GROUNDWATER TECHNOLOGY ®

Groundwater Technology, Inc.
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Tel: (907) 276-5600 Fax: (907) 276-4480

September 27, 1995

Mr. Robert Gondek
Chevron U.S.A. Products Company
6001 Bollinger Canyon Road
Building "L", Room 2128
San Ramon, CA 94583-0804

Subject: Underground Storage Tank Removal Assessment
Chevron Service Station #9-0430
6470 Debarr Road
Anchorage, Alaska

Dear Mr. Gondek:

Introduction

The USTs formerly at the site included a set of three gasoline product tanks (two 10,000 gallon tanks and one 6,000 gallon tank), a 500 gallon heating oil tank and a 1,000 gallon used oil tank. These USTs were installed in 1969. Underground piping ran from each of the gasoline tanks to two dispenser islands in front of the service station (figure 1). On May 24, 1995, the tanks, piping and dispensers were excavated and removed from the site by B-C Excavating in accordance with standard practices for UST removal. Separate phase hydrocarbons are present on the groundwater below the site indicating that releases have occurred. There is an active product recovery effort underway at the site. Additionally, a soil vapor extraction system was installed in conjunction with the UST removal and subsequent site remodeling.

Field screening techniques were used to segregate the excavated soil into impacted and non-impacted stockpiles. All stockpiles were sampled in accordance with Alaska Department of Environmental Conservation (ADEC) guidelines and representative samples were submitted for laboratory analysis. Figure 2 shows stockpile storage locations and stockpile sampling locations for stockpiles generated from excavation of old USTs and installation of new USTs. The most highly impacted soil was transported to Alaska Soil and Recycling, Inc. for thermal remediation. The rest of the stockpiled material was used as backfill. This was approved by ADEC upon Chevron's request. The soil will be remediated *in situ* during Chevron's vapor extraction remediation program.

Groundwater Technology, Inc. conducted field screening of the soil around the tanks, dispensers and piping and sampled the limits of excavations. Sample locations are illustrated on figure 1 and laboratory results are listed in tables 1 and 2. Groundwater Technology conducted all sampling in accordance with the ADEC UST Regulations and Groundwater Technology's ADEC-approved Quality Assurance Project Plan (QAPP). Cleanup levels, based on criteria outlined in ADEC's Matrix Score Sheet, are shown in table

3. The presence of separate phase hydrocarbons on the water table below the site establishes this as a Level A site. As such, ADEC acceptable cleanup levels for soil are 100 mg/kg diesel range organics, 50 mg/kg gasoline range organics, 2000 mg/kg residual range organics, 0.1 mg/kg benzene and 10 mg/kg total BTEX (sum of benzene, toluene, ethylbenzene and total xylenes).

Hazardous Waste Concerns

To test for the potential presence of hazardous wastes, selected soil samples were analyzed for metals and halogenated volatile organic compounds (HVO). Three soil samples taken from the gasoline tank excavation contained 5, 6 and 7 mg/kg total lead. These total lead concentrations equal or slightly exceed the regulatory limit of 5 mg/kg; however, application of the "divide by 20 rule", whereby leachable metals concentrations can be assumed to be approximately one-twentieth of the total metals concentration, suggests that lead is not a concern. This assumption is supported by comparative analyses of total vs. leachable lead discussed below.

Soil samples collected from the used oil tank excavation and from the contaminated used oil stockpile were analyzed for metals (lead, arsenic, cadmium and chromium) and HVO. Total lead, chromium and cadmium concentrations exceed regulatory limits. However, a comparative analysis for lead using the Toxicity Characteristic Leaching Procedure (TCLP) extraction method for sample UOTSP2 indicated that leachable lead was not detected. Additionally, the "divide by 20 rule" suggests that none of the metals are at hazardous levels. HVO analytes were not detected in the soil samples taken from the used oil tank excavation.

Product Pipelines

Buried 1-inch diameter piping ran at a depth of about 2 feet below the surface from the east side of the gasoline product tanks to the dispensers. During the closure, the piping was uncovered and removed. Field observations and field screening with a photoionization detector (PID) showed that petroleum hydrocarbons had not significantly impacted the soil surrounding the piping (table 4). Therefore, no soil samples were collected for laboratory analysis.

Table 4
Summary of PID Readings
Product Pipeline Excavation

SAMPLE	PRPID1	PRPID2	PRPID3	PRPID4	PRPID5	PRPID6	PRPID7
DEPTH (ft)	2.5 - 3.0	2.5 - 3.0	2.5 - 3.0	2.5 - 3.0	2.5 - 3.0	2.5 - 3.0	2.5 - 3.0
PID (ppm)	3.6	4.0	3.0	3.6	3.0	41.0	37.7

Note: Sample locations are illustrated in figure 1.

Gasoline Dispenser Islands

Two gasoline dispenser islands on the north side of the service station were removed. Samples collected from the soil under the dispensers at 2.5 to 3 feet beneath the surface were analyzed for benzene, toluene, ethylbenzene and total xylenes (BTEX) and gasoline range organics (GRO). Sample DS2, collected from soil beneath the northern most dispenser, had BTEX and GRO concentrations above ADEC cleanup levels (table 1). Soil sample DS1, taken from soil below the southern dispenser island, was found to contain low concentrations of petroleum hydrocarbons below ADEC cleanup levels.

Gasoline USTs

Three USTs were located on the east side of the service station. As the soil was excavated from above and around the tanks, it was segregated based on field screening into a non-impacted stockpile and an impacted stockpile. The soil was composed of gravel, sand and silt. A shallow pool of water approximately 4 feet in diameter with a visible petroleum hydrocarbon sheen was confined on a silty gravel horizon under the middle UST. PID readings of the soil at the limits of the excavation ranged from 85 ppm to 488 ppm.

Ten soil samples and one duplicate sample were taken from the limits of the 11 to 14 foot deep excavation. Laboratory analyses of the soil samples for BTEX and GRO determined that 8 out of the 10 soil samples collected contained concentrations above the acceptable ADEC cleanup levels (table 1).

Four samples were taken from the stockpiles associated with the product tank removal, two soil samples from the impacted stockpile and two from the non-impacted stockpile. The impacted stockpile contained BTEX and GRO concentrations above the acceptable ADEC cleanup levels (table 2), while the soil from the non-impacted stockpile was below. Both stockpiles were used to backfill excavations as approved by ADEC.

Heating Oil Tank

A 500 gallon abandoned heating oil underground tank was located in back of the service station adjacent to the southeast corner of the building. This underground tank had not been used since 1979 when natural gas was supplied to the facility. The soil beneath the tank at a depth of 6 to 7 feet below the surface was well-graded gravel with sand and silt and had PID readings of 10.6 and 17.4 ppm. Diesel range organic (DRO) analyses of two soil samples collected from the bottom of the excavation after tank removal were above ADEC cleanup levels (table 1).

Only one stockpile was generated. The two stockpile samples collected were below cleanup levels for DRO. The soil was used as backfill.

Used Oil Tank

The 1000 gallon used oil tank was located behind the service station adjacent to the southwest corner of the building. The sandy gravel surrounding the tank, excavated to a 9 foot depth, showed some staining. Two soil samples collected from the limits of the used oil tank excavation, UOTS1 and UOTS2, were analyzed for BTEX, GRO, DRO, total petroleum hydrocarbons (TPH), halogenated volatile organics (HVO) and metals (lead, arsenic, cadmium and chromium). Neither sample contained detectable concentrations of BTEX, GRO, or HVO. Sample UOTS2 contained DRO above ADEC acceptable limits (table 1). Both sample UOTS1 and sample UOTS2 showed anomalous total chromium and total cadmium, and sample UOTS2 contained total lead above the regulatory limit (table 1). Leachable chromium, extracted from sample UOTS1 using the TCLP method, however, was not detected. Additionally, the "divide by 20 rule" suggests that lead, chromium and cadmium are not at hazardous levels.

During excavation, the soil associated with the used oil tank was segregated into non-impacted and impacted stockpiles. Soil samples taken from the impacted stockpile contained high concentrations of DRO and TPH and low concentrations of HVO. The stockpile was transported to Alaska Soil and Recycling for thermal remediation. The non-impacted stockpile was used to backfill excavations.

Quality Assurance Review

Quality assurance measures run by the laboratory were generally found to be within acceptable limits. Exceptions found are discussed below.

Two matrix spike (MS) and/or matrix spike duplicate (MSD) recoveries were out of control limits. Laboratory control spike (LCS) and laboratory control spike duplicates (LCDS) recoveries were within acceptable limits. Based on the laboratory control samples, these MS/MSD results did not adversely impact the confidence in the related sample results.

Six samples had surrogate recoveries greater than acceptable limits due to the presence of interfering compounds in the sample. Five of the six samples were DRO samples from the used oil and heating oil tank areas. Further review of the quality control results indicated that the surrogate recoveries for the associated method blanks and MS/MSD sample were acceptable. Therefore, the problem was not systemic, the matrix interference explanation was accepted, and the sample results were considered to be good. In summary, the laboratory quality control exceptions did not adversely affect the sample results.

Groundwater Technology collected three duplicate samples during the course of this sampling event. These duplicates are shown below the primary sample in tables 1 and 2. Generally the duplicate analyses were within acceptable limits as stipulated by ADEC with the exception of soil sample HTS1 and and its duplicate, HTS2. The DRO values of these samples differed by two orders of magnitude. The difference is most likely a result of bias introduced during sample collection or laboratory extraction.

Trip blanks were used during the project and were shipped with each cooler of samples. Trip blank results, shown at the bottom of table 2, suggest that sample integrity was maintained during the transportation, packaging and shipping of samples.

Conclusions

Soil sampling and field observations during removal of the USTs indicate that soil containing levels of petroleum hydrocarbons above acceptable ADEC cleanup concentrations is present at the UST site. Petroleum hydrocarbons were found in the soil associated with the gasoline tank array, the heating oil tank, the used oil tank and the northernmost gasoline dispenser. The most highly impacted soil was removed for off-site disposal. The remaining soil will be remediated on-site using a vapor extraction system which was installed in conjunction with the UST closure and remodeling as part of Chevron's service station upgrade and remediation.

Sincerely,

Groundwater Technology, Inc.
Written by:

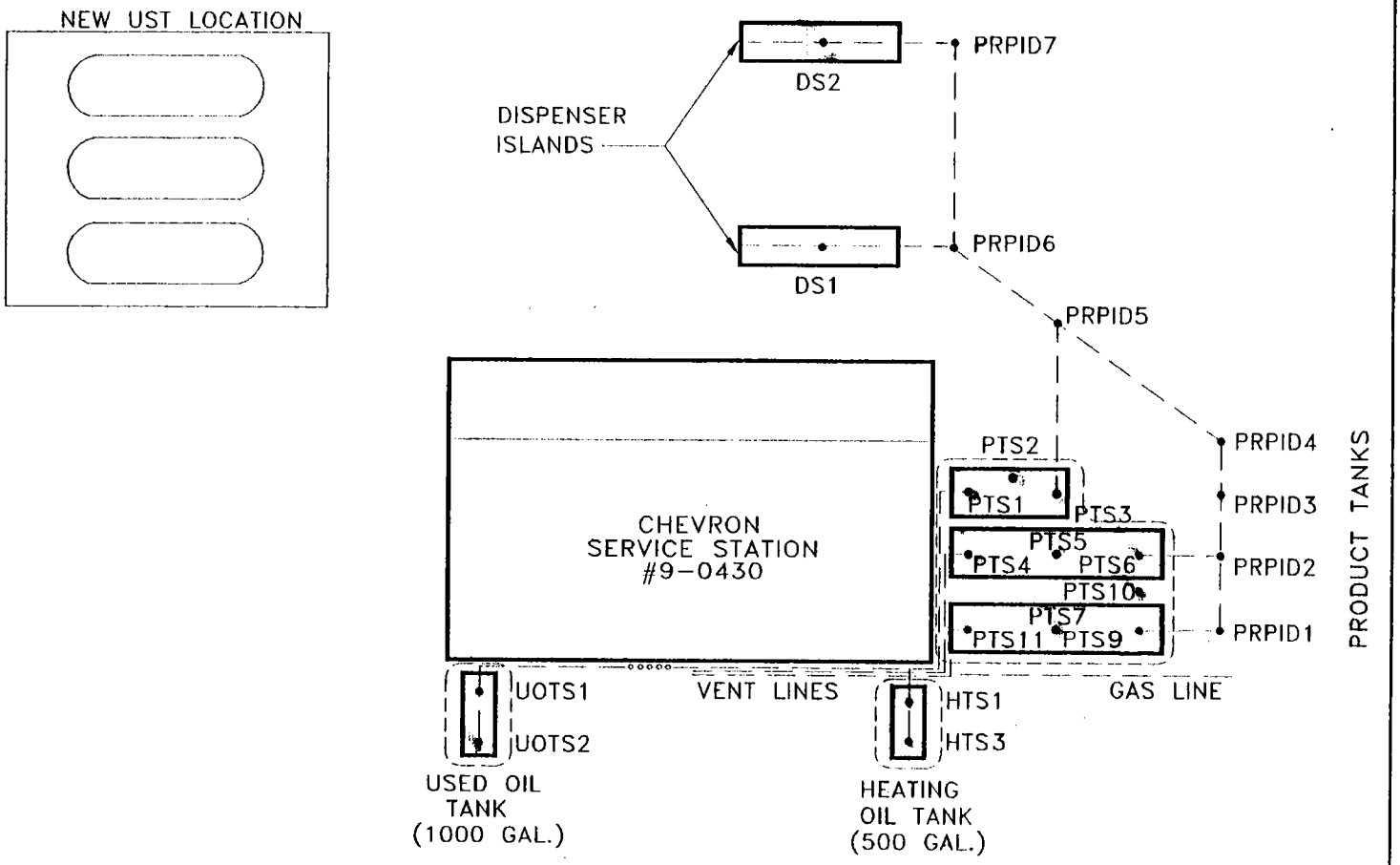
for Nathan C. Burnham
Associate Geologist

Groundwater Technology, Inc.
Reviewed/Approved by:

Jeffrey D. Leety
Project Manager
FOR:

Attachments
1. Figure 1, Site Map Showing Sample Locations
2. Figure 2, Site Map Showing Stockpile Sample Locations
3. Table 1, Summary of Soil Sampling and Analytical Results, Tank and Dispenser Excavations
4. Table 2, Summary of Soil Sampling and Analytical Results, Soil Stockpiles
5. Table 3, ADEC Score Matrix Sheet
6. Photographs of UST Removal Activities
7. Tank, Soil, and Waste Disposal Receipts
8. ADEC Soil Transport Permit Approval
9. Laboratory Results and Chain of Custody Records
10. ADEC Closure and Post Closure Notices

