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	CONTAGET NO N44255-95-D-6006 Storage Tank Removals, Instalations	
(B) (Check one)	THE FOLLOWING ITEM IS BUBMITTED FOR (B) PER SPECIFICATION SECTION NUMBER	(8) APPROVAL
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PLEASE NOTIFY US AT ONCE IF ENCLOSURES ARE NOT AS NOTED.

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Northwest 3190-160+1	Region	ENCLOSURE Soil Remediation
Bellevue,		Report for NMCRC Tacoma, WA dtd
	tickey (206) 649-7202	- March 25, 1997
VIA:	C ENDORSEMENT ON	11001001 25,1741
		CERTIFY MAIL FILE
GENERAL ADMINISTRATION	CONTRACT ADMINISTRATION	PERSONNEL
FOR APPROPRIATE ACTION	NAME & LOCATION OF SUPPLIER	REPORTED TO THIS COMMAND:
UNDER YOUR COGNIZANCE	OF SUBJECT ITEMS	
	SUBCONTRACT NO. OF SUBJECT ITEM	
APPROVAL RECOMMENDED	APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY	DETACHED FROM THIS COMMAND
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COMMENT AND/OR CONCURRENCE	A CERTIFICATE, VICE BILL OF LADING	
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SEVERSON CONSTRUCTION		
4815 54TH S.W. SEATTLE WASHINGTON 98116	LETTER OF TRANSMITTAL	
TEL (206) 937-3604 FAX (206) 938-1831	DATE JOB NO. 3-28-97 D-6000	
FAX (206) 284-4186	LES GARDEN	
TO ROICE SILVENDALE	RE: TACOMA RESERVE CENTER	
BLDG. 1009	0.0. #17	
NAVAL SUB BASE BANGON		
SILVERDALE, WA 98315		
WE ARE SENDING YOU ATTACHED UNDER SEPARATE THE FOLLOWING ITEMS: SHOP DRAWINGS PRINTS COPY OF L CHANGE ORDER PLANS SUB SUB COPIES DATE NO. NO.	ETTER SAMPLES SPECIFICATIONS	
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4815 54th SW

SEATTLE, WA 98116

TEL 206/937-3604

FAX 206/938-1831

March 25, 1997

RE: Contract Number: N44255-95-D-6006/ D.O. #0017
Project Title: Underground Storage Tank Removals At Various Pacific Northwest Naval Facilities
Delivery Order (D.O.): This D.O. is in response to the following EFA-NW ESRs for the Naval and Marine Corps Reserve Center (NAVMARCORESCEN), Tacoma, WA:
1. NW6019 (FIS 9604.020), dated 01 February, 1996
2. NW6020 (FIS 9604.021), dated 01 February 1996; and
3. FIS N9604 063, dated 30 April 1996

.

- 3. FIS N9604.063, dated 30 April 1996.
- Subject: Aboveground Storage Tank Removals and Environmental Site Remediation Report Naval Reserve Center - 1100 East Alexander Avenue East Tacoma, Washington 98424, USA

The following site remediation report documents the environmental soil remediation activities performed by Severson Construction following aboveground storage tank (AST) decommissioning at the above-referenced site. Severson performed this work in conjunction with the Naval Facilities Engineering Command, Northwest (NAVFACENGCOM) during December, 1996 thru February, 1997.

EXECUTIVE SUMMARY

This scope of work was to remove the oil pollution control system which involves collection and treatment of oil wastewater generated by the homeported vessels. Specifically, the following ASTs and associated piping were removed from the site:

- 1. One 1,500-2,000 gallon cylindrical AST;
- 2. One 25-gallon per minute (gpm), three stage, skid mounted oil water separator; and
- 3. One 700 gallon rectangular AST.

Following the removal of these AST systems, as per the above-referenced D.O. modification, Severson collected soil samples to determine whether petroleum-impacted soil was present above Washington Department of Ecology (WDOE) Model Toxics Control Act (MTCA)-acceptable levels. Soil samples were collected according to the above-referenced D.O. Specifically, two samples from directly below the bermed area (T-1 and T-2) and three surface soil samples were collected from the stained soil along the northern edge of the bermed area (T-3, T-4 and T-5). See *Figure 1 - Site Plan, Table 1 and Site Photos (see Appendix c).*

All five of these surface soil samples were above MTCA-allowable Method A Cleanup Levels for diesel- and oil-range petroleum hydrocarbons and Severson proceeded with the overexcavation and disposal/ treatment of the affected soils. No groundwater was encountered during this project.

Based on field testing of the soils, Severson excavated approximately three to five feet of the affected soil and re-sampled the excavation bottom (Sample Numbers OX-1 thru OX-5, see Figure 1 - Site Plan). Laboratory results from these samples confirmed that petroleum concentrations were below MTCA-Method Levels for three of the five samples.

Severson excavated an additional foot of soil from the areas with concentrations above the acceptable levels (OX-2 and OX-4) and re-sampled the soil in these areas (OX-2-1 and OX-4-1). Laboratory results confirmed that petroleum concentrations from these samples were within MTCA Method A-acceptable levels.

Metals analysis from composite stockpile soil samples (SS Comp #1 and #2) were within MTCAacceptable limits and the petroleum-affected soil could be treated at TPS Technologies' facility in Tacoma, Washington(see Figure 1 and Table 1). Laboratory data sheets are provided in Appendix A.

