)						- ^
Cadmium						5.0
Chromium III						50
Lead						15
Tin						
PAHs-Carcinogenic						
Benzo(a)anthracene						0.10
Benzo(a)pyrene						7. I V
Benzo(b)fluoranthene				<u> </u>		
Benzo(k)fluoranthene						
Chrysene						
Dibenzo(a,h)anthracene	• .				-	
Indeno(1,2,3-cd)pyrene Sum of Carcinogenic PAHs						0.10
PAHs-NonCarcinogenic						
Anthracene						
Acenaphthene						
Fluoranthene						
Fluorene						
Naphthalene						10. 1976 and 1976 and 1976
Phenanthrene						
Pyrene						
PCBs						
A1254						
VOCS						
1,2,4-Trimethylbenzene						
1,3,5-Trimethylbenzene						
Benzene						5.0
tert-Butylbenzene						
Ethylbenzene						700
Isopropylbeneze						
Naphthalenes						160
n-Propylbenzene						
Toluene						1,000
Xylenes – total						1,000

	LABORATORY TEST RESULTS						
Sample Number	181A- WA-SFC	*		MTCA METHOD A CLEANUP ACTION LEVELS FOR UNRESTRICTED LAND USE			
Petroleum Hydrocarbons				(µg/L)			
Diesel	ND			500			
Gasoline				1,000			
Heavy Oil	ND			500			
Heavy Metals & Tin (total)							
Cadmium				5.0			
Chromium III				50			
Lead				15			
Tin							
PAHs-Carcinogenic							
Benzo(a)anthracene							
Benzo(a)pyrene				0.10			
Benzo(b)fluoranthene							
Benzo(k)fluoranthene	*						
Chrysene							
Dibenzo(a,h)anthracene							
Indeno(1,2,3-cd)pyrene							
Sum of Carcinogenic PAHs				0.10			
PAHs-NonCarcinogenic							
Anthracene							
Acenaphthene							
Fluoranthene							
Fluorene							
Naphthalene							
Phenanthrene							
Pyrene							
PCBs							
A1254							
VOCs							
1,2,4-Trimethylbenzene							
1,3,5-Trimethylbenzene							
Benzene Benzene				5.0			
tert-Butylbenzene							
Ethylbenzene				700			
Isopropylbeneze							
Naphthalenes				160			
n-Propylbenzene							
Toluene				1,000			
Xylenes – total				1,000			

APPENDIX B

PHOTODOCUMENTATION OF SITE REMEDIATION

Photo Index of Pre-and Post-Remediation Sample Locations
Site Photographs

Table 1

Photo Index of Pre- and Post-Remediation Sampling Locations

	Before Reme	diation		After Remed	-2.2.2.4.4.7.4.4.4.4.4.4.4.4.4.4.4.4.4.4.
Stripper :	িলোলিলালিল ক্রিন্তি	Photograph Numbers	Sample :: Number:	Collegion Date	Photographe Numba
2A-1.5'	5/15/01	10 (Phase II)	119A-1.75'	9/24/01	10 (Phase III)
4A-1'	5/15/01	11, 12 (Phase II)	28A-1.5'	7/5/01	10 (Phase III)
6A-1'	5/15/01	14 (Phase II)	66A-1.5'	8/31/01	2, 10 (Phase III)
8A-1'	5/15/01	15 (Phase II)	93A-1.5'	9/7/01	21 (Phase III)
20A-2' Water	5/15/01	13, 17 (Phase II)	MW3 - 6'-	7/11/01	34 (Phase II)
20,12 (1010)			Water		
22A-2'	5/15/01	16 (Phase II)	75A-3'	8/31/01	21, 22 (Phase III)
26A-1.5'	5/15/01	25 (Phase II)	119A-1.75'	9/24/01	8, 10 (Phase III)
37A-1.5'	7/6/01	29 (Phase II)	Remediated t		58 (Phase III)
41B-3'	7/6/01	28 (Phase II)	Remediated b		57 (Phase III)
44A-1.5'	7/6/01	6 (Phase II) 3, 13 (Phase III)	42B-3'	7/6/01	22 (Phase III)
47A-0.17'	7/6/01	22 (Phase II)	47C-3'	7/6/01	20, 26, 27
4774-0.17	7,0,01	5 (Phase III)			(Phase III)
51A-1.5'	7/6/01	38, 39 (Phase III)	158A-2'	11/9/01	42, 52 (Phase III)
0 1,7 1.10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		84A-1.25'	9/5/01	
52A-1.5'	7/6/01	23 (Phase II)	164A-2'	11/9/01	42, 52 (Phase III)
		38 (Phase III)			00 (5)
62A-4'	8/31/01	15, 17 (Phase III)	Debris in the concrete pit was disposed of		22 (Phase III)
2014	0/04/04	O (Dhace II)	79A-1.5'	8/31/01	22 (Phase III)
63A-1'	8/31/01	9 (Phase II)	68B-3.5'	8/31/01	LL (1 11000 m)
C4A 4 51	8/31/01	15 (Phase III)	Debris on top		22 (Phase III)
64A-1.5'	0/31/01	15 (Friase III)	was disposed		
92A-1.25'	9/7/01	14, 18 (Phase III)	93A-1.5'	9/7/01	21, 26, 27
				·	(Phase III)
95A-4'	9/7/01	32, 34 (Phase III)	103A-10'	9/14/01	35, 36 (Phase III)
100A-3'	9/7/01	31, 32, 34 (Phase III)	104A-10'	9/14/01	35, 36 (Phase III)
114A-0.17'	9/24/01	6 (Phase II)	44B-3'	7/6/01	22 (Phase III)
		13 (Phase III)		6 10 1 10 1	04 00 (Db III)
120A-1'	9/24/01	4 (Phase III)	75A-3'	8/31/01	21, 22 (Phase III)
123A-1.5'	9/24/01	14 (Phase III)	Sediment (1/2	inch) in the 8	20 (Phase III)
1000 1051	0/04/04	5 (Dhana III)	inch clay pipe 89A-2'	9/5/01	26, 27 (Phase III)
126A-1.25'	9/24/01	5 (Phase III)	42A-2'	7/6/01	10 (Phase III)
133A-1.5'	9/24/01	8 (Phase II) 4 (Phase III)	74/1-4		
153A-1.25'	11/8/01	38 (Phase III)	153B-3'	11/8/01	42, 52 (Phase III)
154A-1.25'	11/9/01	20 (Phase II)	154B-3'	11/9/01	50, 51 (Phase III)
165A-2'	11/9/01	38, 40 (Phase III)	149B-31	11/8/01	42 (Phase III)
			² 150B-3'	11/8/01	
177A-Water	11/9/01	51 (Phase III)	178A-Water	11/9/01	51, 53 (Phase III)



Photo #1: View of equipment and rolls of steel stored on the asphalt slab located just south of the concrete "up ramp," facing south. This photograph was taken prior to remediation. Photo taken on 4/18/01.

