SECOR
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MAR 9 - 1999

ADEC STORAGE TANK PROGRAM FAIRBANKS

March 3, 1999
Project No. 7G007-037-01

Mr. Clint Adler
Alaska Department of Environmental Conservation
601 University Avenue
Fairbanks, AK 99709-3643

Re: **Well Abandonment and Removal of USTs and Product Lines**
Chevron Service Station #9-6489
1304 Airport Heights Drive @ DeBarr Avenue
Anchorage, Alaska

Dear Mr. Adler:

SECOR International Incorporated (SECOR) has prepared this letter on behalf of Chevron Products Company (Chevron) to document the excavation and removal of five underground storage tanks (USTs) and associated dispensers and product lines at the site referenced above (Figures 1 and 2). The purpose of this work was to evaluate soil conditions encountered during excavation associated with facility upgrade activities at the site. The gasoline USTs, associated dispensers, and product lines were removed, replaced, and relocated onsite from their former locations. The used oil and heating oil USTs were removed but were not replaced.

Additionally, this letter documents the abandonment of groundwater monitoring wells MW-1, MW-2, and MW-3 (Figure 2). Well abandonment was performed in accordance with SECOR's Work Plan, dated August 25, 1998, which you approved by telephone on September 1, 1998.

SITE BACKGROUND

The site is an operating service station at the corner of Airport Heights Drive and DeBarr Avenue in Anchorage, Alaska (Figure 1). The topography of the site is relatively flat. Land use in the immediate vicinity is mixed commercial and residential.

The recently removed station facilities consisted of three gasoline USTs and associated product lines and dispensers, one used oil UST, and one heating oil UST. The site layout is shown on Figure 2.

QUARTERLY GROUNDWATER MONITORING

Prior to the abandonment of the groundwater monitoring wells on September 8, 1998, quarterly monitoring had been ongoing at the site since August 1997. Water levels have been measured at approximately 27 to 28-1/2 feet below ground surface (bgs). Blaine Tech Services, Inc. (Blaine) performed the quarterly sampling at the site. Gasoline range organics (GRO) have been reported at a maximum concentration of 14,800 micrograms per liter (µg/L) from a sample collected from MW-1 on August 27, 1997, and the highest concentration of benzene was reported at 3,520 µg/L in a sample collected from MW-3 on the same date.

WELL ABANDONMENT ACTIVITIES

On September 8, 1998, groundwater monitoring wells MW-1, MW-2, and MW-3 were properly abandoned prior to upgrade work at the site. These wells were abandoned because of their proximity to excavations associated with upgrade activities. The wells were abandoned by filling with bentonite clay from the bottoms of the wells (approximately 39 feet bgs) to grade and removing the well boxes. The abandonment of the wells by filling with bentonite clay was performed by Discovery Drilling of Anchorage, Alaska, a state-licensed well driller. Removal of the well boxes was performed by Pinnacle Construction of Anchorage, Alaska during their demolition activities associated with the station upgrade. Well abandonment was observed by a SECOR geologist.

REMOVAL OF USTs AND ASSOCIATED FACILITIES

Removal of the five USTs was performed by Pinnacle Construction, Inc. (Pinnacle) of Anchorage, Alaska. The three gasoline USTs were removed on September 11, 1998 and the used oil and heating oil USTs were removed on September 18, 1998. The USTs consisted of three gasoline USTs of 10,000-gallon capacity, one 1,000-gallon capacity used oil UST, and one 1,000-gallon capacity heating oil UST. The USTs were of single-walled steel construction. The USTs were in good condition at the time of removal with no visible cracks or holes, or evidence of leakage noted. Staining in the area of the fill ports of each of the USTs was noted. Field screening and sampling procedures are presented in Attachment A. The Alaska Department of Environmental Conservation (ADEC) Storage Tank Program Site Assessment and Release Investigation Summary Form is included as Attachment B. The Notification of Intent to Install or Re-configure USTs, Notification of Closure USTs, Notification of Post-Closure USTs, Closure Checklist, Profile Form/Bill of Lading for the residual gasoline and used oil, Certificate of Tank Cleaning, Certificate of Tank Disposal with Disposal Receipt are included as Attachment C.

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The USTs were disposed of the Municipality of Anchorage Regional Landfill in Eagle River, Alaska. The gasoline USTs were replaced with two double-walled fiberglass USTs (one 20,000-gallon capacity and one 15,000-gallon capacity). The heating oil tank will not be replaced. We understand that the used oil tank will be replaced with an above-ground vault. Upon completion of UST removal activities, the former UST pits were backfilled and a new pit was excavated near the northeast corner of the site.

Subsurface Conditions

Soils encountered during excavation consisted primarily of sand with gravel. Groundwater was not encountered in the excavations. Depth to groundwater has been measured in the former groundwater monitoring wells at approximately 27 to 28-1/2 feet bgs.

PID Field Screening

During excavation and UST removal activities, soil was screened in the field for the presence of organic vapors using a PID. PID screening results varied from nondetect up to 875 parts per million by volume (ppmv). These results provided a basis for selection of product line and stockpile samples collected and submitted for laboratory analysis. Product line screening results were nondetect. Stockpile results ranged up to 60 ppmv but were predominantly nondetect. UST results suggested hydrocarbon impact under the fill ports of two of the three gasoline USTs (T1 and T2). Field screening and sampling procedures are presented in Attachment A.

Excavation of Gasoline USTs and Soil Sampling

On September 11, 1998, SECOR collected two discrete soil samples from native soil beneath each of the three gasoline USTs (designated T1-F and T1-C through T3-F and T3-C). With the exception of the samples collected from beneath the fill ports for two of the gasoline tanks (T1-F and T2-F), no odor, staining, or other evidence suggestive of significant hydrocarbon impact was noted during excavation and sampling activities. Limited over-excavation in the areas of T1-F and T2-F was performed, removing approximately 50 cubic yards of impacted soil (characterized by samples S-5 and S-6). Soil sample locations are shown on Figure 2 and soil sample analytical results are shown on Table 1. The laboratory analytical methods, laboratory reports, and chain-of-custody documentation are presented as Attachment D.

Product Line Soil Sampling

On September 9, 1998, SECOR collected twelve discrete soil samples for field screening from beneath the former product lines. Samples were collected from at selected locations beneath the former product lines, primarily at locations of joints. No odor, staining, or other evidence suggestive of significant hydrocarbon impact was noted

during excavation and sampling activities. PID screening results were non-detect for all samples and therefore no soil samples from beneath the product lines were collected for laboratory analysis. Field screening and sampling procedures are presented in Attachment A. 0004

Dispenser Soil Sampling

On September 29, 1998, SECOR collected four discrete soil samples from native soil beneath former dispensers (designated D-1 through D-4). Though a total of nine dispensers were reported at the site, three were located above the USTs adjacent to the fill ports. Three dispensers (characterized by samples D-1 through D-3) were located between UST T1 and the former kiosk. Three dispensers (the middle of which was characterized by sample D-4) were located between USTs T2 and T3 on the north product island. During excavation and removal of USTs T2 and T3, significant caving of the soil between the two excavations precluded sampling beneath the other two dispensers. Soil which caved was characterized, along with other excavated soil, as stockpiled soil by samples S-1 through S-4. Faint hydrocarbon odor was noted in samples D-2 and D-3. No strong odor, staining, or other evidence suggestive of significant hydrocarbon impact was noted during excavation and sampling activities. Soil sample locations are shown on Figure 2 and soil sample analytical results are shown on Table 1. The laboratory analytical methods, laboratory reports, and chain-of-custody documentation are presented as Attachment D.

Excavation of Heating Oil and Used Oil USTs and Soil Sampling

On September 18, 1998, SECOR collected discrete bottom samples from native soil below the fill ports and centers of the former heating oil and used oil USTs. Faint odor and staining were noted in samples collected from beneath the fill ports of each of the USTs. The heating oil and used oil tank soil sample locations are shown on Figure 2 and the analytical results are summarized on Table 1. The laboratory analytical methods, laboratory reports, and chain-of-custody documentation are presented as Attachment D.

Stockpile Sampling

On September 8 through 11, 1998, Pinnacle Construction excavated approximately 250 cubic yards of soil from the former gasoline UST and product line excavations. SECOR personnel were onsite to observe excavation activities, field screen soil samples, and to collect soil samples from the stockpiled soil as necessary. Soil exhibiting significant staining or odor was separated into a separate pile. Twenty samples within the "cleaner" pile were field screened using a PID and were all non-detect. Based upon the field screening, six discrete samples (S-1 through S-6) were collected and analyzed for GRO, BTEX, and total lead. Samples S-1 ,S-2, and S-5 reported concentrations below Category A clean-up levels for all constituents (Table 2). Samples S-3, S-4, and S-6

reported concentrations above Category A clean-up levels for GRO and/or benzene and/or total BTEX (Table 2). 0005

On September 18, 1998, Pinnacle Construction excavated approximately 50 cubic yards of soil from the former heating oil/used oil UST excavation. SECOR personnel were onsite to observe excavation activities, field screen soil samples, and to collect soil samples from the stockpiled soil as necessary. Based upon the field screening, two discrete samples (OS-1 and OS-2) were collected and analyzed for GRO, BTEX, DRO, RRO, PCB, HVOC, and metals (cadmium, chromium, nickel, lead, and zinc). Both samples reported concentrations above Category A cleanup levels for DRO and one sample (O-2) also exceeded the Category A cleanup level for RRO (Table 2).

On September 21 and 22, 1998, Pinnacle Construction excavated approximately 650 cubic yards of soil from the northeast part of the property for the installation of two new gasoline USTs. SECOR personnel were onsite to observe excavation activities, field screen soil samples, and to collect soil samples from the stockpiled soil as necessary. No hydrocarbon odor or staining were noted in soil excavated from the new UST excavation. Sixty-five samples were field screened using a PID and were all nondetect. Based upon the field screening, fourteen discrete samples (SP-1 through SP-14) were collected and analyzed for GRO, and BTEX. All samples reported very low to non-detect levels for all constituents as shown on Table 2.

Based on the above field screening and laboratory results, and with approval of Mr. Clint Adler of ADEC, soil from the new UST excavation and approximately 100 cubic yards of the soil from the former facilities excavations was re-used onsite as backfill. The remaining excavated soil, approximately 150 cubic yards from the former gasoline facilities and approximately 50 cubic yards from the heating oil/used oil UST pit, with the approval of Clint Adler of ADEC, was transported to Alaska Soil Recycling (ASR) for contaminant destruction by thermal desorption.

SUMMARY OF FINDINGS

- Native soil at the site consisted predominantly of sand with gravel. Groundwater was not encountered and has been measured onsite at approximately 27 to 28-1/2 feet bgs.
- The ADEC Proposed Method Two Cleanup Standard for benzene (0.02 mg/kg) was exceeded in in-situ soil at one location (D-3 @ 2'), at a concentration of 0.294 mg/kg.
- The ADEC Proposed Method Two Cleanup Standard for GRO (300 mg/kg) was exceeded in in-situ soil at one location (T2-F), at depths of 13' (1,560 mg/kg) and 18' (1,740 mg/kg).

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- The ADEC Proposed Method Two Cleanup Standards for toluene (5 mg/kg), ethyl-benzene (6 mg/kg), and xylenes (69 mg/kg) were exceeded in in-situ soil at one location (T2-F), at depths of 13' and 18'. Concentrations reported at a depth of 13' included 40.1 mg/kg toluene, 22.3 mg/kg ethyl-benzene, and 510 mg/kg xylenes. Concentrations reported at a depth of 18' included 223 mg/kg toluene, 30.7 mg/kg ethyl-benzene, and 419 mg/kg xylenes.
- Analysis for total lead, as well as for cadmium, chromium, nickel, and zinc, reported concentrations suggestive of background levels.
- With the exception of a reported detection of 0.0656 mg/kg tetrachloroethane beneath the fill port of the former used oil tank (UO-F @ 9-1/2'), no PCB or HVOC analytes were reported. The concentration of tetrachloroethane at this location exceeded the ADEC Proposed Method Two Cleanup Standard of 0.02 mg/kg.
- Approximately 650 cubic yards from the new UST excavation, and 150 cubic yards from excavations associated with the former facilities, reporting nondetect to very low concentrations of hydrocarbons below Category A cleanup levels, were re-used as backfill onsite with the approval of Clint Adler of ADEC.
- Approximately 150 cubic yards of significantly impacted soil was removed from the site.

PROFESSIONAL CERTIFICATION

The findings presented in this report were based on field observations and certified reports provided by others. The data obtained is clear and accurate only to the degree implied by the sources and methods used. The information presented herewith was performed in accordance with generally accepted professional practices. No other warranty, expressed or implied, is made. SECOR International Incorporated staff has prepared this environmental site assessment report under the professional supervision of the below signed persons.

If there are any questions regarding the contents of this letter, please call us at (916) 364-1880.

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Sincerely,

SECOR International Incorporated

Roger Hoffmore
Project Geologist

Greg Barclay
Senior Geologist

Attachments:
- Table 1 - Soil Analytical Data - USTs and Product Dispensers
- Table 2 - Soil Analytical Data - Stockpiled Soil
- Figure 1 - Site Location Map
- Figure 2 - Site Map with Soil Sample Locations
- Attachment A - Field Screening and Soil Sampling Procedures
- Attachment B - ADEC Storage Tank Program Site Assessment and Release Investigation Summary Form
- Attachment C - Notification of Intent to Install or Re-Configure USTs
  - Notification of Closure USTs
  - MOA Demo Permit
  - Notification of Post-Closure USTs
  - Certificate of Tank Cleaning/Disposal with Bill of Lading
  - Scale tickets from disposal of petroleum contaminated soils
- Attachment D - Laboratory Analytical Methods, Reports, And Chain-of-Custody Documentation

cc: Mr. Bob Cochran, Chevron Products Company

Table 1
Soil Analytical Data
USTs and Product Dispenser Island

Chevron Service Station #9-6489
1304 Airport Heights Drive
Anchorage, Alaska

Sample Name	Sample Depth	Date Sampled	GRO (mg/kg)	DRO (mg/kg)	RRO (mg/kg)	Tetra-chloroethane (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	Total Lead (mg/kg)
T1-C	13	9/11/98	<5.0	NA	NA	NA	<0.05	0.14	<0.05	0.452	0.592	5.09
T1-F	13	9/11/98	137	NA	NA	NA	<0.5	3.12	<0.5	23.9	27.02	13.1
T2-F	13	9/11/98	1,560	NA	NA	NA	<2.5	40.1	22.3	510	572.4	4.54
T2-C	13	9/11/98	11.5	NA	NA	NA	<0.05	0.141	0.0846	2.69	2.9156	5.98
T3-F	13	9/11/98	<5.0	NA	NA	NA	<0.05	0.191	<0.05	0.829	1.02	4.27
T3-C	13	9/11/98	<5.0	NA	NA	NA	<0.05	0.149	<0.05	0.273	0.422	4.64
T1-F	16	9/11/98	<5.0	NA	NA	NA	<0.05	<0.05	<0.05	0.144	0.144	5.43
T2-F	18	9/11/98	1,740	NA	NA	NA	<10.0	223	30.7	419	672.7	4.73
UO-F	9.5	9/18/98	<5.0	14.4	73.9	0.0656	<0.05	<0.05	<0.05	<0.1	NR	NA
UO-C	9.5	9/18/98	<5.0	<4.0	<25.0	<0.05	<0.05	<0.05	<0.05	<0.1	NR	NA
HO-F	9.5	9/18/98	NA	NA	682	NA	NA	NA	NA	NA	NA	NA
HO-C	9.5	9/18/98	NA	NA	<25.0	NA	NA	NA	NA	NA	NA	NA
D-1	2	9/29/98	<5.0	NA	NA	NA	<0.05	0.0995	<0.05	0.227	0.3265	19.6
D-2	2	9/29/98	23.9	NA	NA	NA	<0.2	<0.2	<0.2	<0.4	NR	31.2
D-3	2	9/29/98	30.1	NA	NA	NA	0.294	2.23	0.423	3.44	6.387	26.2
D-4	2	9/29/98	<5.0	NA	NA	NA	<0.05	0.0728	<0.05	<0.1	0.0728	7.12
Proposed Method Two Cleanup Standards*			300	250	11,000	0.01	0.02	5	6	69	--	1000**

Note: UO and HO samples were analyzed for PCB's using Alaska Method 8082 and were reported as non-detect. The same samples were for Halogenated Volatile Organics Compounds using EPA Method 8021 B Modified, and were reported as non-detect, except Tetrachloroethane (at a concentration of 0.0656 ug/l in sample UO-F @ 9.5').
UO samples were also analyzed for Total Metals by EPA 6000/7000 Series Methods. See certified laboratory reports for results.

HO = Sample collected from beneath heating oil UST location.
UO = Sample collected from beneath used oil UST location.
T = Sample collected from beneath gasoline UST location.
D = Sample collected from beneath dispenser island.
GRO = Gasoline Range Organics by Alaska Method 101
DRO = Diesel Range Organics by Alaska Method 102
RRO = Residual Range Organics by Alaska Method 103
NA = Not Analyzed
mg/kg = milligrams per kilogram
* = Strictest Levels (Migration to Groundwater) in Under 40" Zone
** = The commercial or industrial lead cleanup standard. (The residential soil cleanup standard is 400 mg/kg.)

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file: projects/037x9x6489/table 1

3/3/99

Table 2
Soil Analytical Data
Stockpiled Soil

Chevron Service Station #9-6489
1304 Airport Heights Drive
Anchorage, Alaska

Sample Name	Date Sampled	GRO (mg/kg)	DRO (mg/kg)	RRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	Total Lead (mg/kg)
S-1	9/11/98	ND	NA	NA	0.0565	0.283	0.094	0.548	0.9815	21.30
S-2	9/11/98	ND	NA	NA	0.0744	0.0991	0.0591	0.382	0.6146	8.46
S-3	9/11/98	12.6	NA	NA	0.102	1.04	0.467	2.84	4.449	12.80
S-4	9/11/98	51.8	NA	NA	0.866	5.18	1.65	9.05	16.746	8.26
S-5	9/11/98	31.5	NA	NA	<0.0500	0.273	0.118	3.79	4.181	26.90
S-6	9/11/98	702	NA	NA	<1.25	23.5	9.55	212	245.05	10.90
SP-1	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	12.30
SP-2	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	5.88
SP-3	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	5.69
SP-4	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	5.86
SP-5	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	18.70
SP-6	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	17.30
SP-7	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	15.70
SP-8	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	22.10
SP-9	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	8.03
SP-10	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	6.06
SP-11	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	7.20
SP-12	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	0.10	0.10	4.71
SP-13	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	22.20
SP-14	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	6.70
OS-1	9/18/98	<5.0	538	1,810	<0.0500	<0.0500	<0.0500	<0.100	0	NA
OS-2	9/18/98	<5.0	524	2,290	<0.0500	<0.0500	<0.0500	<0.100	0	NA
DUP-1	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	7.22
DUP-2	9/22/98	<5.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.100	0	6.40

Note: OS samples were also analyzed for HVOCs by EPA Method 8021 B Modified and PCB's by EPA Method 8082. Please refer to the certified laboratory reports for results
GRO = Gasoline Range Organics by Alaska Method 101
DRO = Diesel Range Organics by Alaska Method 102
RRO = Residual Range Hydrocarbons by Alaska Method 103
S and SP = Samples collected from stockpiled soil from the UST, dispenser, and product line excavations
OS = Samples collected from used oil and heating oil tank stockpiled soil
NA = Not Analyzed
mg/kg = milligrams per kilogram

REFERENCE: U.S. GEOLOGICAL SURVEY, 7.5 MINUTE SERIES ANCHORAGE (A-8) NW, ALASKA QUADRANGLE. PHOTOREVISED 1994.