De Barr Road



LEGEND	
	LIMITS OF EXCAVATION
- - - -	PRODUCT PIPING
UOTS1 •	SAMPLE LOCATION

N

Base Map from Shannon & Wilson, Inc., September 1992 Quarterly Report

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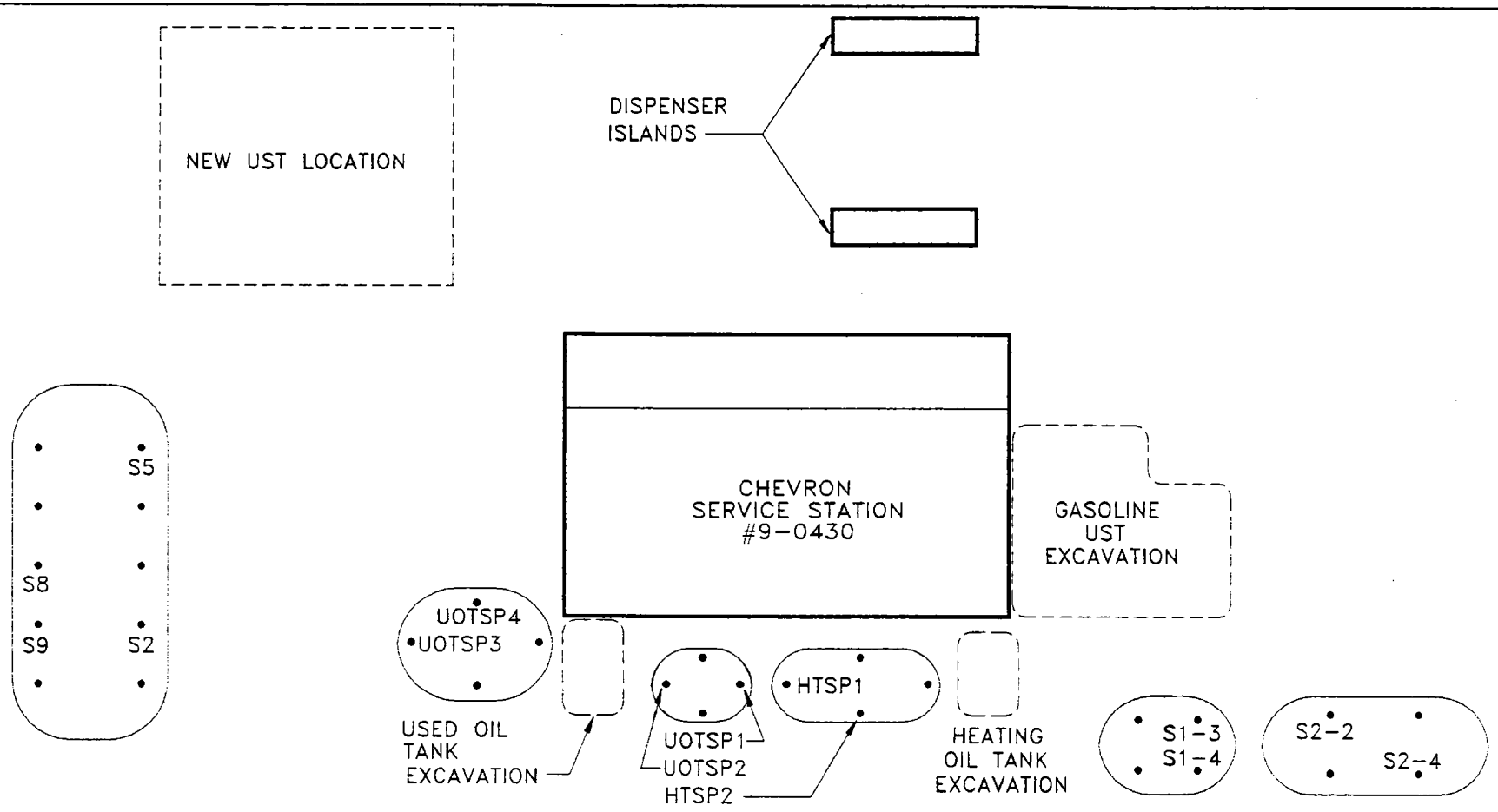
NOT TO SCALE

SITE MAP SHOWING SAMPLE LOCATIONS

CLIENT:	CHEVRON SERVICE STATION # 9-0430
LOCATION:	6470 DEBARR ROAD ANCHORAGE, ALASKA
ACAD FILE:	CH90430A
PROJECT NO.:	830011121.2004
REV.:	3
DES.:	JL
DET.:	DG
DATE:	9/21/95
FIGURE:	1
PM:	
PE/RG:	



LEGEND	
	LOCATION OF TANK EXCAVATIONS
	STOCKPILE LOCATIONS
•	SAMPLE LOCATION FOR FIELD SCREENING
• UOTSP1	SAMPLE SUBMITTED FOR LABORATORY ANALYSIS

NOTE

STOCKPILE SOIL SAMPLES WERE SCREENED IN THE FIELD WITH A PHOTOIONIZATION DETECTOR (PID). THE SAMPLES WITH THE HIGHEST PID READINGS WERE SUBMITTED TO THE LABORATORY FOR ANALYSIS.

Base Map from Shannon & Wilson, Inc., September 1992 Quarterly Report

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NOT TO SCALE

SITE MAP SHOWING STOCKPILE SAMPLE LOCATIONS

CLIENT:	CHEVRON SERVICE STATION # 9-0430
LOCATION:	6470 DEBARR ROAD ANCHORAGE, ALASKA
ACAD FILE:	CH90430B
PROJECT NO.:	830011121.2004
REV.:	1
DES.:	JL
DET.:	DG
DATE:	9/21/95
FIGURE:	2
PM:	
PE/RG:	

Table 1
Summary of Soil Sampling and Analytical Results
Tank and Dispenser Excavations
Chevron Service Station # 9-0430
UST Closure Report
May 24, 1995
(All results expressed as milligrams per kilogram unless otherwise noted)

Sample ID	Sample Location	Sample Depth (ft)	PID Reading (ppm)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	GRO	DRO	TPH	HVO	Leachable Metals (TCLP)		Metals (total)				Comments
													Pb	Cr	Pb	As	Cd	Cr	
DS1	Dispenser	2.5-3	284	ND	ND	ND	0.006	0.006	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	
DS2	Dispenser	"	182	**30**	560	150	890	**1,639**	**5,100**	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PTS1	Product tank excavation	11.5-12.5	373	**18**	130	24	250	**422**	**1,200**	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PTS2	"	"	434	**9.1**	93	24	150	**276.1**	**790**	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PTS3	"	"	387	**3**	88	35	200	**326**	**1,000**	NA	NA	NA	NA	NA	5	NA	NA	NA	
PTS4	"	"	511	**0.50**	11	2.7	21	**35.2**	**120**	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PTS5	"	13-14	488	**35**	320	81	460	**896**	**2,600**	NA	NA	NA	NA	NA	6	NA	NA	NA	
PTS6	"	11.5-12.5	257	**98**	620	140	750	**1,608**	**5,100**	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PTS7	"	"	85	ND	1	0.48	10	**11.48**	**81**	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PTS8	"	"	NA	NA	NA	NA	NA	NA	36	NA	NA	NA	NA	NA	NA	NA	NA	NA	Duplicate of PTS7
PTS9	"	"	196	0.020	0.1	ND	0.76	0.88	5	NA	NA	NA	NA	NA	7	NA	NA	NA	
PTS10	"	"	275	**35**	530	140	850	**1,555**	**4,800**	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PTS11	"	"	300	ND	0.021	0.006	ND	0.027	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	
UOTS1	Used oil tank excavation	8.5-9	6.1	ND	ND	ND	ND	ND	ND	9	43	ND	NA	ND	ND+	ND	0.5	51	
UOTS2	"	"	7.6	ND	ND	ND	ND	ND	ND	**170**	570	ND	NA	NA	9	ND	1.2	30	
HTS1	Heating oil tank excavation	6-7	17.4	NA	NA	NA	NA	NA	NA	**270**	NA	NA	NA	NA	NA	NA	NA	NA	
HTS2	"	6-7	"	NA	NA	NA	NA	NA	NA	5	NA	NA	NA	NA	NA	NA	NA	NA	Duplicate of HTS1
HTS3	"	6-7	10.6	NA	NA	NA	NA	NA	NA	**500**	NA	NA	NA	NA	NA	NA	NA	NA	
ADEC Cleanup Levels				**0.1**				**10**	**50**	**100**									

Notes:
- NA = Not applicable/not analyzed/not available
- ND = Not detected
- GRO = Gasoline range organics as determined by ADEC Method AK101.
- DRO = Diesel range organics as determined by ADEC Method AK102.
- TPH = Total petroleum hydrocarbons as determined by EPA Method 418.1.
- HVO = Halogenated volatile organics as determined by EPA Method 8010.
- Tet-C = Tetrachloroethene
- \+ = The laboratory raised detection limit due to matrix interferences.

Total BTEX was calculated assuming ND = 0.
Bolded values exceed ADEC cleanup levels.

CHEVRON 9-0430/0430-TAB.WK4

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Table 2
Summary of Soil Sampling and Analytical Results
Soil Stockpiles
Chevron Service Station # 9-0430
UST Closure Report
May 24, 1995
(All results expressed as milligrams per kilogram unless otherwise noted)

Sample ID	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	GRO	DRO	TPH	HVO Tet-C	Leachable Metals (TCLP)		Metals (total)				Comments
										Pb	Cr	Pb	As	Cd	Cr	
S1-4	**0.26**	5.7	3.2	28	**37.16**	**140**	NA	NA	NA	NA	NA	NA	NA	NA	NA	
S1-3	**0.14**	6.1	4.3	36	**46.54**	**220**	NA	NA	NA	NA	NA	NA	NA	NA	NA	
S2-2	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	
S2-4	ND	0.54	0.42	5.5	6.46	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	
UOTSP1	ND	ND	ND	ND	ND	ND	**730**	**3,200**	7.7	NA	NA	18	ND	1.1	23	
UOTSP2	ND	ND	ND	ND	ND	1	**1,100**	**3,200**	13	ND	NA	32	ND	1.1	23	
UOTSP3	ND	ND	ND	ND	ND	ND	84	NA	NA	ND	ND	NA	NA	NA	NA	
UOTSP4	ND	ND	ND	ND	ND	ND	19	NA	NA	NA	NA	NA	NA	NA	NA	
UOTSP5	NA	NA	NA	NA	NA	NA	18	NA	NA	NA	NA	NA	NA	NA	NA	Duplicate of UOTS4
HTSP1	NA	NA	NA	NA	NA	NA	68	NA	NA	NA	NA	NA	NA	NA	NA	
HTSP2	NA	NA	NA	NA	NA	NA	27	NA	NA	NA	NA	NA	NA	NA	NA	
S2	ND	0.24	0.32	16	**16.56**	**180**	NA	NA	NA	NA	NA	NA	NA	NA	NA	
S5	ND	ND	ND	ND	ND	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	
S8	ND	ND	ND	ND	ND	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	
S9	ND	ND	ND	0.24	0.24	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	
ADEC Cleanup Levels	**0.1**				**10**	**50**	**100**	**RRO= 2000**								
*TB-1	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
**TB-2	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Notes:
NA = Not applicable/not analyzed/not available
ND = Not detected
GRO = Gasoline range organics as determined by ADEC Method AK101.
DRO = Diesel range organics as determined by ADEC Method AK102.
TPH = Total petroleum hydrocarbons as determined by EPA Method 418.1.
HVO = Halogenated volatile organics as determined by EPA Method 8010.
Tet-C = Tetrachloroethene
Total BTEX was calculated assuming ND = 0
Bolded values exceed ADEC cleanup levels.
TPH values of 3,200 mg/kg are bolded because they imply through calculation that the samples exceed RRO cleanup levels, RRO=TPH-(DRO+GRO).
* Trip blank TB-1 was shipped with samples from product tank and dispenser excavation, reported as TB-LB by laboratory.
**Trip blank TB-2 was shipped with samples from used oil and heating tank excavations, reported as TB-LB by laboratory.

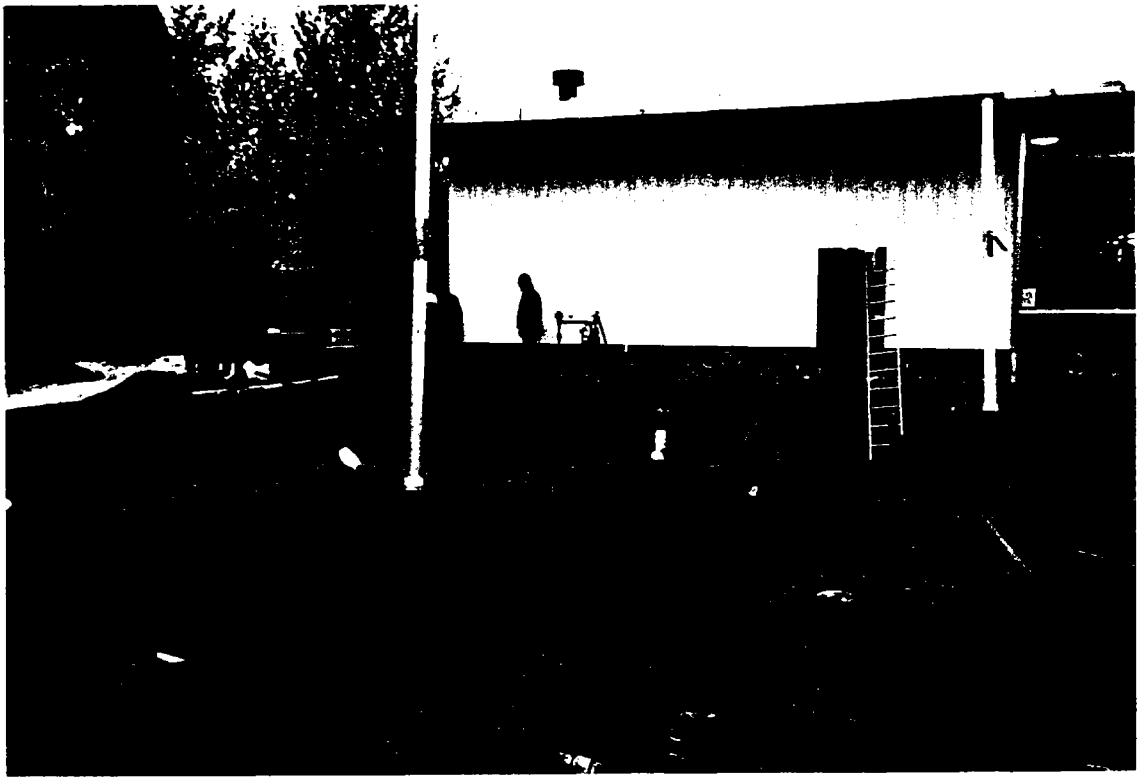

Photo 1. Looking SW at product tank excavation prior to tank removal.