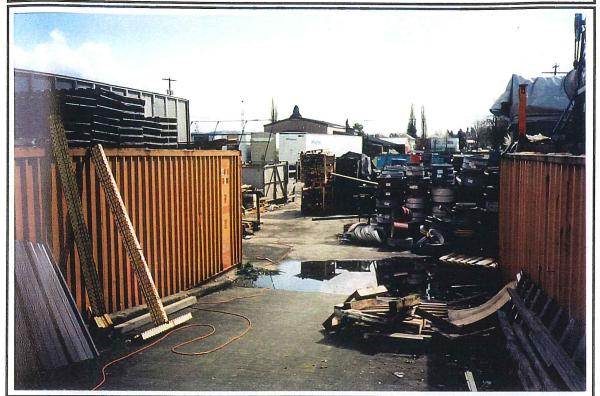


Photo #2: View of overgrown brambles located adjacent to the north of the Custom-Bilt Metals building, facing west. The brambles were cleared out prior to the Phase II Environmental Site Assessment. Photo taken on 4/18/01.





Photo #3: Property stored on the Westwater Construction site prior to remediation, facing south towards the school. This photograph was taken while assessing the two concrete slabs. Photo taken on 5/15/01.



Photo #4: Assessing the soil adjacent to the north of the Custom-Bilt Metals building, facing east. Photo taken on 5/15/01.





Photo #5: Photograph depicting the approximately 6" thick bluish-grey layer of PAH contaminated fill material, facing north towards the Custom-Bilt Metals building. Photo taken on 5/15/01.

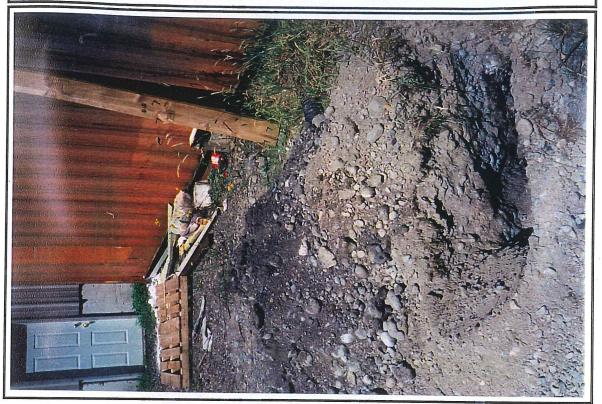


Photo #6: Assessing the soil near the northern portion of the Westwater Construction site prior to remediation, facing north. Photo taken on 5/15/01.





Photo #7: View of the Custom-Bilt Metals property after removing most of the equipment located south of the building, facing southeast. Photo taken on 7/5/01.

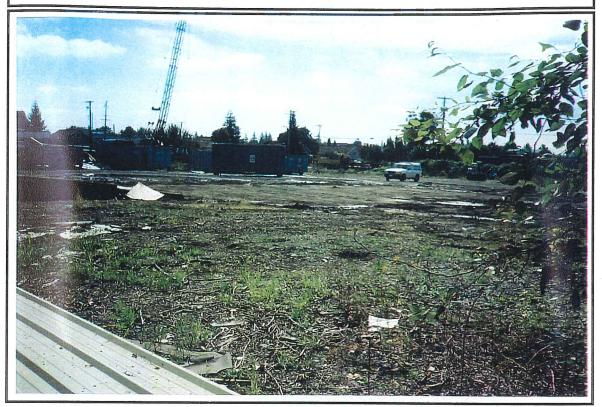


Photo #8: Photograph depicting equipment stored near the southwest corner of the Custom-Bilt Metals building prior to remediation, facing east. Several oil stains were observed in this area. Photo taken on 7/5/01.





Photo #9: Photograph depicting stained area (in the foreground) near the southwest corner of the Custom-Bilt Metals building prior to soil remediation, facing southeast. Photo taken on 7/5/01.

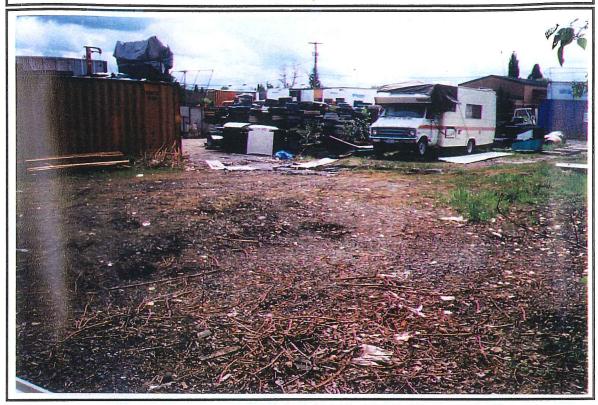


Photo #10: View of stained soil located south of the southwest corner of the Custom-Bilt Metals building prior to soil remediation, facing north. Photo taken on 7/5/01.





Photo #11: Photograph depicting the constructed storage area for the stockpiled soil prior to soil remediation, facing north. Photo taken on 7/5/01.



Photo #12: View of the concrete lined pit located just east of the concrete slabs on the Westwater Construction site, facing southleast. The pit was full of old tin, bricks, metal pipes, automobile parts, wire and fill material. Photo taken on 8/29/01.





Photo #13: View of some of the industrial debris placed in the concrete pit shown in Photograph #12, facing northwest. Photo taken on 8/29/01.



Photo #14: Photograph depicting the first load of contaminated fill material excavated from the subject property, facing southeast. This material was unearthed adjacent to the two concrete slabs on the Westwater Construction Site. Photo taken 8/29/01.

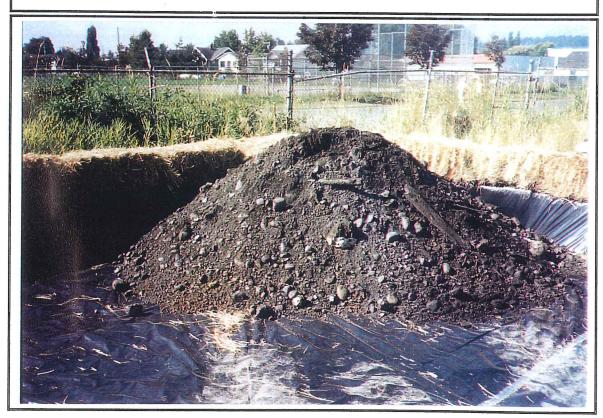




Photo #15: View of several old concrete footings unearthed on the central portion of the Westwater Construction site, facing southeast. PAH contaminated soil is depicted in the right portion of the photograph under the excavator. Photo taken on 8/29/01.



Photo #16: Photograph depicting the types of soil (fill) unearthed on the subject property, facing southwest. From the foreground; peaty soil, clean sandy gravel fill, heavy oil contaminated fill, blue-grey PAH contaminated fill, and cinders. Photo taken on 8/29/01.

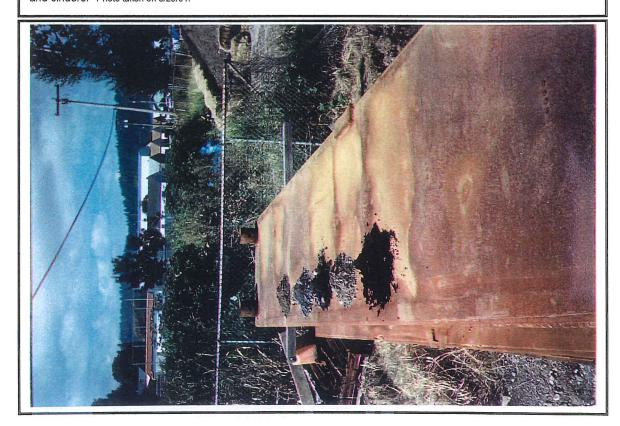




Photo #17: Photograph depicting, (from right to left), an example of the heavy oil contaminated fill, PAH contaminated fill, and cinders, facing northwest. Photo taken on 8/29/01.