-0010

NORTH

SCALE 0 2000 4000 FEET

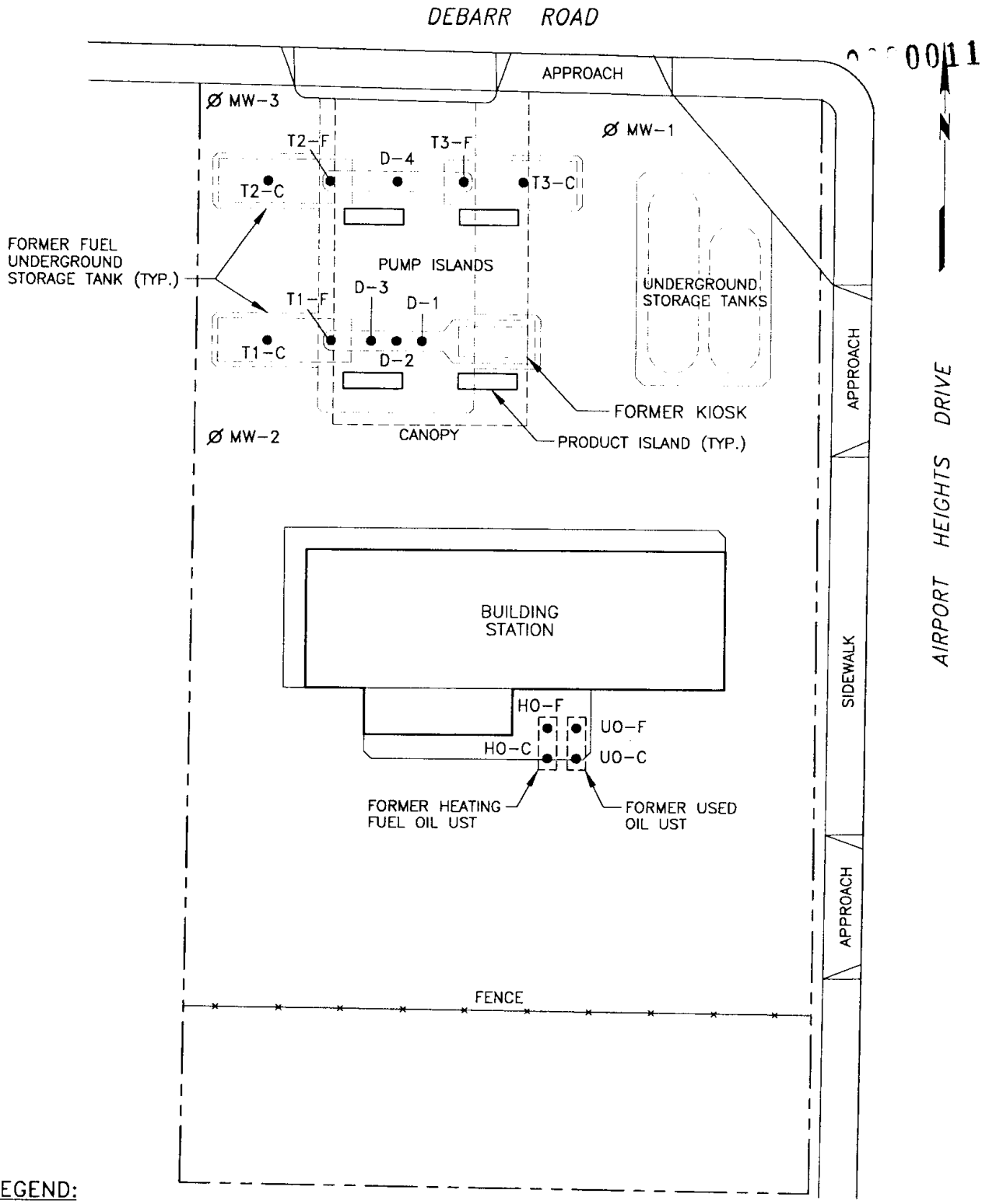
SECOR
INTERNATIONAL
INCORPORATED

DRAWN	CCR
APPR	RH
DATE	24AUG98
JOB NO.	7G007-037-02

FIGURE 1
CHEVRON SERVICE STATION 9-6489
1304 AIRPORT HEIGHTS DRIVE
ANCHORAGE, ALASKA

SITE LOCATION MAP

199801.281440 E:\SITE-LOC



LEGEND:

Ø MW-1	FORMER GROUNDWATER MONITORING WELL
— — — —	APPROXIMATE PROPERTY BOUNDARY
● HO-F	FORMER HEATING OIL UST SAMPLE LOCATION
● UO-F	FORMER USED OIL UST SAMPLE LOCATION
● T1-C	FORMER GASOLINE UST SAMPLE LOCATION
● D-1	FORMER DISPENSER ISLAND SAMPLE LOCATION

0 60 120
APPROXIMATE SCALE FEET

REFERENCE: THIS FIGURE IS BASED ON A "SITE PLAN" PROVIDED BY RRM ENGINEERING CONTRACTING FIRM, AND IS INTENDED FOR ILLUSTRATION ONLY.

SECOR
INTERNATIONAL INCORPORATED

DRAWN	CCR
APPR	RH
DATE	24AUG98
JOB NO.	7G007-037-02

FIGURE 2
CHEVRON SERVICE STATION 9-6489
1304 AIRPORT HEIGHTS DRIVE
ANCHORAGE, ALASKA

SITE PLAN WITH SOIL SAMPLE LOCATIONS

199808.241812 X:\SACTO\CHEVRON\96489\SITEPLAN

ATTACHMENT A

FIELD SCREENING AND SOIL SAMPLING PROCEDURES

ATTACHMENT A
FIELD SCREENING AND SAMPLING PROCEDURES

Field Screening Procedures

Soil samples were screened in the field for ionizable organic compounds using a Mini-Rae photo-ionization detector (PID) with a 10.2 eV lamp. The test procedure involves measuring approximately 30 grams from an undisturbed soil sample, and placing this subsample in a ziplock type bag. After the soil was allowed to equilibrate for approximately 20 minutes, the probe tip of the PID was inserted into the head space of the bag. The highest measured concentrations of ionizable organic compounds within the head space of the bag was recorded in the field notes (Attachment B). PID readings are useful for indicating relative levels of contamination, but cannot be used to evaluate hydrocarbon levels with the confidence of laboratory analyses.

Soil Sampling Procedures

Discrete soil samples were collected during excavation activities directly from the excavator bucket. Soil stockpile samples were collected by filling a laboratory-supplied glass jar with soil after removing approximately 6 inches to 1 foot of surface material in the sample location. In soil that had been stockpiled for more than several hours prior to sample collection, approximately 18 inches of surface material was removed in the sample location prior to the collection of the sample. The sample jars were capped with Teflon lids, sealed in resealable bags, and placed on ice for transport to the laboratory accompanied by the appropriate chain-of-custody documentation. Methanol was added in the field to the soil samples analyzed by Method AK 101.

ATTACHMENT B

ADEC STORAGE TANK PROGRAM SITE ASSESSMENT AND RELEASE INVESTIGATION SUMMARY FORM

APPENDIX B
ADEC Storage Tank Program
Site Assessment and Release Investigation Summary Form

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This document summarizes information from site assessments and release investigation reports that are required by Alaska's Underground Storage Tanks Regulations (18 AAC 78). It is intended to ensure minimum requirements are met when submitting full reports to ADEC. It cannot be substituted for comprehensive site assessment or release investigation reports. Site assessments (as defined in AS 46.03.450) are conducted to check for the presence or absence of petroleum contamination. If contamination of soil or groundwater is identified then a release investigation is required. Site assessments and release investigations must be conducted by a qualified impartial third party (as defined in 18 AAC 78) and in accordance with chapter two of the Underground Storage Tanks Procedures Manual (UST Manual).

How to fill out this form
Type or print in ink the requested information and sign in ink the "signature" blocks on page 7. Please attach this form to the comprehensive site assessment or release investigation report (or include it in the report introduction) and submit it to the nearest ADEC field operations office (Juneau, Anchorage, Fairbanks or Soldotna).

1. General Information

Purpose of Site assessment/ Release investigation: Facility Upgrade - UST replacements & closures
(Closure, Change-in-service, Suspected or confirmed release, Compliance check, Other)

Owner of site: Chevron Products Company 925-842-9655
Name of company/legal entity that owns the site / Phone number

P.O. Box 6004, San Ramon CA 94583
Mailing address / City, State, Zip code

Operator of site: Chevron Products Company 925-842-9655
Name of company/legal entity that operates the site / Phone number

P.O. Box 6004, San Ramon CA 94583
Mailing address of operator / City, State, Zip code

Location of site: Chevron 9-6489 (a.k.a. Triple A Chevron) 907-277-0723
Name of site (e.g. John Doe's Service Station) / Phone number

1304 Airport Heights Drive, Anchorage AK 99508
Physical address of site (be as specific as possible) / City, State, Zip code

Subdiv. Saxton, Lot 14A, Block 1
Legal description of site

_____
Section/township/range

Retail Service Station
Type of business at site

_____
Facility ID # / Tank ID number(s)

Financial Assistance Applications filed (this site only)
☐ Site assessment/ tightness test ☐ Tank cleanup ☐ Tank upgrade ☐ Tank closure

Reports on file with ADEC:
☐ Tightness test ☐ Closure notice ☐ Other_____

2. System and tank status

Describe the status, size, and contents of the tanks that have been at the site: 0016

Tank ID Number:	Tank No. AH-01	Tank No. AH-02	Tank No. AH-03	Tank No. AH-04	Tank No. AH-05
Tank status (check one)					
Currently in use					
Temporarily closure					
Closed/left in place					
Closed/removed	X	X	X	X	X
Total capacity (gallons)	10,000	10,000	5,000	500	500
Contents (diesel, etc)	gasoline	gasoline	gasoline	heating fuel	used oil

3. Firm conducting site assessment and release investigation

SECOR International Incorporated
Name of firm

916-364-1880
Phone number

9912 Business Park Drive, Ste. #100
Mailing address

Sacramento, CA 95827
City, State, Zip code

Roger Hoffmore
Site assessment supervisor(s)

Roger Hoffmore
Person(s) collecting samples

4. Site history

Based on the best available knowledge, please check the appropriate box below:

Y	N	
X		Was soil contamination observed or identified?
	X	Was groundwater contamination observed or identified? (previously identified)
		Did inventory control or prior tank repairs indicate a possible release?
		Has a tank tightness test been performed on any USTs on the site?
		Have any of the facility's USTs or piping ever failed a tightness test?
X		Have there been any previous site assessments performed at this site?
X		Do previous site assessments indicate any contamination has occurred?

If the answer to any of these questions is yes, please describe (or attach copy of report discussion). Give dates and circumstances, use continuation sheet if necessary:

Groundwater historically monitored (3 wells abandoned in Sept. '98). GRO and benzene reported at maximum concentrations of 14,800 µg/l and 3,520 µg/l, respectively, on August 27, 1997.

5. Field screening analysis

Date(s) of field screening: 9/11, 9/18, 9/22, 9/29/98 Temperature(s) during screening: 40-55 0017
Estimated wind speeds: 0-10 mph Weather (clear, raining, etc): clear – light rain
Type of field detection instrument used: PID – Mini Rae
Brand: Mini-Rae Model: _____ Date calibrated: 9/11/98, 9/18/98, 9/22/98, 9/29/98
Number of tests: _____ Range of results: _____
If an instrument wasn't used, what field detection method was used? _____
Number of tests: _____ Range of results: _____

6. Collection of soil samples

For site assessments done for USTs remaining in place

Check the appropriate boxes below (if not applicable, leave blank):

Y	N	
__	__	Were samples taken from borings (or test pits) within 5 feet of the UST?
__	__	Were samples collected from within 2 feet below the bottom of the UST?
__	__	Were dispensers connected to the UST system?
__	__	Were samples taken from borings (or test pits) adjacent to dispensers?
__	__	Were samples taken from borings (or test pits) adjacent to piping?

How many borings/pits were made? _____ How many samples were analyzed? _____

For site assessments done at excavation and removal of USTs:

Check the appropriate boxes below (if not applicable, leave blank):

Y	N	
X	__	Were any areas of obvious contamination identified or observed?
X	__	Were samples taken from areas of obvious contamination?
X	__	Were at least two discrete analytical samples taken from excavated pit area?
X	__	Was at least one sample taken from below each dispensing island's piping?
__	X	Was at least one sample taken from the piping trench? all field screening NA for trenches
X	__	Were the samples referenced above collected taken from native soil within two feet below the bottom of the tank pit or dispenser/piping trench?
X	__	If multiple tanks were removed, were at least three samples collected?
__	__	Were additional samples collected for each 250 square feet of excavated pit over 250 square feet?

Number of distinct points sampled: 16 Estimated excavation's surface area: _____
↑ not including stockpiles

For all site assessments

Check the appropriate boxes below:

Y	N	
X	__	Were field duplicate samples collected and analyzed?
X	__	Were all samples kept at the appropriate temperature until analysis?
X	__	Were all samples extracted & analyzed within recommended holding times?
X	__	Did chain-of-custody/transfer logs accompany samples to laboratory?

7. Laboratory analysis of soil samples

(see Table 1 of UST Procedures Manual or Table G of 18 AAC 78.800(b))

Identify the possible contaminants (gasoline, BTEX, diesel, etc.): gasoline, BTEX, possible used oil constituents including diesel, oil, Halogenated volatile organics, metals

Please list the analytical methods used to detect these contaminants in the soil samples, the number of samples analyzed by each method, and the range of results for each method:

0018

Possible product	Analytical method	Number of samples	Range of results	Location(s) of sample point(s) w/ highest level of contamination
gasoline	AK101	14	ND – 1740 ppm	"T2-F" under fill port end of NW UST
BTEX	EPA 8020	14	ND - 0.294 (benzene)	"D-3" under dispenser on south product & hand
diesel	AK102	2	ND - 14.4 ppm	"UO-F" under used oil fill port
oil & grease	AK 103	4	ND - 682 ppm	"HO-F" under fill port of heating oil UST
HVOC's	EPA 8021B	2	ND to 0.0656 ppm (Tetrachloroethene)	"UO-F" " " " " used oil UST
metals	EPA 6000/7000 series	2 for 5 metals, 12 for lead only	ND - 31.2 ppm lead (all background levels)	"D-2"

8. Groundwater investigation

Check the appropriate boxes below:

Y	N	
__	X	Was groundwater encountered during the excavation or drilling work?
__	__	Were borings drilled/pits dug at least five feet below the USTs bottom?
__	X	Is groundwater or seasonal high water table known or suspected to exist within five feet of the bottom of the USTs?
__	X	Were samples taken from borings drilled/test pits dug to this water level?
NA	__	Were all these samples analyzed within recommended holding times?

How many groundwater/saturated-soil samples were collected & analyzed? Ø

How many of these samples were taken from the top 6" of water table? _____

How many field QC samples were analyzed? _____ (Trip blanks) _____ (Duplicates) _____ (Decon blanks)

9. Laboratory analysis of water samples

(see Table 1 of UST Procedures Manual or Table G of 18 AAC 78.800(b))

Identify the possible contaminants at the site: NA

Identify the analytical methods used to detect these contaminants in the water samples, the number of samples analyzed by each method, and the range of results for each method:

Analytical method	Number of samples	Range of results (ppm)	Location(s) of sample point with highest level of contamination

10. Disposal of material — See Appendix C

Check the appropriate boxes below (if not applicable, leave blank): See Attachment C

Y	N	
__	__	Were tanks cleaned in accordance with API 2015 (Cleaning Petroleum Storage Tanks)?
__	__	Were the tanks and piping removed and disposed in accordance with API 1604 (Removal and disposal of used petroleum Storage tanks)?

0019

Where were the tanks and piping disposed?_____

_____

Where was the tank sludge and rinsewater disposed?_____

11. Stockpiles

Check the appropriate boxes below:

Y	N	
__	X	Is any soil stockpiled at the site?
__	__	Are soils stockpiled in accordance with 18 AAC 78.311?

12. Release investigation

Check the appropriate box below:

Y	N	
X	__	Was any petroleum contamination identified during site assessment? (Answer "yes" if any evidence a release occurred; if no, proceed to item 13)

If contamination was found, what was matrix score for site? _____
(Attach completed matrix score sheet to this form)

When did release occur? unknown (Date & time) When was release confirmed? _____ (Date & time)

When was ADEC notified? _____ (Date & time) List ADEC staff notified: _____ (Name)

What is status of UST that prompted the investigation?

____	_____	_____	X
In use	Out-of-use, product still in system	Out-of-use: system empty	Permanently closed

Briefly describe (or attach copy of report discussion) the steps taken to prevent further migration of the release and steps taken to monitor and mitigate fire and safety hazards: remaining soil impact is residual – no petroleum hydrocarbon saturated soils observed – source removed

13. Site sketch see figure 2

Sketch the site in the space below. Alternatively, attach a site map to the back of the form. The sketch (or accompanying narrative) should include the following information:

0020

- locations of all USTs, piping, and dispensers
- distances from tanks to nearby structures
- property line locations
- location and dimensions of excavation(s)
- type of backfill used to surround system
- locations of any known historical releases
- locations of any observed contamination
- location of any boreholes and test pits
- soil types
- field screening locations and readings
- sampling locations, depths, & sample ID numbers – see also Tables 1+2
- water wells and monitoring wells (if present)
- depth to groundwater/seasonal high groundwater
- locations of any stockpiled soils
- north arrow
- bar scale (specify feet or meters)

For release investigations, in addition to the above information, show the groundwater gradient; surface drainages (including potential hydraulic connections with groundwater) and utility trenches.

14. Quality assurance

Check the appropriate boxes below:

Y	N	
—	X	Were there deviations from Chapter 2 of the UST Procedures Manual? (Note that any deviations must be documented in a section of the comprehensive report)
—	X	Is a field quality control summary included in the reports?
X	—	Is a laboratory QC summary included in the report for all samples used to verify cleanup levels have been met?

0021

15. Certification

The following certification is to be signed by the assessment firm's principal investigator or Quality Assurance Officer:

I certify that except as specifically noted in this report, all statements and data appearing in this report are in conformance with the provisions of Chapter 2 of the UST Procedures Manual.

Roger Hoffmore (Print name) — Project Geologist (w/SECOR Int'l, Inc.) (Title)

Roger Hoffmore (Signature) — 1/21/99 (Date)

The following certification is to be signed by the UST owner/operator (or designated representative):

I certify that I have personally examined and am familiar with the information in this and all attached documents and based on my inquiry of the individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Roger Hoffmore w/ SECOR International Inc. (Print name) — representative of UST owner (Specify if owner, operator, representative)

Roger Hoffmore (Signature) — 1/21/99 (Date)

9912 Business Park Drive, Ste. 100 (Street Address) — Sacramento, CA 95827 (City, State, Zip)

16. Attachments

Please check the boxes showing any comprehensive reports attached to this summary:

____ Site Assessment Report (include if no release investigation is needed)

____ Release Investigation Report (include if release investigation is needed)

ATTACHMENT C

NOTIFICATION OF INTENT TO INSTALL OR RE-CONFIGURE UNDERGROUND STORAGE TANKS

NOTIFICATION OF CLOSURE UNDERGROUND STORAGE TANKS

MOA DEMO PERMIT

NOTIFICATION OF POST-CLOSURE UNDERGROUND STORAGE TANKS

CERTIFICATE OF TANK CLEANING/DISPOSAL WITH BILL OF LADING

SCALE TICKETS FROM DISPOSAL OF PETROLEUM CONTAMINATED SOIL

December 23, 1998

0023

Mr. Roger Hoffmore
SECOR International Incorporated
9912 Business Park Drive, Suite 100
Sacramento, CA 95827

RE: CUSA #9-6489
1304 Airport Heights Dr.
Anchorage, AK 99508

Dear Roger:

The following documents are included for your use in preparing the site assessment report for the above referenced site:

- Notification of Intent to Install or Re-Configure Underground Storage Tanks, as submitted on 8-26-98.
- Notification of Closure Underground Storage Tanks, as submitted on 8-26-98.
- MOA Demo Permit #98-5849.
- Notification of Post-Closure Underground Storage Tanks, as submitted on 12-18-98.
- Certificate of Tank Cleaning/Disposal with Bill of Lading for each of the five UST's.
- Scale tickets from disposal of petroleum contaminated soils: Gasoline = 280.20tn (9/17/98) & Used Oil = 89.64tn (10/7/98).