Approximately 70 tons of affected soil was transported to TPS Technologies in Tacoma, Washington for thermal treatment (see Appendix B).

The environmental soil remediation was performed in accordance with project specification requirements of NAVFACENGCOM and followed relevant Washington Department of Ecology (WDOE) guidance document—The Model Toxics Control Act Cleanup Regulation, Chapter 173-340 WAC (MTCA-amended January 1996).

ENVIRONMENTAL SETTING

The subject property is situated in the eastern side of Commencement Bay, Tacoma, Washington. The Hylebos Waterway is adjacent to the site on its northern property line. Alexander Avenue is adjacent to the southwestern property line and East Eleventh Street along the southeastern side of the property. The topography in the vicinity of the subject property is flat.

Native soils in the vicinity of the subject property consists primarily of soft to medium-stiff clayey silt with fine sand interbeds. Groundwater is estimated to be at about seven to eight feet below the ground surface (bgs).

FIELD SAMPLING METHODS

The objective of the sampling program was to verify through laboratory chemical analysis that all of the affected materials have been removed to MTCA-acceptable levels. The sampling protocols and procedures followed appropriate state and federal guidance documents, primarily EPA SW-846 and WDOE guidance document (WAC 173-360-610) recommendations. The quality assurance/ quality control procedures ensured that the data used to document these results is reliable.

Discrete soil samples were collected directly from the pit bottom using properly decontaminated soil sampling tools and were placed directly into laboratory-supplied glass jars and were assigned unique sample numbers. The samples were surface cleaned, individually plastic bagged, placed into a rigid cooler, chilled to approximately 4 degrees Centigrade and hand-delivery to CCI Analytical Laboratories, Inc. in Everett, Washington for testing. CCI is an EPA- and WDOE-approved laboratory.

FIELD SAMPLING AND CHEMICAL ANALYSIS

Surface soil sampling and analysis confirmed that diesel- and oil-range petroleum hydrocarbons were present and that excavation of the affected soils was necessary. The removals continued vertically and laterally to the point where visual indication and field screening tools indicated that the contamination had been removed and that concentrations of total petroleum hydrocarbons remaining in the soil were less than the WDOE's targeted MTCA cleanup levels (see Table 1 and Figure 1).

Discrete soil samples were then collected from the bottom of the excavation to confirm that the targeted MTCA - Method A Cleanup Levels for petroleum-impacted soil were achieved. Prior to sample collection for chemical analysis, field screening was performed in the targeted areas to determine the extent of the excavations. Field tests included visual observations (stained soil), petroleum odors and head space testing on discrete soils samples using a Photovac MicroTIP Photoionization detector (PID). The PID was properly calibrated prior to use with isobutylene gas.

Soil samples were chemically analyzed for petroleum compounds using WTPH-HCID analysis followed by the appropriate hydrocarbon-range analysis. Also, the stockpiled soil was chemically analyzed for metal concentrations prior to transport to TPS for treatment. These results confirm that metal concentrations for all RCRA metals are within MTCA-acceptable concentrations (see Appendix A - Laboratory Data).

SOIL REMEDIATION

Approximately 70 tons of petroleum-impacted soil was transported to TPS Technologies, Inc. In Tacoma, Washington for thermal treatment (see Appendix B - Waste Manifests).

Laboratory results from soil samples collected from the excavation have confirmed that concentrations of total petroleum hydrocarbons remaining in the soil are less than the WDOE's targeted MTCA Method A cleanup levels. No further testing or other investigations associated with project are recommended

CLOSURE

This report is directed toward the decommissioning of ASTs specifically described in this report and should in no way be confused with any other investigation. This report has been prepared under the project specifications for the Naval Facilities Engineering Command and the guidance and requirements outlined in WDOE's MTCA guidance. No other conditions, expressed or implied, should be understood.