Photo #18: Chunk of metal debris unearthed near the northwest corner of the Westwater Construction site, facing east. Photo taken on 8/30/01.





Photo #19: Industrial metal pipe with drilled holes unearthed near the southeast corner of the Westwater Construction site, facing south towards the school. Photo taken on 8/30/01.



Photo #20: Unearthed industrial related debris (clay drainage pipe, brick, concrete, metal pipes), and petroleum hydrocarbon and PAH contaminated fill material located north of the removed gasoline underground storage tank on the Westwater Construction site, facing northeast. Photo taken on 8/31/01.

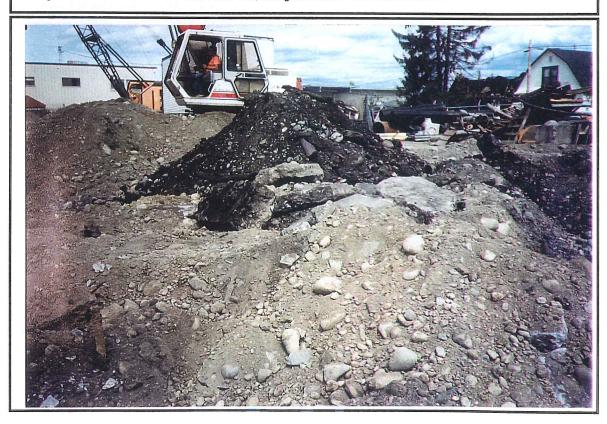




Photo #21: Metal steam lines unearthed adjacent to the removed fuel storage tank on the Westwater Construction site, facing north. The old foundation of the demolished home is depicted on the right side of the photograph. Approximately 1-1/2 feet of fill material contaminated with heavy oil and lead was scraped from off of the slab and disposed of. Diesel fuel contaminated soil was remediated left of the slab. Photo taken on 8/31/01.



Photo #22: Two water or steam lines unearthed near the northwest corner of the Westwater Construction site, facing northwest. Photo taken on 9/4/01.





Photo #23: PAH contaminated fill material scraped away adjacent to the south of the Custom-Bilt Metals building, facing northeast towards the building. The color of the PAH contaminated soil is blue-grey. Photo taken on 9/4/01.



Photo #24: PAH contaminated fill material, (blue-grey color), scraped away adjacent to the west of the concrete "up ramp" located south of the Custom-Bilt Metals building, facing south. Photo taken on 9/4/01.





Photo #25: PAH and heavy oil contaminated fill material scraped away beneath the removed asphalt slab, facing northeast. A pile of PAH contaminated fill material, (blue-grey), is located in the background of the photograph, (removed and disposed of). Photo taken on 9/5/01.

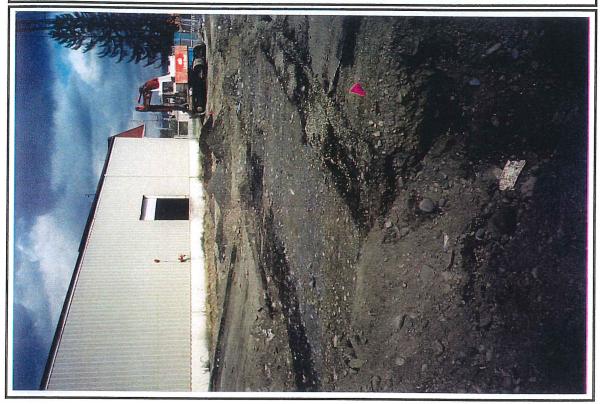


Photo #26: Photograph depicting light brown to grey cinders, facing west. The cinders were located adjacent to and beneath the two concrete slabs near the west boundary of the Westwater Construction site. The cinders were very light and porous. Photo taken on 9/10/01.

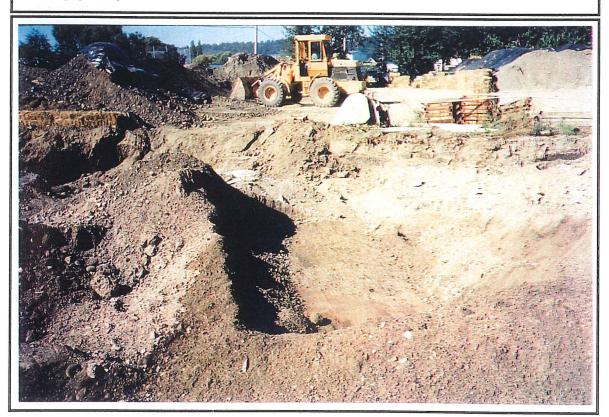




Photo #27: View of one of the two concrete lined pits excavated and demolished on the Westwater Construction site, facing north. The oily debris inside the pit was disposed of. Photo taken on 9/10/01.

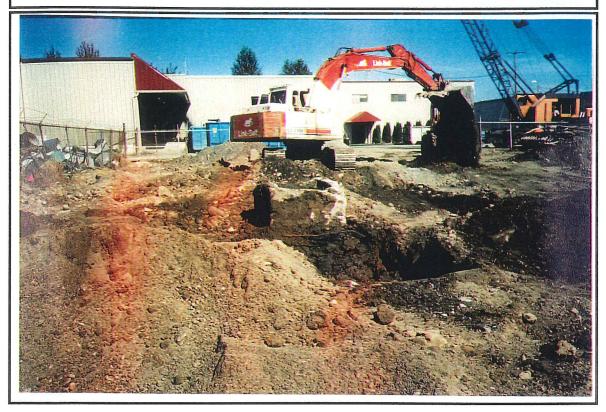


Photo #28: Clay sewer or stormwater drainage pipe unearthed near the northwest corner of the Westwater Construction site, facing northwest. Photo taken on 9/10/01.

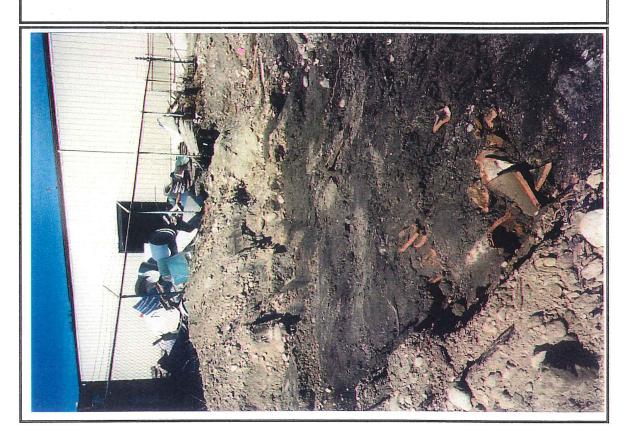




Photo #29: Remnants of an old, crushed metal 55-gallon drum unearthed on the Custom-Bilt Metals parking lot, top view. The drum was buried approximately 1-1/2 feet below ground surface. Photo taken on 1/7/02.

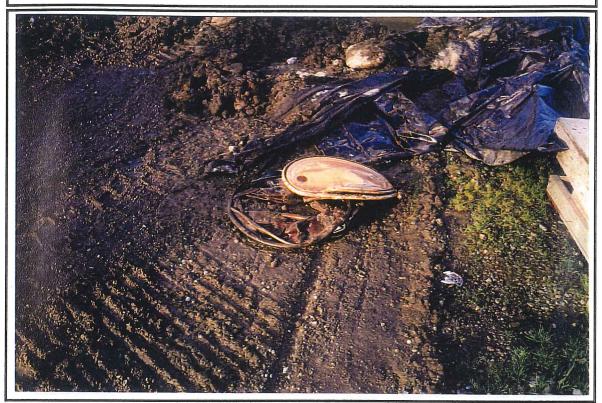


Photo #30: Pile of old tin, steel, and glass artifacts unearthed near the northern boundary of the Westwater Construction site, facing north. Photograph taken on 9/10/01.