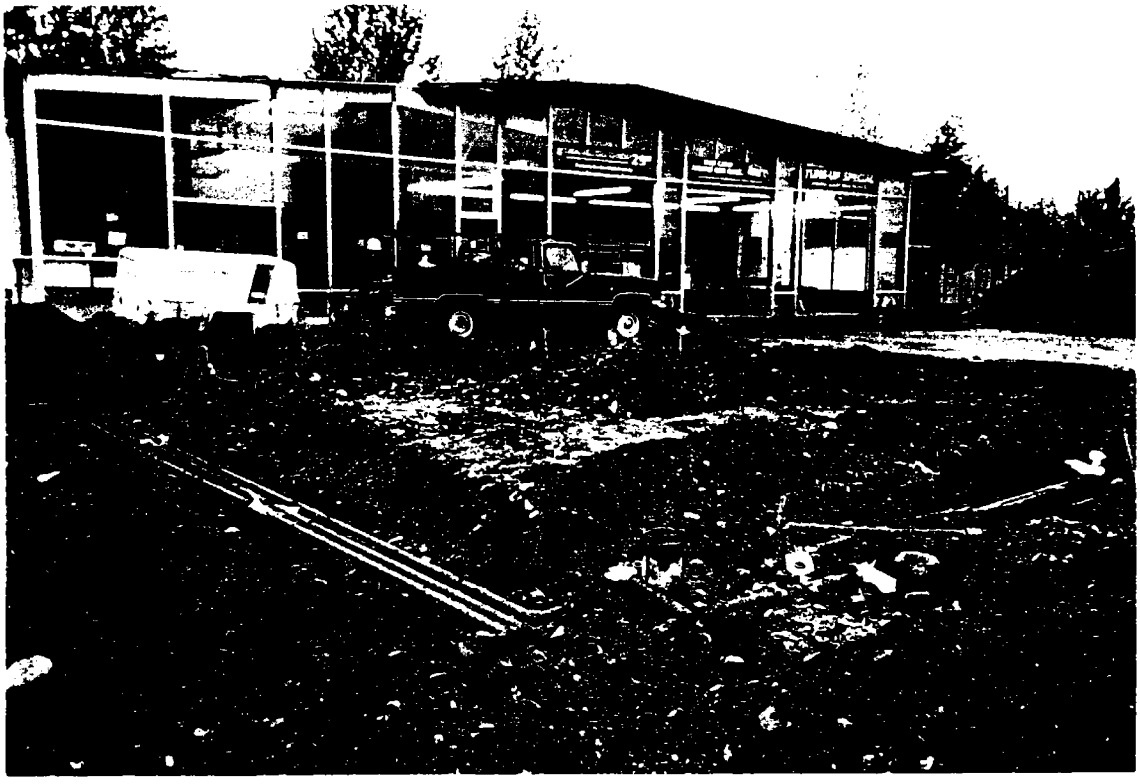

Photo 2. Looking SW at northern protion of the product lines and the dispenser islands

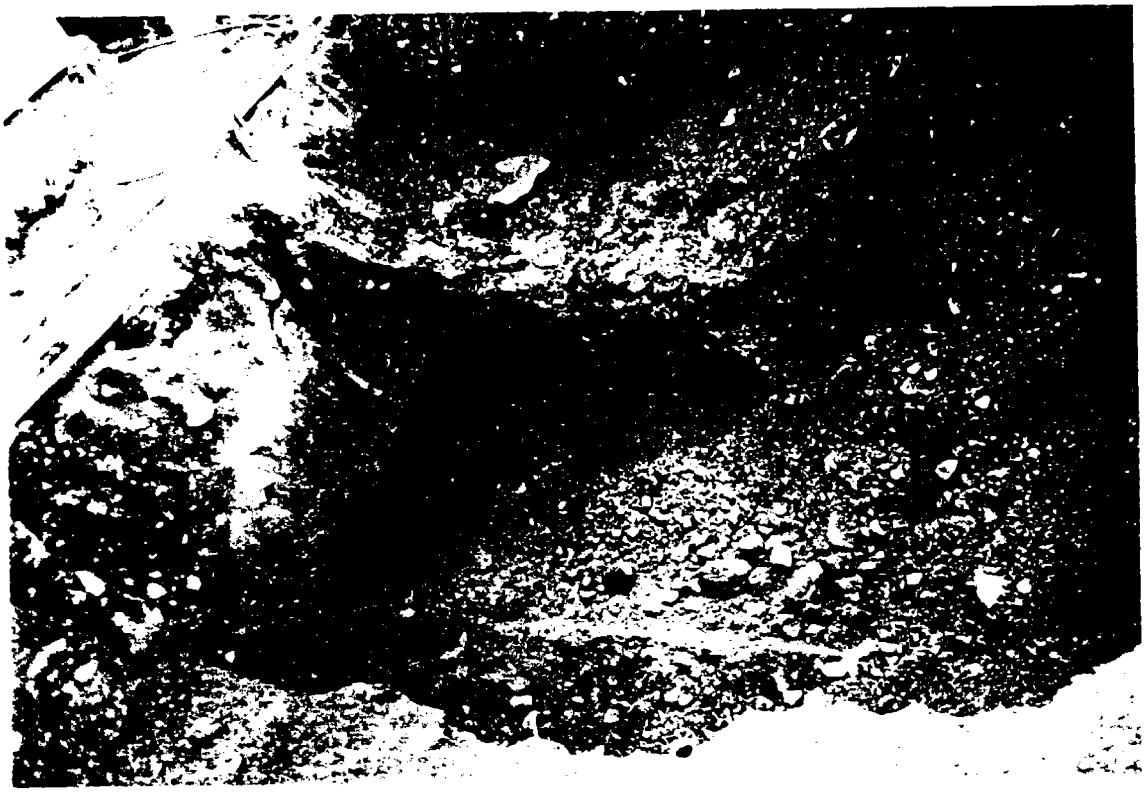

Photo 3. Heating oil tank excavation after tank removal.

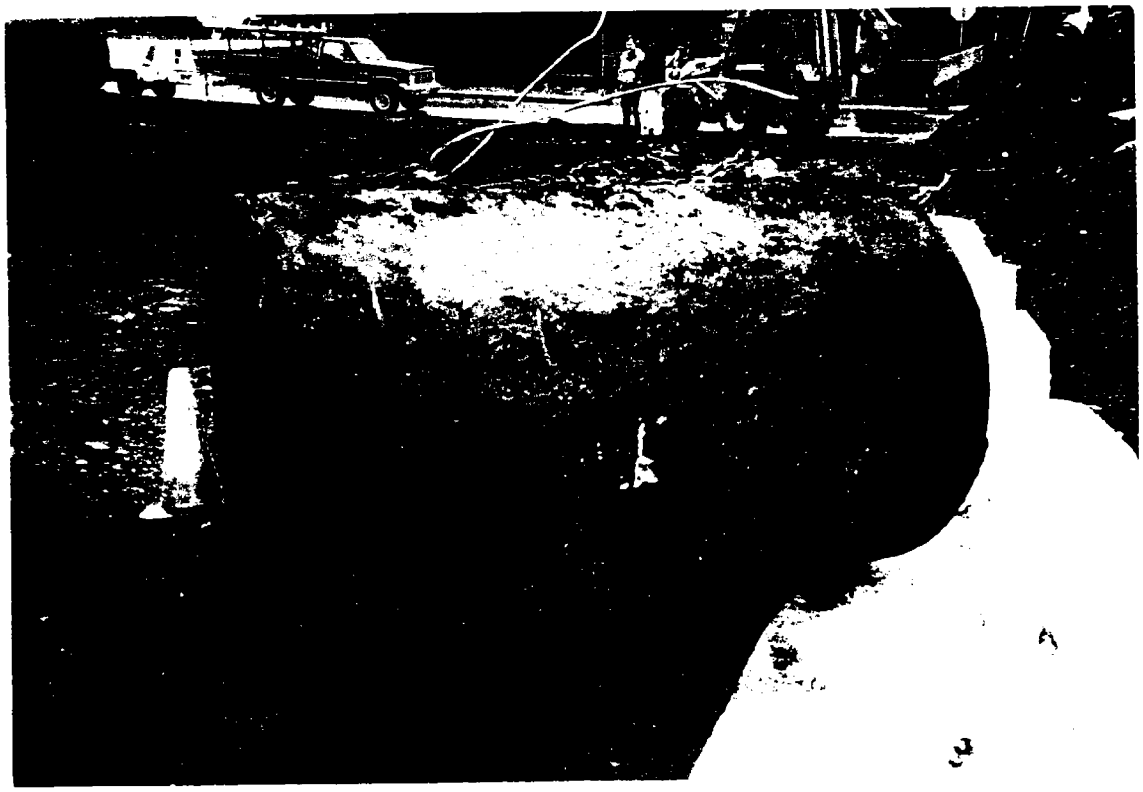

Photo 4. Heating oil tank after removal. Note moderate rust and corrosion.

Table 3
ADEC MATRIX SCORE SHEET
Chevron Service Station 9-4030

1. *Depth to Subsurface Water		
< 5 feet	[10]	10
5 - 15 feet	[8]	
16 - 25 feet	[6]	
26 - 50 feet	[4]	
> 50 feet	[1]	
2. Mean Annual Precipitation		
> 40 inches	[10]	
26 - 40 inches	[5]	
16 - 25 inches	[3]	3
< 15 inches	[1]	
3. *Soil Type (Unified Soil Classification)		
Clean, coarse-grained soils	[10]	
Coarse-grained soils with fines	[8]	8
Fine-grained soils (low organic carbon)	[3]	
Fine-grained soils (high organic carbon)	[1]	
4. Potential Receptors		
Public water system within 1000 feet, or private water system within 500 feet	[15]	15
Public/private water system within 1/2 mile	[12]	
Public/private water system within one mile	[8]	
No water system within one mile	[4]	
Nonpotable groundwater	[1]	
5. Volume of Contaminated Soil		
> 500 cubic yards	[10]	
101 - 500 cubic yards	[8]	8
26 - 100 cubic yards	[5]	
> De Mininis - 25 cubic yards	[2]	
De Minimis	[0]	
	MATRIX SCORE	44

*From lowest point of contamination to groundwater

Matrix Score		Cleanup Level in mg/kg				
		diesel range organics	gasoline range organics	residual range organics	Benzene	Total BTEX
Level A	> 40	100	50	2000	0.1	10
Level B	27-40	200	100	2000	0.5	15
Level C	21-26	1000	500	2000	0.5	50
Level D	< 21	2000	1000	2000	0.5	100

A:\CHEVRON/adecmtrx.wk4

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Photo 5. Used oil tank excavation after tank removal.

Photo 6. Used oil tank after removal.

B.C. Excavating Inc.
2251 Cinnabar Loop, Anchorage, AK 99507
Phone: 907-344-4490 Fax: 907-344-4492

Tank Disposal Form

Date: 7/19/95

Client: OMEGA SERVICES
184 E. 53rd AVE.
ANCHORAGE, AK. 99518

Re: INDIAN HILLS CHEVRON

This is to inform you that the tank(s) have been removed, cut, and cleaned according to API Recommended Practice 1604 and API Publication #2015. They have been delivered for scrap metal at the following location:

Alaska Metals Recycling
97th & King Street
Anchorage, Alaska

A total of (SEE BELOW) gallon 5 tank(s) were delivered. The tank(s) were of steel construction and all piping pulled was disposed of with the tank(s). This letter is to certify the delivery of the above tank(s) for disposal and destruction for scrap purposes only per tickets # 56277, 56288, 56299, 56303

1 - 6,000 GALLON TANK
2 - 10,000 GALLON TANKS
1 - 500 GALLON TANK
1 - 1,000 GALLON TANK

Robert M. Haines
President

ALASKA METAL RECYCLING
(907) 349-4833

DATE 5.24.95 LICENSE NO.

CUSTOMER NAME BC Excavating 56288

ADDRESS

SHREDDER MATERIAL #1 IRON CAST CAR OTHER | CHECK NO.

REMARKS 10000 gallon tank | DRIVER ON ☐ OFF ☐

GROSS LBS. 41500

TARE LBS.

NET LBS.

I hereby certify that I have the right to possess and sell this property.

PRICE ____ PER ____ TOTAL n/c

SIGNED BY

ALASKA METAL RECYCLING
(907) 349-4833

DATE 5.24.95 LICENSE NO.

CUSTOMER NAME Agnew Beck - BC Excavating 56277

ADDRESS

SHREDDER MATERIAL #1 IRON CAST CAR OTHER | CHECK NO.

REMARKS 10000 gallon tank | DRIVER ON ☐ OFF ☐

GROSS LBS. 26120

TARE LBS.

NET LBS.

I hereby certify that I have the right to possess and sell this property.

PRICE ____ PER ____ TOTAL n/c

SIGNED BY

ALASKA METAL RECYCLING
(907) 349-4833

DATE 5-25-95 LICENSE NO. _____

CUSTOMER NAME BC Excavating 56303

ADDRESS

SHREDDER MATERIAL #1 IRON CAST CAR OTHER

CHECK NO.

REMARKS 1-10,000 gallon tank

DRIVER ON ☐ OFF ☐

GROSS LBS.
43440 lb G

TARE LBS.

NET LBS.

I hereby certify that I have the right to possess and sell this property.

PRICE _____ PER _____ TOTAL n/c

SIGNED BY _____

ALASKA METAL RECYCLING
(907) 349-4833

DATE 5/25/95 LICENSE NO. _____

CUSTOMER NAME BC Excavating 56299

ADDRESS

SHREDDER MATERIAL #1 IRON CAST CAR OTHER

CHECK NO.

REMARKS Tanks 1-500 +1-1000

DRIVER ON ☑ OFF ☐

GROSS LBS.
20580 lb G

TARE LBS. 19180

NET LBS. 1400

I hereby certify that I have the right to possess and sell this property.

PRICE _____ PER _____ TOTAL n/c

SIGNED BY _____

ASR

ALASKA SOIL RECYCLING INC.

1040 O'Malley Road, Anchorage, Alaska 99515
Phone 349-3333

SOLD TO
Chevron Petroleum Product
DELIVERY ADDRESS

SPECIAL INSTRUCTIONS

WE MAKE DELIVERIES INSIDE CURB LINE AND ON THE LOT AT CUSTOMER'S RISK ONLY AND ACCEPT NO RESPONSIBILITY WHATSOEVER FOR DAMAGE RESULTING FROM SUCH DELIVERIES.

DRIVER ON ☐ OFF ☐

14922

DATE	CUST ACCT NO	CUST PO NO	CUST JOB NO	CONTRACT NO	TICKET NO
7-14-95					

FOB PLANT ☐	FOB JOB ☐	FOB PLANT + HAULING ☐	TIME OUT 1235
TRK NO 40	TRUCKER BC Excavation	ZONE	ARRIVE AT JOB
QUANTITY ORDERED	QUANTITY DELIVERED	QUANTITY TO GO	DEPART JOB
LOAD NO	GROSS WT 47740	NET WT 1351	TARE WT 20720
PRODUCT CODE 8021	DESCRIPTION PROCESSED AGGREGATE	ORDER NO	STAND TIME
			TIME IN

UNIT PRICE	NET PRICE	HAUL CHG	SUB TOTAL	TAX	GRAND TOTAL	TRIP TIME

PRIVATE WEIGHMASTER — TRIP MILES

DEPUTY

DRIVER _____ RECEIVED BY X _____

GROUNDWATER TECHNOLOGY ®

Groundwater Technology, Inc.
912 East 15th Avenue, Suite 200, Anchorage, AK 99501 USA
Tel: (907) 276-5600 Fax: (907) 276-4480

July 7, 1995

Mr. Robert Wiemer
Contaminated Sites Coordinator
Alaska Department of Environmental Conservation
555 Cordova Street
Anchorage, AK 99501

Post-it® Fax Note 7671	Date 7/12	# of pages ▶
To N. Burnham	From R Wiemer	
Co./Dept. GeoTech	Co.	
Phone # 276-5600	Phone # 269-7525	
Fax # 276-4480	Fax # 269-7506	

Subject: Contaminated Soil Stockpile Removal
Chevron Service Station 9-0430
6370 Debarr Road
Anchorage, AK

Dear Mr. Wiemer:

Approximately 30 tons of soil generated during UST removals at the referenced facility have been earmarked for disposal at the Alaska Soil Recycling thermal remediation plant on 2nd Avenue, Anchorage. This soil will be transported to this facility via covered truck loads upon your approval.

Attached are excerpts of laboratory results for soil samples UOTSP1 and UOTSP2 which were collected to characterize the soil contained in the stockpile. You will note that the results of analyses for total lead, chromium and cadmium exceed acceptable limits. However, a comparative analysis for lead using TCLP extraction for sample UOTSP2 indicated that leachable lead was non-detectable. Additionally, application of the "divide by 20 rule-of-thumb", whereby leachable metals concentrations are no more than 1/20th of the total metals concentration, suggest that chromium and cadmium are not a concern.

Please feel free to contact me with questions regarding this request. I can be reached at (907) 696-3671.

Sincerely,
Groundwater Technology, Inc.

Nathan C. Burnham
Associate Geologist

Attachment

T. Ron Johnson
From: Nate Burnham

Approved:

Robert Wiemer
Contaminated Sites Coordinator
ADEC

9-0430/ADEC.wpd

PROFILE FORM
ALASKA POLLUTION CONTROL, INC.