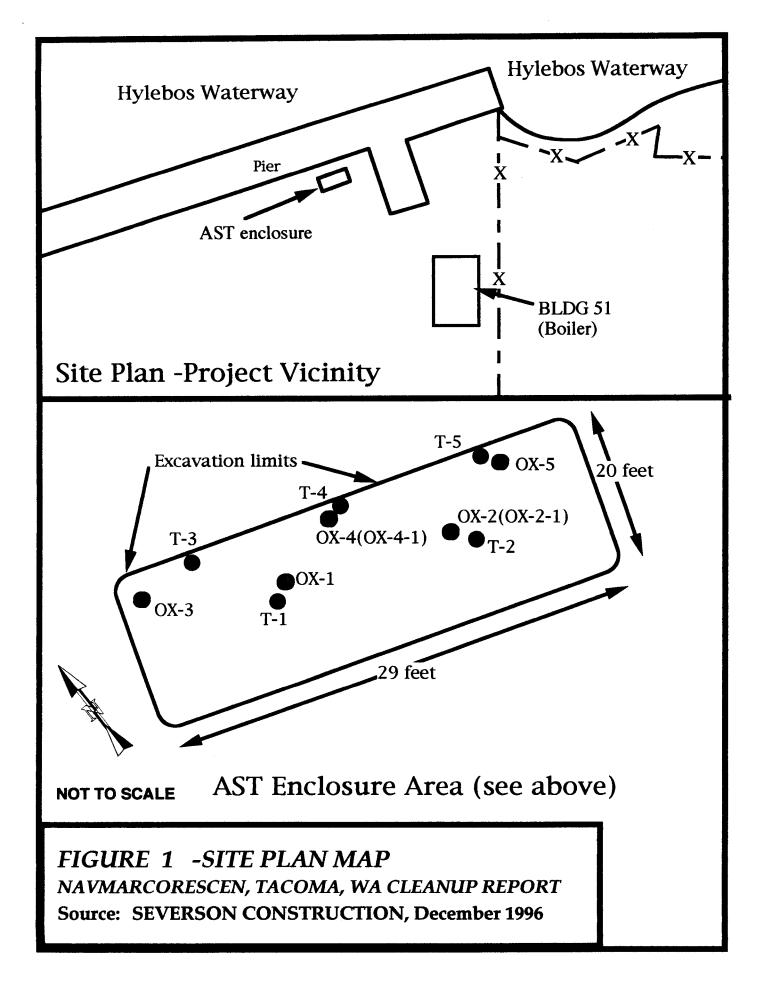
Respectfully Submitted,

SEVERSON CONSTRUCTION

Roger Newton **Registered Site Assessor**

hvitjed i	M N (ZO), V . V K		(rvanic)	VBQXUKS.
Sample	Date	Depth	Laboratory	Results (mg/kg)
Number	Sampled	(feet)	Analysis	
T-1	12/17/96	1.0	418.1	400
T-2	12/17/96	1.0	418.1	250
T-3	12/17/96	1.0	418.1	1400
T-4	12/17/96	1.0	418.1	2900
T-5	12/17/96	1.0	418.1	700
OX -1	2/13/97	4.0	418.1	130
OX-2	2/13/97	3.0	418.1	400
OX-3	2/13/97	4.5	418.1	130
OX-4	2/13/97	4.5	418.1	460
OX-5	2/13/97	5.0	418.1	non-detect
SS COMP-#1	2/13/97	Stockpile	TCLP	<mtca< td=""></mtca<>
			Metals	
SS-COMP-#2	2/13/97	Stockpile	TCLP	< MTCA
			Metals	
OX-4-1	2/21/97	5.5	418.1	non-detect
OX-2 -1	2/21/97	4.0	418.1	non-detect

WDOE MTCA Method A Cleanup Levels = 200 mg/kg



APPENDIX A

. 1

LABORATYORY DATA RESULTS



CLIENT:	SEVERSON CONSTRUCTION	
	1450 3RD AVE. WEST	
	SEATTLE, WA 98119-3314	

DATE:	12/20/96
CCIL JOB #:	612065
CCIL SAMPLE #:	1
DATE RECEIVED:	12/18/96
WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE #0017
CLIENT SAMPLE ID:	T-1 12/17/96 3:07

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION	ANALYSIS DATE	ANALYSIS BY
HCID-GAS RANGE	WTPH-HCID	ND(<20)	MG/KG GAS		12/19/96	AMC
HCID-DIESEL RANGE HCID-OIL RANGE	WTPH-HCID WTPH-HCID	>50 >100	MG/KG DSL MG/KG OIL		12/19/96 12/20/96	AMC AMC

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES

- ** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS
- *** ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY. THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY DECISIONS BASED ON ANALYTICAL DATA

APPROVED BY: _C/2



CLIENT:	SEVERSON CONSTRUCTION	DATE:	12/20/96
	1450 3RD AVE. WEST	CCIL JOB #:	612065
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	2
		DATE RECEIVED:	12/18/96
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE #0017
CLIENT SAMPLE ID:	T-2 12/17/96 3:10

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
HCID-GAS RANGE	WTPH-HCID	ND(<20)	MG/KG GAS		12/19/96	AMC
HCID-DIESEL RANGE HCID-OIL RANGE	WTPH-HCID WTPH-HCID	>50 >100	MG/KG DSL MG/KG OIL		12/19/96 12/20/96	AMC AMC

NOTE: DIESEL RANGE DETECTION IS MOST LIKELY DUE TO PRODUCT ELUTING FROM THE OIL RANGE

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

- ** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS
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APPROVED BY:



CLIENT:	SEVERSON CONSTRUCTION	DATE:	12/20/96
	1450 3RD AVE. WEST	CCIL JOB #:	612065
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	3
		DATE RECEIVED:	12/18/96
		WDOE ACCREDITATION #:	C142
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE #0017
CLIENT SAMPLE ID:	T-3 12/17/96 3:19

DATA RESULTS

ANALYTE	METHOD	RESULTS *	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS By
HCID-GAS RANGE	WTPH-HCID	ND(<20)	MG/KG GAS		12/19/96	AMC
HCID-DIESEL RANGE HCID-OIL RANGE	WTPH-HCID WTPH-HCID	>50 >100	MG/KG DSL MG/KG OIL		12/19/96 12/20/96	AMC AMC

NOTE: DIESEL RANGE DETECTION IS MOST LIKELY DUE TO PRODUCT ELUTING FROM THE OIL RANGE

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

- ** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS
- *** ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY. THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY DECISIONS BASED ON ANALYTICAL DATA

APPROVED BY: __CI2



CLIENT:	SEVERSON CONSTRUCTION	DATE:	12/20/96
	1450 3RD AVE. WEST	CCIL JOB #:	612065
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	4
		DATE RECEIVED:	12/18/96
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE #0017
CLIENT SAMPLE ID:	T-4 12/17/96 3:16

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
HCID-GAS RANGE	WTPH-HCID	ND(<20)	MG/KG GAS		12/19/96	AMC
HCID-DIESEL RANGE HCID-OIL RANGE	WTPH-HCID WTPH-HCID	>50 >100	MG/KG DSL MG/KG OIL		12/19/96 12/20/96	AMC AMC