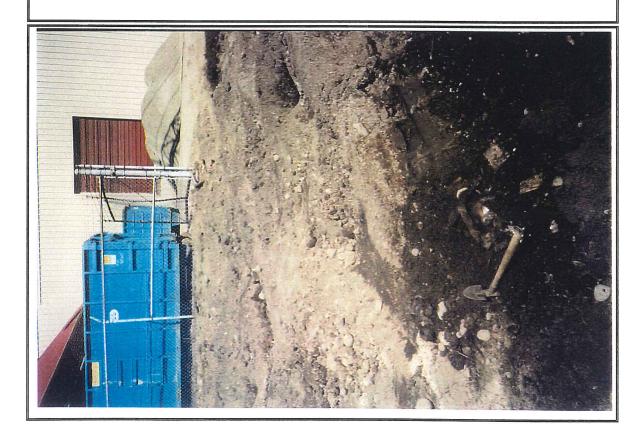




Photo #31: Pile of old tin cans unearthed adjacent to the south of the Custom-Bilt Metals, (near the southwest corner of the building), top view. Photo taken on 10/7/01.

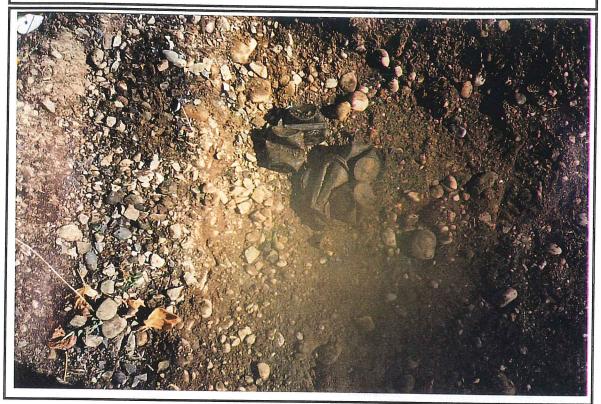


Photo #32: Photograph depicting the approximate 1 to 1-1/2 foot thick layer of clean fill material placed on top of the petroleum hydrocarbon/PAH contaminated fill, facing northwest. The clean fill was scraped off, stockpiled, tested, and used as backfill on the site. Photo taken on 9/10/01.

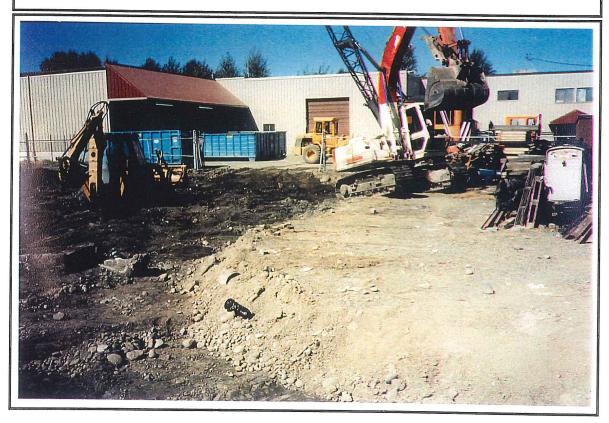




Photo #33: View of the 2,000-gallon gasoline underground storage tank excavated near the center of the Westwater Construction site, facing northwest. Photo taken on 9/14/01.



Photo #34: Photograph depicting soil/fill layer located adjacent to the foundation of the Custom-Bilt Metals building, facing west. Heavy oil contaminated soil was identified adjacent to the foundation (left of the red fire valve). Photo taken on 10/7/01.

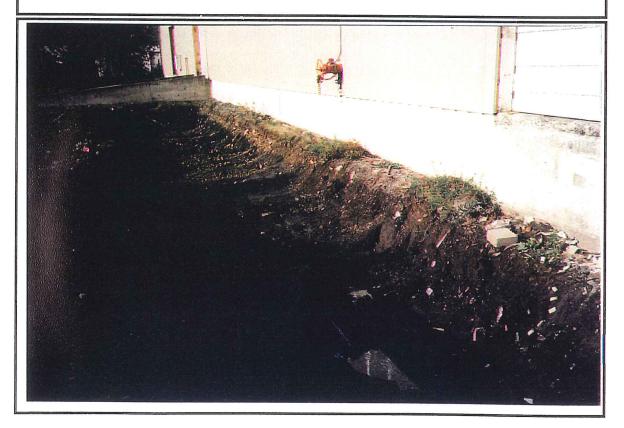




Photo #35: Photograph depicting old stamped tin sheets, facing northwest towards the southwest corner of the Custom-Bilt Metals building. An approximate I foot thick layer of cinders was identified in this area. Photo taken on 10/7/01.

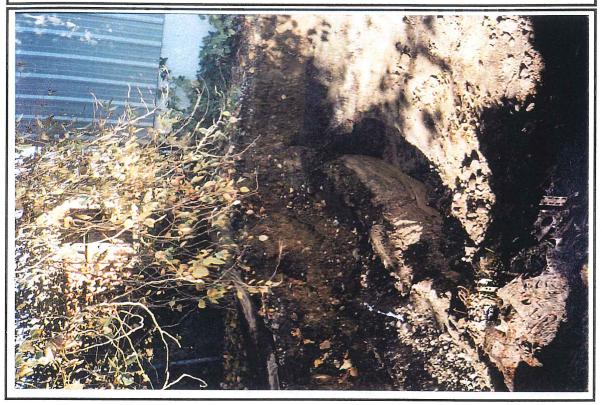


Photo #36: View of an old sheet tin pile, adjacent to the southwest corner of the Custom-Bilt Metals building, top view. Photo taken on 10/7/01.

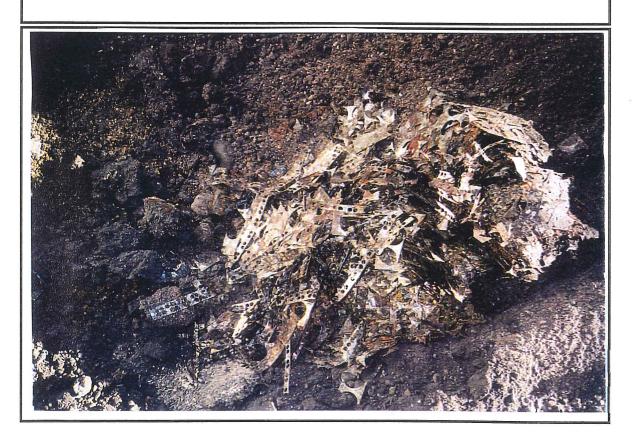




Photo #37: Photograph of heavy oil stained concrete rubble unearthed near the south-central portion of the Custom-Bilt Metals building, facing north. Photo taken on 11/9/01.



Photo #38: Photograph depicting heavy oil stained concrete rubble and PAH contaminated fill material located south of the Custom-Bilt Metals building, facing east. Photo taken on 11/9/01.





Photo #39: View of concrete rubble unearthed south of the Custom-Bilt Metals building, facing northeast. Photo taken on 11/9/01.