CHEMRON FACILITY ____
13460 Hermann Ave., Palmer
(907) 746-0399
EPA ID#AKD980984405

Springer Facility and Office ✓
425 Outer Springer Loop Rd., Palmer, AK 99645
Office (907) 746-5036 FAX (907) 746-3040
EPA ID#AKD983068685

APC Profile # 95-1256-S
Date: 5/25/95
By: Fred Kohl
APC Contact:

1. *Generator Information:* EPA ID #: _____ Phone # 333-9000 Fax _____
Generator Name: Indian Hills Chevron Contact: _____
Address: 6470 DeBarr Rd, Anchorage, ak 90430
Material Location: Same
Consultant: Omega Services - Pat Phone # 244-1215 Fax _____
Billing Address: P.O Box 5004, San Ramon CA 94583 Attn Pete Jahnis
2. *Source:* Material Name: gasoline
Generation Process: tank decommission
3. *General Composition:* (Maximum equal to or greater than 100%)

a. Component	Minimum %	Maximum %
Gasolin		
water		

4. *Samples:*
Lab Sample #: N/A
Sample Method: _____
Taken By: _____
Date Sampled: _____
Field Sample Method: _____
Taken By: _____ Date: _____

b. Handling Characteristics: Pumpable ✓; Describe each phase if not easily pumpable: _____

5. *Regulated Composition and Requirements:*
NON-RCRA
NON-TSCA

List attached documentation: SEE M.S.D.S. GASOLINE (on file)

6. *Physical Description:* (Characteristics verifiable in the field)
a. Physical State, % @ 70°F: Solid ____ Sludge ____ Liquid 100%; Test Method _____
b. Number of Layers: 2 Layer A Gasolin % ____ Layer B water % ____; TH _____
c. Color: A Clear; B Clear TH _____
d. Flash Point, °F; <70 ✓; 71-99 ____; 100-139 ____; 140-199 ____; >200 ____; actual ____; TH _____
e. pH: actual ____; <2 ____; 2.1-4 ____; 4.1-10 ✓; 10.1-12.5 ____; >12.5 ____ TH _____
f. Specific Gravity (liquids): <.8 ____; .8-1.0 ✓; 1.0-1.2 ____; >1.2 ____; actual ____; TH _____
g. Odor: None ____; Mild ____; Strong ✓; Describe _____
h. Water Screen: Miscible % ____; Gas Evolved ____; Heat ____; Other _____
i. Other Identifying Characteristics: _____
7. *Suspected Hazards:* Ignitable ✓; PCB ____; Corrosive ____; Poison ____; Oxidizer ____; None ____;
Other _____
8. *Oily Materials:* Heat Value: >5000 to _____ BTU/lb; Halogens N/A to _____ ppm
9. *Regulated Status:* US EPA Waste Codes: _____
RCRA Non-hazardous ✓; CESQG ____; RCRA Hazardous ____; RCRA Corrective Action ____; CERCLA ____;
Other Regulated _____; Reasons _____
10. *Shipping Information:* a. DOT Shipping Name Gasolin
b. Hazard Class 3 c. Packing Group II d. UN No. 1203 e. Quantity _____ per _____
f. Shipped in Bulk ✓ Container _____ Size _____ Type Tanker
11. *Generator Certification:* The above description with attached documentation is accurate to the best of my knowledge. I understand it is my responsibility to properly identify all materials in accordance with US EPA, DOT, and State regulations. If used, containers will be properly labeled including Profile number.

x Pete Jahnis x Pete Jahnis CUSA x _____
Generator's Signature | Typed/Printed Name & Title | Date

12. Process Required _____
Store in Tank/Location _____ Special Instructions _____
Documentation: Bill of Lading # _____ Drum List Attached? ____ Containers Labeled? ____ Placard? ____
Profile Verified By: Transporter _____ Chemron _____ Date _____
Compatibility Test: Transport _____ Chemron _____ Date _____
Discrepancies: _____
Comments: _____

11/94

PROFILE FORM
ALASKA POLLUTION CONTROL, INC.

CHEMRON FACILITY ____ | Springer Facility and Office ✓ | APC Profile # 95-1257-5
13460 Hermann Ave., Palmer | 425 Outer Springer Loop Rd., Palmer, AK 99645 | Date: 5/25/95
(907) 746-0399 | Office (907) 746-5036 FAX (907) 746-3640 | By: Fred Kohli
EPA ID#AKD980984405 | EPA ID#AKD983068685 | APC Contact:

1. *Generator Information:* EPA ID #: ____ Phone # 333-9000 Fax ____
Generator Name: Indian Hills Chevron Contact: [redacted]
Address: 6470 DeBarr Rd, Anchorage, ak
Material Location: same
Consultant: Omega Services - Pat Phone # 244-1215 Fax ____
Billing Address: P.O Box 5004 San Ramon CA 94583 Attn Pat Fahrs
2. *Source:* Material Name: Fuel oil #2
Generation Process: tank decommission
3. *General Composition:* (Maximum equal to or greater than 100%)

a. Component	Minimum %	Maximum %
Fuel		
water		

4. *Samples:*
Lab Sample #: N/A
Sample Method:
Taken By:
Date Sampled:
Field Sample Method:
Taken By: ____ Date: ____

b. Handling Characteristics: Pumpable ____; Describe each phase if not easily pumpable: ____

5. *Regulated Composition and Requirements:*
Non-RCRA
Non-TSCA

List attached documentation: See M.S.D.S Heating fuel / Diesel (on File)

6. *Physical Description:* (Characteristics verifiable in the Field)
a. Physical State, % @ 70°F: Solid ____ Sludge ____ Liquid 100%; Test Method ____
b. Number of Layers: 2 Layer A Fuel % ____ Layer B water % ____; TH ____
c. Color: A Amber; B Clear TH ____
d. Flash Point, °F; <70 ___; 71-99 ___; 100-139 ___; 140-199 ✓; >200 ___; actual ____; TH ____
e. pH: actual ____; <2 ___; 2.1-4 ___; 4.1-10 ✓; 10.1-12.5 ___; >12.5 ___ TH ____
f. Specific Gravity (liquids): <.8 ___; .8-1.0 ✓; 1.0-1.2 ___; >1.2 ___; actual ____; TH ____
g. Odor: None ____; Mild ✓; Strong ___; Describe ____
h. Water Screen: Miscible % ___; Gas Evolved ___; Heat ___; Other ____
i. Other Identifying Characteristics: ____
7. *Suspected Hazards:* Ignitable ___; PCB ___; Corrosive ___; Poison ___; Oxidizer ___; None ✓;
Other ____
8. *Oily Materials:* Heat Value: >5000 to ____ BTU/lb; Halogens N/A to ____ ppm
9. *Regulated Status:* US EPA Waste Codes: None
RCRA Non-hazardous ✓; CESQG ___; RCRA Hazardous ___; RCRA Corrective Action ____; CERCLA ____;
Other Regulated ____; Reasons ____
10. *Shipping Information:* a. DOT Shipping Name fuel oil #2, 3
b. Hazard Class 3 c. Packing Group III d. UN No. 1993 e. Quantity ____ per ____
f. Shipped in Bulk ✓ Container ____ Size ____ Type Tanker
11. *Generator Certification:* The above description with attached documentation is accurate to the best of my knowledge. I understand it is my responsibility to properly identify all materials in accordance with US EPA, DOT and State regulations. If used, containers will be properly labeled including Profile number.

x Pete Jaharis x Pete Jaharis CUSA x5/25/95
Generator's Signature | Typed/Printed Name & Title | Date

12. Process Required ____
Store in Tank/Location ____ Special Instructions ____
Documentation: Bill of Lading # ____ Drum List Attached? ____ Containers Labeled? ____ Placard? ____
Profile Verified By: Transporter ____ Chemron ____ Date ____
Compatibility Test: Transport ____ Chemron ____ Date ____
Discrepancies: ____
Comments: ____ 11/94

ALASKA POLLUTION CONTROL, INC.
P.O. Box 110374
ANCHORAGE, ALASKA 99511-0374

(907) 344-5036
(907) 746-5036

INVOICE

14350

DATE 6/12/95 | ORDER NO.

TO Indian Hills, Chevron
~~6470 Debarr Road~~ Chevron USA
~~Anchorage, AK. 99504~~

SHIP TO
333-9000

FGK	6/12/95		PAY ON INVOICE			
>	(41x2) Recyclable Petroleum ~~PRODUCT~~ Pickup					
90	Gallons - Oil			75	67	50
65	Gallons - fuel			75	48	75
					116	25
	Profile # 95-274-C + 95-1256-S					
	& Fort Lowell	Total			116	25

QUADRUPLICATE

RECYCLED PAPER
Contents: 40% Pre-Consumer • 10% Post-Consumer

Thank You!

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. B 7688

Carrier No. AKD980984405

Date 6/12/95

CHEMRON ALASKA

(Name of Carrier)

TO: Consignee Chemron Alaska AKD980984405	FROM: Shipper Indian Hill (Chemron)
Street 13460 Hermann Ave.	Street 6470 Drucker Rd
Destination Palmer, AK Zip Code	Origin Anchorage, AK
Route	Emergency Response Phone No. / Vehicle Number

No. Shipping Units	HM*	Kind of Packaging, Description of Articles, Special Marks and Exceptions	Weight (subject to correction)	Rate	CHARGES
1 Tank		Combustible Liquid, NOS (Used Oil) NA1993			
		PG III Flashpoint 200°F			
		90 Gallons	648 lb		
		PRELIM # 95-274C			
		Emergency Response #907-344-5036			

When transporting hazardous materials include the technical or chemical name for n.o.s. (not otherwise specified) or generic description of material with appropriate UN or NA number as defined in US DOT Emergency Communications Standard (HM-126C). Provide emergency response phone number in case of incident or accident in box above.

REMIT C.O.D. TO: ADDRESS:

COD Amt: $

C.O.D. FEE: PREPAID ☐ $ COLLECT ☐

NOTE – Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ per _____

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

_____ Signature

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignor)

TOTAL CHARGES: $

FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the Bill of Lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the Bill of Lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTICE: Freight moving under this Bill of Lading is subject to the classifications and lawfully filed tariffs in effect on the date of this Bill of Lading. This notice supersedes and negates any claimed, alleged or asserted oral or written contract, promise, representation or understanding between the parties with respect to this freight, except to the extent of any written contract which establishes lawful contract carriage and is signed by authorized representatives of both parties to the contract.

SHIPPER Indian Hill (Chemron)

PER Paul Hall

CARRIER **CHEMRON ALASKA**

PER [signature]

DATE 6/12/95

3

*HAZARDOUS MATERIALS MARK WITH "X" TO DESIGNATE HAZARDOUS M[illegible]LS AS REFERENCED IN 49CFR § 172.202.

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. B 7689

Carrier No. AKD980984408

CHEMRON ALASKA

Date 6/12/95

AKD 9130168685 (Name of Carrier)

TO: Consignee Alaska Pollution Control	FROM: Shipper Indian Hill Chevron
Street 425 Outer Springer Loop	Street 6470 Dimond Road
Destination Palmer, Alaska Zip Code	Origin Anchorage, AK
Route	Emergency Response Phone No. / Vehicle Number

No. Shipping Units	HM*	Kind of Packaging, Description of Articles, Special Marks and Exceptions	Weight (subject to correction)	Rate	CHARGES
TANK		Gasoline 3, UN1203, PG II Flammable Liquid			
		65 Gallons	455#		
		PKT file # 95-1256			
		Emergency Response #907-344-5036			

When transporting hazardous materials include the technical or chemical name for n.o.s. (not otherwise specified) or generic description of material with appropriate UN or NA number as defined in US DOT Emergency Communication Standard (HM 126F). Provide emergency response phone number in case of incident or accident in box above.

REMIT C.O.D. TO: ADDRESS:

COD Amt: $

C.O.D. FEE: PREPAID ☐ $ COLLECT ☐

NOTE – Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ _____ per _____

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

_____ Signature

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignor)

TOTAL CHARGES: $

FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the Bill of Lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the Bill of Lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTICE: Freight moving under this Bill of Lading is subject to the classifications and lawfully filed tariffs in effect on the date of this Bill of Lading. This notice supersedes and negates any claimed, alleged or asserted oral or written contract, promise, representation or understanding between the parties with respect to this freight, except to the extent of any written contract which establishes lawful contract carriage and is signed by authorized representatives of both parties to the contract.

SHIPPER Indian Hills Chevron

PER Pat Todd

CARRIER CHEMRON ALASKA

PER [signature]

DATE 6/12/95

3

*HAZARDOUS MATERIALS MARK WITH "X" TO DESIGNATE HAZARDOUS MATERIALS AS REFERENCED IN 49CFR § 172.202.

Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

Ground Water Technology
912 E 15th Avenue Suite 200
Anchorage, AK 99501

Date: June 13, 1995

Attn: JEFF LEETY

Laboratory Number : 81732

Project Number/Name : 830011121.0406

This report has been reviewed and

approved for release.

CAHom for

Senior Chemist
Account Manager

JUN 19 1995
RB

Superior Precision Analytical, Inc.
A member of ESSCON Environmental Support Service Consortium

Ground Water Technology
Attn: JEFF LEETY

Project 830011121.0406
Reported on June 7, 1995

EPA SW-846 Method 6010 and/or 7000 Series Metals

Chronology

Laboratory Number 81732

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
PTS3	05/24/95	05/26/95	06/06/95	06/06/95	BF061.10	03
PTS5	05/24/95	05/26/95	06/06/95	06/06/95	BF061.10	05
PTS9	05/24/95	05/26/95	06/06/95	06/06/95	BF061.10	09

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
BF061.10-01	Method Blank	MB	Soil	06/06/95	06/06/95
BF061.10-02	Laboratory Spike	LS	Soil	06/06/95	06/06/95
BF061.10-03	Laboratory Spike Duplicate	LSD	Soil	06/06/95	06/06/95
BF061.10-04	VV - MW1-10.5'	MS 81707-01	Soil	06/06/95	06/06/95
BF061.10-05	VV - MW1-10.5'	MSD 81707-01	Soil	06/06/95	06/06/95

Certified Laboratories

825 Arnold Dr., Suite 114
Martinez, California 94553
(510) 229-1512 / fax (510) 229-1526

1555 Burke St., Unit I
San Francisco, California 94124
(415) 647-2081 / fax (415) 821-7123

309 S. Cloverdale St., Suite B-24
Seattle, Washington 98108
(206) 763-2992 / fax (206) 763-8429

Ground Water Technology
Attn: JEFF LEETY

Project 830011121.0406
Reported on June 7, 1995

EPA SW-846 Method 6010 and/or 7000 Series Metals

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81732-03	PTS3	Soil	1.0	-
81732-05	PTS5	Soil	1.0	-
81732-09	PTS9	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81732-03 Conc. mg/kg	81732-03 RL	81732-05 Conc. mg/kg	81732-05 RL	81732-09 Conc. mg/kg	81732-09 RL
Lead (SW-846 6010)	5	2	6	2	7	2

Certified Laboratories

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309 S. Cloverdale St., Suite B-24
Seattle, Washington 98108
(206) 763-2992 / fax (206) 763-8429

EPA SW-846 Method 6010 and/or 7000 Series Metals

Quality Assurance and Control Data

Laboratory Number: 81732
Method Blank(s)

	BF061.10-01 Conc. mg/L	RL
Lead (SW-846 6010)	ND	2

Certified Laboratories

825 Arnold Dr., Suite 114
Martinez, California 94553
(510) 229-1512 / fax (510) 229-1526

1555 Burke St., Unit I
San Francisco, California 94124
(415) 647-2081 / fax (415) 821-7123

309 S. Cloverdale St., Suite B-24
Seattle, Washington 98108
(206) 763-2992 / fax (206) 763-8429

EPA SW-846 Method 6010 and/or 7000 Series Metals

Quality Assurance and Control Data

Laboratory Number: 81732

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
		For Soil Matrix (mg/L)				
	BF061.10	02 / 03 - Laboratory Control Spikes				
Lead (SW-846 6010)		50	52.50/49.71	105/99	75-125	6
		For Soil Matrix (mg/L)				
	BF061.10	04 / 05 - Sample Spiked: 81707 - 01				
Lead (SW-846 6010)	47.25	50	94.10/162.8r	94/231	75-125	84

r - MS and/or MSD recoveries were out of control limits. LCS & LCSD recoveries were within acceptable limits.