NOTE: DIESEL RANGE DETECTION IS MOST LIKELY DUE TO PRODUCT ELUTING FROM THE OIL RANGE

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

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APPROVED BY: CAR



CLIENT:	SEVERSON CONSTRUCTION	DATE:	12/20/96
	1450 3RD AVE. WEST	CCIL JOB #:	612065
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	5
		DATE RECEIVED:	12/18/96
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE #0017		
CLIENT SAMPLE ID:	T-5 12/17/96 3:12		

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION	ANALYSIS DATE	ANALYSIS BY
HCID-GAS RANGE	WTPH-HCID	ND(<20)	MG/KG GAS		12/19/96	AMC
HCID-DIESEL RANGE HCID-OIL RANGE	WTPH-HCID WTPH-HCID	>50 >100	MG/KG DSL MG/KG OIL		12/19/96 12/20/96	AMC AMC

NOTE: DIESEL RANGE DETECTION IS MOST LIKELY DUE TO PRODUCT ELUTING FROM THE OIL RANGE

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

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APPROVED BY: _ CV2



		CERTIFICATE	OF ANALYSIS		
CLIENT:	SEVERSON CON	ISTRUCTION	DATE:	12/20/96	
	1450 3RD AVE. V	NEST	CCIL JOB #:	612065	
	SEATTLE, WA	98119-3314			
			DATE RECEIVED:	12/18/96	
			WDOE ACCREDITATION #:	C142	
CLIENT C	CONTACT: PAUL	MASON			
CLIENT F	ROJECT ID:	TACOMA RESER	RVE #0017		

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
612065-01	WTPH-HCID	BCB	95
612065-01	WTPH-HCID	C25	108
612065-01(4 TO 1)	WTPH-HCID	C25	113
612065-02	WTPH-HCID	BCB	96
11 2065- 02	WTPH-HCID	C25	114
612065-02(4 TO 1)	WTPH-HCID	C25	102
612065-03	WTPH-HCID	BCB	98
612065-03	WTPH-HCID	C25	116
612065-03(4 TO 1)	WTPH-HCID	C25	97
612065-04	WTPH-HCID	BCB	96
612065-04	WTPH-HCID	C25	104
612065-04(4 TO 1)	WTPH-HCID	C25	92
612065-05	WTPH-HCID	BCB	98
612065-05	WTPH-HCID	C25	110
612065-05(4 TO 1)	WTPH-HCID	C25	96
· · · · ·			

APPROVED BY: _____



CLIENT:	SEVERSON CONSTRUCTION
	1450 3RD AVE. WEST
	SEATTLE, WA 98119-3314

DATE:	12/31/96
CCIL JOB #:	612065
CCIL SAMPLE #:	1
DATE RECEIVED:	12/18/96
WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE #0017
CLIENT SAMPLE ID:	T-1 12/17/96 3:07

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
HCID-GAS RANGE	WTPH-HCID	ND(<20)	MG/KG GAS		12/19/96	AMC
HCID-DIESEL RANGE	WTPH-HCID	>50	MG/KG DSL		12/19/96	AMC
HCID-OIL RANGE	WTPH-HCID	>100	MG/KG OIL		12/20/96	AMC
TPH-HEAVY OIL	WTPH-418.1	400	MG/KG	200MG/KG	12/31/96	RLF

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

- ** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS
- *** ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY. THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY DECISIONS BASED ON ANALYTICAL DATA

APPROVED BY:



CLIENT:	SEVERSON CONSTRUCTION	DATE:	12/31/96
	1450 3RD AVE. WEST	CCIL JOB #:	612065
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	2
		DATE RECEIVED:	12/18/96
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE #0017
CLIENT SAMPLE ID:	T-2 12/17/96 3:10

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
HCID-GAS RANGE	WTPH-HCID	ND(<20)	MG/KG GAS		12/19/96	AMC
HCID-DIESEL RANGE	WTPH-HCID	>50	MG/KG DSL		12/19/96	AMC
HCID-OIL RANGE	WTPH-HCID	>100	MG/KG OIL		12/20/96	AMC
TPH-HEAVY OIL	WTPH-418.1	250	MG/KG	200MG/KG	12/31/96	RLF

NOTE: DIESEL RANGE DETECTION IS MOST LIKELY DUE TO PRODUCT ELUTING FROM THE OIL RANGE

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: (



CLIENT:	SEVERSON CONSTRUCTION	DATE:	12/31/96
	1450 3RD AVE. WEST	CCIL JOB #:	612065
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	3
		DATE RECEIVED:	12/18/96
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE #0017
CLIENT SAMPLE ID:	T-3 12/17/96 3:19

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
HCID-GAS RANGE	WTPH-HCID	ND(<20)	MG/KG GAS		12/19/96	AMC
HCID-DIESEL RANGE	WTPH-HCID	>50	MG/KG DSL		12/19/96	AMC
HCID-OIL RANGE	WTPH-HCID	>100	MG/KG OIL		12/20/96	AMC
TPH-HEAVY OIL	WTPH-418.1	1400	MG/KG	200MG/KG	12/31/96	RLF