Photo #40: View of contaminated fill material in stockpile #4 prior to loading and transporting to TPS Technologies, Inc. for disposal, facing east. Photo taken on 12/20/01.





Photo #41: View of the blue-grey PAH contaminated fill layer located adjacent to the north of stockpile #4, facing north. The contaminated material was scraped off and disposed of. Photo taken on 12/20/01.



Photo #42: Photograph depicting the north wall of the Custom-Bilt Metals building and abandoned railroad track, facing west. The area located beneath the load out dock was remediated. Photo taken on 1/7/02.

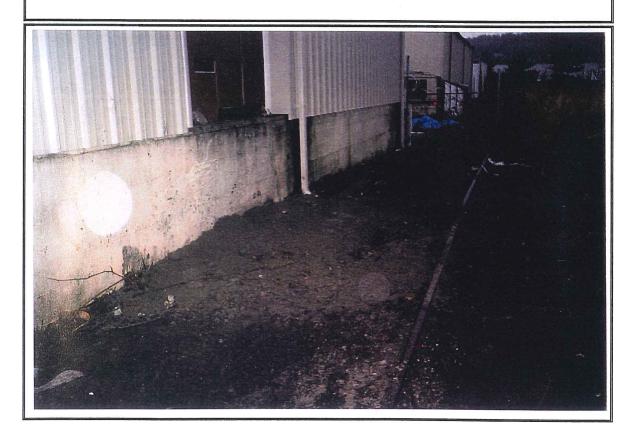




Photo #43: Photograph depicting clean crushed rock placed and graded over the remediated area on the Westwater Construction site, facing north. Approximately 2 feet of crushed rock was placed on the yard. Photo taken on 6/20/02.

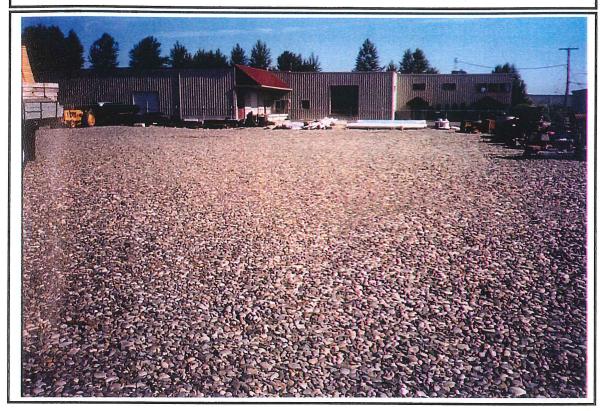


Photo #44: View of approximately 1 to 2 feet of crushed rock placed and graded over the Custom-Bilt Metals yard, facing northeast. Photo taken on 6/20/02.

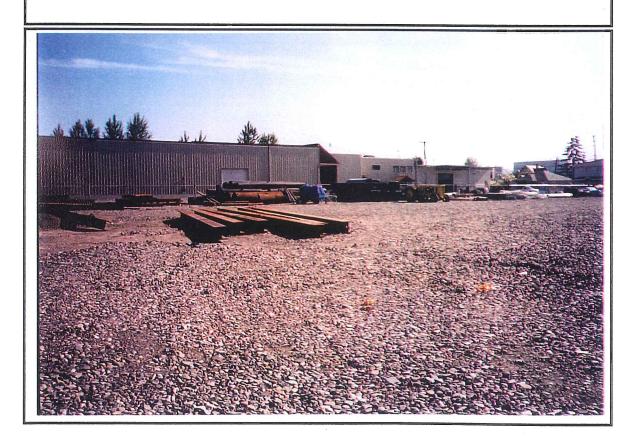




Photo #45: Crushed rock placed and grated over the Custom-Bilt Metals and Westwater Construction yards, facing east. Photo taken on 6/20/02.

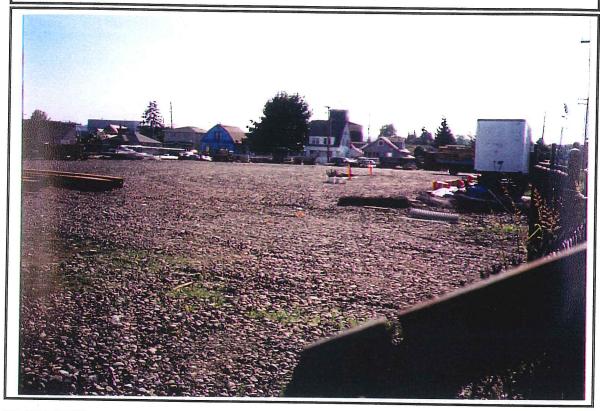


Photo #46: Uncontaminated stockpile #4 as of 6/20/02, facing north. Photo taken on 6/20/02.

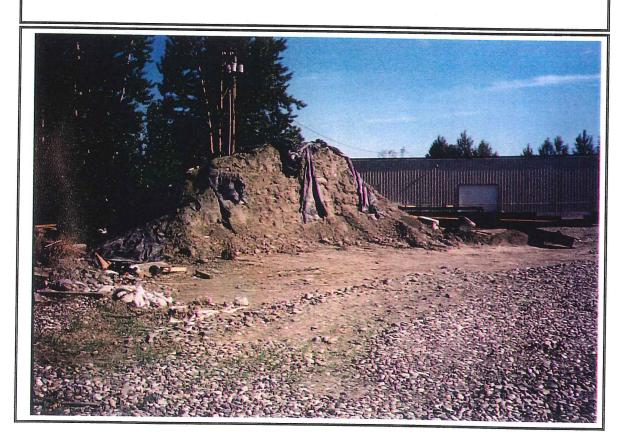
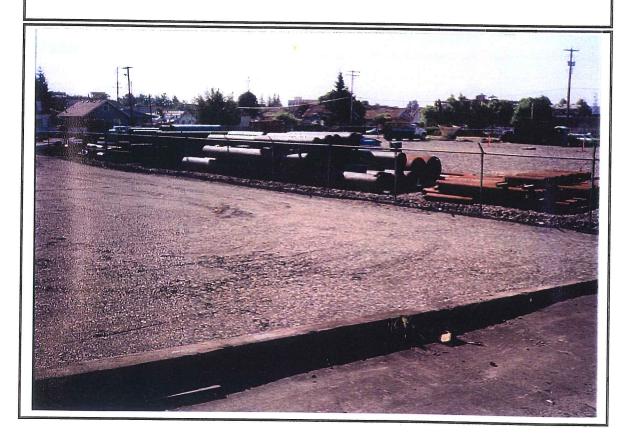




Photo #47: Final fill and grade located south of the Custom-Bilt Metals building, facing east. Photo taken on 6/20/02.



Photo #48: New chain-linked fence installed approximately 40 feet south of the Custom-Bilt Metals building separating the property currently occupied by Westwater Construction, facing southeast. Photo taken on 6/20/02.