Please let me know if I can be of further assistance. Thank you.

Sincerely,

James Cazort
Pinnacle Construction, Inc.

Enclosures

c. Bob Cochran w/o attachments
c. Larry Wallace w/o attachments

Pinnacle Construction, Inc.
2410 Azurite Ct., Suite B
Anchorage, AK 99507
Phone (907) 522-0040 Fax (907) 522-0041
Our business is building!

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NOTIFICATION OF INTENT TO INSTALL OR RE-CONFIGURE UNDERGROUND STORAGE TANKS

FAXED 8-26-98

Notice of intent to install or change configuration of a UST is required at least 15 days but no later than 60 days prior to the beginning of installation or change in configuration. See 18 AAC 78.025 (b), and 18 AAC 78.035. "Significant reconfiguration" means to replace or realign piping or adding or retrofitting cathodic protection, lining spill or overfill controls to any part of a UST system. See 18 AAC 78.995 (91).

Facility - Location **(Do not Use P.O Box)**

Name Triple A Chevron
Address 1304 Airport Heights Dr.
City Anchorage
State/Zip Alaska 99508
Phone (907) 277-0723
Fax

Tank Owner

0024

Name Same as Facility
Address
City
State/Zip
Phone
Fax

ADEC Facility ID #: unknown (Existing Facility Only)

Date of Installation/Reconfiguration: ≈ 9-17-98

Alaska Statute 46.03.375 requires those who supervise a UST installation, repair, upgrade, or reconfiguration be certified by the State of Alaska for Installation.

No later than 30 days after installation or return to service, the owner/operator and tank installer must submit a completed and signed tank registration form, along with all applicable registration fees, to ADEC.

Name of certified person to perform work Steve Pahl UST Worker License # 387

Is there a leak/spill at this site? unknown (if so, please notify the closest ADEC office)

Have you contacted the local fire department of your intent to install the tank(s)? Permitting via MOA

Is there a Class A or B public drinking water source within 100 feet of proposed tank location? unknown
Is there a Class C public drinking water source within 75 feet of proposed tank location? unknown

Installing: (Please check) [X] Tanks and Piping [ ] Tanks Only [ ] Piping Only

Number of tanks: 2

Reconfiguring (Please check) [ ] Tanks and Piping [ ] Tanks Only [ ] Piping Only

Adding or Retrofitting: (Check all that apply)
[ ] Release Detection (Type)
[ ] Cathodic Protection (Type)
[ ] Lining (tank only)
[ ] Spill/Overfill Controls (tank only)

Notice Submitted By: [ ] Owner [ ] Operator [X] Other Contractor

James Cazort — *(Please print name)*
Project Manager — *(Title)*
James Cazort — *(Signature)*
8-26-98 — *(Date)*

Return Completed Form to:

ADEC, Storage Tank Program
555 Cordova Street
Anchorage, AK 99501
FAX # (907) 269-7507

QUESTIONS? CALL TOLL-FREE 1-800-478-4974

18-0507 (11/95)

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NOTIFICATION OF CLOSURE UNDERGROUND STORAGE TANKS

FAXED 8-26-98

Notice of Closure is required for any tank and/or piping removed, closed in-ground, or changed in service. See 18 AAC 78.085 (a). "Change in service" means to change the use of a UST from containing a regulated substance to a non-regulated substance (such as heating oil).

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

Name Triple A Chevron
Address 1304 Airport Heights Dr.
City Anchorage
State/Zip Alaska 99508
Phone/Fax (907) 277-0723

Tank Owner

Name Chevron Products Co. 0025
Address P.O. Box 5004
City San Ramon
State/Zip CA 94583
Phone/Fax P (510) 842-9002
F (925) 842-9591

Facility ID Number: Unknown
Scheduled Date for Closure: 9-9-98 or 9-10-98

This form MUST be completed and sent to ADEC at the address listed below 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 by the State of Alaska for Decommissioning.

A UST with a confirmed release must be permanently removed from the ground. In-place closure or change in service is not allowed.

A Site Assessment or Release Investigation in accordance with 18 AAC 78.090 must be performed at time of closure by an impartial third party using "Qualified" persons under a Standard Sampling Procedures Manual (SSPM).

Person to Perform Closure Steve Pohl UST Worker License # 387

Person and Company to Perform Site Assessment or Release Investigation: Roger Hoffmore Secor Environmental

Is the Person "Qualified" and on file with ADEC? Yes

Method of Closure: Removal X
In-ground ____ (If so, See Discussion on Reverse Side)
Change in Service ____ (If so, what is new fuel usage? ____)

Is there a leak/spill at this site? Unknown (if so, please notify the closest ADEC office)

Have you contacted the local fire department of your intent to close the tank(s)? Permitting via MOA

Where are the tank, piping, equipment, and sludge to be disposed? Alaska Metal Recycling for steel; sludge via Alaska Pollution Control

Closure for (please check): [X] **Tanks and Piping** [ ] **Tanks only** [ ] **Piping only**

Tank Number	Tank Age	Tank Size	Last Product Stored	Date Last Used
Unknown	Unknown	10,000	Gasoline	currently in use
Unknown		10,000	Gasoline	
Unknown		5,000	Gasoline	
Unknown		500	Heating Oil	
Unknown		500	Used Oil	

Closure Notice Submitted By: [ ] **Owner** [ ] **Operator** [X] **Other** Contractor

James Cazort — Project Manager
(Please print name) *(Title)*

James Cazort — 8-26-98
(Signature) *(Date)*

Return Completed Form to: ADEC, Storage Tank Program
555 Cordova Street
Anchorage, AK 99501
FAX # (907) 269-7507

COMMERCIAL PERMIT APPLICATION

Permit Number: 98- -5849

Tax Code Number: 004-113-01

MUNICIPALITY OF ANCHORAGE
BUILDING SAFETY DIVISION
3500 EAST TUDOR ROAD
Telephone (907) 343-8211
Inspection Request Line (907) 563-3464
Inspection Fax Line (907) 343-8235

0026

Subdivision: SAXTON

Lot/Space: 14A **Block:** 1 **Tract:**

Site Address: 1314 AIRPORT HEIGHTS DR

Owner: TRIPLE A SERVICE INC **Phone No:** ( ) -

Contractor: PINNACLE CONSTRUCTION, INC. **Phone No:** (907)522-0040

Architect: DEAN CO **Phone No:** ( ) -

Type of Work: DEMO **Proposed Use:** SERVICE STATION

Work Description: demo of interior non-structural walls, underground storage tanks & lines, kiosk and canopy along w/ surface paving /td

Total Construction Valuation of Work: $.00

Permit Fee:	$25.00	Date Paid:	09/04/98
Plan Review Fee:	$.00	Payment Type:	MASTER CARD
Fire Review Fee:	$.00	Receipt No:	
Address Fee:	$.00		
Other:	$.00		
Total:	$25.00		

TO INSURE THAT YOUR PERMIT REMAINS ACTIVE, CALL FOR AN INSPECTION AT LEAST ONCE EVERY 360 DAYS. PER MUNICIPAL CODE, ALL REFUNDS ON CANCELLED PROJECTS MUST BE REQUESTED IN WRITING NO LATER THAN 360 DAYS AFTER DATE OF FEE PAYMENT. LAND USE PERMITS VALID FOR 180 DAYS TO COMMENCE CONSTRUCTION

The owner of this building and the undersigned agree to conform to all applicable laws of this jurisdiction.

PRINTED NAME: James Cazort for Pinnacle Construction Inc.

SIGNATURE: James Cazort DATE: 09/04/98

This is an application only. This is not your permit to begin construction. There may be additional fees for site review and landscaping review. Permits are required for plumbing, mechanical, electrical, elevator, and fire systems.

PHONE
343-8315
343-8328

MUNICIPALITY OF ANCHORAGE
Building Inspection Division

3500 Tudor Road

DEMOLITION PERMIT

PERMIT NUMBER: 98- -5849

Date: 09/04/98

0027

Street address where demolition will be performed: 1314 AIRPORT HEIGHTS DR			
Lot: 14A	Block: 1	Subdivision: SAXTON	Owner of structure to be demolished: TRIPLE A SERVICE INC
Owner's Mailing Address: Airport Heights Chevron			Owner's Phone: ( ) -
Name of Contractor who will do the job: PINNACLE CONSTRUCTION			Contractor's Phone: ( ) -
Contractor's Mailing Address			

TYPE OF STRUCTURE

Single Dwelling ☐ Duplex ☐ Multiple Dwelling ☐ Retail Store ☑ Cabin ☐ Warehouse ☐

CONDITIONS OF THE DEMOLITION

a. It is understood that the work to be accomplished under the permit is to be completed and not to exceed 180 days from the date of this permit.

b. The time period for which the permit is valid, however, shall not preclude the Building Inspector from requiring, the completion of the work within such shorter period of time as he may designate in the event a health, safety, or building hazard is sound to exist.

c. The Building Inspector has specified in this case, and the Permittee agrees, the the work to be done under this permit is to be completed by: 11/5/98

d. Failure to complete the work within the period of time designated under conditions noted in paragraph "b" above may result in summary condemnation by Municipality of Anchorage or criminal prosecution for maintenance of a nuisance.

e. Concrete may be buried on site, (no piece may be larger than 12 inches in diameter) Such materials location to be designated on rough plot along with utility termination information and submitted to Code Enforcement and Abatement Section. Standard of compliance in demolition is to leave the premises in a clean level nuisance free condition.

f. Be aware that the structure you are demolishing may contain hazardous material e.g. asbestos. Removal of such material by Federal and State Law require special handling and proper disposal. If you identify any as existing in the structure you are demolishing contact the State Department of Environmental Conservation and the Occupational Safety and Health Department for guidance and instructions for handling and disposal. **NOTE: ALL DEMOLITION MATERIAL TO BE DISPOSED OF AT AN APPROVED SITE.**

g. Contact all utilities e.g. gas, water, sewer, or electric to shut off service and disconnect.
   1. Water-Service to be disconnected at the main line.
   2. Sewer-Service to be disconnected at the property line.
   NOTE: A SERVICE DISCONNECT PERMIT IS REQUIRED FOR EACH UTILITY.
   3. An AWWU Inspector shall observe the operation to insure quality.

h. The permitee wil notify the Building Inspector when the completed job is ready for final inspection and submit rough plot plan showing any buried materials and termination point for utility service cut-offs.

Issued by: DEITZ, TERESA E.	Permittee's Signature: James Cayot for Pinnacle Const.		
Site Inspected by:			
Inspector's Remarks			

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NOTIFICATION OF POST-CLOSURE
UNDERGROUND STORAGE TANKS

STORAGE [redacted] 0028

Post-Closure information is required 30 days after UST closure or change in service. See 18 AAC 78.085 (f).
The Owner/Operator or his/her representative must fill out and sign Page 1.
The Certified worker who performed or supervised the closure must fill out and sign Page 2.

FAXED 12-19-98

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

Name Airport Heights Chevron
Address 1304 Airport HTS.
City Anchorage
State/Zip AK 99501
Phone/Fax (907) 277-0723

Tank Owner

Name Chevron USA
Address P.O. Box 6004
City San Ramon
City/State CA 94583
Phone/Fax (925) 842-9500

Facility ID #_____

TANKS REMOVED OR CLOSED IN-GROUND

Tank#	Tank Size	Removed or Closed In-ground	Date Product Last Stored	Contamination Found?
1	10,000	Removed	9/7/98	Yes
2	10,000	Removed	9/7/98	
3	5,000	Removed	9/7/98	
4	500	Removed	9/7/98	
5	500	Removed	9/7/98	

CLOSURE:

Performed By: (Person) Steve Pohl **(Company)** Pinnacle **(UST License #)** 387

Date Completed: 9/18/98 (last tank removed) 10/7/98 Last PCS exported to ASR 12/98 Replacement Completed

PERSON WHO PERFORMED/SUPERVISED CLOSURE MUST FILL OUT BACK PAGE.

SITE ASSESSMENT/RELEASE INVESTIGATION:

Performed by:
(Person) Roger Hoffmire **(Company)** SECOR

SITE ASSESSMENT REPORT MUST BE SUBMITTED TO LOCAL ADEC OFFICE WITH 60 DAYS AFTER CLOSURE. RELEASE INVESTIGATION REPORT MUST BE SUBMITTED TO ADEC WITHIN 45 DAYS AFTER CLOSURE.

Was the closed tank replaced by a new UST? Yes X No_____
If yes, please submit a new Registration form containing information on the new tanks.

Submitted by: [ ] **Owner** [ ] **Operator** [X] **Other** Contractor

James Cuzort — General Manager
(Please Print Name) *(Title)*

James Cuzort — 12-18-98
(Signature) *(Date)*

Return Completed Form to: ADEC, Storage Tank Program
555 Cordova Street
Anchorage, AK 99501
FAX # (907) 269-7507

18-0505 (Rev. 11/95)

Certified persons who perform or supervise UST closure must complete and sign this checklist.
(18 AAC.78.455 (a)(8))

Tank Removal

0029

SP Notified ADEC Office 15 - 60 days prior to beginning permanent closure.

SP Notified applicable local government and fire department.

SP Emptied and clean tank by removing liquids and accumulated sludges.*

SP Purged or inert the tank of flammable vapors.*

SP Removed piping and plug or cap all accessible holes except vent line.*

SP Removed and dispose of tank(s) properly.*

_____ Submitted Post Closure Notice to ADEC within 30 days after completion of Closure.

In-ground Closure/Change in Service

_____ Notified ADEC Office 15 - 60 days prior to beginning permanent closure.

_____ Notified applicable local government and fire department.

_____ Emptied and clean tank by removing liquids and accumulated sludges.*

_____ Removed piping and plug or cap all accessible holes except for vent line.*

_____ Purged the tank of flammable vapors.*

_____ Filled the tank as full as possible with sand or other inert material.*

_____ Removed and cap the vent line.*

_____ Submitted Post Closure Notice to ADEC within 30 days after completion of Closure.

* **Must be performed or supervised by a person certified in UST Decommissioning in Alaska.**

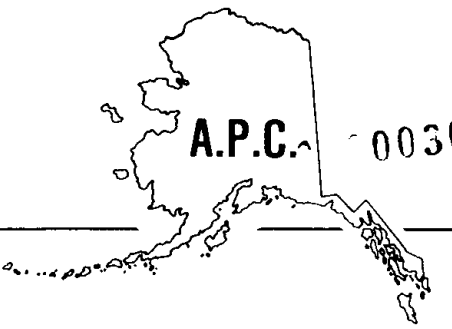
Person who performed or supervised UST work:

Steven Pohl	UST Worker	387
(Please Print Name)	*(Title)*	*(UST Worker License #)*
Steven A. Pohl	12/15/95	
(Signature)	*(Date)*	

All releases/contamination 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 at 1-800-478-4974.

Alaska Pollution Control, Inc.

RECYCLING ALASKA'S PETROLEUM PRODUCTS



CERTIFICATE OF CLEANING

This is to certify that on November 7, 1998 a 10,000 gallon Fuel Tank received from Pinnacle Construction on Bill of Lading No. B-15976 designated AH-01 was cleaned and rendered useless at the Alaska Pollution Control, Inc. Springer facility. All residual Petroleum product is recycled at the Chemron Alaska facility, Water is processed at the Alaska Pollution Control Wastewater treatment facility and all Metal is recycled at Newell Recycling.

Signed _____

Date: 11-7-98

Recycled Paper

P.O. Box 110374 • Anchorage, Alaska 99511-0374 • (907) 344-5036 • Fax: (907) 349-6925

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. B 15976

CHEMRON ALASKA

Carrier No. AKD980984405

Date 9-11-98

(Name of Carrier)

TO: Consignee Alaska Pollution Control, Inc.	FROM: Shipper Pinnacle Construction 0031
Street 425 outer Springer Loop	Street Airport Hgts Chevron
Destination Palmer, Ak. 99645	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		Empty, 10,000 gal. Fuel Tank.			
		AHO1			

Emergency Response #907-344-5036 ERG#

*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-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.

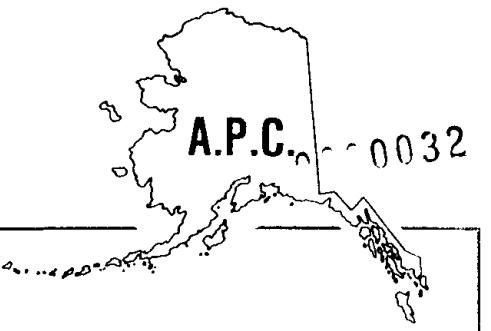
SHIPPER	CARRIER **CHEMRON ALASKA**
PER **CUSTOMER SIGNATURE**	PER 9-11-98
	DATE Mike McKinley

1

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

Alaska Pollution Control, Inc.

RECYCLING ALASKA'S PETROLEUM PRODUCTS



CERTIFICATE OF CLEANING

This is to certify that on November 7, 1998 a 10,000 gallon Fuel Tank received from Pinnacle Construction on Bill of Lading No. B-15975 designated AH-02 was cleaned and rendered useless at the Alaska Pollution Control, Inc. Springer facility. All residual Petroleum product is recycled at the Chemron Alaska facility, Water is processed at the Alaska Pollution Control Wastewater treatment facility and all Metal is recycled at Newell Recycling.

Signed _____

Date: 11-7-98

Recycled Paper

P.O. Box 110374 • Anchorage, Alaska 99511-0374 • (907) 344-5036 • Fax: (907) 349-6925

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. B 15975

CHEMRON ALASKA

Carrier No. AKD980984405

Date 9-11-98

(Name of Carrier)

TO: Consignee Alaska Pollution Control, Inc.	FROM: Shipper Pinnacle Construction
Street 425 outer Springer Loop	Street Airport Hgts Chevron 0033
Destination Palmer, Alc. 99645	Origin A/A
Route Best Way.	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		Empty, 10,000 gal. fuel tank			
		AH 02			
		Emergency Response #907-344-5036 ERG#			

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 per recent US DOT Emergency Communication 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.

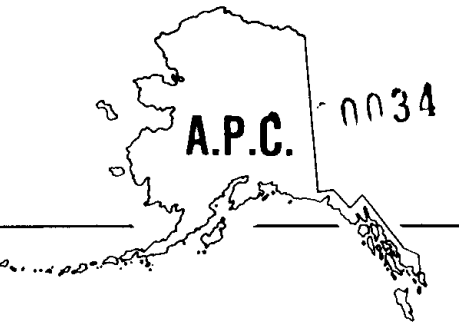
SHIPPER	CARRIER **CHEMRON ALASKA**
PER **CUSTOMER SIGNATURE**	PER 9-11-98
	DATE mike Mckinley

1

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

Alaska Pollution Control, Inc.

RECYCLING ALASKA'S PETROLEUM PRODUCTS



0034

CERTIFICATE OF CLEANING

This is to certify that on November 9, 1998 a 5,000 gallon Fuel Tank received from Pinnacle Construction on Bill of Lading No. B-15977 designated AH-03 was cleaned and rendered useless at the Alaska Pollution Control, Inc. Springer facility. All residual Petroleum product is recycled at the Chemron Alaska facility, Water is processed at the Alaska Pollution Control Wastewater treatment facility and all Metal is recycled at Newell Recycling.