NOTE: DIESEL RANGE DETECTION IS MOST LIKELY DUE TO PRODUCT ELUTING FROM THE OIL RANGE

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CLIENT:	SEVERSON CONSTRUCTION	DATE:	12/31/96
	1450 3RD AVE. WEST	CCIL JOB #:	612065
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	4
		DATE RECEIVED:	12/18/96
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE #0017
CLIENT SAMPLE ID:	T-4 12/17/96 3:16

DATA RESULTS

				ACTION	ANALYSIS	ANALYSIS
ANALYTE	METHOD	RESULTS*	UNITS**	LEVEL***	DATE	BY
HCID-GAS RANGE	WTPH-HCID	ND(<20)	MG/KG GAS		12/19/96	AMC
HCID-DIESEL RANGE	WTPH-HCID	>50	MG/KG DSL		12/19/96	AMC
HCID-OIL RANGE	WTPH-HCID	>100	MG/KG OIL		12/20/96	AMC
TPH-HEAVY OIL	WTPH-418.1	2900	MG/KG	200MG/KG	12/31/96	RLF

NOTE: DIESEL RANGE DETECTION IS MOST LIKELY DUE TO PRODUCT ELUTING FROM THE OIL RANGE

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY



CLIENT:	SEVERSON CONSTRUCTION			
	1450 3RD AVE. WEST			
	SEATTLE, WA 98119-3314			

DATE:	12/31/96
CCIL JOB #:	612065
CCIL SAMPLE #:	5
DATE RECEIVED:	12/18/96
WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE #0017
CLIENT SAMPLE ID:	T-5 12/17/96 3:12

DATA RESULTS

				ACTION	ANALYSIS	ANALYSIS
ANALYTE	METHOD	RESULTS*	UNITS**	LEVEL***	DATE	BY
HCID-GAS RANGE	WTPH-HCID	ND(<20)	MG/KG GAS		12/19/96	AMC
HCID-DIESEL RANGE	WTPH-HCID	>50	MG/KG DSL		12/19/96	AMC
HCID-OIL RANGE	WTPH-HCID	>100	MG/KG OIL		12/20/96	AMC
TPH-HEAVY OIL	WTPH-418.1	700	MG/KG	200MG/KG	12/31/96	RLF

NOTE: DIESEL RANGE DETECTION IS MOST LIKELY DUE TO PRODUCT ELUTING FROM THE OIL RANGE

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: _____



CLIENT:	SEVERSON CONSTRUCTION	DATE:	2/26/97
	1450 3RD AVE. WEST	CCIL JOB #:	702048
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	1
		DATE RECEIVED:	2/14/97
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE
CLIENT SAMPLE ID:	OX-1 2/13/97 2:54

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-HEAVY OIL	WTPH-418.1	130	MG/KG	200MG/KG	2/19/97	JLB

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: _____



CLIENT:	SEVERSON CONSTRUCTION	*	
	1450 3RD AVE. WEST	Ξ.	
	SEATTLE, WA 98119-3314	2	
		à	
		:	

DATE:	2/26/97
CCIL JOB #:	702048
CCIL SAMPLE #:	2
DATE RECEIVED:	2/14/97
WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE
CLIENT SAMPLE ID:	OX-2 2/13/97 3:21

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-HEAVY OIL	WTPH-418.1	400	MG/KG	200MG/KG	2/19/97	JLB

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

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** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: __()



CLIENT:	SEVERSON CONSTRUCTION	DATE:	2/26/97
	1450 3RD AVE. WEST	CCIL JOB #:	702048
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	3
	·	DATE RECEIVED:	2/14/97
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE
CLIENT SAMPLE ID:	OX-3 2/13/97 2:56

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS By
TPH-HEAVY OIL	WTPH-418.1	130	MG/KG	200MG/KG	2/19/97	JLB

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT:	SEVERSON CONSTRUCTION	DATE:	2/26/97
	1450 3RD AVE. WEST	CCIL JOB #:	702048
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	4
		DATE RECEIVED:	2/14/97
		WDOE ACCREDITATION #:	C142

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CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE
CLIENT SAMPLE ID:	OX-4 2/13/97 3:00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS By
TPH-HEAVY OIL	WTPH-418.1	460	MG/KG	200MG/KG	2/19/97	JLB

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

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** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

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APPROVED BY: _____

Page 1



CLIENT:	SEVERSON CONSTRUCTION	DATE:	2/26/97
	1450 3RD AVE. WEST	CCIL JOB #:	702048
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	5
	·	DATE RECEIVED:	2/14/97
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE
CLIENT SAMPLE ID:	OX-5 2/13/97 3:15

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-HEAVY OIL	WTPH-418.1	ND(<100)	MG/KG	200MG/KG	2/19/97	JLB

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

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APPROVED BY:



CLIENT:	SEVERSON CONSTRUCTION	DATE:	2/26/97
	1450 3RD AVE. WEST	CCIL JOB #:	702048
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	6
		DATE RECEIVED:	2/14/97
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE	
CLIENT SAMPLE ID:	SS COMP #1 2/13/97 3:17	