APPENDIX C

ADDITIONAL INFORMATION

Legal Description of Lot Line Adjustment, Lots 1 and 2, Custom-Bilt Metals Property

Letter from Enco Environmental Corporation to Grant Yang, Washington Department of Ecology dated March 27, 2002

No Further Action Letter from Grant Yang, Washington Department of Ecology to Custom-Bilt Metals dated April, 16, 2002

EXHIBIT "C"

LOT I
A PORTION OF LOTS 1, 2, 3 AND 10, BLOCK "B", LUNN'S GARDEN TRACTS TO AUBURN, ACCORDING
TO THE PLAT THEREOF RECORDED IN VOLUME 10 OF FLATS, PAGE 33, IN KING COUNTY,
WASHINGTON, BEING A PORTION OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER
OF SECTION 13, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M., KING COUNTY, WASHINGTON AND
MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT 3.
THENCE N 87°58'52" W, ALONG THE SOUTH LINE THEREOF, 33 FEET;
THENCE N 03°45'30" W, 166.82 FEET TO THE TRUE POINT OF BEGINNING;
THENCE CONTINUING N 03°45'30" W, 173.50 FEET, TO THE SOUTHERLY LINE OF THE NORTHERN PACIFIC RAILROAD RIGHT OF WAY;
THENCE N 86"46'06" W, ALONG SAID SOUTHERLY LINE, 336.31 FEET, TO THE EASTERLY LINE OF SAID LOT 10;
THENCE S 03°03'54" E, ALONG SAID EASTERLY LINE, 170.41 FEET,
THENCE S 86°14'30" W, 334.33 FEET TO THE TRUE POINT OF BEGINNING.

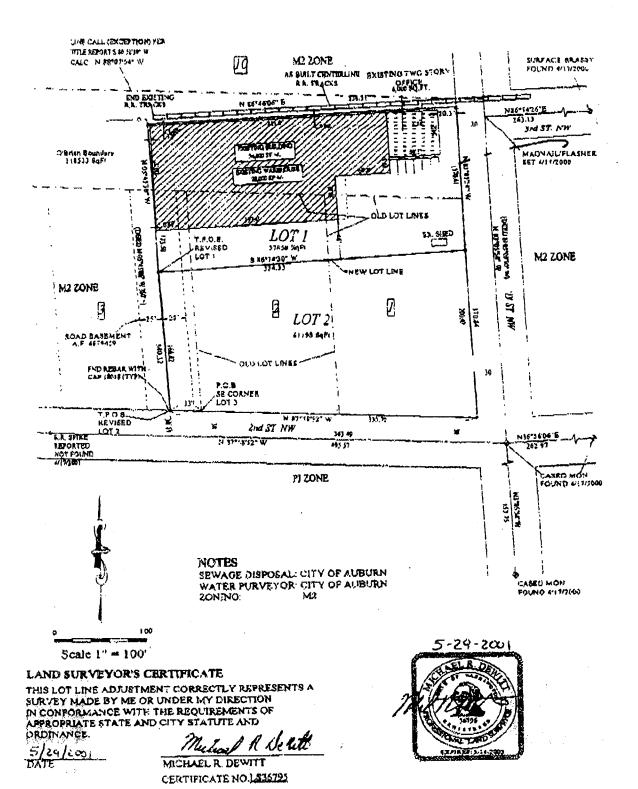
SITUATE IN THE CITY OF AUBURN, COUNTY OF KING, STATE OF WASHINGTON.

LOT 2
A PORTION OF LOTS 1, 2, AND 3, BLOCK "B", LUNN'S GARDEN TRACTS TO AUBURN, ACCORDING
TO THE PLAT THEREOF RECORDED IN VOLUME 10 OF PLATS, PAGE 33, IN KING COUNTY.
WASHINGTON, BEING A PORTION OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER
OF SECTION 13, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M., KING COUNTY WASHINGTON AND
MORE PARTICULARLY DESCRIBED AS FOLLOWS.

BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT 3: THENCE N 87'58'32" W, ALONG THE SOUTH LINE THEREOF, 33 FEET TO THE TRUE POINT OF BEGINNING, THENCE N 03°45'30" W, 166.82 FEET; THENCE AT RIGHT ANGLES N 86°14'30" E, 334.33 FEET TO THE EAST LINE OF SAID LOT 1; THENCE S 03 "05'54" E, ALONG SAID EASTERLY LINE, 200.43 FEET TO THE SOUTHEAST CORNER OF SAID LOT 1; THENCE N 87'58'52" W, ALONG THE SOUTH LINE OF SAID LOTS 1, 2 AND 3, 333 72 FEET TO THE

SITUATE IN THE CITY OF AUBURN, COUNTY OF KING. STATE OF WASHINGTON.

TRUE POINT OF BEGINNING.





Post Office Box 731747 Puyeliup, Washington 95373 Office #: (253) 641-9710 Fex #: (253) 841-0264



March 27, 2002

Mr. Grant Yang Washington Department of Ecology Toxics Cleanup Program, NW Region 3190 160th Avenue Bellevue WA 98008-5452

RE: Soil Remediation by Removal

Custom-Bilt Metals 233 D Street NW Auburn WA 98001

Dear Mr. Yang:

I have received your March 12, 2002 letter in response to a request for obtaining a No Further Action (NFA) status for the areas assessed and remediated under the Independent remedial action performed on the above-referenced project under the Model Toxics Control Act (MTCA). Thank you for your speedy response.

The purpose of this letter is to address your requested items of concern so that your department can proceed with preparing a NFA letter on the areas assessed and remediated. It is not necessary at this time to submit a site remediation work plan because the contamination identified from the areas assessed were remediated to meet applicable MTCA method A cleanup action levels. I believe the issues addressed in this letter should warrant that a NFA letter be granted.

Bullet Number 1

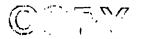
54. 46.

First and Second Paragraphs

The soil testing results legend for Figure 2A also applies to Figure 2B. The soil testing results legend shows that contaminated soils over applicable MTCA method A cleanup action levels were identified as indicated by the red ½ circles on the left half of the circles. An additional volume of soil at each of these impacted areas was excavated and removed until contaminant concentrations were reported below applicable MTCA levels as indicated by the blue ½ circles on the right half of the circles. Contaminant concentrations were confirmed based on laboratory test results and/or by field observations.

In order to prevent over crowding of data on Figure 2B laboratory test results and sample depths were plotted in the elevation boxes only if the indicated parameters exceeded applicable MTCA method A cleanup action levels. Contaminated soil at each location that exceeded MTCA method A cleanup action levels was further excavated until the contamination was removed to concentrations.

EnCo Environmental Corporation Environmental Permitting and Assessment, Industrial Compliance, and Wattand Services



below applicable MTCA method A cleanup action levels. Table 1 (Attachment) depicts soil contaminant concentrations before, during, and after the site cleanup. As indicated in Table 1, soil contaminant concentrations that exceeded applicable MTCA method A cleanup action levels were remediated to concentrations below applicable MTCA method A cleanup action levels.

Builet Number 2

First Paragraph

For clarification only one underground storage tank (UST) was removed during the EnCo cleanup. EnCo supervised the removal of the 2,000-gallon gasoline tank in 2001. The second tank (1,000-gallon gasoline or diesel) was removed under the supervision of Geotech Consultants, Inc. in 1993.

In your letter it states that "monitoring wells must be installed at and edjacent to the UST excavations to collect groundwater samples for analyzing the water quality". In lieu of installing monitoring wells we request to use the soil quality and groundwater quality data that has been submitted from previous studies. The submitted soil and groundwater data supports our conclusion that groundwater has not been impacted from the 2 USTs at the time of the indicated assessments.

2,000 Gallon Gasoline UST

A groundwater sample (108A @ 9.5') was immediately collected from the bottom of the excavation during the UST removal activities in 2001. Based on the laboratory report, groundwater collected from 108A reported not detected concentrations of diesel, gasoline, heavy oil, and VOCs.