Signed _____

Date: 11-9-98

Recycled Paper

P.O. Box 110374 • Anchorage, Alaska 99511-0374 • (907) 344-5036 • Fax: (907) 349-6925

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. B 15977

CHEMRON ALASKA

Carrier No. AKD980984405

Date 9-11-98

(Name of Carrier)

TO: Consignee Alaska Pollution Control, Inc.	FROM: Shipper Pinnacle Construction
Street 425 outer Springer Loop	Street Airport Hgts Chevron 0035
Destination Palmer, Ak. 99645	Origin Anchorage, Ak.
Route Best Way.	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		Empty, 5,000 gal. fuel Tank			
		AH 03			

Emergency Response #907-344-5036 ERG#

*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-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 ☐ $

TOTAL CHARGES: $

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

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.

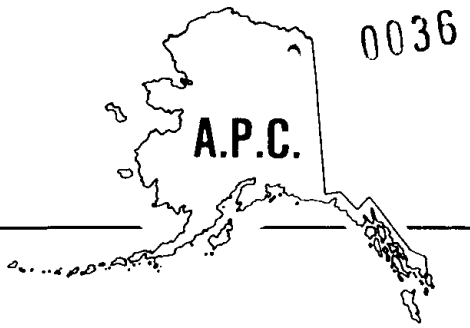
SHIPPER	CARRIER CHEMRON ALASKA
PER **CUSTOMER SIGNATURE**	PER 9-11-98
	DATE Mike McKinley

1

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

Alaska Pollution Control, Inc.

RECYCLING ALASKA'S PETROLEUM PRODUCTS



0036

CERTIFICATE OF CLEANING

This is to certify that on November 9, 1998 a 500 gallon Fuel Tank received from Pinnacle Construction on Bill of Lading No. B-15979 designated AH-04 was cleaned and rendered useless at the Alaska Pollution Control, Inc. Springer facility. All residual Petroleum product is recycled at the Chemron Alaska facility, Water is processed at the Alaska Pollution Control Wastewater treatment facility and all Metal is recycled at Newell Recycling.

Signed _____

Date: 11-9-98

Recycled Paper

P.O. Box 110374 • Anchorage, Alaska 99511-0374 • (907) 344-5036 • Fax: (907) 349-6925

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. B 15979

CHEMRON ALASKA

Carrier No. AKD980984405

Date 9-18-98

(Name of Carrier)

TO: Consignee Alaska Pollution Control, Inc.	FROM: Shipper Pinnacle Construction 0037
Street 425 outer Springer Loop	Street Airport Hgts Chevron
Destination Palmer, Alc. 99645	Origin Anchorage, Alc.
Route Best Way.	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		Empty, 500 gal. Heating fuel Tank			
		AH 04			
		Emergency Response #907-344-5036 ERG#			

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 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.

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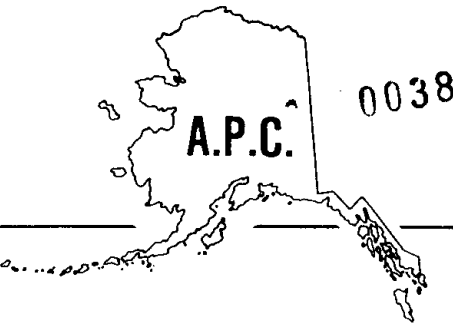
NOTICE: Freight moving under this Bill of Lading is subject to the classifications and lawfully filed tariffs in effect on the date of this Bill of Lading. This notice supersedes and negates any claimed, alleged or asserted oral or written contract, promise, representation or understanding between the 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	CARRIER **CHEMRON ALASKA**
PER **CUSTOMER SIGNATURE**	PER Mike McKinley
	DATE 9-18-98

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

Alaska Pollution Control, Inc.

RECYCLING ALASKA'S PETROLEUM PRODUCTS



0038

CERTIFICATE OF CLEANING

This is to certify that on November 9, 1998 a 500 gallon Used Oil Tank received from Pinnacle Construction on Bill of Lading No. B-15978 designated AH-05 was cleaned and rendered useless at the Alaska Pollution Control, Inc. Springer facility. All residual Petroleum product is recycled at the Chemron Alaska facility, Water is processed at the Alaska Pollution Control Wastewater treatment facility and all Metal is recycled at Newell Recycling.

Signed _____

Date: 11-9-98

Recycled Paper

P.O. Box 110374 • Anchorage, Alaska 99511-0374 • (907) 344-5036 • Fax: (907) 349-6925

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. B 15978

CHEMRON ALASKA

Carrier No. AKD980984405

Date 9-18-98

(Name of Carrier)

TO: Consignee Alaska Pollution Control, Inc.	FROM: Shipper Pinnacle Construction
Street 425 outer Springer Loop	Street Airport Hgts Chevron # 0039
Destination Palmer, AK. 99645	Origin Anchorage, Ak.
Route Best Way	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		Empty, 500 gal. Used o.l Tank			
		AH05			
		Emergency Response #907-344-5036 ERG#			

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-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 ☐

TOTAL CHARGES: $

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

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.

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SHIPPER	CARRIER **CHEMRON ALASKA**
PER **CUSTOMER SIGNATURE**	PER 9-18-98
	DATE Mike McKinley

1

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

0040

Used Oil

14.87 +
16.89 +
18.0 +
19.91 +
5.42 +
13.65 +
006.....
89.84 *

41196

Carlile **ENTERPRISES, INC.**

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

Pinnacle Constr
COMPANY

AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 8:44
DATE 10 07 98
GROSS 52640 lb
TARE 0 lb
NET 52640 lb
22900

Airports

#1736 used oil

8274

TRUCK 8173

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 14.87

41194

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

Pinnacle Const.
COMPANY

[signature]
AUTHORIZED SIGNATURE 0041

EMPLOYEE NUMBER

TIME 8:00
DATE 10 07 98
GROSS 22900 lb
TARE 0 lb
NET 22900 lb

Tare

TRUCK 8173
TRAILER
CONVERTER
TRAILER
TOTAL WEIGHT

AIRPORT HEIGHTS CHEVRON.

#1 1
4627

41203

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

Pinnacle
COMPANY

[signature]
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 11:13
DATE 10 07 98
GROSS 56680 lb
TARE 0 lb
NET 56680 lb

22900

Airport Ht Chevron
1736 used oil
8027

TRUCK 8173
TRAILER
CONVERTER
TRAILER
TOTAL WEIGHT 16.89

41208

Carlile **ENTERPRISES, INC.**

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

Pinacle
COMPANY

AUTHORIZED SIGNATURE

0042

EMPLOYEE NUMBER

TIME 12:16
DATE 10 07 98
GROSS 60700 lb
TARE 0 lb
NET 60700 lb

22900

Airport Hi ...

1730 ...

8027

TRUCK 8173

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 18.9

41107

Carlile **ENTERPRISES, INC.**

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

Pinacle
COMPANY

AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 9:44
DATE 10 07 98
GROSS 62720 lb
TARE 0 lb
NET 62720 lb

22900

Airport Heights Chevron

1770 used oil

8027

TRUCK 5173

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT

19.91 TN

41209

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

Pinnacle
COMPANY

0043

AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 23:00
DATE 10 07 98
GROSS 50200 lb
TARE 0 lb
NET 50200 lb
22,900

TRUCK 8173

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 13.65

Airport H1 cleanup
1736 used oil
8>27

41211

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

Pinnacle
COMPANY

AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 13:37
DATE 10 07 98
GROSS 33740 lb
TARE 0 lb
NET 33740 lb
22,900

TRUCK 8173

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 5.42

Airport H1 cleanup
1736 used oil
5>27

Gasoline

12.54 +
13.27 +
11.71 +
12.95 +
13.75 +
11.14 +
12.75 +
13.05 +
13.3 +
13.78 +
14.53 +
[illegible] +
13.25 +
11.84 +
12.49 +
13.92 +
13.5 +
15.58 +
11.77 +
13.29 +
13.11 +
021 .....
260.[illegible] *

0044

16834

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASRI GHS
COMPANY

Milo
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 12:50
DATE 09 27 98
GROSS 48020 lb
TARE 0 lb
NET 48020 lb
22946

TRUCK 180

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 12.54

#1736

16815

Carlile **ENTERPRISES, INC.**

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASR / GHS
COMPANY

Milo 0045
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 9:29
DATE 09 17 99
GROSS 46360 lb
TARE 0 lb
NET 46360 lb
22140

TRUCK 180

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 11.71

Chevron Products Company
Tesoro Airport Heights
#1736
7021 [illegible] Hwy

16814

Carlile **ENTERPRISES, INC.**

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASR / GIS
COMPANY

Milo
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 9:07
DATE 09 17 99
GROSS 50320 lb
TARE 0 lb
NET 50320 lb

TRUCK 426

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 13.27

Chevron Products Company
Tesoro Airport Heights
#1736
8021 [illegible]

16817

Carlile **ENTERPRISES, INC.**

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASR | GLS
COMPANY
Milo 0046
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 5:57
DATE 09-17-98
GROSS 50440 lb
TARE 0 lb
NET 50440 lb
22.44 0

TRUCK 180
TRAILER
CONVERTER
TRAILER
TOTAL WEIGHT 13.75

Huron Product Company
Debarr Airport Heights
#1736
1127

16816

Carlile **ENTERPRISES, INC.**

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASR | GLS
COMPANY
RDD
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 5:22
DATE 09-17-98
GROSS 43680 lb
TARE 0 lb
NET 43680 lb
23.82 0

TRUCK 426
TRAILER
CONVERTER
TRAILER
TOTAL WEIGHT 12.95

Huron Products Company
Debarr Airport Heights
#1736

16818

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

HSR | GTS
COMPANY
ROD 0047
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 5:56
DATE 09 27 98
GROSS 52060 lb
TARE 0 lb
NET 52060 lb
25780

TRUCK 426

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 14.14

Chevron Products Company
Debarr Airport Heights
#1736
9027

16819

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

HSR | GTS
COMPANY
MILO
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 10:12
DATE 09 27 98
GROSS 48460 lb
TARE 0 lb
NET 48460 lb
22940

TRUCK 180

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 12.16

Chevron Products Company
Debarr Airport Heights
#1736

16821

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASRI GIS
COMPANY

Milo 0048
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 10:??
DATE 09 17 98
GROSS 49540 lb
TARE 0 lb
NET 49540 lb
22140

TRUCK 180

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 13.30

Chevron Product Company
Debarr Airport Heights
#1756
ACZM

16820

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASRI Gts
COMPANY

Rob
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 10:24
DATE 09 17 98
GROSS 53900 lb
TARE 0 lb
NET 53900 lb
23781

TRUCK 426

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 15.06

Chevron Products Company
Debarr Airport Heights
#1756
[illegible] Hrn.

16830

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

~~ES~~ NSR LGHS
COMPANY

ROD
AUTHORIZED SIGNATURE

0049
EMPLOYEE NUMBER

TIME 12:03
DATE 09 17 98
GROSS 52840 lb
TARE 0 lb
NET 52840 lb
25786

TRUCK 426
TRAILER
CONVERTER
TRAILER
TOTAL WEIGHT ~~15.53~~ 14.53

#1736

16828

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

NSR LGHS
COMPANY

ROD
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

DATE 09:17 98
GROSS 50340 lb
TARE 0 lb
NET 50340 lb
25780

TRUCK 426
TRAILER
CONVERTER
TRAILER
TOTAL WEIGHT 13.28

#1736

16822

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASR / GTS
COMPANY

ROD
AUTHORIZED SIGNATURE

0050
EMPLOYEE NUMBER

TIME 10:45
DATE 09/17/98
GROSS 50300 lb
TARE 0 lb
NET 50300 lb
23780

TRUCK 426
TRAILER
CONVERTER
TRAILER
TOTAL WEIGHT 13.26

#1736

16826

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASR / GTS
COMPANY

ROD
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 11:12
DATE 09/17/98
GROSS 54860 lb
TARE 0 lb
NET 54860 lb
23780

TRUCK 426
TRAILER
CONVERTER
TRAILER
TOTAL WEIGHT 15.54

#1736

16827

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASR/GLS
COMPANY

AUTHORIZED SIGNATURE

0051
EMPLOYEE NUMBER

TIME 11:21
DATE 09·17 98
GROSS 47920 lb
TARE 0 lb
NET 47920 lb
22140

TRUCK 180

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 12.49

#1736

16824

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASR/GLS
COMPANY

AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 09:17
DATE 09·17 98
GROSS 46620 lb
TARE 0 lb
NET 46620 lb
22140

TRUCK 180

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 11.84

#1736

16831

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASRC GHS
COMPANY

AUTHORIZED SIGNATURE

0052
EMPLOYEE NUMBER

~~TIME 12:24~~
DATE ~~09:17~~ 98
GROSS 47940 lb
TARE 0 lb
NET 47940 lb
22940

TRUCK 180

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 12.50

#1736

16829

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASRC GHS
COMPANY

AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 11:54
DATE 09/17 98
GROSS 50000 lb
TARE 0 lb
NET 50000 lb
22946

TRUCK 180

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 13.53

#1736

16809

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASR | GTS
COMPANY

Milo
AUTHORIZED SIGNATURE

0053
EMPLOYEE NUMBER

TIME 8:19
DATE 09/17/98
GROSS 45480 lb
TARE 0 lb
NET 45480 lb
22940

TRUCK 180
TRAILER
CONVERTER
TRAILER
TOTAL WEIGHT ~~13.29~~
11.77 TN

16833

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

1152 | GTS
COMPANY

ROD
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME 12:17
DATE 09/17/98
GROSS 54940 lb
TARE 0 lb
NET 54940 lb
23780

TRUCK 426
TRAILER
CONVERTER
TRAILER
TOTAL WEIGHT 15.58

#1736

16810

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASR | G+S
COMPANY

[illegible]
AUTHORIZED SIGNATURE

0054
EMPLOYEE NUMBER

TIME 08:25
DATE 09 17 98

GROSS	50360	lb
TARE	0	lb
NET	50360	lb

25180

TRUCK 424

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT 13.29

[illegible] company
[illegible]
[illegible]
8027 [illegible]

16811

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASR | G+S
COMPANY

Milo
AUTHORIZED SIGNATURE

EMPLOYEE NUMBER

TIME [illegible]
DATE 09 17 98

GROSS	22940	lb
TARE	0	lb
NET	22940	lb

TRUCK 180

TRAILER

CONVERTER

TRAILER

TOTAL WEIGHT

16813

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASRC GHS
COMPANY
Mike
AUTHORIZED SIGNATURE
0055
EMPLOYEE NUMBER

DATE 09:27 98
GROSS 49150 lb
TARE 0 lb
NET 49150 lb
22140

TRUCK 180
TRAILER
CONVERTER
TRAILER
TOTAL WEIGHT 13.11

Alaska Pacific Company
Debarr Airport Heights
#1736
8027 Professional Pkwy

16812

Carlile ENTERPRISES, INC.

1524 Ship Avenue
Anchorage, AK 99501
(907) 276-7797
FAX 278-7301

ASRC GHS
COMPANY
RCL
AUTHORIZED SIGNATURE
EMPLOYEE NUMBER

DATE 09-17 98
GROSS 23790 lb
TARE 0 lb
NET 23790 lb

TRUCK 426
TRAILER
CONVERTER
TRAILER
TOTAL WEIGHT

ATTACHMENT D

LABORATORY ANALYTICAL METHODS, REPORTS, AND CHAIN-OF-CUSTODY DOCUMENTATION

ATTACHMENT D
LABORATORY ANALYTICAL METHODS

Laboratory Analysis Methods

Analyses for the presence of gasoline range organics (GRO) was performed by Alaska Method AK 101.

Analyses for the presence of benzene, toluene, ethylbenzene, and xylenes was performed by EPA Method 8021B.

Analyses for the presence of diesel range organics (DRO) was performed by Alaska Method AK 102.

Analyses for the presence of residual (heavy oil) range organics (RRO) was performed by Alaska Method AK 103.

Analyses for the presence of cadmium, chromium, lead, nickel, and zinc was performed according to EPA 6000/7000 Series Methods.

Analyses for the presence of halogenated volatile organics (HVOCs) was performed by EPA Method 8021B (modified).

Analyses for the presence of polychlorinated biphenyls (PCBs) was performed by EPA Method 8082.

Analyses were performed by North Creek Analytical, a State of Alaska approved analytical laboratory.

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

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SPOKANE ▪ (509) 924-9200 ▪ FAX 924-9290
PORTLAND ▪ (503) 906-9200 ▪ FAX 906-9210

0058

Secor-California	Project:	Chevron #9-6489	Sampled: 9/11/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/12/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/22/98 18:41

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
S-1	B809311-01	Soil	9/11/98
S-2	B809311-02	Soil	9/11/98
S-3	B809311-03	Soil	9/11/98
S-4	B809311-04	Soil	9/11/98
S-5	B809311-05	Soil	9/11/98
S-6	B809311-06	Soil	9/11/98
T1-C@13'	B809311-07	Soil	9/11/98
T1-F@13'	B809311-08	Soil	9/11/98
T2-F@13'	B809311-09	Soil	9/11/98
T2-C@13'	B809311-10	Soil	9/11/98
T3-F@13'	B809311-11	Soil	9/11/98
T3-C@13'	B809311-12	Soil	9/11/98
T1-F@16'	B809311-13	Soil	9/11/98
T2-F@18'	B809311-14	Soil	9/11/98

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.