DATA RESULTS

				ACTION	ANALYSIS	ANALYSIS
ANALYTE	METHOD	RESULTS*	UNITS**	LEVEL***	DATE	BY
TCLP ARSENIC	EPA-1311/7060	ND(<0.01)	MG/L	5.0 MG/L	2/24/97	JLB
TCLP BARIUM	EPA-1311/7081	0.63	MG/L	100.0 MG/L	2/24/97	JLB
TCLP CADMIUM	EPA-1311/7130	ND(<0.01)	MG/L	1.0 MG/L	2/24/97	JLB
TCLP CHROMIUM	EPA-1311/7190	ND(<0.08)	MG/L	5.0 MG/L	2/24/97	JLB
TCLP LEAD	EPA-1311/7420	ND(<0.3)	MG/L	5.0 MG/L	2/24/97	JLB
TCLP MERCURY	EPA-1311/7470	ND(<.002)	MG/L	0.2 MG/L	2/25/97	JLB
CLP SELENIUM	EPA-1311/7740	ND(<0.04)	MG/L	1.0 MG/L	2/24/97	JLB
TCLP SILVER	EPA-1311/7760	ND(<0.02)	MG/L	5.0 MG/L	2/24/97	JLB

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

" UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CLIENT:	SEVERSON CONSTRUCTION	DATE:	2/26/97
	1450 3RD AVE. WEST	CCIL JOB #:	702048
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	7
		DATE RECEIVED:	2/14/97
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE
CLIENT SAMPLE ID:	SS COMP #2 2/13/97 3:20

DATA RESULTS

				ACTION	ANALYSIS	ANALYSIS
ANALYTE	METHOD	RESULTS*	UNITS**	LEVEL***	DATE	BY
TCLP ARSENIC	EPA-1311/7060	ND(<0.01)	MG/L	5.0 MG/L	2/24/97	JLB
TCLP BARIUM	EPA-1311/7081	0.62	MG/L	100.0 MG/L	2/24/97	JLB
TCLP CADMIUM	EPA-1311/7130	ND(<0.01)	MG/L	1.0 MG/L	2/24/97	JLB
TCLP CHROMIUM	EPA-1311/7190	ND(<0.08)	MG/L	5.0 MG/L	2/24/97	JLB
TCLP LEAD	EPA-1311/7420	ND(<0.3)	MG/L	5.0 MG/L	2/24/97	JLB
TCLP MERCURY	EPA-1311/7470	ND(<.002)	MG/L	0.2 MG/L	2/25/97	JLB
CLP SELENIUM	EPA-1311/7740	ND(<0.04)	MG/L	1.0 MG/L	2/24/97	JLB
TCLP SILVER	EPA-1311/7760	ND(<0.02)	MG/L	5.0 MG/L	2/2 4/97	JLB

• "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

Approved by: _ C^{\dagger}



CLIENT:	SEVERSON CONSTRUCTION	DATE:	2/25/97
	1450 3RD AVE. WEST	CCIL JOB #:	702076
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	1
		DATE RECEIVED:	2/21/97
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE
CLIENT SAMPLE ID:	OX-4-1 2-21-97 1:30

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS By
TPH-HEAVY OIL	WTPH-418.1	ND(<100)	MG/KG	200MG/KG	2/25/97	JLB

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CLIENT:	SEVERSON CONSTRUCTION	DATE:	2/25/97
	1450 3RD AVE. WEST	CCIL JOB #:	702076
	SEATTLE, WA 98119-3314	CCIL SAMPLE #:	2
		DATE RECEIVED:	2/21/97
		WDOE ACCREDITATION #:	C142

CLIENT CONTACT: PAUL MASON

CLIENT PROJECT ID:	TACOMA RESERVE
CLIENT SAMPLE ID:	OX-2-1 2-21-97 1:30

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS By
TPH-HEAVY OIL	WTPH-418.1	ND(<100)	MG/KG	200MG/KG	2/25/97	JLB

• "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

Received Scholes	2. Relinquished By:	Received By:	SIGNATURES (Name, Company, Date, and Time):	POSSIBLE SAMPLE HAZARDS	Special instructions 4°	10.	9.	8.	7	6.	5. 1 ~ 5	4. T-4	3.7-3	2.7-2	1. 7~~	SAMPLE I.D.	SAMPLER'S NAME Key Shaunn	REPORT/INVOICE MAILING ADDRESS	PROJECT TALMA Reserve		(206) 292-9059 Seattle (206) 259-6289 FAX	CCI Analytical Laboratories, Inc. 3229 Pine Everett, WA 98201 Phone (206) 258-4548
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by Roger Newton		20:00 10:05	121/18/		nd .	• 											H-D 🗌 801 H-418.1	5 MODIFIED]		ANALYSIS REQUESTED	Chain of Custody / Laboratory Analysis Request
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CCI Analytical Labo 3229 Pine
Everett, WA 98201 Phone (206) 258

CCI Analytical Laboratories, Inc. 3229 Pine

Chain of Custody / Laboratory Analysis Request

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3229 Pine Everett, WA 98201 Phone (206) 258-4548	l	_ab	ora	ato	ry /	An	aly	/si	s A	eq	ue	st				Date 2	21] 4	<u>17</u>	Page		1	Of	1		
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APPENDIX B

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MANIFESTS AND WEIGHT TICKETS

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TPS Technologies, Inc.