Three groundwater monitoring wells were installed on the subject property in July 2001. The 2,000-gallon gasoline tank was located approximately 55 feet northeast of MW-3. Groundwater collected from MW-3 on July 11, 2001 reported not detected concentrations of diesel, heavy oil, polyaromatic hydrocarbons, and volatile organic compounds (VOCs).

Twelve soil samples were collected from the excavation of the former 2,000 gallon gasoline UST (95A @ 4', 96A @ 2', 98A @ 2.5', 99A @ 2', 100A @ 3', 101A @ 8', 102A @ 10', 103A @ 10', 104A @ 10', 105A @ 10', 106A @ 11', and 107A @ 12'). Ten of the 12 soil samples reported diesel, heavy soil, gasoline, and VOCs below applicable MTCA method A cleanup action levels.

Two of the twelve soil samples (95A @ 2' and 100A @ 3') taken from the excavation reported petroleum hydrocarbons over applicable MTCA method A cleanup action levels. Sample # 95A @ 4' reported diesel at 2,800 mg/Kg, benzene at 0.29 mg/Kg, gasoline at not detected (ND) levels and heavy oil at ND levels. Sample #100A @ 3' reported diesel at 6,500 mg/Kg, gasoline at 130 mg/Kg, and heavy oil at ND levels. The contaminated soil adjacent to the UST was excavated and removed. Several additional soil samples were collected below these depths (96A @ 2', 98A @ 2.5', 99A @ 2', 101A @ 8', 102A @ 10', 103A @ 10', 104A @ 10', 105A @ 10', 106A @ 11', and 107A @ 12'). The



additional soil samples reported diesel heavy oil, gasoline, and VOCs below MTCA method A cleanup action levels.

Subsurface soils encountered at the 2.000-gallon gasoline UST consists of gray sandy gravel fill from the surface to three feet bgs underlain by a six inch concrete slab. Soils encountered under the slab consisted of dark brown silty clay from 3.5 feet to 4.5 feet bgs underlain by dark brown peat from 4.5 feet to 8.5 feet bgs. Dark gray fine sand was encountered from 8.5 feet to the bottom of the tank excavation at 11 feet bgs. There was no petroleum hydrocarbon sheen observed on the surface of the groundwater in the tank excavation.

1,000 Gallon or Diesel or Gasoline UST

The 1,000-gallon UST was located approximately 20 feet south of the 2,000-gallon tank. The removed 1,000-gallon gasoline/diesel UST was located approximately 45 feet southeast of MW-3.

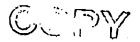
The subject property owner submitted a copy of a UST closure report to EnCo. Geotech Consultants, Inc. prepared the report on October 15, 1993. According to their report groundwater was not encountered when the UST was removed. Their report states "having found no residuel hydrocarbon contamination exceeding regulatory limits, it is our opinion that no further characterization of this lank installation is required and that the site has been closed in conformance with the intent and purpose of federal and state regulations and guidelines".

According to the 1993 UST tank closure report (Geotech – 1993) patroleum hydrocarbon concentrations (diesel, heavy oil, and gasoline) in soils did not exceed applicable MTCA method A cleanup action levels. A copy of the Geotech report is attached to this letter.

During the EnCo cleanup, two soil samples were collected from the former location of the 1,000 gallon gasoline/diesel UST (#68A @ 2', and #68B @ 3.5'). Both sample #s 68A and 68B reported concentrations of diesel and heavy oil below applicable MTCA method A cleanup action levels.

The subsurface soils encountered at the former 1,000-gallon gasoline/diesel UST consists of gray sandy gravel fill from ½ foot to two feet bgs underlain by approximately two feet of gray fine to medium clay with silt at 2 feet to 4 feet bgs. A dark brown peat layer exists from 4 to 5 feet bgs underlain by gray clayey silt.

Another groundwater sample (16A) was collected by EnCo from an open excavation on July 11. 2001. Sample 16A is located approximately 13 feet northwest of the former 1,000-gallon gasoline/dissel tank and approximately 19 feet scuthwest of the former 2,000-gallon gasoline tank. Based on the laboratory report, groundwater collected from 16A reported not detected concentrations of diesel and heavy oil.



Based on the data submitted, we request that the water and soil test results obtained from samples collected from the former tank locations be used for permanently closing these two USTs without any further action.

Second Paragraph

I have enclosed a copy of the August 15, 2001 EnCo Subsurface Phase II Environmental Site Assessment (ESA) for you to review. **Table 2** in **Appendix C** provides data pertaining to the groundwater elevations in the three monitoring wells. The boring logs, monitoring well details, and groundwater monitoring forms are presented in **Appendix E**.

Prior to initiating the soil clearup last summer I suggested that the client firstly meet with the Washington Department of Ecology (WADOE) to discuss the proposed clearup. In order to speed up the cleanup process the client decided not to meet with WADOE at that time and instructed EnCo to proceed with the cleanup under the voluntary cleanup program. In order to get the site registered with WADOE I verbally reported a summary of the soil contamination found to date to Nita Rodriquez in the Spills Section on August 14, 2001.

It should be noted that the second paragraph of your letter needs to be amended. **Western Bridge**Co. does not refer to this site and should be removed from further correspondence penaining to this project.

I made a correction to the EnCo Phase II ESA report (August 15, 2001) regarding the MTCA method A cleanup action levels for heavy oil and diesel in groundwater. I mistakenly typed in 2,000 rnicrograms per liter (ug/L) instead of the correct MTCA action level of 500 ug/L for diesel and heavy oil. In addition, sample number 5A is a soil sample not a water sample and sample number 4 A,B,C,D (near MW-3) has been changed to number 61 A B,C,D.

Again, thank you for your prompt response to this project. If you have any further question please contact me at 253.841.9710.

Sincerely,

Jonathan M. Kemp

President :



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

Northwest Regional Office • 3190 160th Avenue SE • Bellevue, Washington 98008-5452 • (425) 649-7000

April 8, 2002

Mr. Drew Popson Custom-Bilt Metals 825 Central Ave., South Kent, WA 98032

Dear Mr. Popson:

Re: Request for Review: Independent Remedial Action Custom-Bilt Metals, 233 D Street, NW, Auburn, WA

Thank you for submitting the results of your independent remedial action for review by the Washington State Department of Ecology (Ecology). Ecology appreciates your initiative in pursuing this administrative option under the Model Toxics Control Act (MTCA).

Ecology's Toxics Cleanup Program has reviewed the following information regarding the Custom-Built Metals facility:

- 1. Correspondence to Ecology, Additional Soil Remediation datum, EnCo Environmental Corporation, April 3, 2002.
- 2. Correspondence to Ecology Regarding the Remediation at the Custom-Bilt Metals Site, EnCo Environmental Corporation, March 27, 2002
- 3. Soil Remediation by Removal (Text and Appendices), Custom-Bilt Metals, 233 D Street, NW, Auburn, WA, EnCo Environmental Corporation, February 14, 2002.
- 4. Subsurface Phase II Environmental Site Assessment, Custom-Bilt Metals, 233 D Street, NW, Auburn, WA, EnCo Environmental Corporation, August 15, 2001

These reports will be kept in the Central Records of the Northwest Regional Office (NWRO) of Ecology. The documents are available for review by appointment only. Appointments can be made by calling Sally Perkins at (425) 649-7190.