Matthew Essig, Project Manager

18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

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SPOKANE ▪ (509) 924-9200 ▪ FAX 924-9290
PORTLAND ▪ (503) 906-9200 ▪ FAX 906-9210

Secor-California	Project:	Chevron #9-6489	Sampled: 9/11/98 0059
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/12/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/22/98 18:41

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
S-1			**B809311-01**				**Soil**	
Gasoline Range Hydrocarbons	0980389	9/12/98	9/12/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	**0.0565**	"	
Toluene	"	"	"		0.0500	**0.283**	"	
Ethylbenzene	"	"	"		0.0500	**0.0940**	"	
Xylenes (total)	"	"	"		0.100	**0.548**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*132*	%	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*84.1*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*131*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*80.6*	"	
S-2			**B809311-02**				**Soil**	
Gasoline Range Hydrocarbons	0980389	9/12/98	9/12/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	**0.0744**	"	
Toluene	"	"	"		0.0500	**0.0991**	"	
Ethylbenzene	"	"	"		0.0500	**0.0591**	"	
Xylenes (total)	"	"	"		0.100	**0.382**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*132*	%	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*86.3*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*128*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*79.0*	"	
S-3			**B809311-03**				**Soil**	
Gasoline Range Hydrocarbons	0980389	9/12/98	9/12/98		5.00	**12.6**	mg/kg dry	
Benzene	"	"	"		0.0500	**0.102**	"	
Toluene	"	"	"		0.0500	**1.04**	"	
Ethylbenzene	"	"	"		0.0500	**0.467**	"	
Xylenes (total)	"	"	"		0.100	**2.84**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*136*	%	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*79.0*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*128*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*78.3*	"	
S-4			**B809311-04**				**Soil**	
Gasoline Range Hydrocarbons	0980389	9/12/98	9/14/98		20.0	**51.8**	mg/kg dry	
Benzene	"	"	"		0.200	**0.866**	"	
Toluene	"	"	"		0.200	**5.18**	"	
Ethylbenzene	"	"	"		0.200	**1.65**	"	
Xylenes (total)	"	"	"		0.400	**9.05**	"	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Matthew Essig, Project Manager

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

BOTHELL ▪ (425) 420-9200 ▪ FAX 420-9210
SPOKANE ▪ (509) 924-9200 ▪ FAX 924-9290
PORTLAND ▪ (503) 906-9200 ▪ FAX 906-9210

Secor-California	Project:	Chevron #9-6489	Sampled: 9/11/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/12/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/22/98 18:41

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

0060

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
S-4 (continued)			**B809311-04**				**Soil**	
Surrogate: 4-BFB (FID)	*0980389*	*9/12/98*	*9/14/98*	*60.0-120*		*149*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*87.8*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*133*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*77.3*	"	
S-5			**B809311-05**				**Soil**	
Gasoline Range Hydrocarbons	0980389	9/12/98	9/12/98		5.00	**31.5**	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	**0.273**	"	
Ethylbenzene	"	"	"		0.0500	**0.118**	"	
Xylenes (total)	"	"	"		0.100	**3.79**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*183*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*82.2*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*142*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*80.4*	"	
S-6			**B809311-06**				**Soil**	
Gasoline Range Hydrocarbons	0980389	9/12/98	9/14/98		125	**702**	mg/kg dry	
Benzene	"	"	"		1.25	ND	"	
Toluene	"	"	"		1.25	**23.5**	"	
Ethylbenzene	"	"	"		1.25	**9.55**	"	
Xylenes (total)	"	"	"		2.50	**212**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*NR*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*97.8*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*NR*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*62.4*	"	
T1-C@13'			**B809311-07**				**Soil**	
Gasoline Range Hydrocarbons	0980662	9/21/98	9/22/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	**0.140**	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	**0.452**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*98.4*	*%*	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*67.4*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*105*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*75.9*	"	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Matthew Essig, Project Manager

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

BOTHELL ▪ (425) 420-9200 ▪ FAX 420-9210
SPOKANE ▪ (509) 924-9200 ▪ FAX 924-9290
PORTLAND ▪ (503) 906-9200 ▪ FAX 906-9210

Secor-California	Project:	Chevron #9-6489	Sampled: 9/11/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/12/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/22/98 18:41

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

0061

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
T1-F@13'			**B809311-08**				**Soil**	
Gasoline Range Hydrocarbons	0980662	9/21/98	9/22/98		50.0	**137**	mg/kg dry	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	**3.12**	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	**23.9**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*168*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*59.9*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*131*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*62.5*	"	
T2-F@13'			**B809311-09**				**Soil**	
Gasoline Range Hydrocarbons	0980662	9/21/98	9/22/98		250	**1560**	mg/kg dry	
Benzene	"	"	"		2.50	ND	"	
Toluene	"	"	"		2.50	**40.1**	"	
Ethylbenzene	"	"	"		2.50	**22.3**	"	
Xylenes (total)	"	"	"		5.00	**510**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*NR*	*%*	*2*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*67.2*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*NR*	"	*2*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*80.0*	"	
T2-C@13'			**B809311-10**				**Soil**	
Gasoline Range Hydrocarbons	0980662	9/21/98	9/22/98		5.00	**11.5**	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	**0.141**	"	
Ethylbenzene	"	"	"		0.0500	**0.0846**	"	
Xylenes (total)	"	"	"		0.100	**2.69**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*119*	*%*	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*69.5*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*116*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*76.8*	"	
T3-F@13'			**B809311-11**				**Soil**	
Gasoline Range Hydrocarbons	0980662	9/21/98	9/22/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	**0.191**	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	**0.829**	"	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Matthew Essig, Project Manager

NORTH CREEK ANALYTICAL
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PORTLAND ▪ (503) 906-9200 ▪ FAX 906-9210

Secor-California	Project:	Chevron #9-6489	Sampled: 9/11/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/12/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/22/98 18:41

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

0062

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
T3-F@13' (continued)			**B809311-11**				**Soil**	
Surrogate: 4-BFB (FID)	*0980662*	*9/21/98*	*9/22/98*	*60.0-120*		*101*	*%*	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*67.1*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*110*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*74.3*	"	
T3-C@13'			**B809311-12**				**Soil**	
Gasoline Range Hydrocarbons	0980662	9/21/98	9/22/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	**0.149**	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	**0.273**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*102*	*%*	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*67.6*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*112*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*77.6*	"	
T1-F@16'			**B809311-13**				**Soil**	
Gasoline Range Hydrocarbons	0980662	9/21/98	9/22/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	**0.144**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*102*	*%*	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*68.6*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*108*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*78.1*	"	
T2-F@18'			**B809311-14**				**Soil**	
Gasoline Range Hydrocarbons	0980662	9/21/98	9/22/98		1000	**1740**	mg/kg dry	
Benzene	"	"	"		10.0	ND	"	
Toluene	"	"	"		10.0	**223**	"	
Ethylbenzene	"	"	"		10.0	**30.7**	"	
Xylenes (total)	"	"	"		20.0	**419**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*NR*	*%*	*2*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*NR*	"	*2*
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*NR*	"	*2*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*NR*	"	*2*

NORTH CREEK ANALYTICAL
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PORTLAND ▪ (503) 906-9200 ▪ FAX 906-9210

Secor-California	Project:	Chevron #9-6489	Sampled: 9/11/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/12/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/22/98 18:41

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

0063

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
S-1			**B809311-01**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**21.3**	mg/kg dry	
S-2			**B809311-02**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**8.46**	mg/kg dry	
S-3			**B809311-03**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**12.8**	mg/kg dry	
S-4			**B809311-04**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**8.26**	mg/kg dry	
S-5			**B809311-05**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**26.9**	mg/kg dry	
S-6			**B809311-06**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**10.9**	mg/kg dry	
T1-C@13'			**B809311-07**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**5.09**	mg/kg dry	
T1-F@13'			**B809311-08**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**13.1**	mg/kg dry	
T2-F@13'			**B809311-09**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**4.54**	mg/kg dry	
T2-C@13'			**B809311-10**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**5.98**	mg/kg dry	
T3-F@13'			**B809311-11**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**4.27**	mg/kg dry	
T3-C@13'			**B809311-12**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**4.64**	mg/kg dry	
T1-F@16'			**B809311-13**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**5.43**	mg/kg dry	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Matthew Essig, Project Manager

NORTH CREEK ANALYTICAL
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Secor-California	Project:	Chevron #9-6489	Sampled: 9/11/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/12/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/22/98 18:41

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

0064

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
T2-F@18'			**B809311-14**				**Soil**	
Lead	0980387	9/12/98	9/13/98	EPA 6020	0.500	**4.73**	mg/kg dry	

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Secor-California	Project:	Chevron #9-6489	Sampled:	9/11/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received:	9/12/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported:	9/22/98 18:41

Dry Weight Determination
North Creek Analytical - Bothell

0065

Sample Name	Lab ID	Matrix	Result	Units
S-1	B809311-01	Soil	94.3	%
S-2	B809311-02	Soil	94.2	%
S-3	B809311-03	Soil	95.5	%
S-4	B809311-04	Soil	95.5	%
S-5	B809311-05	Soil	92.9	%
S-6	B809311-06	Soil	92.4	%
T1-C@13'	B809311-07	Soil	95.6	%
T1-F@13'	B809311-08	Soil	85.5	%
T2-F@13'	B809311-09	Soil	96.0	%
T2-C@13'	B809311-10	Soil	93.9	%
T3-F@13'	B809311-11	Soil	94.3	%
T3-C@13'	B809311-12	Soil	96.3	%
T1-F@16'	B809311-13	Soil	96.2	%
T2-F@18'	B809311-14	Soil	96.4	%

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/11/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/12/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/22/98 18:41

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B/Quality Control
North Creek Analytical - Bothell

0066

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980389	**Date Prepared: 9/12/98**					**Extraction Method: EPA 5030B (P/T)**				
Blank	**0980389-BLK1**									
Gasoline Range Hydrocarbons	9/12/98			**ND**	mg/kg dry	**5.00**				
Benzene	"			**ND**	"	**0.0500**				
Toluene	"			**ND**	"	**0.0500**				
Ethylbenzene	"			**ND**	"	**0.0500**				
Xylenes (total)	"			**ND**	"	**0.100**				
Surrogate: 4-BFB (FID)	"	*2.40*		*3.06*	"	*60.0-120*	*127*			*3*
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*2.25*	"	*50.0-150*	*93.7*			
Surrogate: 4-BFB (PID)	"	*2.40*		*2.93*	"	*60.0-120*	*122*			*3*
Surrogate: a,a,a-TFT (PID)	"	*2.40*		*2.04*	"	*50.0-150*	*85.0*			
LCS	**0980389-BS1**									
Gasoline Range Hydrocarbons	9/12/98	25.0		23.5	mg/kg dry	60.0-120	94.0			
Surrogate: 4-BFB (FID)	"	*2.40*		*3.53*	"	*60.0-120*	*147*			*3*
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*2.37*	"	*50.0-150*	*98.7*			
LCS Dup	**0980389-BSD1**									
Gasoline Range Hydrocarbons	9/12/98	25.0		23.4	mg/kg dry	60.0-120	93.6	20.0	0.426	
Surrogate: 4-BFB (FID)	"	*2.40*		*3.50*	"	*60.0-120*	*146*			*3*
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*2.32*	"	*50.0-150*	*96.7*			
Matrix Spike	**0980389-MS1**		**B809311-01**							
Benzene	9/14/98	0.355	0.0565	0.417	mg/kg dry	60.0-120	**102**			
Toluene	"	0.355	0.283	0.613	"	60.0-120	**93.0**			
Ethylbenzene	"	0.355	0.0940	0.445	"	60.0-120	**98.9**			
Xylenes (total)	"	1.07	0.548	1.65	"	60.0-120	**103**			
Surrogate: 4-BFB (PID)	"	*1.70*		*2.21*	"	*60.0-120*	*130*			*3*
Surrogate: a,a,a-TFT (PID)	"	*1.70*		*1.31*	"	*50.0-150*	*77.1*			
Matrix Spike Dup	**0980389-MSD1**		**B809311-01**							
Benzene	9/14/98	0.355	0.0565	0.421	mg/kg dry	60.0-120	**103**	20.0	**0.976**	
Toluene	"	0.355	0.283	0.608	"	60.0-120	**91.5**	20.0	**1.63**	
Ethylbenzene	"	0.355	0.0940	0.443	"	60.0-120	**98.3**	20.0	**0.609**	
Xylenes (total)	"	1.07	0.548	1.63	"	60.0-120	**101**	20.0	**1.96**	
Surrogate: 4-BFB (PID)	"	*1.70*		*2.14*	"	*60.0-120*	*126*			*3*
Surrogate: a,a,a-TFT (PID)	"	*1.70*		*1.26*	"	*50.0-150*	*74.1*			

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/11/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/12/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/22/98 18:41

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B/Quality Control
North Creek Analytical - Bothell

0067

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980662	**Date Prepared: 9/21/98**					**Extraction Method: EPA 5030B (P/T)**				
Blank	**0980662-BLK1**									
Gasoline Range Hydrocarbons	9/21/98			**ND**	mg/kg dry	**5.00**				
Benzene	"			**ND**	"	**0.0500**				
Toluene	"			**ND**	"	**0.0500**				
Ethylbenzene	"			**ND**	"	**0.0500**				
Xylenes (total)	"			**ND**	"	**0.100**				
Surrogate: 4-BFB (FID)	"	*2.40*		*1.95*	"	*60.0-120*	*81.2*			
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*1.53*	"	*50.0-150*	*63.7*			
Surrogate: 4-BFB (PID)	"	*2.40*		*2.61*	"	*60.0-120*	*109*			
Surrogate: a,a,a-TFT (PID)	"	*2.40*		*2.07*	"	*50.0-150*	*86.2*			
LCS	**0980662-BS1**									
Gasoline Range Hydrocarbons	9/21/98	25.0		21.1	mg/kg dry	60.0-120	84.4			
Surrogate: 4-BFB (FID)	"	*2.40*		*2.45*	"	*60.0-120*	*102*			
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*1.87*	"	*50.0-150*	*77.9*			
LCS Dup	**0980662-BSD1**									
Gasoline Range Hydrocarbons	9/22/98	25.0		21.5	mg/kg dry	60.0-120	86.0	20.0	1.88	
Surrogate: 4-BFB (FID)	"	*2.40*		*2.46*	"	*60.0-120*	*102*			
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*1.92*	"	*50.0-150*	*80.0*			
Matrix Spike	**0980662-MS1**		**B809512-01**							
Benzene	9/22/98	0.226	ND	0.205	mg/kg dry	60.0-120	**90.7**			
Toluene	"	0.226	ND	0.211	"	60.0-120	**93.4**			
Ethylbenzene	"	0.226	ND	0.205	"	60.0-120	**90.7**			
Xylenes (total)	"	0.677	ND	0.635	"	60.0-120	**93.8**			
Surrogate: 4-BFB (PID)	"	*1.08*		*1.16*	"	*60.0-120*	*107*			
Surrogate: a,a,a-TFT (PID)	"	*1.08*		*0.802*	"	*50.0-150*	*74.3*			
Matrix Spike Dup	**0980662-MSD1**		**B809512-01**							
Benzene	9/22/98	0.226	ND	0.212	mg/kg dry	60.0-120	**93.8**	20.0	**3.36**	
Toluene	"	0.226	ND	0.216	"	60.0-120	**95.6**	20.0	**2.33**	
Ethylbenzene	"	0.226	ND	0.211	"	60.0-120	**93.4**	20.0	**2.93**	
Xylenes (total)	"	0.677	ND	0.651	"	60.0-120	**96.2**	20.0	**2.53**	
Surrogate: 4-BFB (PID)	"	*1.08*		*1.15*	"	*60.0-120*	*106*			
Surrogate: a,a,a-TFT (PID)	"	*1.08*		*0.824*	"	*50.0-150*	*76.3*			

NORTH CREEK ANALYTICAL
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Secor-California	Project:	Chevron #9-6489	Sampled: 9/11/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/12/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/22/98 18:41

Total Metals by EPA 6000/7000 Series Methods/Quality Control
North Creek Analytical - Bothell

0068

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980387	**Date Prepared: 9/12/98**					**Extraction Method: EPA 3050B**				
Blank	**0980387-BLK1**									
Lead	9/13/98			**ND**	mg/kg dry	**0.500**				
LCS	**0980387-BS1**									
Lead	9/13/98	25.0		21.4	mg/kg dry	80.0-120	85.6			
Duplicate	**0980387-DUP1**		**B809311-10**							
Lead	9/13/98		5.98	6.45	mg/kg dry			20.0	**7.56**	
Matrix Spike	**0980387-MS1**		**B809311-10**							
Lead	9/13/98	23.6	5.98	27.8	mg/kg dry	70.0-130	**92.5**			

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/11/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/12/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/22/98 18:41

Notes and Definitions

0069

#	Note
1	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
2	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
3	The surrogate recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

Chain-of-Custody-Record

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

Chevron Facility Number 9-6489
Facility Address 1304 Airport Heights Drive, Anchorage AK
Consultant Project Number 70007-037-01
Consultant Name SECOR International Incorporated
Address 9712 Business Park Drive, Ste. 100, Sacramento, CA 95827
Project Contact (Name) Roger Hoffmore
(Phone) 916-364-1990 (Fax Number) 916-364-1887

Chevron Contact (Name) Larry Wallace
(Phone) 925-842-9083
Laboratory Name North Creek Analytical
Laboratory Release Number 45483274
Samples Collected by (Name) Roger Hoffmore
Collection Date 9/11/98
Signature Roger Hoffmore

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)	TPH Diesel (8015)	Oil and Grease (5520)	Chlorinated HC (8010)	Non-Chlorinated HC (8020)	Total Lead ~~(7421)~~	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	BTEX by 8020	GRO (AK 101)	DRO (AK 102)	RRO (AK 103)	PBCs (8082)	HVOCs (8021B)	Remarks
S-1	3	S	G		Preserved in methanol	Yes	B80931	1-01				X		X	X					Please Page Me at (916) 697-4143 with verbal result ASAP
S-2								-02				X		X	X					
S-3								-03				X		X	X					
S-4								-04				X		X	X					
S-5								-05				X		X	X					
S-6								-06				X		X	X					

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Roger Hoffmore	SECOR Int'l	9/11/98	BD 2480	ANCFF	1948 9/11/98
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
			S. Wicleer	NCA	9/12/98 0940
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time

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

as discussed w/ Dave

COC-1.DWG/11 80/HCH

Chain-of-Custody-Record

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

Chevron Facility Number 9-6489
Facility Address 1504 Airport Heights Drive, Anchorage AK
Consultant Project Number 70-007-037-01
Consultant Name SECOR International Incorporated
Address 9212 Business Park Drive, Ste. 100, Sacramento CA 95827
Project Contact (Name) Roger Hoffmore
(Phone) 916-364-1850 (Fax Number) 916-364-1899

Chevron Contact (Name) Larry Wallace
(Phone) 925-842-9083
Laboratory Name North Creek Analytical
Laboratory Release Number 4548274
Samples Collected by (Name) Roger Hoffmore
Collection Date 9/11/98
Signature Roger Hoffmore

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)	TPH Diesel (8015)	Oil and Grease (5520)	Chlorinated HC (8010)	Non-Chlorinated HC (8015)	Total Lead (AA)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	BTEX by 8020	GRO (AK101)	DRO (AK102)	RRO (AK103)	PBi's (8082)	HVOCs (8021B)	Remarks
T1-C@13'	3	S	D		preserved in methanol	Yes	B809311-07					X		X	X					
T1-F@13'								-08				X		X	X					
T2-F@13'								-09				X		X	X					
T2-C@13'								-10				X		X	X					
T2-F@13'								-11				X		X	X					
T3-C@13'								-12				X		X	X					

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Roger Hoffmore	SECOR Int'l	9/11/98	BD 2480	ANCFF	9/11/98 1948
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
			S. Wideen	NCA	9-12-98 0940
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

W10
-15

0071

COC-1.DWG/11 90/HCH

Chain-of-Custody-Record

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

Chevron Facility Number: 9-6489
Facility Address: 1304 Airport Heights Dr., Anchorage AK
Consultant Project Number: 76007-037-02
Consultant Name: SECOR International Incorporated
Address: 2712 Business Pk Dr, Ste 100 Sacramento CA 95827
Project Contact (Name): Roger Hoffmore
(Phone) 916-811-1380 (Fax Number) 916-364-1889

Chevron Contact (Name): Bob Cochran
(Phone) 925-842-9655
Laboratory Name: North Creek Analytical
Laboratory Release Number: 9141629
Samples Collected by (Name): Roger Hoffmore
Collection Date: 9/11/98
Signature: Roger Hoffmore

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)	Chlorinated HC (8010)	Non-Chlorinated HC (8020)	Total Lead (AA)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	BTEX (by 8020)	CRO (AK 101)	DRO (AK 102)	RRO (AK 103)			Remarks
T1F@16'	3	S	D		1 preserved in methanol	Yes	X	809311-13				X		X	X					
T2F@18'	3	S	D		↓	↓	X	-14				X		X	X					
G-1@5	3	S			9/9/98			-15												
Trip Blank	1	S			methanol			-16												

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Roger Hoffmore	SECOR Int'l	9/11/98	BD 2480	ANCFF	9/11/98 1945
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
			S. Wicleer	NCA	9-11-98 0940
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

W/O -1.5

0072

COC-1.DWG/11 90/HCH

Chain-of-Custody-Record

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

Chevron Facility Number: 9-6489
Facility Address: 1304 Airport Heights Drive, Anchorage AK
Consultant Project Number: 76007-037-01
Consultant Name: SECOR International Incorporated
Address: 9912 Business Park Drive, Ste. 100, Sacramento CA 95827
Project Contact (Name): Roger Hoffmore
(Phone): 916-364-1850 (Fax Number): 916-364-1899

Chevron Contact (Name): Larry Wallace
(Phone): 925-842-9083
Laboratory Name: North Creek Analytical
Laboratory Release Number: 4548274
Samples Collected by (Name): Roger Hoffmore
Collection Date: 9/11/98
Signature: Roger Hoffmore

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)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Chlorinated HC (8010)	Non-Chlorinated HC (8000)	Total Lead (AA)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	BTEX by 8020	CRC (AK101)	DRO (AK102)	RRO (AK103)	PRIST (8032)	Aviers (8021B)	Remarks
T1-C@13'	3	S	D		Preserved in methanol	Yes						X		X	X					
T1-F@13'	↓	↓	↓		↓	↓						X		X	X					
T2-F@13'												X		X	X					
T2-C@13'												X		X	X					
T3-F@13'												X		X	X					
T3-C@13'	↓	↓	↓		↓	↓						X		X	X					

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Roger Hoffmore	SECOR Int'l	9/11/98	BD 2480	ANCFF	9/11/98 1948
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)
48 Hrs.
5 Days
10 Days
As Contracted

COC-1.DWG/11 90/HCH

Chain-of-Custody-Record

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

Chevron Facility Number: 9-6489
Facility Address: 1304 Airport Heights Dr., Anchorage AK
Consultant Project Number: 76007-937-01
Consultant Name: SECOR Int'l Inc.
Address: 9912 Business Pk. Dr. #140, Sacramento CA 95827
Project Contact (Name): Roger Hoffmore
(Phone) 916-364-1880 (Fax Number) 916-364-1889

Chevron Contact (Name): ~~Bob Coohran~~ Larry Wallace
(Phone) 925-842-~~9655~~ 9083
Laboratory Name: North Creek Analytical
Laboratory Release Number: 4548274
Samples Collected by (Name): Roger Hoffmore
Collection Date: 9/29/98
Signature: Roger Hoffmore

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)	Chlorinated HC (8010)	Non Chlorinated HC (8020)	Total Lead (7420)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	GRO (AK101)	BTEX (8020)	Remarks
D-1@2'	2	S	G		1 in methanol	Yes						X		X	X	
D-2@2'	↓	↓	↓		↓	↓						X		X	X	
D-3@2'	↓	↓	↓		↓	↓						X		X	X	
D-4@2'	↓	↓	↓		↓	↓						X		X	X	
TB	1		W			↓								X	X	
Meth. Blank	1					↓								X	X	

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Roger Hoffmore	SECOR Int'l	9/29/98		ASAIR	9/29 1205 PM
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-1.DWG/11 90/HCH

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

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PORTLAND ▪ (503) 906-9200 ▪ FAX 906-9210

Secor-California	Project:	Chevron #9-6489	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/24/98 14:46

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
OS-1	B809512-01	Soil	9/18/98
OS-2	B809512-02	Soil	9/18/98

North Creek Analytical - Bothell

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.