Definitions:

ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

Certified Laboratories

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Superior Precision Analytical, Inc.
A member of ESSCON Environmental Support Service Consortium

Ground Water Technology
Attn: JEFF LEETY

Project 830011121.0406
Reported on June 12, 1995

Gasoline Range Petroleum Hydrocarbons and BTXE
by Alaska Dept of Environmental Conservation AK101/EPA SW-846 8020
Gasoline Range quantitated as all compounds from C6-C10

Chronology

Laboratory Number 81732

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
PTS1	05/24/95	05/26/95	06/07/95	06/07/95	BF061.05	01
PTS2	05/24/95	05/26/95	06/07/95	06/07/95	BF061.05	02
PTS3	05/24/95	05/26/95	06/07/95	06/07/95	BF061.05	03
PTS4	05/24/95	05/26/95	06/07/95	06/07/95	BF061.05	04
PTS5	05/24/95	05/26/95	06/07/95	06/07/95	BF071.03	05
PTS6	05/24/95	05/26/95	06/07/95	06/07/95	BF071.03	06
PTS7	05/24/95	05/26/95	06/07/95	06/07/95	BF061.05	07
PTS9	05/24/95	05/26/95	06/07/95	06/07/95	BF071.05	09
PTS10	05/24/95	05/26/95	06/07/95	06/07/95	BF071.05	10
PTS11	05/24/95	05/26/95	06/07/95	06/07/95	BF071.05	11
DS1	05/24/95	05/26/95	06/07/95	06/07/95	BF071.05	12
DS2	05/24/95	05/26/95	06/07/95	06/07/95	BF071.05	13

QC Samples

QC Batch #	QC Sample ID	Type	Ref.	Matrix	Extract.	Analyzed
BF061.05-04	B2-12-SPL	MS	81710-25	Soil	06/06/95	06/06/95
BF061.05-05	B2-12-SPL	MSD	81710-25	Soil	06/06/95	06/06/95
BF061.05-38	EAST 1	MS	81719-06	Soil	06/07/95	06/07/95
BF061.05-39	EAST 1	MSD	81719-06	Soil	06/07/95	06/07/95
BF061.05-40	Method Blank	MB		Soil	06/06/95	06/06/95
BF071.03-08	Method Blank	MB		Soil	06/07/95	06/07/95
BF071.03-09	DITCH CUTTING 1A	MS	81694-01	Soil	06/07/95	06/07/95
BF071.03-10	DITCH CUTTING 1A	MSD	81694-01	Soil	06/07/95	06/07/95
BF071.05-04	Y5459-S3	MS	81725-01	Soil	06/07/95	06/07/95
BF071.05-05	Y5459-S3	MSD	81725-01	Soil	06/07/95	06/07/95
BF071.05-06	Method Blank	MB		Soil	06/07/95	06/07/95

Certified Laboratories

825 Arnold Dr., Suite 114
Martinez, California 94553
(510) 229-1512 / fax (510) 229-1526

1555 Burke St., Unit I
San Francisco, California 94124
(415) 647-2081 / fax (415) 821-7123

309 S. Cloverdale St., Suite B-24
Seattle, Washington 98108
(206) 763-2992 / fax (206) 763-8429

Ground Water Technology
Attn: JEFF LEETY

Project 830011121.0406
Reported on June 12, 1995

Gasoline Range Petroleum Hydrocarbons and BTXE
by Alaska Dept of Environmental Conservation AK101/EPA SW-846 8020
Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81732-01	PTS1	Soil	200.0	-
81732-02	PTS2	Soil	100.0	-
81732-03	PTS3	Soil	100.0	-
81732-04	PTS4	Soil	50.0	-

R E S U L T S O F A N A L Y S I S

Compound	81732-01 Conc. mg/kg	81732-01 RL	81732-02 Conc. mg/kg	81732-02 RL	81732-03 Conc. mg/kg	81732-03 RL	81732-04 Conc. mg/kg	81732-04 RL
Gasoline_Range	1200	200	790	100	1000	100	120	50
Benzene	18	1.0	9.1	0.50	3.0	0.50	0.50	0.25
Toluene	130	1.0	93	0.50	88	0.50	11	0.25
Ethyl Benzene	24	1.0	24	0.50	35	0.50	2.7	0.25
Xylenes	250	1.0	150	0.50	200	0.50	21	0.25
>> Surrogate Recoveries (%) <<								
Trifluorotoluene (SS)	106		109		104		97	

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Ground Water Technology
Attn: JEFF LEETY

Project 830011121.0406
Reported on June 12, 1995

Gasoline Range Petroleum Hydrocarbons and BTXE
by Alaska Dept of Environmental Conservation AK101/EPA SW-846 8020
Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81732-05	PTS5	Soil	500.0	-
81732-06	PTS6	Soil	500.0	-
81732-07	PTS7	Soil	50.0	-
81732-09	PTS9	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81732-05 Conc. mg/kg	RL	81732-06 Conc. mg/kg	RL	81732-07 Conc. mg/kg	RL	81732-09 Conc. mg/kg	RL
Gasoline_Range	2600	500	5100	500	81	50	5	1
Benzene	35	2.5	98	2.5	ND	0.25	0.020	0.005
Toluene	320	2.5	620	2.5	1.0	0.25	0.10	0.005
Ethyl Benzene	81	2.5	140	2.5	0.48	0.25	ND	0.005
Xylenes	460	2.5	750	2.5	10	0.25	0.76	0.005
>> Surrogate Recoveries (%) <<								
Trifluorotoluene (SS)	98		97		104		112	

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Gasoline Range Petroleum Hydrocarbons and BTXE
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Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81732-10	PTS10	Soil	500.0	-
81732-11	PTS11	Soil	1.0	-
81732-12	DS1	Soil	1.0	-
81732-13	DS2	Soil	500.0	-

R E S U L T S O F A N A L Y S I S

Compound	81732-10 Conc. mg/kg	RL	81732-11 Conc. mg/kg	RL	81732-12 Conc. mg/kg	RL	81732-13 Conc. mg/kg	RL
Gasoline_Range	4800	500	13	1	ND	1	5100	500
Benzene	35	2.5	ND	0.005	ND	0.005	39	2.5
Toluene	530	2.5	0.021	0.005	ND	0.005	560	2.5
Ethyl Benzene	140	2.5	0.006	0.005	ND	0.005	150	2.5
Xylenes	850	2.5	ND	0.005	0.006	0.005	890	2.5
>> Surrogate Recoveries (%) <<								
Trifluorotoluene (SS)	106		125		102		97	

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Gasoline Range Petroleum Hydrocarbons and BTXE
by Alaska Dept of Environmental Conservation AK101/EPA SW-846 8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 81732
Method Blank(s)

	BF061.05-40 Conc. mg/kg	RL	BF071.03-08 Conc. mg/kg	RL	BF071.05-06 Conc. mg/kg	RL
Gasoline_Range	ND	1	ND	1	ND	1
Benzene	ND	0.005	ND	0.005	ND	0.005
Toluene	ND	0.005	ND	0.005	ND	0.005
Ethyl Benzene	ND	0.005	ND	0.005	ND	0.005
Xylenes	ND	0.005	ND	0.005	ND	0.005
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)	103		91		104	

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Gasoline Range Petroleum Hydrocarbons and BTXE
by Alaska Dept of Environmental Conservation AK101/EPA SW-846 8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 81732

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
For Soil Matrix (mg/kg) BF061.05 04 / 05 - Sample Spiked: 81710 - 25						
Gasoline_Range	ND	20	16/17	80/85	65-135	6
Benzene	ND	0.200	0.22/0.21	110/105	65-135	5
Toluene	ND	0.200	0.22/0.21	110/105	65-135	5
Ethyl Benzene	ND	0.200	0.22/0.21	110/105	65-135	5
Xylenes	ND	0.600	0.66/0.64	110/107	65-135	3
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				100/99	50-150	
For Soil Matrix (mg/kg) BF061.05 38 / 39 - Sample Spiked: 81719 - 06						
Gasoline_Range	ND	3.20	3/3	94/94	65-135	0
Benzene	ND	0.200	0.20/0.20	100/100	65-135	0
Toluene	ND	0.200	0.20/0.20	100/100	65-135	0
Ethyl Benzene	ND	0.200	0.20/0.20	100/100	65-135	0
Xylenes	ND	0.600	0.59/0.59	98/98	65-135	0
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				101/102	50-150	
For Soil Matrix (mg/kg) BF071.03 09 / 10 - Sample Spiked: 81694 - 01						
Gasoline_Range	ND	3.20	2.8/2.6	88/81	65-135	8
Benzene	ND	0.200	0.225/0.231	113/116	65-135	3
Toluene	ND	0.200	0.204/0.209	102/105	65-135	3
Ethyl Benzene	ND	0.200	0.198/0.200	99/100	65-135	1
Xylenes	ND	0.600	0.616/0.626	103/104	65-135	1

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Gasoline Range Petroleum Hydrocarbons and BTXE
by Alaska Dept of Environmental Conservation AK101/EPA SW-846 8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 81732

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				90/92	50-150	
For Soil Matrix (mg/kg)						
BF071.05 04 / 05 - Sample Spiked: 81725 - 01						
Gasoline_Range	ND	3.20	3.4/3.6	106/113	65-135	6
Benzene	ND	0.200	0.21/0.21	105/105	65-135	0
Toluene	ND	0.200	0.22/0.21	110/105	65-135	5
Ethyl Benzene	ND	0.200	0.21/0.20	105/100	65-135	5
Xylenes	ND	0.600	0.64/0.61	107/102	65-135	5
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				103/104	50-150	

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)

ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

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Ground Water Technology
Attn: JEFF LEETY

Project 830011121.0406
Reported on August 10, 1995
Revised on August 10, 1995

Volatile Aromatic Hydrocarbons by EPA SW-846 Method 5030/8020

Chronology

Laboratory Number 81732

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
TB-LB	05/24/95	05/26/95	06/07/95	06/07/95	BF071.04	14

QC Samples

QC Batch #	QC Sample ID	Type	Ref.	Matrix	Extract.	Analyzed
BF071.04-02	Method Blank	MB		Water	06/07/95	06/07/95
BF071.04-03	SYSINF	MS	81739-01	Water	06/07/95	06/07/95
BF071.04-04	SYSINF	MSD	81739-01	Water	06/07/95	06/07/95

AUG 15 1995

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Project 830011121.0406
Reported on August 10, 1995
Revised on August 10, 1995

Volatile Aromatic Hydrocarbons by EPA SW-846 Method 5030/8020

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81732-14	TB-LB	Water	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81732-14 Conc. ug/L	RL
Benzene	ND	0.5
Toluene	ND	0.5
Ethyl Benzene	ND	0.5
Xylenes	ND	0.5
>> Surrogate Recoveries (%) <<		
Trifluorotoluene (SS)	104	

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Volatile Aromatic Hydrocarbons by EPA SW-846 Method 5030/8020

Quality Assurance and Control Data

Laboratory Number: 81732
Method Blank(s)

	BF071.04-02 Conc. ug/L	RL
Benzene	ND	0.5
Toluene	ND	0.5
Ethyl Benzene	ND	0.5
Xylenes	ND	0.5
>> Surrogate Recoveries (%) <<		
Trifluorotoluene (SS)	103	

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Volatile Aromatic Hydrocarbons by EPA SW-846 Method 5030/8020

Quality Assurance and Control Data

Laboratory Number: 81732

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
For Water Matrix (ug/L) BF071.04 03 / 04 - Sample Spiked: 81739 - 01						
Benzene	ND	20	21/22	105/110	65-135	5
Toluene	ND	20	20/22	100/110	65-135	10
Ethyl Benzene	ND	20	20/22	100/110	65-135	10
Xylenes	0.6	60	61/65	101/107	65-135	6
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				100/106	50-150	

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

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A member of ESSCON Environmental Support Service Consortium

Ground Water Technology
Attn: JEFF LEETY

Project 830011121.0406
Reported on August 10, 1995
Revised on August 10, 1995

Gasoline Range Organics
by Alaska Dept. of Environmental Conservation Method AK101

Chronology

Laboratory Number 81732

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
PTS8	05/24/95	05/26/95	06/07/95	06/07/95	BF061.05	08

QC Samples

QC Batch #	QC Sample ID	Type	Ref.	Matrix	Extract.	Analyzed
BF061.05-01	Method Blank	MB		Water	06/06/95	06/06/95
BF061.05-04	B2-12-SPL	MS	81710-25	Soil	06/06/95	06/06/95
BF061.05-05	B2-12-SPL	MSD	81710-25	Soil	06/06/95	06/06/95
BF061.05-38	EAST 1	MS	81719-06	Soil	06/07/95	06/07/95
BF061.05-39	EAST 1	MSD	81719-06	Soil	06/07/95	06/07/95
BF061.05-40	Method Blank	MB		Soil	06/06/95	06/06/95

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Gasoline Range Organics
by Alaska Dept. of Environmental Conservation Method AK101

Quality Assurance and Control Data

Laboratory Number: 81732
Method Blank(s)

	BF061.05-01		BF061.05-40	
	Conc.	RL	Conc.	RL
	ug/L		mg/kg	
Gasoline_Range	ND	50	ND	1
>> Surrogate Recoveries (%) <<				
Trifluorotoluene (SS)	103		103	

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Gasoline Range Organics
by Alaska Dept. of Environmental Conservation Method AK101

Quality Assurance and Control Data

Laboratory Number: 81732

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
		For Soil Matrix (mg/kg)				
	BF061.05	04 / 05 - Sample Spiked: 81710 - 25				
Gasoline_Range	ND	20	16/17	80/85	65-135	6
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				100/99	50-150	
		For Soil Matrix (mg/kg)				
	BF061.05	38 / 39 - Sample Spiked: 81719 - 06				
Gasoline_Range	ND	3.20	3/3	94/94	65-135	0
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				101/102	50-150	

i - The surrogate recovery was high due to the presence of interfering compounds in the sample.

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)

ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

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Fax copy of Lab Report and COC to Chevron Contact: ☐ No 81732

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number 9-0430
Facility Address 6370 DEBARR RD. ANCHORAGE AK
Consultant Project Number 830011121.0406
Consultant Name GROUNDWATER TECHNOLOGY INC
Address 912 E 15TH ANCHORAGE AK
Project Contact (Name) J. LEETY
(Phone) (907) 276-5600 (Fax Number) (907) 276-4480

Chevron Contact (Name) ROBERT GONDEK
(Phone) (510) 842-9594
Laboratory Name SUPERIOR
Laboratory Release Number 3106170
Samples Collected by (Name) NATHAN BURNHAM
Collection Date 5/24/95
Signature

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015) AK101 LIMITS	TPH Diesel (8015) AK102 LIMITS	Oil and Grease TPH (5520) 418.1	Purgeable Halocarbons	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	Pb ONLY					Remarks
PTS1		3	S	G	0930		Y	X													
PTS2		3	S	G	0935		Y	X													
PTS3		3	S	G	0940 MS		Y	X								Y					
PTS4		3	S	G	0950		Y	X													
PTS5		3	S	G	0955		Y	X								X					
PTS6		3	S	G	1000		Y	X													
PTS7		3	S	G	1015		Y	X													
PTS8		1	S	G	1015		Y	X													
PTS9		3	S	G	1030		Y	X								X					ERO ONLY
PTS10		3	S	G	1040		Y	X													
PTS11		3	S	G	1045		Y	X													
DS1		3	S	C	1030		Y	X													
DS2		3	S	G	1045		Y	X													
TB1		1	W	—	—		Y	X													BTEX ONLY

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	GT1	5/25/95	FEDEX		
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

Superior Precision Analytical, Inc.