Customer Job Report Gross & Tare Weight Codes: Mi-Manual; S-Scale; T-Trk File

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ub Numbu	er Name		SiteAddr	265		Sin	leCity	State	ZipCode
03 0109	4 NAVAL RESER	VE CENTER	1100 BAS	T ALEXAN	DER A	ENUE EA TA	COMA	WA	98424
	Date & Time Out	Transporter # 1001800	Truck a	t Trailer Nu	mber	Gross (lb) 105,400M	Tare (lb) 40,320M	Net (1b) 65,080	Net Wt (tons) 32.5
2	02/28/97 00:00 03/04/97 13:11	1001800 1001800	Robert			115,000M 0	40,320M 0	7 4,680 0	37.3 0.0
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Manifest	14 St 1 2 1	PS Techno No	n-Fiazar				A	A. Mar	ifout # J	1. Sec. 15.
Date of Shipments	Responsible for Contract		Transport	ter Truci	k #:	Facility #: A03		en by TPS: 094	et di tet tet di	001
Generator's Name and Billing		,		1 .	rator's l'hune			Generator's U	is epa ID No.	
1100 EAST ALE	XANDER AVE	INUE EASI	ſ		in in Conjact: SIGN WA	LZ				
TACOMA, WA 98		ι	JSA	FAXI				CUSTODIUT ACC	ount Number LR	with TPS:
Consultant's Name and Billing SEVERSON CONS	•				ukani s Phore 16) 284					
4815 - 54th A	VENUE BW			PAL	n to Contact:	N				· · · · # · · · pe · · · · · · · ·
SEATTLE, WA 9		L	JSA		6) 284	-4186		Customer Acc 10013	ount Number 88	with TPS:
Generation Site (Transport from NAVAL RESERVE				(20	Nune II: 16) 383	-3577		BTEX Levels	*	
1100 EAST ALE	KANDER AVE	NUE EAST		BOE	n to Contact: THRAW	۳ ۵		TPH Levels		
TACOMA, WA 984			ISA	FÁXI				AVG. Levels		<u> </u>
Designated Facility (Transport TPS Technolog:	ies Inc.			(20	ly Phone #: 16) 584 - n to Contact:	8430		Facility Permi	Numbers	
2800 - 104th 9	Street Cou	rt South	ł	Ren FAXE	ee Ave	lino				.
TECONE, WA 984 Transporter Name and Mailing	g Address:	ປ	ISA	Trans	6)584-	*:		iransjanster '> 1	US EPA ID Nu).:
COKAMAR TRUCK	(NG, INC.			Perso	Ø) 697 n to Contact:		· :	[ransporter's	DOT No.:	
SILVERDALE, W	A 98383	U	Isa		<u>y webs</u> 0) 779	المالا فيستعد ومشاكل الملاك		Y66188	ouni Number	with TPS:
Description of Soll	Molature Content	Contaminated b	y: Appre			on of Delive			Tare Weight	
Sand Deganic D Clay D Other D	0 - 10% (1) 10 - 20% (1) 20% - over C	Ges D Diesel Vill Other D	30	Ť	T	ジー				
Anné El Organic El Clay O. Orker D List any exception to items listed ab	0 - 10% Q 10 - 20% Q 20% - over Q	Gas D Diasel C Other D			· · · · ·					
Generator's andfor consulta Sheet completed and certific ony way.										
Print of Type Name		Consultant	54		o our Li	Spe	in		Noith R	Day 74
Transporter's certification: condition as when received without off-loading, adding Print or Type SamA	. 1/We further cert	ify that this soil	is being delaying	directly	transported	from the G			e Designated	
Discrepancies:	Tohns	<u>784</u>		let	it f	ys fu	v.th		2	28 9
Recycling Facility certifies the	receipt of the soil co	vered by this man	ifest excep	i as not	ed above:					
Print or Type Name: RENEE AVELINO	- CSN			121475 814		1947 - 2	• • •		. د د ب ر در سیمی م	-,

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	Manifes	T Line and Line and	PS Techno Noi	ologie n-liazaro		-	cling			
	Date of Shipment:	Responsible fo Contrad		Transport	er Truci	: #:	kecility#: AØ3	Given by TPS: Ø1094		Load # 002
	Generator's Name and Bills NAVAL RESERV 1100 EAST AL	Ë CENTER Exander av	ENUE EAST		120 Perso	n to Contact	3-3577	Crossomer Act		
	TACOMA, WA 9 Consultant's Name and Bill		<u>ل</u>	15.		iliant's Phon		SNAVA		r wath 115.
	SEVERSON CON 4815 - 54th	STRUCTION			(20 Perso		4-1229			
	SEATTLE, WA			SA	FAX#		4-4186	Customer Arc 1001.3		with 10S
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3UG	1100 EAST AL	EXANDER AV	ENUE EAST	I	BOB	to Contact: THRAV	۲P	1144 Levels		
Consultant	TACOMA, WA SE			SA	FAX#			AVG. Ecvels		
anavor co	Designated Facility (Transpo TPS Technolog 2800 - 104th	gies Inc.			(20 Purses	y Phone #: 6)584- to Contact ee Ave		Facility Permi	I NUMBETS	ant- ant
INFIAROL &	Tecome, WA 98	3444-6766		54	FAX#	6)584-	8309		· · · · · · · · · · · · · · · · ·	
	Transporter Name and Maill COXAMAR TRUCH P. O. BOX 2707	(ÎNG, INC. 7			(36 Purson	Notice's Phon 2) 697 1 to Contact: Y WEBS 0) 779	7-4622	Transporter's I Transporter's I Customer Art 100180	DOT No.:	a 1917 - Sala Jakaria da sa
	SILVERDALE, N Description of Soli	A 98383 Maisture Content		SA			lon of Delivery			
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	Sand D Organic Li Clay L Other D List any exception to hems listed	20% - over D 0 - 10% D 10 - 20% D 20% - metr U	Other D Gas U Diesei D Other D							• • • • • • • •
	Generator's andfor consul Sheet completed and certi any way.									
	Prant or Type Name: X KEIN L SI	Generator D				- AA	sen		22	B 57
	Transporter's certification condition as when receive without off-loading, addin	d. I/We further ver	lify that this soil	is being d lelaying d	lirectly elivery	to such site	t from the Ge	il is being delivered neration Sile to the 1	e Designater	l Facility
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	Discrepancles:			•		4	<i>6</i> *			
	Recycling Facility certifies t	he receipt of the soil ce	nered by this meni					······································	·····	
A	Print or Type Name: RENEE AVELINO	- CSM		Sign	nture atu	L d ə(#:				
	Service Prove of	THE PARTY OF THE PARTY OF			·					