Matthew Essig, Project Manager

NORTH CREEK ANALYTICAL
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Secor-California	Project:	Chevron #9-6489	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/24/98 14:46

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
OS-1			**B809512-01**				**Soil**	
Gasoline Range Hydrocarbons	0980662	9/21/98	9/21/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*98.1*	*%*	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*68.7*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*106*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*75.7*	"	
OS-2			**B809512-02**				**Soil**	
Gasoline Range Hydrocarbons	0980662	9/21/98	9/21/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*101*	*%*	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*72.1*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*104*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*77.5*	"	

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/24/98 14:46

Diesel Hydrocarbons (C10-C25) and Heavy Oil (C25-C36) by AK102 and AK103
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
OS-1			**B809512-01**				**Soil**	
Diesel Range Hydrocarbons	0980683	9/22/98	9/23/98		20.0	**538**	mg/kg dry	1
Heavy Oil Range Hydrocarbons	"	"	"		125	**1810**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*91.3*	*%*	
Surrogate: Octacosane	"	"	"	*50.0-150*		*101*	"	
OS-2			**B809512-02**				**Soil**	
Diesel Range Hydrocarbons	0980683	9/22/98	9/23/98		20.0	**524**	mg/kg dry	1
Heavy Oil Range Hydrocarbons	"	"	"		125	**2290**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*104*	*%*	
Surrogate: Octacosane	"	"	"	*50.0-150*		*105*	"	

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

0078

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/24/98 14:46

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
OS-1			**B809512-01**				**Soil**	
Cadmium	0980674	9/21/98	9/22/98	EPA 6020	0.500	ND	mg/kg dry	
Chromium	"	"	"	EPA 6020	0.500	**22.0**	"	
Lead	"	"	"	EPA 6020	0.500	**73.7**	"	
Nickel	"	"	"	EPA 6020	0.500	**24.5**	"	
Zinc	"	"	"	EPA 6020	5.00	**58.8**	"	
OS-2			**B809512-02**				**Soil**	
Cadmium	0980674	9/21/98	9/22/98	EPA 6020	0.500	ND	mg/kg dry	
Chromium	"	"	"	EPA 6020	0.500	**21.6**	"	
Lead	"	"	"	EPA 6020	0.500	**14.6**	"	
Nickel	"	"	"	EPA 6020	0.500	**21.0**	"	
Zinc	"	"	"	EPA 6020	5.00	**49.2**	"	

NORTH CREEK ANALYTICAL
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PORTLAND ▪ (503) 906-9200 ▪ FAX 906-9210

Secor-California	Project:	Chevron #9-6489	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/24/98 14:46

Halogenated Volatile Organics by EPA Method 8021B (modified)
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
OS-1			**B809512-01**				**Soil**	
Bromodichloromethane	0980698	9/22/98	9/22/98		0.0500	ND	mg/kg dry	
Bromoform	"	"	"		0.0500	ND	"	
Bromomethane	"	"	"		0.0500	ND	"	
Carbon tetrachloride	"	"	"		0.0500	ND	"	
Chlorobenzene	"	"	"		0.0500	ND	"	
Chloroethane	"	"	"		0.0500	ND	"	
Chloroform	"	"	"		0.0500	ND	"	
Chloromethane	"	"	"		0.0500	ND	"	
Dibromochloromethane	"	"	"		0.0500	ND	"	
1,2-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,3-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,4-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,1-Dichloroethane	"	"	"		0.0500	ND	"	
1,2-Dichloroethane	"	"	"		0.0500	ND	"	
1,1-Dichloroethene	"	"	"		0.0500	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.0500	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.0500	ND	"	
1,2-Dichloropropane	"	"	"		0.0500	ND	"	
cis-1,3-Dichloropropene	"	"	"		0.0500	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.0500	ND	"	
Methylene chloride	"	"	"		0.500	**0.518**	"	2
1,1,2,2-Tetrachloroethane	"	"	"		0.0500	ND	"	
Tetrachloroethene	"	"	"		0.0500	**0.257**	"	
1,1,1-Trichloroethane	"	"	"		0.0500	ND	"	
1,1,2-Trichloroethane	"	"	"		0.0500	ND	"	
Trichloroethene	"	"	"		0.0500	ND	"	
Trichlorofluoromethane	"	"	"		0.0500	ND	"	
Vinyl chloride	"	"	"		0.0500	ND	"	
Surrogate: 4-BFB (ELCD)	"	"	"	*50.0-150*		*91.4*	%	
OS-2			**B809512-02**				**Soil**	
Bromodichloromethane	0980698	9/22/98	9/22/98		0.0500	ND	mg/kg dry	
Bromoform	"	"	"		0.0500	ND	"	
Bromomethane	"	"	"		0.0500	ND	"	
Carbon tetrachloride	"	"	"		0.0500	ND	"	
Chlorobenzene	"	"	"		0.0500	ND	"	
Chloroethane	"	"	"		0.0500	ND	"	
Chloroform	"	"	"		0.0500	ND	"	

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

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PORTLAND ▪ (503) 906-9200 ▪ FAX 906-9210

Secor-California	Project:	Chevron #9-6489	Sampled:	9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received:	9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported:	9/24/98 14:46

Halogenated Volatile Organics by EPA Method 8021B (modified)
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
OS-2 (continued)			**B809512-02**				**Soil**	
Chloromethane	0980698	9/22/98	9/22/98		0.0500	ND	mg/kg dry	
Dibromochloromethane	"	"	"		0.0500	ND	"	
1,2-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,3-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,4-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,1-Dichloroethane	"	"	"		0.0500	ND	"	
1,2-Dichloroethane	"	"	"		0.0500	ND	"	
1,1-Dichloroethene	"	"	"		0.0500	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.0500	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.0500	ND	"	
1,2-Dichloropropane	"	"	"		0.0500	ND	"	
cis-1,3-Dichloropropene	"	"	"		0.0500	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.0500	ND	"	
Methylene chloride	"	"	"		0.500	**0.643**	"	2
1,1,2,2-Tetrachloroethane	"	"	"		0.0500	ND	"	
Tetrachloroethene	"	"	"		0.0500	**0.149**	"	
1,1,1-Trichloroethane	"	"	"		0.0500	ND	"	
1,1,2-Trichloroethane	"	"	"		0.0500	ND	"	
Trichloroethene	"	"	"		0.0500	ND	"	
Trichlorofluoromethane	"	"	"		0.0500	ND	"	
Vinyl chloride	"	"	"		0.0500	ND	"	
Surrogate: 4-BFB (ELCD)	"	"	"	*50.0-150*		*96.2*	*%*	

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/24/98 14:46

Polychlorinated Biphenyls by EPA Method 8082
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
OS-1			**B809512-01**				**Soil**	
Aroclor 1016	0980675	9/21/98	9/23/98		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*73.4*	*%*	
OS-2			**B809512-02**				**Soil**	
Aroclor 1016	0980675	9/21/98	9/23/98		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*72.8*	*%*	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Matthew Essig, Project Manager

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

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Secor-California	Project:	Chevron #9-6489	Sampled:	9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received:	9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported:	9/24/98 14:46

Dry Weight Determination
North Creek Analytical - Bothell

Sample Name	Lab ID	Matrix	Result	Units
OS-1	B809512-01	Soil	95.0	%
OS-2	B809512-02	Soil	95.4	%

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

0083

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PORTLAND ▪ (503) 906-9200 ▪ FAX 906-9210

Secor-California	Project:	Chevron #9-6489	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/24/98 14:46

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980662	**Date Prepared: 9/21/98**					**Extraction Method: EPA 5030B (P/T)**				
Blank	**0980662-BLK1**									
Gasoline Range Hydrocarbons	9/21/98			**ND**	mg/kg dry	**5.00**				
Benzene	"			**ND**	"	**0.0500**				
Toluene	"			**ND**	"	**0.0500**				
Ethylbenzene	"			**ND**	"	**0.0500**				
Xylenes (total)	"			**ND**	"	**0.100**				
Surrogate: 4-BFB (FID)	"	*2.40*		*1.95*	"	*60.0-120*	*81.2*			
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*1.53*	"	*50.0-150*	*63.7*			
Surrogate: 4-BFB (PID)	"	*2.40*		*2.61*	"	*60.0-120*	*109*			
Surrogate: a,a,a-TFT (PID)	"	*2.40*		*2.07*	"	*50.0-150*	*86.2*			
LCS	**0980662-BS1**									
Gasoline Range Hydrocarbons	9/21/98	25.0		21.1	mg/kg dry	60.0-120	84.4			
Surrogate: 4-BFB (FID)	"	*2.40*		*2.45*	"	*60.0-120*	*102*			
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*1.87*	"	*50.0-150*	*77.9*			
LCS Dup	**0980662-BSD1**									
Gasoline Range Hydrocarbons	9/22/98	25.0		21.5	mg/kg dry	60.0-120	86.0	20.0	1.88	
Surrogate: 4-BFB (FID)	"	*2.40*		*2.46*	"	*60.0-120*	*102*			
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*1.92*	"	*50.0-150*	*80.0*			
Matrix Spike	**0980662-MS1**		**B809512-01**							
Benzene	9/22/98	0.226	ND	0.205	mg/kg dry	60.0-120	**90.7**			
Toluene	"	0.226	ND	0.211	"	60.0-120	**93.4**			
Ethylbenzene	"	0.226	ND	0.205	"	60.0-120	**90.7**			
Xylenes (total)	"	0.677	ND	0.635	"	60.0-120	**93.8**			
Surrogate: 4-BFB (PID)	"	*1.08*		*1.16*	"	*60.0-120*	*107*			
Surrogate: a,a,a-TFT (PID)	"	*1.08*		*0.802*	"	*50.0-150*	*74.3*			
Matrix Spike Dup	**0980662-MSD1**		**B809512-01**							
Benzene	9/22/98	0.226	ND	0.212	mg/kg dry	60.0-120	**93.8**	20.0	**3.36**	
Toluene	"	0.226	ND	0.216	"	60.0-120	**95.6**	20.0	**2.33**	
Ethylbenzene	"	0.226	ND	0.211	"	60.0-120	**93.4**	20.0	**2.93**	
Xylenes (total)	"	0.677	ND	0.651	"	60.0-120	**96.2**	20.0	**2.53**	
Surrogate: 4-BFB (PID)	"	*1.08*		*1.15*	"	*60.0-120*	*106*			
Surrogate: a,a,a-TFT (PID)	"	*1.08*		*0.824*	"	*50.0-150*	*76.3*			

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Matthew Essig, Project Manager

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

0084

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/24/98 14:46

Diesel Hydrocarbons (C10-C25) and Heavy Oil (C25-C36) by AK102 and AK103/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980683	**Date Prepared: 9/22/98**					**Extraction Method: EPA 3550B**				
Blank	**0980683-BLK1**									
Diesel Range Hydrocarbons	9/22/98			**ND**	mg/kg dry	**4.00**				
Heavy Oil Range Hydrocarbons	"			**ND**	"	**25.0**				
Surrogate: 2-FBP	"	*13.2*		*8.40*	"	*50.0-150*	*63.6*			
Surrogate: Octacosane	"	*12.9*		*9.94*	"	*50.0-150*	*77.1*			
LCS	**0980683-BS1**									
Diesel Range Hydrocarbons	9/23/98	80.0		77.6	mg/kg dry	60.0-120	97.0			
Surrogate: 2-FBP	"	*13.2*		*10.8*	"	*50.0-150*	*81.8*			
LCS	**0980683-BS2**									
Heavy Oil Range Hydrocarbons	9/22/98	80.0		62.0	mg/kg dry	60.0-100	77.5			
Surrogate: Octacosane	"	*12.9*		*9.43*	"	*50.0-150*	*73.1*			
LCS Dup	**0980683-BSD1**									
Diesel Range Hydrocarbons	9/23/98	80.0		91.4	mg/kg dry	60.0-120	114	20.0	16.1	
Surrogate: 2-FBP	"	*13.2*		*14.4*	"	*50.0-150*	*109*			
LCS Dup	**0980683-BSD2**									
Heavy Oil Range Hydrocarbons	9/22/98	80.0		61.7	mg/kg dry	60.0-100	77.1	20.0	0.517	
Surrogate: Octacosane	"	*12.9*		*8.98*	"	*50.0-150*	*69.6*			

NORTH CREEK ANALYTICAL
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Secor-California	Project:	Chevron #9-6489	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/24/98 14:46

Total Metals by EPA 6000/7000 Series Methods/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980674	**Date Prepared: 9/21/98**					**Extraction Method: EPA 3050B**				
Blank	**0980674-BLK1**									
Cadmium	9/22/98			**ND**	mg/kg dry	**0.500**				
Chromium	"			**ND**	"	**0.500**				
Lead	"			**ND**	"	**0.500**				
Nickel	"			**ND**	"	**0.500**				
Zinc	"			**ND**	"	**5.00**				
LCS	**0980674-BS1**									
Cadmium	9/22/98	50.0		42.0	mg/kg dry	70.0-130	84.0			
Chromium	"	50.0		44.3	"	80.0-120	88.6			
Lead	"	50.0		48.5	"	80.0-120	97.0			
Nickel	"	50.0		46.2	"	80.0-120	92.4			
Zinc	"	50.0		40.8	"	70.0-130	81.6			
Duplicate	**0980674-DUP1**		**B809113-10**							
Cadmium	9/22/98		ND	ND	mg/kg dry			20.0		
Chromium	"		33.5	32.0	"			20.0	**4.58**	
Lead	"		12.0	12.4	"			20.0	**3.28**	
Nickel	"		4.44	3.99	"			20.0	**10.7**	
Zinc	"		31.7	31.9	"			20.0	**0.629**	
Matrix Spike	**0980674-MS1**		**B809113-10**							
Cadmium	9/22/98	73.5	ND	62.8	mg/kg dry	70.0-130	**85.4**			
Chromium	"	73.5	33.5	83.0	"	70.0-130	**67.3**			3
Lead	"	73.5	12.0	81.6	"	70.0-130	**94.7**			
Nickel	"	73.5	4.44	59.2	"	70.0-130	**74.5**			
Zinc	"	73.5	31.7	91.9	"	70.0-130	**81.9**			

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/24/98 14:46

Halogenated Volatile Organics by EPA Method 8021B (modified)/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980698	**Date Prepared: 9/22/98**					**Extraction Method: EPA 5030B [MeOH]**				
Blank	**0980698-BLK1**									
Bromodichloromethane	9/22/98			**ND**	mg/kg dry	**0.0500**				
Bromoform	"			**ND**	"	**0.0500**				
Bromomethane	"			**ND**	"	**0.0500**				
Carbon tetrachloride	"			**ND**	"	**0.0500**				
Chlorobenzene	"			**ND**	"	**0.0500**				
Chloroethane	"			**ND**	"	**0.0500**				
Chloroform	"			**ND**	"	**0.0500**				
Chloromethane	"			**ND**	"	**0.0500**				
Dibromochloromethane	"			**ND**	"	**0.0500**				
1,2-Dichlorobenzene	"			**ND**	"	**0.0500**				
1,3-Dichlorobenzene	"			**ND**	"	**0.0500**				
1,4-Dichlorobenzene	"			**ND**	"	**0.0500**				
1,1-Dichloroethane	"			**ND**	"	**0.0500**				
1,2-Dichloroethane	"			**ND**	"	**0.0500**				
1,1-Dichloroethene	"			**ND**	"	**0.0500**				
cis-1,2-Dichloroethene	"			**ND**	"	**0.0500**				
trans-1,2-Dichloroethene	"			**ND**	"	**0.0500**				
1,2-Dichloropropane	"			**ND**	"	**0.0500**				
cis-1,3-Dichloropropene	"			**ND**	"	**0.0500**				
trans-1,3-Dichloropropene	"			**ND**	"	**0.0500**				
Methylene chloride	"			**0.752**	"	**0.500**				4
1,1,2,2-Tetrachloroethane	"			**ND**	"	**0.0500**				
Tetrachloroethene	"			**ND**	"	**0.0500**				
1,1,1-Trichloroethane	"			**ND**	"	**0.0500**				
1,1,2-Trichloroethane	"			**ND**	"	**0.0500**				
Trichloroethene	"			**ND**	"	**0.0500**				
Trichlorofluoromethane	"			**ND**	"	**0.0500**				
Vinyl chloride	"			**ND**	"	**0.0500**				
Surrogate: 4-BFB (ELCD)	"	*2.00*		*1.99*	"	*50.0-150*	*99.5*			
LCS	**0980698-BS1**									
Chlorobenzene	9/22/98	1.00		0.874	mg/kg dry	60.0-140	87.4			
1,1-Dichloroethene	"	1.00		0.992	"	60.0-140	99.2			
Trichloroethene	"	1.00		1.00	"	60.0-140	100			
Surrogate: 4-BFB (ELCD)	"	*2.00*		*1.75*	"	*50.0-150*	*87.5*			

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Matthew Essig, Project Manager

NORTH CREEK ANALYTICAL
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Secor-California	Project:	Chevron #9-6489	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/24/98 14:46