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Ground Water Technology
912 E 15th Avenue Suite 200
Anchorage, AK 99501

Date: May 31, 1995

Attn: JEFF LEETY

Laboratory Number : 81697

Project Number/Name : 830011121.

This report has been reviewed and

approved for release.

Cecilia G Joaquin
Senior Chemist
Account Manager

Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

Ground Water Technology
Attn: JEFF LEETY

Project 830011121.
Reported on June 9, 1995

Total Recoverable Hydrocarbons by EPA Method 418.1

Chronology

Laboratory Number 81697

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
UOTS1	05/24/95	05/26/95	06/08/95	06/08/95	BF081.13	01
UOTS2	05/24/95	05/26/95	06/08/95	06/08/95	BF081.13	02
UOTSP1	05/24/95	05/26/95	06/08/95	06/08/95	BF081.13	12
UOTSP2	05/24/95	05/26/95	06/08/95	06/08/95	BF081.13	13

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
BF081.13-01	Method Blank	MB	Soil	06/08/95	06/08/95
BF081.13-02	Laboratory Spike	LS	Soil	06/08/95	06/08/95
BF081.13-03	Laboratory Spike Duplicate	LSD	Soil	06/08/95	06/08/95
BF081.13-04	Y5459-S3	MS 81725-01	Soil	06/08/95	06/08/95
BF081.13-05	Y5459-S3	MSD 81725-01	Soil	06/08/95	06/08/95

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Ground Water Technology
Attn: JEFF LEETY

Project 830011121.
Reported on June 9, 1995

Total Recoverable Hydrocarbons by EPA Method 418.1

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81697-01	UOTS1	Soil	1.0	-
81697-02	UOTS2	Soil	1.0	-
81697-12	UOTSP1	Soil	1.0	-
81697-13	UOTSP2	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81697-01 Conc. mg/kg	81697-01 RL	81697-02 Conc. mg/kg	81697-02 RL	81697-12 Conc. mg/kg	81697-12 RL	81697-13 Conc. mg/kg	81697-13 RL
Petroleum Hydrocarbons	43	10	570	10	3200	10	3200	10

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Total Recoverable Hydrocarbons by EPA Method 418.1

Quality Assurance and Control Data

Laboratory Number: 81697
Method Blank(s)

	BF081.13-01	
	Conc.	RL
	mg/kg	
Petroleum Hydrocarbons	ND	10

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Total Recoverable Hydrocarbons by EPA Method 418.1

Quality Assurance and Control Data

Laboratory Number: 81697

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
For Soil Matrix (mg/kg) BF081.13 02 / 03 - Laboratory Control Spikes						
Petroleum Hydrocarbons		100	88/87	88/87	75-125	1
For Soil Matrix (mg/kg) BF081.13 04 / 05 - Sample Spiked: 81725 - 01						
Petroleum Hydrocarbons	ND	100	78/81	78/81	75-125	4

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

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Ground Water Technology
Attn: JEFF LEETY

Project 830011121.
Reported on May 31, 1995

Volatile Aromatic Hydrocarbons by EPA SW-846 Method 5030/8020

Chronology

Laboratory Number 81697

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
UOTS1	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	01
UOTS2	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	02
S1-4	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	06
S1-3	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	07
S2-2	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	08
S2-4	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	09
UOTSP1	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	12
UOTSP2	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	13
UOTSP3	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	14
UOTSP4	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	15
TB-LB	05/24/95	05/26/95	05/27/95	05/27/95	BE261.03	16

QC Samples

QC Batch #	QC Sample ID	Type	Ref.	Matrix	Extract.	Analyzed
BE261.03-01	Method Blank	MB		Water	05/26/95	05/26/95
BE261.03-02	2602	MS	81570-20	Soil	05/26/95	05/26/95
BE261.03-03	2602	MSD	81570-20	Soil	05/26/95	05/26/95
BE261.03-04	Method Blank	MB		Soil	05/26/95	05/26/95

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Volatile Aromatic Hydrocarbons by EPA SW-846 Method 5030/8020

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81697-01	UOTS1	Soil	1.0	-
81697-02	UOTS2	Soil	1.0	-
81697-06	S1-4	Soil	20.0	-
81697-07	S1-3	Soil	20.0	-

R E S U L T S O F A N A L Y S I S

Compound	81697-01 Conc. mg/kg	RL	81697-02 Conc. mg/kg	RL	81697-06 Conc. mg/kg	RL	81697-07 Conc. mg/kg	RL
Benzene	ND	0.005	ND	0.005	0.26	0.10	0.14	0.10
Toluene	ND	0.005	ND	0.005	5.7	0.10	6.1	0.10
Ethyl Benzene	ND	0.005	ND	0.005	3.2	0.10	4.3	0.10
Xylenes	ND	0.005	ND	0.005	28	0.10	36	0.10
>> Surrogate Recoveries (%) <<								
Trifluorotoluene (SS)	86		90		87		88	

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Volatile Aromatic Hydrocarbons by EPA SW-846 Method 5030/8020

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81697-08	S2-2	Soil	1.0	-
81697-09	S2-4	Soil	10.0	-
81697-12	UOTSP1	Soil	1.0	-
81697-13	UOTSP2	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81697-08 Conc. mg/kg	81697-08 RL	81697-09 Conc. mg/kg	81697-09 RL	81697-12 Conc. mg/kg	81697-12 RL	81697-13 Conc. mg/kg	81697-13 RL
Benzene	ND	0.005	ND	0.050	ND	0.005	ND	0.005
Toluene	ND	0.005	0.54	0.050	ND	0.005	ND	0.005
Ethyl Benzene	ND	0.005	0.42	0.050	ND	0.005	ND	0.005
Xylenes	ND	0.005	5.5	0.050	ND	0.005	ND	0.005
>> Surrogate Recoveries (%) <<								
Trifluorotoluene (SS)	93		88		88		93	

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Volatile Aromatic Hydrocarbons by EPA SW-846 Method 5030/8020

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81697-14	UOTSP3	Soil	1.0	-
81697-15	UOTSP4	Soil	1.0	-
81697-16	TB-LB	Water	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81697-14 Conc. mg/kg	RL	81697-15 Conc. mg/kg	RL	81697-16 Conc. ug/L	RL
Benzene	ND	0.005	ND	0.005	ND	0.5
Toluene	ND	0.005	ND	0.005	ND	0.5
Ethyl Benzene	ND	0.005	ND	0.005	ND	0.5
Xylenes	ND	0.005	ND	0.005	ND	0.5
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)	88		88		85	

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Volatile Aromatic Hydrocarbons by EPA SW-846 Method 5030/8020

Quality Assurance and Control Data

Laboratory Number: 81697
Method Blank(s)

	BE261.03-01		BE261.03-04	
	Conc.	RL	Conc.	RL
	ug/L		mg/kg	
Benzene	ND	0.5	ND	0.005
Toluene	ND	0.5	ND	0.005
Ethyl Benzene	ND	0.5	ND	0.005
Xylenes	ND	0.5	ND	0.005
>> Surrogate Recoveries (%) <<				
Trifluorotoluene (SS)	84		87	

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Volatile Aromatic Hydrocarbons by EPA SW-846 Method 5030/8020

Quality Assurance and Control Data

Laboratory Number: 81697

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
For Soil Matrix (mg/kg) BE261.03 02 / 03 - Sample Spiked: 81570 - 20						
Benzene	ND	0.200	0.23/0.24	115/120	65-135	4
Toluene	ND	0.200	0.20/0.21	100/105	65-135	5
Ethyl Benzene	ND	0.200	0.19/0.20	95/100	65-135	5
Xylenes	ND	0.600	0.62/0.64	103/107	65-135	4
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				87/87	50-150	

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)

ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

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Project 830011121.
Reported on May 31, 1995

EPA SW-846 Method 6010 and/or 7000 Series Metals

Chronology

Laboratory Number 81697

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
UOTS1	05/24/95	05/26/95	05/30/95	05/30/95	BE302.10	01
UOTS2	05/24/95	05/26/95	05/30/95	05/30/95	BE302.10	02
S1-4	05/24/95	05/26/95	05/30/95	05/30/95	BE302.10	06
S2-2	05/24/95	05/26/95	05/30/95	05/30/95	BE302.10	08
UOTSP1	05/24/95	05/26/95	05/30/95	05/30/95	BE302.10	12
UOTSP2	05/24/95	05/26/95	05/30/95	05/30/95	BE302.10	13

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
BE302.10-01	Method Blank	MB	Soil	05/30/95	05/30/95
BE302.10-02	Laboratory Spike	LS	Soil	05/30/95	05/30/95
BE302.10-03	Laboratory Spike Duplicate	LSD	Soil	05/30/95	05/30/95
BE302.10-04	UOTS1	MS 81697-01	Soil	05/30/95	05/30/95
BE302.10-05	UOTS1	MSD 81697-01	Soil	05/30/95	05/30/95

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EPA SW-846 Method 6010 and/or 7000 Series Metals

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81697-01	UOTS1	Soil	1.0	-
81697-02	UOTS2	Soil	1.0	-
81697-06	S1-4	Soil	1.0	-
81697-08	S2-2	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81697-01 Conc. mg/kg	RL	81697-02 Conc. mg/kg	RL	81697-06 Conc. mg/kg	RL	81697-08 Conc. mg/kg	RL
Arsenic (SW-846 6010)	ND	2.5	ND	2.5				
Cadmium (SW-846 6010)	0.5	0.1	1.2	0.1				
Chromium (SW-846 6010)	51	0.2	30	0.2				
Lead (SW-846 6010)	ND+	10	9	2	7	2	6	2

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EPA SW-846 Method 6010 and/or 7000 Series Metals

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81697-12	UOTSP1	Soil	1.0	-
81697-13	UOTSP2	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81697-12 Conc. mg/kg	RL	81697-13 Conc. mg/kg	RL
Arsenic (SW-846 6010)	ND	2.5	ND	2.5
Cadmium (SW-846 6010)	1.1	0.1	1.1	0.1
Chromium (SW-846 6010)	23	0.2	23	0.2
Lead (SW-846 6010)	18	2	32	2

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EPA SW-846 Method 6010 and/or 7000 Series Metals

Quality Assurance and Control Data

Laboratory Number: 81697
Method Blank(s)

	BE302.10-01 Conc. mg/kg	RL
Arsenic (SW-846 6010)	ND	2.5
Cadmium (SW-846 6010)	ND	0.1
Chromium (SW-846 6010)	ND	0.2
Lead (SW-846 6010)	ND	2

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EPA SW-846 Method 6010 and/or 7000 Series Metals

Quality Assurance and Control Data

Laboratory Number: 81697

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
For Soil Matrix (mg/kg)						
BE302.10 02 / 03 - Laboratory Control Spikes						
Arsenic (SW-846 6010)		50	48.87/48.08	98/96	75-125	2
Cadmium (SW-846 6010)		50	49.43/47.68	99/95	75-125	4
Chromium (SW-846 6010)		50	48.92/48.99	98/98	75-125	0
Lead (SW-846 6010)		50	52.70/50.77	105/102	75-125	3
For Soil Matrix (mg/kg)						
BE302.10 04 / 05 - Sample Spiked: 81697 - 01						
Arsenic (SW-846 6010)	ND	50	-2.6/-5.168r	-5/-10	75-125	-67
Cadmium (SW-846 6010)	0.5	50	41.82/49.24	83/97	75-125	16
Chromium (SW-846 6010)	51	50	71.08/79.72c	40/57	75-125	35
Lead (SW-846 6010)	7.7	50	45.87/55.35	76/95	75-125	22

\+ - Raised Detection Limit Due To Matrix Interferences.
c - The Matrix Spike recovery is not meaningful due to the high concentration of the analyte in the sample relative to the spike
r - MS and/or MSD recoveries were out of control limits. LCS & LCSD recoveries were within acceptable limits.
s - MS and/or MSD recoveries were out of control limits. Post spike recovery was within acceptable range.

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

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Project 830011121.
Reported on May 31, 1995

Gasoline Range Organics
by Alaska Dept. of Environmental Conservation Method AK101

Chronology

Laboratory Number 81697

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
UOTS1	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	01
UOTS2	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	02
S1-4	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	06
S1-3	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	07
S2-2	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	08
S2-4	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	09
UOTSP1	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	12
UOTSP2	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	13
UOTSP3	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	14
UOTSP4	05/24/95	05/26/95	05/26/95	05/26/95	BE261.03	15

QC Samples

QC Batch #	QC Sample ID	Type	Ref.	Matrix	Extract.	Analyzed
BE261.03-01	Method Blank	MB		Water	05/26/95	05/26/95
BE261.03-02	2602	MS	81570-20	Soil	05/26/95	05/26/95
BE261.03-03	2602	MSD	81570-20	Soil	05/26/95	05/26/95
BE261.03-04	Method Blank	MB		Soil	05/26/95	05/26/95

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Gasoline Range Organics
by Alaska Dept. of Environmental Conservation Method AK101

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81697-01	UOTS1	Soil	1.0	-
81697-02	UOTS2	Soil	1.0	-
81697-06	S1-4	Soil	1.0	-
81697-07	S1-3	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81697-01 Conc. mg/kg	RL	81697-02 Conc. mg/kg	RL	81697-06 Conc. mg/kg	RL	81697-07 Conc. mg/kg	RL
Gasoline_Range	ND	1	ND	1	140	1	220	1
>> Surrogate Recoveries (%) <<								
Trifluorotoluene (SS)	78		79		97		109	

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Gasoline Range Organics
by Alaska Dept. of Environmental Conservation Method AK101

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81697-08	S2-2	Soil	1.0	-
81697-09	S2-4	Soil	1.0	-
81697-12	UOTSP1	Soil	1.0	-
81697-13	UOTSP2	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81697-08 Conc. mg/kg	RL	81697-09 Conc. mg/kg	RL	81697-12 Conc. mg/kg	RL	81697-13 Conc. mg/kg	RL
Gasoline_Range	ND	1	30	1	ND	1	1	1
>> Surrogate Recoveries (%) <<								
Trifluorotoluene (SS)	79		94		67		71	

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Gasoline Range Organics
by Alaska Dept. of Environmental Conservation Method AK101

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81697-14	UOTSP3	Soil	1.0	-
81697-15	UOTSP4	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81697-14 Conc. mg/kg	RL	81697-15 Conc. mg/kg	RL
Gasoline_Range	ND	1	ND	1
>> Surrogate Recoveries (%) <<				
Trifluorotoluene (SS)	85		67	

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Gasoline Range Organics
by Alaska Dept. of Environmental Conservation Method AK101

Quality Assurance and Control Data

Laboratory Number: 81697
Method Blank(s)

	BE261.03-01		BE261.03-04	
	Conc.	RL	Conc.	RL
	ug/L		mg/kg	
Gasoline_Range	ND	50	ND	1
>> Surrogate Recoveries (%) <<				
Trifluorotoluene (SS)	84		87	

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Halogenated Volatile Organics by EPA SW-846 Methods 5030/8010

Chronology

Laboratory Number 81697

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
UOTS1	05/24/95	05/26/95	05/30/95	05/30/95	BE301.08	01
UOTS2	05/24/95	05/26/95	05/30/95	05/30/95	BE301.08	02
UOTSP1	05/24/95	05/26/95	05/30/95	05/30/95	BE301.08	12
UOTSP2	05/24/95	05/26/95	05/30/95	05/30/95	BE301.08	13