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Manifest		PS Technol Non-	'OGIES DOI Hazardous Su		¥ Ma	nifest # 4	•
Date of Shipment:	Responsible for Contrac	r Payment: T	lansporici Truck A				1.anad ØØj 1
Generator's Name and Billing	Address CENTER			lor's Phone #.) 383-3577		IS FPA ID No.	••••••!
1100 EAST ALE	KANDER AV	ENUE EAST		GN WALZ		nennet, the to consider	
TACOMA, WA 984	42.4	US	SA PAX#:		Customer Ac 3NAVA	count Number wi LR	th TPS:
Consultant's Name and Rilling	•			ant's Phone #: 1) 284-1229)		
4815 - 54th AV	VENUE SW			lo Contact: MASON	······································	· ····	
SEATTLE, WA 98	3116	US	SA (206) 284-4186	Customer Ac 10013	count Number wi 88	053148
Generation Sile (Transport from NAVAL RESERVE			Sile Pho	^{me∦:}) 383-3577	BTEX Levels		
1100 EAST ALE		ENUE EAST	Perham	o Contact: THRAWP	1794 Levels		•••••••
TACOMA, WA 984	124	UE	FAX#:	· · ·	AVG. Levels		
Designated Facility (Transport TPS Techno) og 5)		Phone #:)584-8430	Pacility Permi	l Numbers	
2800 - 104th 9		urt South	Person (Rene	e Avelino			
Tacoma, WA 984	44-6766	US	FAX# (206)584-8309		· •	
Transporter Name and Mailing COKAMAR TRUCKS				rter's Phone #:) 697-4622		OS ETA ID No	
P.D. BOX 2707		· .	1 .	o Contact: WEBSTER	Transporter's	DOT No.:	
SILVERDALE, W	98383	US	A (360) 779-9741	(TRATE)	Number wit	h TPS:
Description of Soll	Moisture Content	Contaminated by:	Approx. Qty:	Description of Deliv	very Gross Weight	Tare Weight N	let Weig
Sand 🖾 - Organic 🗆 Clay 🖬 - Other 🗳	0 - 10% ⊔ 10 - 20% ⊔ 20% - over ⊔	Gas U Diesei U Other U			105400	1020	ED BO
Sand L Organie L Clay L Other L List any exception to turne listed ab	0 - 10% U 10 - 20% U 20% - over U	Gas D Diesel D Other D			32.54		
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Print or Type Name:	Generator U	Consultant 🛛	Signatum and	lato:		Manth Day	Yesi
Transporter's cartification: condition as when received without off loading, adding	I/We further cet	tify that this soil is	s being directly (ransported from the	i soil is being delivere Generation Sile to th	ne Designated F	acility
Will a Winghame	Johns	TAD	Signatur had	F Thu	ite	Annth Day	97
Description of the		hun	· · · · · ·				
Recycling Facility certifies the	e receipt of the soil c	overed by this manif			$\overline{\Lambda}$		
Print in These Manue			Signature and			- Isr	100
Finitor Type Name: RENEE AVEL.INO	CSN	• •	KU	NOCAA W	Supper		6

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Manifest	· · · ·	-	es Soll Recy rdous Soils	veling	J Menite	st # 4
Date of Shipment:	Responsible for Payment: Contractor	Тганирог	ter Duck #:	Facility #: A03	Given by TPS: 01094	1002
- Generator's Name and Billing A NAVAL RESERVE	CENTER		Generator's Phone (206) 38	e#: Э− 3577	Generator's US 149	A ID No.
1100 EAST ALEX	ANDER AVENUE EAS	5T	Person to Contact		·····	• • • •
тасона, на 984:	24	USA	FAX# :		Customer Account	Nomber with 375:
Consultant's Name and Billing / SEVERSON CONSTI	ddirse: RUCTION		Consultant's Phore (206) 28			
4815 - 54th AV	enue sw		PAUL NAS	ON		
	ur.	11614	FAX#:	1 BL 184	Customer Account	Number with TPS:

*ref 6251-51.5 90%

APPENDIX C

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SITE PHOTOS



Photo 1 - Photo of the over-excavation of AST storage area (view to northeast)



Photo 2 - Photo of the over-excavation of AST storage area (view to northwest)

SITE PHOTOS - AST REMOVALS & SITE SOIL REMEDIATION NAVMARCORESCEN Source: SEVERSON CONSTRUCTION, February 1997



Photo 3 - Photo of the over-excavation of AST storage area (view to west)



Photo 4 - Photo of the over-excavation of AST storage area (note u/g piping)

SITE PHOTOS - AST REMOVALS & SITE SOIL REMEDIATION NAVMARCORESCEN Source: SEVERSON CONSTRUCTION, February 1997