Halogenated Volatile Organics by EPA Method 8021B (modified)/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike	**0980698-MS1**		**B809512-02**							
Chlorobenzene	9/22/98	1.05	ND	0.870	mg/kg dry	60.0-140	**82.9**			
1,1-Dichloroethene	"	1.05	ND	0.882	"	60.0-140	**84.0**			
Trichloroethene	"	1.05	ND	0.919	"	60.0-140	**87.5**			
Surrogate: 4-BFB (ELCD)	"	*2.10*		*1.85*	"	*50.0-150*	*88.1*			
Matrix Spike Dup	**0980698-MSD1**		**B809512-02**							
Chlorobenzene	9/22/98	1.05	ND	0.887	mg/kg dry	60.0-140	**84.5**	30.0	**1.91**	
1,1-Dichloroethene	"	1.05	ND	0.876	"	60.0-140	**83.4**	30.0	**0.717**	
Trichloroethene	"	1.05	ND	0.963	"	60.0-140	**91.7**	30.0	**4.69**	
Surrogate: 4-BFB (ELCD)	"	*2.10*		*1.90*	"	*50.0-150*	*90.5*			

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/24/98 14:46

Polychlorinated Biphenyls by EPA Method 8082/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980675	**Date Prepared: 9/21/98**					**Extraction Method: EPA 3580A**				
Blank	**0980675-BLK1**									
Aroclor 1016	9/23/98			**ND**	ug/kg dry	**50.0**				
Aroclor 1221	"			**ND**	"	**50.0**				
Aroclor 1232	"			**ND**	"	**50.0**				
Aroclor 1242	"			**ND**	"	**50.0**				
Aroclor 1248	"			**ND**	"	**50.0**				
Aroclor 1254	"			**ND**	"	**50.0**				
Aroclor 1260	"			**ND**	"	**50.0**				
Aroclor 1262	"			**ND**	"	**50.0**				
Aroclor 1268	"			**ND**	"	**50.0**				
Surrogate: TCX	"	*6.67*		*6.44*	"	*40.0-130*	*96.6*			
LCS	**0980675-BS1**									
Aroclor 1260	9/23/98	333		213	ug/kg dry	44.0-123	64.0			
Surrogate: TCX	"	*6.67*		*6.89*	"	*40.0-130*	*103*			
Matrix Spike	**0980675-MS1**		**B809380-06**							
Aroclor 1260	9/23/98	985	ND	629	ug/kg dry	28.0-132	**63.9**			
Surrogate: TCX	"	*19.7*		*17.9*	"	*40.0-130*	*90.9*			
Matrix Spike Dup	**0980675-MSD1**		**B809380-06**							
Aroclor 1260	9/23/98	985	ND	475	ug/kg dry	28.0-132	**48.2**	23.0	**28.0**	
Surrogate: TCX	"	*19.7*		*17.8*	"	*40.0-130*	*90.4*			

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/24/98 14:46

Notes and Definitions

#	Note
1	Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
2	Methylene chloride is a suspected laboratory contaminant. Please refer to the Method Blank.
3	The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
4	Methylene chloride is a suspected laboratory contaminant.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

North Creek Analytical - Bothell

Matthew Essig, Project Manager

B809512

Chain-of-Custody-Record

0090

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

Chevron Facility Number 9-6489
Facility Address 1304 Airport Heights Road, Anchorage AK
Consultant Project Number 7G007-037-01
Consultant Name SECOR International Incorporated
Address 9912 Business Park Drive, Ste. 100, Sacramento CA 95827
Project Contact (Name) Roger Hoffmore
(Phone) 916-364-1880 (Fax Number) 916-364-1889

Chevron Contact (Name) Larry Wallace
(Phone) 925-842-9083
Laboratory Name North Creek Analytical
Laboratory Release Number 4548274
Samples Collected by (Name) Roger Hoffmore
Collection Date 9/18/98
Signature Roger Hoffmore

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)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Chlorinated HC (8010)	Non Chlorinated HC (8020)	Total Lead (AA)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	GRO (AK 101)	BTEX (8020)	DRO (AK 102)	RRO (AK 103)	PCBs (8082)	HVOCs (8021B)	Remarks
OS-1	3	S	G		1 in methanol	Yes		B809512-01					X	X	X	X	X	X	X	please fax results ASAP
OS-2	3	S	G		1 in methanol	Yes				-02			X	X	X	X	X	X	X	
																				Page me at (916)697-4143 w/questions

Analyses To Be Performed

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Roger Hoffmore	SECOR Int'l	9/20/98	Peggy Christensen	AK airlines	9-20-98 8:30
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
			S. Wildeen	NCA	9-21-98 [illegible]
Relinquished By (Signature)	Organization	Date/Time	Recieved For Laboratory By (Signature)		Date/Time

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

w/ 20.6°

COC-1.DWG/11 90/HCH

NORTH CREEK ANALYTICAL
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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled:	9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received:	9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported:	10/12/98 09:55

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
UO-F@9.5	B809573-01	Soil	9/18/98
UO-C@9.5	B809573-02	Soil	9/18/98
HO-F@9.5	B809573-03	Soil	9/18/98
HO-C@9.5	B809573-04	Soil	9/18/98

Matthew Essig, Project Manager

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East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
UO-F@9.5			**B809573-01**				**Soil**	
Gasoline Range Hydrocarbons	0980809	9/24/98	9/25/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*84.3*	%	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*72.5*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*67.5*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*56.9*	"	
UO-C@9.5			**B809573-02**				**Soil**	
Gasoline Range Hydrocarbons	0980809	9/24/98	9/25/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*89.1*	%	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*64.3*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*91.5*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*65.0*	"	

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Diesel Hydrocarbons (C10-C25) and Heavy Oil (C25-C36) by AK102 and AK103
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
UO-F@9.5			**B809573-01**				**Soil**	
Diesel Range Hydrocarbons	0980799	9/24/98	9/25/98		4.00	**14.4**	mg/kg dry	
Heavy Oil Range Hydrocarbons	"	"	"		25.0	**73.9**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*71.4*	*%*	
Surrogate: Octacosane	"	"	"	*50.0-150*		*88.5*	"	
UO-C@9.5			**B809573-02**				**Soil**	
Diesel Range Hydrocarbons	0980799	9/24/98	9/25/98		4.00	ND	mg/kg dry	
Heavy Oil Range Hydrocarbons	"	"	"		25.0	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*62.1*	*%*	
Surrogate: Octacosane	"	"	"	*50.0-150*		*86.5*	"	

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Heavy Oil Range Organics (C25-C36) by AK103
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
HO-F@9.5			**B809573-03**				**Soil**	
Heavy Oil Range Hydrocarbons	0980799	9/24/98	9/27/98		125	**682**	mg/kg dry	
Surrogate: Octacosane	"	"	"	*50.0-150*		*98.7*	%	
HO-C@9.5			**B809573-04**				**Soil**	
Heavy Oil Range Hydrocarbons	0980799	9/24/98	9/25/98		25.0	ND	mg/kg dry	
Surrogate: Octacosane	"	"	"	*50.0-150*		*84.5*	%	

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
UO-F@9.5			**B809573-01**				**Soil**	
Cadmium	1080200	10/6/98	10/9/98	EPA 6020	0.500	ND	mg/kg dry	
Chromium	"	"	"	EPA 6020	0.500	**28.2**	"	
Lead	"	"	"	EPA 6020	0.500	**7.39**	"	
Nickel	"	"	"	EPA 6020	0.500	**22.7**	"	
Zinc	"	"	"	EPA 6020	5.00	**51.3**	"	
UO-C@9.5			**B809573-02**				**Soil**	
Cadmium	1080200	10/6/98	10/9/98	EPA 6020	0.500	ND	mg/kg dry	
Chromium	"	"	"	EPA 6020	0.500	**21.8**	"	
Lead	"	"	"	EPA 6020	0.500	**5.64**	"	
Nickel	"	"	"	EPA 6020	0.500	**19.9**	"	
Zinc	"	"	"	EPA 6020	5.00	**49.8**	"	

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Halogenated Volatile Organics by EPA Method 8021B (modified)
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
UO-F@9.5			**B809573-01**				**Soil**	
Bromodichloromethane	0980913	9/28/98	9/28/98		0.0500	ND	mg/kg dry	
Bromoform	"	"	"		0.0500	ND	"	
Bromomethane	"	"	"		0.0500	ND	"	
Carbon tetrachloride	"	"	"		0.0500	ND	"	
Chlorobenzene	"	"	"		0.0500	ND	"	
Chloroethane	"	"	"		0.0500	ND	"	
Chloroform	"	"	"		0.0500	ND	"	
Chloromethane	"	"	"		0.0500	ND	"	
Dibromochloromethane	"	"	"		0.0500	ND	"	
1,2-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,3-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,4-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,1-Dichloroethane	"	"	"		0.0500	ND	"	
1,2-Dichloroethane	"	"	"		0.0500	ND	"	
1,1-Dichloroethene	"	"	"		0.0500	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.0500	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.0500	ND	"	
1,2-Dichloropropane	"	"	"		0.0500	ND	"	
cis-1,3-Dichloropropene	"	"	"		0.0500	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.0500	ND	"	
Methylene chloride	"	"	"		0.500	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		0.0500	ND	"	
Tetrachloroethene	"	"	"		0.0500	**0.0656**	"	
1,1,1-Trichloroethane	"	"	"		0.0500	ND	"	
1,1,2-Trichloroethane	"	"	"		0.0500	ND	"	
Trichloroethene	"	"	"		0.0500	ND	"	
Trichlorofluoromethane	"	"	"		0.0500	ND	"	
Vinyl chloride	"	"	"		0.0500	ND	"	
Surrogate: 4-BFB (ELCD)	"	"	"	*50.0-150*		*97.2*	*%*	
UO-C@9.5			**B809573-02**				**Soil**	
Bromodichloromethane	0980913	9/28/98	9/28/98		0.0500	ND	mg/kg dry	
Bromoform	"	"	"		0.0500	ND	"	
Bromomethane	"	"	"		0.0500	ND	"	
Carbon tetrachloride	"	"	"		0.0500	ND	"	
Chlorobenzene	"	"	"		0.0500	ND	"	
Chloroethane	"	"	"		0.0500	ND	"	
Chloroform	"	"	"		0.0500	ND	"	

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Halogenated Volatile Organics by EPA Method 8021B (modified)
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
UO-C@9.5 (continued)			**B809573-02**				**Soil**	
Chloromethane	0980913	9/28/98	9/28/98		0.0500	ND	mg/kg dry	
Dibromochloromethane	"	"	"		0.0500	ND	"	
1,2-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,3-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,4-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,1-Dichloroethane	"	"	"		0.0500	ND	"	
1,2-Dichloroethane	"	"	"		0.0500	ND	"	
1,1-Dichloroethene	"	"	"		0.0500	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.0500	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.0500	ND	"	
1,2-Dichloropropane	"	"	"		0.0500	ND	"	
cis-1,3-Dichloropropene	"	"	"		0.0500	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.0500	ND	"	
Methylene chloride	"	"	"		0.500	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		0.0500	ND	"	
Tetrachloroethene	"	"	"		0.0500	ND	"	
1,1,1-Trichloroethane	"	"	"		0.0500	ND	"	
1,1,2-Trichloroethane	"	"	"		0.0500	ND	"	
Trichloroethene	"	"	"		0.0500	ND	"	
Trichlorofluoromethane	"	"	"		0.0500	ND	"	
Vinyl chloride	"	"	"		0.0500	ND	"	
Surrogate: 4-BFB (ELCD)	"	"	"	*50.0-150*		*100*	*%*	

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Polychlorinated Biphenyls by EPA Method 8082
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
UQ-F@9.5			**B809573-01**				**Soil**	
Aroclor 1016	0980904	9/28/98	9/29/98		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*104*	%	
UQ-C@9.5			**B809573-02**				**Soil**	
Aroclor 1016	0980904	9/28/98	9/29/98		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*112*	%	

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled:	9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received:	9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported:	10/12/98 09:55

Dry Weight Determination
North Creek Analytical - Bothell

Sample Name	Lab ID	Matrix	Result	Units
UO-F@9.5	B809573-01	Soil	91.6	%
UO-C@9.5	B809573-02	Soil	95.8	%
HO-F@9.5	B809573-03	Soil	90.7	%
HO-C@9.5	B809573-04	Soil	95.5	%

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980809	**Date Prepared: 9/24/98**					**Extraction Method: EPA 5030B (P/T)**				
Blank	**0980809-BLK1**									
Gasoline Range Hydrocarbons	9/26/98			**ND**	mg/kg dry	**5.00**				
Benzene	"			**ND**	"	**0.0500**				
Toluene	"			**ND**	"	**0.0500**				
Ethylbenzene	"			**ND**	"	**0.0500**				
Xylenes (total)	"			**ND**	"	**0.100**				
Surrogate: 4-BFB (FID)	"	*2.40*		*2.29*	"	*60.0-120*	*95.4*			
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*1.76*	"	*50.0-150*	*73.3*			
Surrogate: 4-BFB (PID)	"	*2.40*		*2.43*	"	*60.0-120*	*101*			
Surrogate: a,a,a-TFT (PID)	"	*2.40*		*1.81*	"	*50.0-150*	*75.4*			
LCS	**0980809-BS1**									
Gasoline Range Hydrocarbons	9/26/98	25.0		21.7	mg/kg dry	60.0-120	86.8			
Surrogate: 4-BFB (FID)	"	*2.40*		*2.45*	"	*60.0-120*	*102*			
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*1.87*	"	*50.0-150*	*77.9*			
LCS Dup	**0980809-BSD1**									
Gasoline Range Hydrocarbons	9/26/98	25.0		23.1	mg/kg dry	60.0-120	92.4	20.0	6.25	
Surrogate: 4-BFB (FID)	"	*2.40*		*2.54*	"	*60.0-120*	*106*			
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*1.95*	"	*50.0-150*	*81.2*			
Matrix Spike	**0980809-MS1**		**B809519-01**							
Benzene	9/25/98	0.248	ND	0.255	mg/kg dry	60.0-120	**103**			
Toluene	"	0.248	ND	0.261	"	60.0-120	**105**			
Ethylbenzene	"	0.248	ND	0.227	"	60.0-120	**91.5**			
Xylenes (total)	"	0.745	ND	0.687	"	60.0-120	**92.2**			
Surrogate: 4-BFB (PID)	"	*1.19*		*1.08*	"	*60.0-120*	*90.8*			
Surrogate: a,a,a-TFT (PID)	"	*1.19*		*0.750*	"	*50.0-150*	*63.0*			
Matrix Spike Dup	**0980809-MSD1**		**B809519-01**							
Benzene	9/25/98	0.248	ND	0.261	mg/kg dry	60.0-120	**105**	20.0	**1.92**	
Toluene	"	0.248	ND	0.270	"	60.0-120	**109**	20.0	**3.74**	
Ethylbenzene	"	0.248	ND	0.240	"	60.0-120	**96.8**	20.0	**5.63**	
Xylenes (total)	"	0.745	ND	0.728	"	60.0-120	**97.7**	20.0	**5.79**	
Surrogate: 4-BFB (PID)	"	*1.19*		*1.11*	"	*60.0-120*	*93.3*			
Surrogate: a,a,a-TFT (PID)	"	*1.19*		*0.745*	"	*50.0-150*	*62.6*			

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Diesel Hydrocarbons (C10-C25) and Heavy Oil (C25-C36) by AK102 and AK103/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980799	**Date Prepared: 9/24/98**					**Extraction Method: EPA 3550B**				
Blank	**0980799-BLK1**									
Diesel Range Hydrocarbons	9/25/98			**ND**	mg/kg dry	**4.00**				
Heavy Oil Range Hydrocarbons	"			**ND**	"	**25.0**				
Surrogate: 2-FBP	"	*12.8*		*7.94*	"	*50.0-150*	*62.0*			
Surrogate: Octacosane	"	*13.5*		*11.2*	"	*50.0-150*	*83.0*			
LCS	**0980799-BS1**									
Diesel Range Hydrocarbons	9/25/98	80.0		66.8	mg/kg dry	60.0-120	83.5			
Surrogate: 2-FBP	"	*12.8*		*8.17*	"	*50.0-150*	*63.8*			
LCS	**0980799-BS2**									
Heavy Oil Range Hydrocarbons	9/25/98	80.0		82.9	mg/kg dry	60.0-100	104			1
Surrogate: Octacosane	"	*13.5*		*11.3*	"	*50.0-150*	*83.7*			
LCS Dup	**0980799-BSD1**									
Diesel Range Hydrocarbons	9/25/98	80.0		81.9	mg/kg dry	60.0-120	102	20.0	19.9	
Surrogate: 2-FBP	"	*12.8*		*9.92*	"	*50.0-150*	*77.5*			
LCS Dup	**0980799-BSD2**									
Heavy Oil Range Hydrocarbons	9/25/98	80.0		86.8	mg/kg dry	60.0-100	109	20.0	4.69	1
Surrogate: Octacosane	"	*13.5*		*12.1*	"	*50.0-150*	*89.6*			

NORTH CREEK ANALYTICAL
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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Heavy Oil Range Organics (C25-C36) by AK103/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980799	**Date Prepared: 9/24/98**					**Extraction Method: EPA 3550B**				
Blank	**0980799-BLK1**									
Heavy Oil Range Hydrocarbons	9/25/98			**ND**	mg/kg dry	**25.0**				
Surrogate: Octacosane	"	*13.5*		*11.2*	"	*50.0-150*	*83.0*			
LCS	**0980799-BS2**									
Heavy Oil Range Hydrocarbons	9/25/98	80.0		82.9	mg/kg dry	60.0-100	104			1
Surrogate: Octacosane	"	*13.5*		*11.3*	"	*50.0-150*	*83.7*			
LCS Dup	**0980799-BSD2**									
Heavy Oil Range Hydrocarbons	9/25/98	80.0		86.8	mg/kg dry	60.0-100	109	20.0	4.69	1
Surrogate: Octacosane	"	*13.5*		*12.1*	"	*50.0-150*	*89.6*			

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Total Metals by EPA 6000/7000 Series Methods/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 1080200	**Date Prepared: 10/6/98**					**Extraction Method: EPA 3050B**				
Blank	**1080200-BLK1**									
Cadmium	10/8/98			**ND**	mg/kg dry	**0.500**				
Chromium	"			**ND**	"	**0.500**				
Lead	"			**ND**	"	**0.500**				
Nickel	"			**ND**	"	**0.500**				
Zinc	"			**ND**	"	**5.00**				
LCS	**1080200-BS1**									
Cadmium	10/8/98	25.0		21.3	mg/kg dry	70.0-130	85.2			
Chromium	"	25.0		22.5	"	80.0-120	90.0			
Lead	"	25.0		23.7	"	80.0-120	94.8			
Nickel	"	25.0		23.5	"	80.0-120	94.0			
Zinc	"	25.0		22.1	"	70.0-130	88.4			
Duplicate	**1080200-DUP1**		**B809474-03**							
Cadmium	10/8/98		ND	ND	mg/kg dry			20.0		
Chromium	"		29.6	31.9	"			20.0	**7.48**	
Lead	"		5.12	5.03	"			20.0	**1.77**	
Nickel	"		29.2	24.0	"			20.0	**19.5**	
Zinc	"		47.5	42.6	"			20.0	**10.9**	
Matrix Spike	**1080200-MS1**		**B809474-03**							
Cadmium	10/9/98	20.7	ND	17.5	mg/kg dry	70.0-130	**84.5**			
Chromium	"	20.7	29.6	39.3	"	70.0-130	**46.9**			1
Lead	"	20.7	5.12	25.5	"	70.0-130	**98.5**			
Nickel	"	20.7	29.2	35.3	"	70.0-130	**29.5**			1
Zinc	"	20.7	47.5	54.1	"	70.0-130	**31.9**			1
Matrix Spike	**1080200-MS2**		**B809474-03**							
Chromium	10/9/98	466	29.6	498	mg/kg dry	70.0-130	**101**			2
Nickel	"	466	29.2	508	"	70.0-130	**103**			2
Zinc	10/8/98	466	47.5	545	"	70.0-130	**107**			2