QC Samples

QC Batch #	QC Sample ID	Type	Ref.	Matrix	Extract.	Analyzed
BE301.08-03	Laboratory Spike	LS		Soil	05/30/95	05/30/95
BE301.08-08	UOTS1	MS	81697-01	Soil	05/30/95	05/30/95
BE301.08-09	UOTS1	MSD	81697-01	Soil	05/30/95	05/30/95
BE301.08-10	Method Blank	MB		Soil	05/30/95	05/30/95

Certified Laboratories

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Halogenated Volatile Organics by EPA SW-846 Methods 5030/8010

Quality Assurance and Control Data

Laboratory Number: 81697
Method Blank(s)

	BE301.08-10 Conc. ug/Kg	RL
Chloromethane	ND	5.0
Vinyl Chloride	ND	5.0
Bromomethane	ND	5.0
Chloroethane	ND	5.0
Trichlorofluoromethane	ND	10
1,1-Dichloroethene	ND	5.0
Dichloromethane	ND	5.0
t-1,2-Dichloroethene	ND	5.0
1,1-Dichloroethane	ND	5.0
c-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Trichloroethene	ND	5.0
c-1,3-Dichloropropene	ND	5.0
1,2-Dichloropropane	ND	5.0
t-1,3-Dichloropropene	ND	5.0
Bromodichloromethane	ND	5.0
1,1,2-Trichloroethane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
Chlorobenzene	ND	5.0
Bromoform	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
>> Surrogate Recoveries (%) <<		
4-Bromofluorobenzene	95	

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Halogenated Volatile Organics by EPA SW-846 Methods 5030/8010

Quality Assurance and Control Data

Laboratory Number: 81697

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
For Soil Matrix (ug/L)						
BE301.08 03 / - Laboratory Control Spikes						
1,1-Dichloroethene		200	210	105	50-189	
Trichloroethene		200	220	110	53-161	
Chlorobenzene		200	220	110	57-171	
>> Surrogate Recoveries (%) <<						
4-Bromofluorobenzene					50-125	
For Soil Matrix (ug/Kg)						
BE301.08 08 / 09 - Sample Spiked: 81697 - 01						
1,1-Dichloroethene	ND	200	180/190	90/95	44-184	5
Trichloroethene	ND	200	220/220	110/110	55-141	0
Chlorobenzene	ND	200	220/220	110/110	63-158	0
>> Surrogate Recoveries (%) <<						
4-Bromofluorobenzene				97/89	50-125	

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

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Superior Precision Analytical, Inc.
A member of ESSCON Environmental Support Service Consortium

Ground Water Technology
Attn: JEFF LEETY

Project 830011121.
Reported on June 1, 1995

Diesel Range Organics by Method AK102
Alaska Dept. of Environmental Conservation
Diesel range quantified as all compounds from C10 to C25

Chronology

Laboratory Number 81697

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
UOTS1	05/24/95	05/26/95	05/27/95	05/31/95	BE271.42	01
UOTS2	05/24/95	05/26/95	05/27/95	05/31/95	BE271.42	02
HTS1	05/24/95	05/26/95	05/27/95	05/31/95	BE271.42	03
HTS2	05/24/95	05/26/95	05/27/95	05/31/95	BE271.42	04
HTS3	05/24/95	05/26/95	05/27/95	05/31/95	BE271.42	05
HTSP1	05/24/95	05/26/95	05/27/95	05/31/95	BE271.42	10
HTSP2	05/24/95	05/26/95	05/27/95	05/31/95	BE271.42	11
UOTSP1	05/24/95	05/26/95	05/27/95	05/31/95	BE271.42	12
UOTSP2	05/24/95	05/26/95	05/27/95	05/31/95	BE271.42	13
UOTSP3	05/24/95	05/26/95	05/27/95	05/31/95	BE271.42	14
UOTSP4	05/24/95	05/26/95	05/27/95	05/31/95	BE271.42	15
UOTSP5	05/24/95	05/26/95	05/27/95	05/31/95	BE271.42	17

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
BE271.42-01	Method Blank	MB	Soil	05/27/95	05/30/95
BE271.42-02	Laboratory Spike	LS	Soil	05/27/95	05/30/95
BE271.42-03	Laboratory Spike Duplicate	LSD	Soil	05/27/95	05/30/95
BE271.42-04	UOTS1	MS 81697-01	Soil	05/27/95	05/30/95
BE271.42-05	UOTS1	MSD 81697-01	Soil	05/27/95	05/30/95

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Project 830011121.
Reported on June 1, 1995

Diesel Range Organics by Method AK102
Alaska Dept. of Environmental Conservation
Diesel range quantified as all compounds from C10 to C25

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81697-01	UOTS1	Soil	1.0	-
81697-02	UOTS2	Soil	1.0	-
81697-03	HTS1	Soil	1.0	-
81697-04	HTS2	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81697-01 Conc. mg/kg	RL	81697-02 Conc. mg/kg	RL	81697-03 Conc. mg/kg	RL	81697-04 Conc. mg/kg	RL
Diesel/AK102	9	4	170	4	270	4	5	4
>> Surrogate Recoveries (%) <<								
Tetracosane	121		206i		140		88	

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Diesel Range Organics by Method AK102
Alaska Dept. of Environmental Conservation
Diesel range quantified as all compounds from C10 to C25

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81697-05	HTS3	Soil	1.0	-
81697-10	HTSP1	Soil	1.0	-
81697-11	HTSP2	Soil	1.0	-
81697-12	UOTSP1	Soil	10.0	-

R E S U L T S O F A N A L Y S I S

Compound	81697-05 Conc. mg/kg	RL	81697-10 Conc. mg/kg	RL	81697-11 Conc. mg/kg	RL	81697-12 Conc. mg/kg	RL
Diesel/AK102	500	4	68	4	27	4	730	40
>> Surrogate Recoveries (%) <<								
Tetracosane	250i		207i		93		h	

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Diesel Range Organics by Method AK102
Alaska Dept. of Environmental Conservation
Diesel range quantified as all compounds from C10 to C25

Quality Assurance and Control Data

Laboratory Number: 81697
Method Blank(s)

	BE271.42-01 Conc. mg/kg	RL
Diesel/AK102	ND	4
>> Surrogate Recoveries (%) <<		
Tetracosane	69	

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Diesel Range Organics by Method AK102
Alaska Dept. of Environmental Conservation
Diesel range quantified as all compounds from C10 to C25

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81697-13	UOTSP2	Soil	10.0	-
81697-14	UOTSP3	Soil	1.0	-
81697-15	UOTSP4	Soil	1.0	-
81697-17	UOTSP5	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81697-13 Conc. mg/kg	RL	81697-14 Conc. mg/kg	RL	81697-15 Conc. mg/kg	RL	81697-17 Conc. mg/kg	RL
Diesel/AK102	1100	40	84	4	19	4	18	4
>> Surrogate Recoveries (%) <<								
Tetracosane	h		279i		215i		148	

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Diesel Range Organics by Method AK102
Alaska Dept. of Environmental Conservation
Diesel range quantified as all compounds from C10 to C25

Quality Assurance and Control Data

Laboratory Number: 81697

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
For Soil Matrix (mg/kg) BE271.42 02 / 03 - Laboratory Control Spikes						
Diesel/AK102		67	59/55	88/82	50-150	7
>> Surrogate Recoveries (%) << Tetracosane				80/77	50-150	
For Soil Matrix (mg/kg) BE271.42 04 / 05 - Sample Spiked: 81697 - 01						
Diesel/AK102	ND	67	53/49	79/73	50-150	8
>> Surrogate Recoveries (%) << Tetracosane				113/91	50-150	

i - The surrogate recovery was high due to the presence of interfering compounds in the sample.

h - Accurate quanitiation of the surrogate was not possible due to the extent of sample dilution.

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

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Fax copy of Lab Report and COC to Chevron Contact: ☐ No

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 9-0430
Facility Address: 6370 DEBARR Rd. ANCHORAGE AK
Consultant Project Number: 830011121.
Consultant Name: GROUNDWATER TECHNOLOGY INC
Address: 912 E 15th AVE ANCHORAGE AK
Project Contact (Name): J. LEETV
(Phone) (907) 276-5600 (Fax Number) (907) 276-4480

Chevron Contact (Name): ROBERT GONDEK
(Phone) (510) 842-9554
Laboratory Name: SUPERIOR
Laboratory Release Number: 3106170
Samples Collected by (Name): NATHAN BURNHAM
Collection Date: 5/24/95
Signature:

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015) AK101 LIMITS	TPH Diesel (8015) AK102 LIMITS	~~Oil and Grease~~ TPH (5520) 418.1	Purgeable Halocarbons	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	Remarks
WOTSP4		4	S		1535		Y	X	X							HOLD EXTRA SAMPLE VOLUME FOR SUBSEQUENT ANALYSIS.
TB-2		1	W		—		Y	X	←							
WOTSP5	ADDED AT REL JOB# LEFTY 11:30 AM M.N. 5/24/95		S						X							BTEX ONLY

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	GTI	5/25/95	FEDEX		
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			9-4- Bovell		5/26/95 9:00

Turn Around Time (Circle Choice)
(24 Hrs.)
48 Hrs.
5 Days
10 Days
As Contracted

Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

Ground Water Technology
912 E 15th Avenue Suite 200
Anchorage, AK 99501

Date: June 9, 1995

Attn: JEFF LEETY

Laboratory Number : 81822

Project Number/Name : 830011121

This report has been reviewed and

approved for release.

CAHem for
Senior Chemist
Account Manager

JUN 15 1995
RB

Certified Laboratories

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Seattle, Washington 98108
(206) 763-2992 / fax (206) 763-8429

Fax copy of Lab Report and COC to Chevron Contact: ☐ No 1697

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 9-0430
Facility Address: 6370 Dowling Rd. Anchorage, AK
Consultant Project Number: 830011121.
Consultant Name: GROUNDWATER TECHNOLOGY INC
Address: 512 E 15th Ave ANCH AK
Project Contact (Name): J. LEETV
(Phone) (907) 276-5600 (Fax Number) (907) 276-4480

Chevron Contact (Name): ROBERT GONDEK
(Phone) (510) 842-9554
Laboratory Name: SUPERIOR
Laboratory Release Number: 3106170
Samples Collected by (Name): NATHAN BURNHAM
Collection Date: 5/24/95
Signature:

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015) AK101 LIMITS	TPH Diesel (8015) AK102 LIMITS	Oil and Grease TPH (5520) 418.1	Purgeable Halocarbons 8010	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	Pb, As, Cd, Cr TOTAL	Pb only				Remarks
VOTS1		4	S		1400		Y	X	X	X	X					X					Standard TAT
VOTS2		4	S		1415		Y	X	X	X	X					X					
HTS1		2	S		1440		Y		X												
HTS2		1	S		~~1445~~ 1450		Y		X												
HTS3		2	S		1450 ~~1440~~		Y		X												
S1-4		3	S		1430		Y	X									X				24 hr. TAT
S1-3		3	S		1435		Y	X													
S2-2		3	S		1440		Y	X									X				
S2-4		3	S		1445		Y	X													
HTSP1		2	S		1500		Y		X												
HTSP2		2	S		1505		Y		X												
VOTSP1		4	S		1520		Y	X	X	X	X					X					4 °C
VOTSP2		4	S		1525		Y	X	X	X	X					X					
VOTSP3		4	S		1530		Y	X	X												HOLD EXTRA SAMPLE VOLUME FOR SUBSEQUENT

S1-4 1PM 5/24 LEE 11:30 AM 5/24/95 AS PER

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	GTI	5/25/95	FEDEX		
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			G. Howell		5/26/95 9:00

Turn Around Time (Circle Choice) ANALYSIS
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

Ground Water Technology
Attn: JEFF LEETY

Project 830011121
Reported on June 8, 1995

EPA SW-846 Method 6010 and/or 7000 Series Metals
Extracted by EPA 1311 TCLP Method.

Chronology

Laboratory Number 81822

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
UOTS1	05/24/95	06/06/95	06/06/95	06/08/95	BF081.10	01
UOTSP2	05/24/95	06/06/95	06/06/95	06/08/95	BF081.10	02
UOTSP3	05/24/95	06/06/95	06/06/95	06/08/95	BF081.10	03

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
BF081.10-01	Method Blank	MB	Water	06/06/95	06/08/95
BF081.10-02	Laboratory Spike	LS	Water	06/06/95	06/08/95
BF081.10-03	Laboratory Spike Duplicate	LSD	Water	06/06/95	06/08/95
BF081.10-04	SP-1,2,3,4	MS 81766-01	Water	06/06/95	06/08/95
BF081.10-05	SP-1,2,3,4	MSD 81766-01	Water	06/06/95	06/08/95

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Ground Water Technology
Attn: JEFF LEETY

Project 830011121
Reported on June 8, 1995

EPA SW-846 Method 6010 and/or 7000 Series Metals
Extracted by EPA 1311 TCLP Method.

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81822-01	UOTS1	Soil	1.0	-
81822-02	UOTSP2	Soil	1.0	-
81822-03	UOTSP3	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81822-01 Conc. mg/L	81822-01 RL	81822-02 Conc. mg/L	81822-02 RL	81822-03 Conc. mg/L	81822-03 RL
Chromium (SW-846 6010)	ND	0.05			ND	0.05
Lead (SW-846 6010)			ND	0.25	ND	0.25

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EPA SW-846 Method 6010 and/or 7000 Series Metals
Extracted by EPA 1311 TCLP Method.

Quality Assurance and Control Data

Laboratory Number: 81822
Method Blank(s)

	BF081.10-01	
	Conc.	RL
	mg/L	
Chromium (SW-846 6010)		
Lead (SW-846 6010)	ND	0.5

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EPA SW-846 Method 6010 and/or 7000 Series Metals
Extracted by EPA 1311 TCLP Method.

Quality Assurance and Control Data

Laboratory Number: 81822

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
For Water Matrix (mg/L) BF081.10 02 / 03 - Laboratory Control Spikes						
Lead (SW-846 6010)		5	4.873/4.606	97/92	75-125	5
For Water Matrix (mg/L) BF081.10 04 / 05 - Sample Spiked: 81766 - 01						
Lead (SW-846 6010)	ND	5	4.23/4.344	85/87	75-125	2

* - Hydrocarbons were found in the range of gasoline, but do not resemble a gasoline fingerprint.

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
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GROUNDWATER TECHNOLOGY GOVERNMENT SERVICES

81822

Groundwater Technology Government Services, Inc.
912 East 15th Avenue, Suite 200, Anchorage, AK 99501 USA
Tel: (907) 276-3600 Fax: (907) 276-4480

CONFIDENTIAL FACSIMILE TRANSMISSION

TO: Cecelia Joaquin - Superior. 1(510) 229-1526. 0916

DATE: 6/6/95

FROM: Nate. - GTI

SUBJECT: Change to Analytical Requirements

NUMBER OF PAGES (including this sheet): 2.