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All the data to date indicate that the soil and groundwater at the site were impacted by petroleum products due to releases from the underground storage tank (UST) systems, and by carcinogenic polynuclear aromatic hydrocarbons (cPAH), lead and cadmium due to the previous business operations at the property. Ecology is aware that remedial actions have conducted at the open space within the property boundary. The remediations include removing the existing USTs, over-excavating and disposing the impacted soils exceeding the MTCA cleanup levels, and re-sampling the groundwater. Based on information provided, Ecology concurs with EnCo Environmental Corporation's conclusion that the contamination at the cleanup area does not pose a threat to human and environment.

Ecology, therefore, is issuing this determination that no further remedial action is necessary within the Custom-Bilt Metals' remediation portion at the site. However, please note that because your actions were not conducted under a consent decree with Ecology, this letter is written pursuant to RCW 70.105D.030(1)(i) and does not constitute a settlement by the state under RCW 70.105D.040(4) and is not binding on Ecology.

Ecology's no further action determination is made only with respect to the release identified in the reports listed above. This no further action determination applies only to the area of the property affected by the release identified in the reports at Custom-Bilt Metals, 233 D Street, NW, Auburn, Washington. It does not apply to any other release or potential release at the property, any other areas on the property, nor any other properties owned or operated by Custom-Bilt Metals.

Based on the site assessments and the results of the post excavation soil analysis, petroleum products and other contaminants are likely in the soils and groundwater beneath the existing buildings and other inaccessible areas at the site. Since the contamination status beneath those areas remains unknown, your site will still appear in future publications of the LUST database when Ecology updates its Leaking Underground Storage Tank database. However, the site will be discontinued listing in the future publications, if an additional site assessment demonstrates that contaminant concentrations in the soil and groundwater beneath the buildings and other areas are under the cleanup levels after they are demolished in the future.

The state, Ecology, and its officers and employees are immune from all liability and no cause of action of any nature may arise from any act or omission in providing this determination.

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Again, thank you for taking the initiative to voluntarily address the contamination at your site. Your efforts are recognized by Ecology as a positive step in our work to protect human health and the environment in Washington State. If you have any questions regarding this letter, please contact me at (425)-649-7126

Sincerely,

Grant Yang

Toxics Cleanup Program

Fromt Clom8

Initials/GY

cc: Jonathan Kemp, EnCo Environmental Corporation

APPENDIX D

IMPORTANT INFORMATION ABOUT YOUR ENVIRONMENTAL REPORT



Attachment to 21-1-12074-004

October 8, 2002

To: Ryan, Swanson & Cleveland, PLLC 1200 Third Avenue, Suite 3400 Seattle, Washington 98101-3034

Important Information About Your Environmental Site Assessment/Evaluation Report

ENVIRONMENTAL SITE ASSESSMENTS/EVALUATIONS ARE PERFORMED FOR SPECIFIC PÜRPOSES AND FOR SPECIFIC CLIENTS.

This report was prepared to meet the needs you specified with respect to your specific site and your risk management preferences. Unless indicated otherwise, we prepared your report expressly for you and for the purposes you indicated. No one other than you should use this report for any purpose without first conferring with us. No one is authorized to use this report for any purpose other than that originally contemplated without our prior written consent.

The findings and conclusions documented in this site assessment/evaluation have been prepared for specific application to this project and have been developed in a manner consistent with that level of care and skill normally exercised by members of the environmental science profession currently practicing under similar conditions in this area. The conclusions presented are based on interpretation of information currently available to us and are made within the operational scope, budget, and schedule constraints of this project. No warranty, express or implied, is made.

OUR REPORT IS BASED ON PROJECT-SPECIFIC FACTORS.

Our environmental site assessment is based on several factors and may include (but not be limited to): reviewing public documents to chronicle site ownership for the past 30, 40, or more years; investigating the site's regulatory history to learn about permits granted or citations issued; determining prior uses of the site and those adjacent to it; reviewing available topographic and real estate maps, historical aerial photos, geologic information, and hydrologic data; reviewing readily available published information about surface and subsurface conditions; reviewing federal and state lists of known and potentially contaminated sites; evaluating the potential for naturally occurring hazards; and interviewing public officials, owners/operators, and/or adjacent owners with respect to local concerns and environmental conditions.

Except as noted within the text of the report, no sampling or quantitative laboratory testing was performed by us as part of this site assessment. Where such analyses were conducted by an outside laboratory, Shannon & Wilson relied upon the data provided and did not conduct an independent evaluation regarding the reliability of the data.

CONDITIONS CAN CHANGE.

Site conditions, both surface and subsurface, may be affected as a result of natural processes or human influence. An environmental site assessment/evaluation is based on conditions that existed at the time of the evaluation. Because so many aspects of a historical review rely on third party information, most consultants will refuse to certify (warrant) that a site is free of contaminants, as it is impossible to know with absolute certainty if such a condition exists. Contaminants may be present in areas that were not surveyed or sampled, or may migrate to areas that showed no signs of contamination at the time they were studied.

Unless your consultant indicates otherwise, your report should not be construed to represent geotechnical subsurface conditions at or adjacent to the site and does not provide sufficient information for construction-related activities. Your report also should not be used following floods, earthquakes, or other acts of nature; if the size or configuration of the site is altered; if the location of the site is modified; or if there is a change of ownership and/or use of the property.

INCIDENTAL DAMAGE MAY OCCUR DURING SAMPLING ACTIVITIES.

Incidental damage to a facility may occur during sampling activities. Asbestos and lead-based paint sampling often require destructive sampling of pipe insulation, floor tile, walls, doors, ceiling tile, roofing, and other building materials. Shannon & Wilson does not provide for paint repair. Limited repair of asbestos sample locations are provided. However, Shannon & Wilson neither warranties repairs made by our field personnel, nor are we held liable for injuries or damages as a result of those repairs. If you desire a specific form of repair, such as those provided by a licensed roofing contractor, you need to request the specific repair at the time of the proposal. The owner is responsible for repair methods that are not specified in the proposal.

READ RESPONSIBILITY CLAUSES CAREFULLY.

Environmental site assessments/evaluations are less exact than other design disciplines because they are based extensively on judgment and opinion, and there may not have been any (or very limited) investigation of actual subsurface conditions. Wholly unwarranted claims have been lodged against consultants. To limit this exposure, consultants have developed a number of clauses for use in their contracts, reports, and other documents. These responsibility clauses are not exculpatory clauses designed to transfer the consultant's liabilities to other parties; rather, they are definitive clauses that identify where responsibilities begin and end. Their use helps all parties involved recognize their individual responsibilities and take appropriate action. Some of these definitive clauses may appear in this report, and you are encouraged to read them closely. Your consultant will be pleased to give full and frank answers to your questions.

Consultants cannot accept responsibility for problems that may develop if they are not consulted after factors considered in their reports have changed, or conditions at the site have changed. Therefore, it is incumbent upon you to notify your consultant of any factors that may have changed prior to submission of the final assessment/evaluation.

An assessment/evaluation of a site helps reduce your risk, but does not eliminate it. Even the most rigorous professional assessment may fail to identify all existing conditions.

ONE OF THE OBLIGATIONS OF YOUR CONSULTANT IS TO PROTECT THE SAFETY, HEALTH, PROPERTY, AND WELFARE OF THE PUBLIC.

If our environmental site assessment/evaluation discloses the existence of conditions that may endanger the safety, health, property, or welfare of the public, we may be obligated under rules of professional conduct, statutory law, or common law to notify you and others of these conditions.

The preceding paragraphs are based on information provided by the ASFE/Association of Engineering Firms Practicing in the Geosciences, Silver Spring, Maryland