MESSAGE:

Cecelia, Attached is a CoC showing required changes. Please run VOTS1 for Cr after TCLP extract., Run VOTSP2 for Pb after TCLP, and run VOTSP3 for total & Pb & Cr. VOTSP3 is only one requiring 24 TAT. Call w/ questions

Thx
Nate

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P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number 9-0430
Facility Address 6370 Dowling Rd. Anchorage, AK
Consultant Project Number 830011121.
Consultant Name GROUNDWATER TECHNOLOGY INC
Address 512 E 15th Ave Anch AK
Project Contact (Name) J. LEETY
Phone (907) 276-5600 (Fax Number (907) 276-4480

Chevron Contact (Name) ROBERT GUNDLE
(Phone) (510) 842-9554
Laboratory Name SOUTHLOR
Laboratory Release Number 3106170
Samples Collected by (Name) NATHAN BUENHAM
Collection Date 5/24/95
Signature

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015) AK102 LIMITS	TPH Diesel (8015) AK102 LIMITS	Oil and Grease TPH (5520) 418.1	Purgeable Halocarbons 8010	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	Pb, As, Cd, Cr TOTAL	Pb only TOTAL	Pb AFTER TCLP EXTRACTION	Cr AFTER TCLP EXTRACTION	Cr only TOTAL	Remarks
VOTS1		4	S		1400		Y	X	X	X	X					X			X		Standard T
VOTS2		4	S		1415		Y	X	X	X	X					X					
HTS1		2	S		1440		Y		X												
HTS2		1	S		~~1450~~ 1444		Y		X												
HTS3	S1-4	2	S		~~1440~~ 1456		Y		X												
S1-1		3	S		1430		Y	X									X				24 hr. TA
S1-3		3	S		1435		Y	X													
S2-2		3	S		1440		Y	X									X				
S2-4		3	S		1445		Y	X													
HTSP1		2	S		1500		Y		X												
HTSP2		2	S		1505		Y		X												
VOTSP1		4	S		1520		Y	X	X	X	X					X					
VOTSP2		4	S		1525		Y	X	X	X	X					X			X		
VOTSP3		4	S		1530		Y	X	X								X			X	HOLD EXTRA SOIL VOLUME FOR SUB

Turn Around Time (Circle Choice) AM
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	GTI	5/25/95	FEDEX		
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time

CHANGE DUE ON 6/6/95

NORTH CREEK ANALYTICAL

18939 120th Avenue N.E., Suite 101 • Bothell, WA 98011-9508 (206) 481-9200 • FAX 485-2992
East 11115 Montgomery, Suite B • Spokane, WA 99206-4776 (509) 924-9200 • FAX 924-9290
9405 S.W. Nimbus Avenue • Beaverton, OR 97008-7132 (503) 643-9200 • FAX 644-2202

Groundwater Technology, Inc.	Project Name:	Chevron Anchorage, #9-0430	
912 E. 15th Avenue, #200	Client Project :	#830011121.0406	Received: Jun 5, 1995
Anchorage, AK 99501			Reported: Jun 5, 1995
Attention: Jeff Leety	NCA Project #:	B506052	

PROJECT SUMMARY PAGE

Laboratory Sample Number	Sample Description	Sample Matrix	Date Sampled
B506052-01	SP-2	Soil	6/2/95
B506052-02	SP-5	Soil	6/2/95
B506052-03	SP-8	Soil	6/2/95
B506052-04	SP-9	Soil	6/2/95

* STOCKPILE SAMPLES FROM EXCAVATION FOR NEW TANKS. DON'T DISCUSS IN REPORT

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

NORTH CREEK ANALYTICAL Inc.

Shannon Stowell
Project Manager

RECEIVED
JUN 26 1995
RB

506052.GTA <1>

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Groundwater Technology, Inc.
912 E. 15th Avenue, #200
Anchorage, AK 99501
Attention: Jeff Leety

Client Project ID: Chevron Anchorage, #9-0430
Sample Matrix: Soil
First Sample #: B506052-01

Received: Jun 5, 1995
Reported: Jun 5, 1995

TOTAL SOLIDS & MOISTURE CONTENT REPORT

Sample Number	Sample Description	Total Solids %	Moisture Content %
B506052-01	SP-2	95	5.0
B506052-02	SP-5	93	7.0
B506052-03	SP-8	96	4.0
B506052-04	SP-9	94	6.0

The enclosed analytical results for soils, sediments and sludges have been converted to a DRY WEIGHT reporting basis.
To attain the wet weight "as received" equivalent, multiply the dry weight result by the decimal fraction of percent Total Solids.

NORTH CREEK ANALYTICAL Inc.

Shannon Stowell
Project Manager

NORTH CREEK ANALYTICAL

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Groundwater Technology, Inc.	Client Project ID:	Chevron Anchorage, #9-0430	Sampled:	Jun 2, 1995
912 E. 15th Avenue, #200	Matrix Descript:	Soil	Received:	Jun 5, 1995
Anchorage, AK 99501	Analysis Method:	EPA 8015 Modified	Analyzed:	Jun 5-6, 1995
Attention: Jeff Leety	First Sample #:	B506052-01	Reported:	Jun 5-12, 1995

VOLATILE PETROLEUM HYDROCARBONS - GASOLINE RANGE ORGANICS

Sample Number	Sample Description	Sample Result mg/kg (ppm)	Surrogate Recovery %
B506052-01	SP-2	180	S-2
B506052-02	SP-5	11	92
B506052-03	SP-8	3.9	90
B506052-04	SP-9	12	90
BLK060595	Method Blank	N.D.	96

Reporting Limit:	**5.0**

Volatile Petroleum Hydrocarbons are quantitated as Gasoline Range Organics (2-Methylpentane - 1,2,4-Trimethylbenzene).
Surrogate recovery reported is for Bromofluorobenzene. Analytes reported as N.D. were not detected above the stated Reporting Limit.
The results reported above are on a dry weight basis.

NORTH CREEK ANALYTICAL Inc.

Please Note:
S-2 = The Surrogate Recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.

Shannon Stowell
Project Manager

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Groundwater Technology, Inc.
912 E. 15th Avenue, #200
Anchorage, AK 99501
Attention: Jeff Leety

Client Project ID: Chevron Anchorage, #9-0430
Sample Matrix: Soil
Analysis Method: EPA 8015 Modified
Units: mg/kg (ppm)

Analyst: B. Christlieb, F. Shino
Analyzed: Jun 5, 1995
Reported: Jun 12, 1995

HYDROCARBON QUALITY CONTROL DATA REPORT

ACCURACY ASSESSMENT
Laboratory Control Sample

Gasoline

Spike Conc. Added:	5.0
Spike Result:	4.1
% Recovery:	83
Upper Control Limit %:	115
Lower Control Limit %:	33

PRECISION ASSESSMENT
Sample Duplicate

Gasoline Range Hydrocarbons

Sample Number:	B506015-05
Original Result:	3.6
Duplicate Result:	1.1
Relative % Difference:	Relative Percent Difference values are not reported at sample concentration levels less than 10 times the Detection Limit.
Maximum RPD:	67

NORTH CREEK ANALYTICAL Inc.

Shannon Stowell
Project Manager

% Recovery: $\frac{\text{Spike Result}}{\text{Spike Concentration Added}} \times 100$

Relative % Difference: $\frac{\text{Original Result - Duplicate Result}}{(\text{Original Result + Duplicate Result}) / 2} \times 100$

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9405 S.W. Nimbus Avenue • Beaverton, OR 97008-7132 (503) 643-9200 • FAX 644-2202

Groundwater Technology, Inc.	Client Project ID:	Chevron Anchorage, #9-0430	Sampled:	Jun 2, 1995
912 E. 15th Avenue, #200	Sample Matrix:	Soil	Received:	Jun 5, 1995
Anchorage, AK 99501	Analysis Method:	EPA 8020	Analyzed:	Jun 5-6, 1995
Attention: Jeff Leety	First Sample #:	B506052-01	Reported:	Jun 5-12, 1995

BTEX DISTINCTION

Sample Number	Sample Description	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)	Surrogate Recovery %
B506052-01	SP-2	N.D.	0.24	0.32	16	101
B506052-02	SP-5	N.D.	N.D.	N.D.	N.D.	87
B506052-03	SP-8	N.D.	N.D.	N.D.	N.D.	86
B506052-04	SP-9	N.D.	N.D.	N.D.	0.24	86
BLK060595	Method Blank	N.D.	N.D.	N.D.	N.D.	92
Reporting Limits:		**0.050**	**0.050**	**0.050**	**0.10**	

4-Bromofluorobenzene surrogate recovery control limits are 34 - 166 %.
Analytes reported as N.D. were not detected above the stated Reporting Limit.
The results reported above are on a dry weight basis.

NORTH CREEK ANALYTICAL Inc.

Shannon Stowell
Project Manager

NORTH CREEK ANALYTICAL

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9405 S.W. Nimbus Avenue • Beaverton, OR 97008-7132 (503) 643-9200 • FAX 644-2202

Groundwater Technology, Inc.
912 E. 15th Avenue, #200
Anchorage, AK 99501
Attention: Jeff Leety

Client Project ID: Chevron Anchorage, #9-0430
Sample Matrix: Soil
Analysis Method: EPA 8020
Units: mg/kg (ppm)
QC Sample #: B505635-01

Analyst: B. Christlieb, F. Shino
Analyzed: Jun 5, 1995
Reported: Jun 12, 1995

MATRIX SPIKE QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Sample Result:	0.11	0.61	0.48	3.8
Spike Conc. Added:	0.50	0.50	0.50	1.50
Spike Result:	0.38	0.80	0.79	4.6
Spike % Recovery:	54%, Q-1	38%, Q-1	62%	53%, Q-1
Spike Dup. Result:	0.45	1.1	0.94	4.88
Spike Duplicate % Recovery:	68%	98%	92%	72%
Upper Control Limit %:	111	118	120	128
Lower Control Limit %:	59	55	61	55
Relative % Difference:	17%	27%, Q-7	17%	5.9%
Maximum RPD:	17	16	17	17

NORTH CREEK ANALYTICAL Inc.

Shannon Stowell
Project Manager

Please Note:
Q-1 = The Spike Recovery for this QC sample is outside of NCA established control limits.
Q-7 = The RPD value for this QC sample is outside of the advisory limit established by NCA. Additional sources for assessment of method precision, such as field dups, should be referenced.

Fax copy of Lab Report and COC to Chevron Contact: ☐ Yes ☐ No

Chain-of-Custody-Reco

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 9-0430
Facility Address: 6470 Debarr Rd Anchorage AK
Consultant Project Number: 830011121.0406
Consultant Name: Groundwater Technology
Address: 912 E 15th Ave Anchorage AK 99501
Project Contact (Name): Jeff Leaty
(Phone) 907-276-5600 (Fax Number) 907-276-4450

Chevron Contact (Name): Bob Gondek
(Phone):
Laboratory Name: North Creek
Laboratory Release Number:
Samples Collected by (Name): Chris Lotti
Collection Date: 6/2/95
Signature: Chris Lotti

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	AK 101 limits					Remarks
								Analyses To Be Performed													
Sp-2	B506052-01	2	S	G		N/A	Y	X								X					
Sp-5	-02	2	S	G		↓	↓	X								X					
Sp-8	-03	2	S	G		↓	↓	X								X					
Sp-9	-04	2	S	G		↓	↓	X								X					

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Chris Lotti	GTI	6/2/95 1130	[signature]	NCA	6/5/95 0715 AM
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time

Turn Around Time (Circle Choice)
(24 Hrs.)
48 Hrs.
5 Days
10 Days
As Contracted

COC-3.DWG/03 91/HCH

CLOSURE NOTICE
FOR ALASKA UNDERGROUND STORAGE TANKS

Notice of Closure is required for any tank removed or closed in-ground.

UNDERGROUND PETROLEUM STORAGE TANK PROGRAM

Facility - Location
(Do not use P.O. Box)

Name CHEVRON - INDIAN HILLS
Address 6470 DEBARR
ANCHORAGE, AK
Phone (907) 333-9000

Tank Owner

Name CHEVRON USA
Address P.O. BOX 5004
SAN RAMON, CA
94583-0804
Phone (510) 842-9694

Facility ID Number (If Known) 000012
Scheduled Date for Closure 5/24/95

This form MUST be completed and sent at least 15 and no more than 60 days prior to closure.

Alaska Statute 46.03.375 requires those who supervise an UST closure be certified after March 25, 1992.

A Site Assessment in accordance with 18 AAC 78.090 must be performed at time of closure by an impartial third party with an approved quality assurance program plan (QAPP).

Contractor to Perform Closure B.C. EXCAVATING UST Worker License # AA296

Firm to Perform Site Assessment GROUNDWATER TECHNOLOGY QAPP on File? YES

Method of Closure: Removal X In-ground ____ If In-ground, Type of Fill Material ____

Is there a leak/spill at this site? ? (if so, please notify the closest DEC office)
Have you contacted the local fire department of your intent to close the tank(s)? ____

Where are the tank, piping, equipment, and sludge to be disposed?
Alaska Metal Recycling via GROUNDWATER TECHNOLOGY

Tanks to be Closed

Tank Number	Tank Age	Tank Size	Last Product Stored	Date Last Used
001	1969	≤ 10,000	GASOLINE	5/17/95
002	1969	≤ 10,000	GASOLINE	"
003	1969	≤ 6,000	GASOLINE	"
004	1969	≤ 500	USED OIL	"
005	1969	≤ 500	HEATING FUEL	—

Closure Notice Submitted By:

James Cazort — OMEGA SERVICES, INC. — 5/11/95
(Signature) (Title) (Date)

JAMES CAZORT — (907) 562-5800
(Please print name) (Phone)

Return Completed Form to: Alaska Department of Environmental Conservation
3601 C Street, Suite 398
Anchorage, AK 99503
FAX # (907) [redacted] 273-4331

UST/Closure #92-01 rev 4/92

POST-CLOSURE INFORMATION FOR ALASKA UNDERGROUND STORAGE TANKS

Post Closure information and site assessment report is required 30 days closure activities.

UNDERGROUND PETROLEUM STORAGE TANK PROGRAM

Facility - Location
(Do not use P.O. Box)

Name INDIAN HILLS CHEVRON
Address 6370 DEBARR ROAD
ANCHORAGE, ALASKA
Phone (907) 333-9000

Tank Owner

Name CHEVRON PRODUCTS COMPANY
Address 6001 BOLLINGER CANYON RD
SAN RAMON CA 94583-0804
Phone (510) 842-9594

Facility ID # CHEVRON 9-0430 / ADEC 000012

SITE ASSESSMENT MUST BE COMPLETED FOR ANY TANK CLOSURE

Site Assessment Performed By: GROUNDWATER TECHNOLOGY, INC.

Closure Performed By: NATHAN BURNHAM **UST License #** 335

Date Site Assessment Performed: 5/24/95

SITE ASSESSMENT REPORT MUST BE SUBMITTED TO DEPARTMENT OF ENVIRONMENTAL CONSERVATION DISTRICT OFFICE

REGISTRATION FORM TO BE SUBMITTED BY CONTRACTOR AFTER COMPLETION OF INSTALLATION

Was the closed tank replaced by new UST? Yes ✓ No
If yes, please submit a new registration form containing information on the new tanks.

Tanks Removed Or Closed In-ground

Tank Number	Tank Size	Removed or Closed In-ground	Last Product Stored	Release Found?
001	10,000	REMOVED	GASOLINE	REPORT PENDING
002	10,000	"	"	"
003	6,000	"	"	"
004	500	"	USED OIL	"
005	500	"	HEATING FUEL	"

All releases should be reported to a DEC District Office within 24 hours. For further information refer to the Alaska Underground Storage Tank Regulations (18 AAC 78) or contact the Department of Environmental Conservation.

Submitted By: NATHAN C. BURNHAM (Name) GROUNDWATER TECH, INC. (Firm) 696-3617 (Phone)

Return Completed Form to: Alaska Department of Environmental Conservation
3601 C Street, Suite 398
Anchorage, AK 99503
FAX # (907) ~~563-6032~~ 273-4331

Ground Water Technology
Attn: JEFF LEETY

Project 830011121.0406
Reported on August 10, 1995
Revised on August 10, 1995

Gasoline Range Organics
by Alaska Dept. of Environmental Conservation Method AK101

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81732-08	PTS8	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	81732-08 Conc. RL mg/kg
Gasoline_Range	36 1
>> Surrogate Recoveries (%) <<	
Trifluorotoluene (SS)	213i

Certified Laboratories

825 Arnold Dr., Suite 114
Martinez, California 94553
(510) 229-1512 / fax (510) 229-1526

1555 Burke St., Unit I
San Francisco, California 94124
(415) 647-2081 / fax (415) 821-7123

309 S. Cloverdale St., Suite B-24
Seattle, Washington 98108
(206) 763-2992 / fax (206) 763-8429