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0104

Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Halogenated Volatile Organics by EPA Method 8021B (modified)/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980913	**Date Prepared: 9/28/98**					**Extraction Method: EPA 5030B [MeOH]**				
Blank	**0980913-BLK1**									
Bromodichloromethane	9/28/98			**ND**	mg/kg dry	**0.0500**				
Bromoform	"			**ND**	"	**0.0500**				
Bromomethane	"			**ND**	"	**0.0500**				
Carbon tetrachloride	"			**ND**	"	**0.0500**				
Chlorobenzene	"			**ND**	"	**0.0500**				
Chloroethane	"			**ND**	"	**0.0500**				
Chloroform	"			**ND**	"	**0.0500**				
Chloromethane	"			**ND**	"	**0.0500**				
Dibromochloromethane	"			**ND**	"	**0.0500**				
1,2-Dichlorobenzene	"			**ND**	"	**0.0500**				
1,3-Dichlorobenzene	"			**ND**	"	**0.0500**				
1,4-Dichlorobenzene	"			**ND**	"	**0.0500**				
1,1-Dichloroethane	"			**ND**	"	**0.0500**				
1,2-Dichloroethane	"			**ND**	"	**0.0500**				
1,1-Dichloroethene	"			**ND**	"	**0.0500**				
cis-1,2-Dichloroethene	"			**ND**	"	**0.0500**				
trans-1,2-Dichloroethene	"			**ND**	"	**0.0500**				
1,2-Dichloropropane	"			**ND**	"	**0.0500**				
cis-1,3-Dichloropropene	"			**ND**	"	**0.0500**				
trans-1,3-Dichloropropene	"			**ND**	"	**0.0500**				
Methylene chloride	"			**ND**	"	**0.500**				
1,1,2,2-Tetrachloroethane	"			**ND**	"	**0.0500**				
Tetrachloroethene	"			**ND**	"	**0.0500**				
1,1,1-Trichloroethane	"			**ND**	"	**0.0500**				
1,1,2-Trichloroethane	"			**ND**	"	**0.0500**				
Trichloroethene	"			**ND**	"	**0.0500**				
Trichlorofluoromethane	"			**ND**	"	**0.0500**				
Vinyl chloride	"			**ND**	"	**0.0500**				
Surrogate: 4-BFB (ELCD)	"	*2.00*		*2.61*	"	*50.0-150*	*130*			
LCS	**0980913-BS1**									
Chlorobenzene	9/28/98	1.00		0.849	mg/kg dry	60.0-140	84.9			
1,1-Dichloroethene	"	1.00		0.918	"	60.0-140	91.8			
Trichloroethene	"	1.00		0.940	"	60.0-140	94.0			
Surrogate: 4-BFB (ELCD)	"	*2.00*		*1.82*	"	*50.0-150*	*91.0*			

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Halogenated Volatile Organics by EPA Method 8021B (modified)/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike	**0980913-MS1**		**B809573-02**							
Chlorobenzene	9/28/98	1.04	ND	0.908	mg/kg dry	60.0-140	**87.3**			
1,1-Dichloroethene	"	1.04	ND	0.877	"	60.0-140	**84.3**			
Trichloroethene	"	1.04	ND	0.921	"	60.0-140	**88.6**			
Surrogate: 4-BFB (ELCD)	"	*2.09*		*1.99*	"	*50.0-150*	*95.2*			
Matrix Spike Dup	**0980913-MSD1**		**B809573-02**							
Chlorobenzene	9/28/98	1.04	ND	0.901	mg/kg dry	60.0-140	**86.6**	30.0	**0.805**	
1,1-Dichloroethene	"	1.04	ND	0.883	"	60.0-140	**84.9**	30.0	**0.709**	
Trichloroethene	"	1.04	ND	0.952	"	60.0-140	**91.5**	30.0	**3.22**	
Surrogate: 4-BFB (ELCD)	"	*2.09*		*1.91*	"	*50.0-150*	*91.4*			

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0106
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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Polychlorinated Biphenyls by EPA Method 8082/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980904	**Date Prepared: 9/28/98**					**Extraction Method: EPA 3550B**				
Blank	**0980904-BLK1**									
Aroclor 1016	9/29/98			**ND**	ug/kg dry	**50.0**				
Aroclor 1221	"			**ND**	"	**50.0**				
Aroclor 1232	"			**ND**	"	**50.0**				
Aroclor 1242	"			**ND**	"	**50.0**				
Aroclor 1248	"			**ND**	"	**50.0**				
Aroclor 1254	"			**ND**	"	**50.0**				
Aroclor 1260	"			**ND**	"	**50.0**				
Aroclor 1262	"			**ND**	"	**50.0**				
Aroclor 1268	"			**ND**	"	**50.0**				
Surrogate: TCX	"	*6.67*		*5.50*	"	*40.0-130*	*82.5*			
LCS	**0980904-BS1**									
Aroclor 1260	9/29/98	333		300	ug/kg dry	44.0-123	90.1			
Surrogate: TCX	"	*6.67*		*4.93*	"	*40.0-130*	*73.9*			
Matrix Spike	**0980904-MS1**		**B809386-06**							
Aroclor 1260	9/29/98	365	ND	301	ug/kg dry	28.0-132	**82.5**			
Surrogate: TCX	"	*7.31*		*5.82*	"	*40.0-130*	*79.6*			
Matrix Spike Dup	**0980904-MSD1**		**B809386-06**							
Aroclor 1260	9/29/98	365	ND	303	ug/kg dry	28.0-132	**83.0**	23.0	**0.604**	
Surrogate: TCX	"	*7.31*		*6.11*	"	*40.0-130*	*83.6*			

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/18/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/21/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/12/98 09:55

Notes and Definitions

#	Note
1	The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
2	Post-digestion Matrix Spike.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

Chain-of-Custody-Record

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

Chevron Facility Number: 9-6489
Facility Address: 1304 Airport Heights Road, Anchorage AK
Consultant Project Number: 76007-037-01
Consultant Name: SECOR International Inc.
Address: 9912 Business Pk Dr. #100, Sacramento CA 95827
Project Contact (Name): Roger Hoffmore
(Phone) 916-364-1880 (Fax Number) 916-364-1889

Chevron Contact (Name): Larry Wallace
(Phone) 925-842-9083
Laboratory Name: North Creek Analytical
Laboratory Release Number: 454827A
Samples Collected by (Name): Roger Hoffmore
Collection Date: 9/18/98
Signature: Roger Hoffmore

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)	TPH Diesel (8015)	Oil and Grease (5520)	Chlorinated HC (8010)	Non-Chlorinated HC (8020)	Total Lead (AA)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	GRO (AK 101)	BTEX (8020)	DRO (AK 102)	RRO (AK 103)	PLBs (8082)	HVOCs (8021B)	Remarks
HO-F@9½'	3	S	D		1 in methanol	Yes							X	X	X	X	X	X	X	
HO-C@9½'	3	↓	↓		↓	↓							X	X	X	X	X	X	X	
HO-F@9½'	3	↓	↓		↓	↓							X	X	X	X	X	X	X	
HO-C@9½'	3	↓	↓		↓	↓							X	X	X	X	X	X	X	

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Roger Hoffmore	SECOR Int'l	9/20/98		NCAB	9/23/98 0930
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

7.4°

COC-1.DWG/11 90/HCH

09/22/98 TUE 23:59 FAX 9013448110 NINO S DIAMOND BLVD 002

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0109

Secor-California	Project:	Chevron #9-6489, #4548274	Sampled:	9/29/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received:	9/30/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported:	10/15/98 16:10

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
D-1@2'	B809775-01	Soil	9/29/98
D-2@2'	B809775-02	Soil	9/29/98
D-3@2'	B809775-03	Soil	9/29/98
D-4@2'	B809775-04	Soil	9/29/98
Methanol Blank	B809775-06	Soil	9/29/98

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/29/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/30/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/15/98 16:10

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
D-1@2'			**B809775-01**				**Soil**	
Gasoline Range Hydrocarbons	1080422	10/12/98	10/13/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	**0.0995**	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	**0.227**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*98.2*	%	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*67.7*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*97.4*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*66.8*	"	
D-2@2'			**B809775-02**				**Soil**	
Gasoline Range Hydrocarbons	1080422	10/12/98	10/12/98		20.0	**23.9**	mg/kg dry	
Benzene	"	"	"		0.200	ND	"	
Toluene	"	"	"		0.200	ND	"	
Ethylbenzene	"	"	"		0.200	ND	"	
Xylenes (total)	"	"	"		0.400	**1.32**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*97.5*	%	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*88.5*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*95.5*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*70.7*	"	
D-3@2'			**B809775-03**				**Soil**	
Gasoline Range Hydrocarbons	1080422	10/12/98	10/12/98		20.0	**30.1**	mg/kg dry	
Benzene	"	"	"		0.200	**0.294**	"	
Toluene	"	"	"		0.200	**2.23**	"	
Ethylbenzene	"	"	"		0.200	**0.423**	"	
Xylenes (total)	"	"	"		0.400	**3.44**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*115*	%	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*97.3*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*97.3*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*71.6*	"	
D-4@2'			**B809775-04**				**Soil**	
Gasoline Range Hydrocarbons	1080422	10/12/98	10/13/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	**0.0728**	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Matthew Essig, Project Manager

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0111

Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/29/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/30/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/15/98 16:10

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
D-4@2' (continued)			**B809775-04**				**Soil**	
Surrogate: 4-BFB (FID)	*1080422*	*10/12/98*	*10/13/98*	*60.0-120*		*87.4*	*%*	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*64.2*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*90.3*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*63.7*	"	
Methanol Blank			**B809775-06**				**Soil**	
Gasoline Range Hydrocarbons	1080422	10/12/98	10/13/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*89.2*	*%*	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*68.7*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*95.4*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*71.2*	"	

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0112

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/29/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/30/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/15/98 16:10

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
D-1@2'			**B809775-01**				**Soil**	
Lead	1080435	10/12/98	10/14/98	EPA 6020	0.500	**19.6**	mg/kg dry	
D-2@2'			**B809775-02**				**Soil**	
Lead	1080435	10/12/98	10/14/98	EPA 6020	0.500	**31.2**	mg/kg dry	
D-3@2'			**B809775-03**				**Soil**	
Lead	1080435	10/12/98	10/14/98	EPA 6020	0.500	**26.2**	mg/kg dry	
D-4@2'			**B809775-04**				**Soil**	
Lead	1080435	10/12/98	10/14/98	EPA 6020	0.500	**7.12**	mg/kg dry	

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled:	9/29/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received:	9/30/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported:	10/15/98 16:10

Dry Weight Determination
North Creek Analytical - Bothell

Sample Name	Lab ID	Matrix	Result	Units
D-1@2'	B809775-01	Soil	92.2	%
D-2@2'	B809775-02	Soil	92.6	%
D-3@2'	B809775-03	Soil	92.5	%
D-4@2'	B809775-04	Soil	95.6	%
Methanol Blank	B809775-06	Soil	100	%

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/29/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/30/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/15/98 16:10

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 1080422	**Date Prepared: 10/12/98**					**Extraction Method: EPA 5030B (P/T)**				
Blank	**1080422-BLK1**									
Gasoline Range Hydrocarbons	10/13/98			**ND**	mg/kg dry	**5.00**				
Benzene	"			**ND**	"	**0.0500**				
Toluene	"			**ND**	"	**0.0500**				
Ethylbenzene	"			**ND**	"	**0.0500**				
Xylenes (total)	"			**ND**	"	**0.100**				
Surrogate: 4-BFB (FID)	"	*2.40*		*2.58*	"	*60.0-120*	*107*			
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*2.04*	"	*50.0-150*	*85.0*			
Surrogate: 4-BFB (PID)	"	*2.40*		*2.44*	"	*60.0-120*	*102*			
Surrogate: a,a,a-TFT (PID)	"	*2.40*		*1.87*	"	*50.0-150*	*77.9*			
LCS	**1080422-BS1**									
Gasoline Range Hydrocarbons	10/13/98	25.0		22.3	mg/kg dry	60.0-120	89.2			
Surrogate: 4-BFB (FID)	"	*2.40*		*2.56*	"	*60.0-120*	*107*			
LCS Dup	**1080422-BSD1**									
Gasoline Range Hydrocarbons	10/13/98	25.0		26.2	mg/kg dry	60.0-120	105	20.0	16.3	
Surrogate: 4-BFB (FID)	"	*2.40*		*2.60*	"	*60.0-120*	*108*			
Matrix Spike	**1080422-MS1**		**B809775-01**							
Benzene	10/13/98	0.238	ND	0.249	mg/kg dry	60.0-120	**105**			
Toluene	"	0.238	0.0995	0.323	"	60.0-120	**93.9**			
Ethylbenzene	"	0.238	ND	0.239	"	60.0-120	**100**			
Xylenes (total)	"	0.713	0.227	0.899	"	60.0-120	**94.2**			
Surrogate: 4-BFB (PID)	"	*1.14*		*1.18*	"	*60.0-120*	*104*			
Matrix Spike Dup	**1080422-MSD1**		**B809775-01**							
Benzene	10/13/98	0.238	ND	0.250	mg/kg dry	60.0-120	**105**	20.0	**0**	
Toluene	"	0.238	0.0995	0.322	"	60.0-120	**93.5**	20.0	**0.427**	
Ethylbenzene	"	0.238	ND	0.241	"	60.0-120	**101**	20.0	**0.995**	
Xylenes (total)	"	0.713	0.227	0.902	"	60.0-120	**94.7**	20.0	**0.529**	
Surrogate: 4-BFB (PID)	"	*1.14*		*1.16*	"	*60.0-120*	*102*			

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Matthew Essig, Project Manager

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

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Secor-California	Project:	Chevron #9-6489, #4548274	Sampled: 9/29/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/30/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 10/15/98 16:10

Total Metals by EPA 6000/7000 Series Methods/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 1080435	**Date Prepared: 10/12/98**					**Extraction Method: EPA 3050B**				
Blank	**1080435-BLK1**									
Lead	10/14/98			**ND**	mg/kg dry	**0.500**				
LCS	**1080435-BS1**									
Lead	10/14/98	25.0		25.0	mg/kg dry	80.0-120	100			
Duplicate	**1080435-DUP1**		**B810044-02**							
Lead	10/14/98		2.26	2.15	mg/kg dry			20.0	**4.99**	
Matrix Spike	**1080435-MS1**		**B810044-02**							
Lead	10/14/98	27.8	2.26	29.8	mg/kg dry	70.0-130	**99.1**			

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Secor-California		Project:	Chevron #9-6489, #4548274	Sampled:	9/29/98
9912 Business Park Dr #100		Project Number:	7G007-037-01	Received:	9/30/98
Sacramento, CA 95827		Project Manager:	Roger Hoffmore	Reported:	10/15/98 16:10

Notes and Definitions

#	Note
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

North Creek Analytical - Bothell

Matthew Essig, Project Manager

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East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132

Chain-of-Custody-Record

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

Chevron Facility Number: 9-6459
Facility Address: 1364 Airport Heights Dr., Anchorage AK
Consultant Project Number: 76007-037-01
Consultant Name: SECOR Int'l Inc.
Address: 9912 Business Pk. Dr. #110, Sacramento CA 95827
Project Contact (Name): Roger Hoffmore
(Phone) 916-364-1880 (Fax Number) 916-364-1889

Chevron Contact (Name): ~~Pete Cochran~~ Larry Wallace
(Phone) 925-842-~~9655~~ 9083
Laboratory Name: North Creek Analytical
Laboratory Release Number: 45548274
Samples Collected by (Name): Roger Hoffmore
Collection Date: 9/29/98
Signature: Roger Hoffmore

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)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Chlorinated HC (8010)	Non Chlorinated HC (8020)	Total Lead ~~(7420)~~	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	GRO (AK101)	BTEX (8020)		B809775	Remarks
D-1@2'	2	S	G		1 in methanol	Yes						X		X	X		B809775	-01
D-2@2'	↓	↓	↓		↓	↓						X		X	X			-02
D-3@2'	↓	↓	↓		↓	↓						X		X	X			-03
D-4@2'	↓	↓	↓		↓	↓						X		X	X			-04
TB	1		W			↓								X	X			-05
Meth. Blank	1					↓								X	X			-06

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Roger Hoffmore	SECOR Int'l	9/29/98		ASAIR	9/29 1205 PM
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Connie			Cathy Mikolo	NCA	9/30/98 17:30
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

0117

COC-1.DWG/11 90/HCH

NORTH CREEK ANALYTICAL
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Secor-California	Project:	Chevron #9-6489	Sampled: 9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/25/98 14:09

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
SP-1	B809576-01	Soil	9/22/98
SP-2	B809576-02	Soil	9/22/98
SP-3	B809576-03	Soil	9/22/98
SP-4	B809576-04	Soil	9/22/98
SP-5	B809576-05	Soil	9/22/98
SP-6	B809576-06	Soil	9/22/98
SP-7	B809576-07	Soil	9/22/98
SP-8	B809576-08	Soil	9/22/98
SP-9	B809576-09	Soil	9/22/98
SP-10	B809576-10	Soil	9/22/98
SP-11	B809576-11	Soil	9/22/98
SP-12	B809576-12	Soil	9/22/98
SP-13	B809576-13	Soil	9/22/98
SP-14	B809576-14	Soil	9/22/98
Methanol TB	B809576-15	Soil	9/22/98
Eq B-1	B809576-16	Water	9/22/98
Dup-1	B809576-17	Soil	9/22/98
Dup-2	B809576-18	Soil	9/22/98

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.

Matthew Essig, Project Manager

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/25/98 14:09

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
SP-1			**B809576-01**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*125*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*82.7*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*121*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*76.7*	"	
SP-2			**B809576-02**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*117*	*%*	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*81.7*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*117*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*77.1*	"	
SP-3			**B809576-03**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*129*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*80.2*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*129*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*76.2*	"	
SP-4			**B809576-04**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Matthew Essig, Project Manager

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

0120

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/25/98 14:09

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
SP-4 (continued)			**B809576-04**				**Soil**	
Surrogate: 4-BFB (FID)	*0980762*	*9/23/98*	*9/24/98*	*60.0-120*		*121*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*77.7*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*122*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*75.6*	"	
SP-5			**B809576-05**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	2
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*135*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*81.3*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*123*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*72.5*	"	
SP-6			**B809576-06**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*135*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*87.3*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*131*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*80.6*	"	
SP-7			**B809576-07**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*125*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*79.2*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*125*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*75.6*	"	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Matthew Essig, Project Manager

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Environmental Laboratory Services

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/25/98 14:09

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
SP-8			**B809576-08**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*122*	%	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*80.2*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*124*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*78.7*	"	
SP-9			**B809576-09**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*135*	%	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*79.3*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*133*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*74.8*	"	
SP-10			**B809576-10**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*125*	%	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*79.9*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*122*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*75.9*	"	
SP-11			**B809576-11**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	

NORTH CREEK ANALYTICAL
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Secor-California	Project:	Chevron #9-6489	Sampled: 9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/25/98 14:09

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
SP-11 (continued)			**B809576-11**				**Soil**	
Surrogate: 4-BFB (FID)	*0980762*	*9/23/98*	*9/24/98*	*60.0-120*		*127*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*79.4*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*125*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*75.6*	"	
SP-12			**B809576-12**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	**0.100**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*152*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*83.9*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*140*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*80.1*	"	
SP-13			**B809576-13**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*137*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*81.8*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*139*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*80.0*	"	
SP-14			**B809576-14**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*110*	*%*	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*74.9*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*118*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*76.2*	"	

NORTH CREEK ANALYTICAL
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Secor-California	Project:	Chevron #9-6489	Sampled: 9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/25/98 14:09

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
Methanol TB			**B809576-15**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*116*	*%*	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*84.6*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*120*	"	
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*82.9*	"	
Eq B-1			**B809576-16**				**Water**	
Gasoline Range Hydrocarbons	0980737	9/23/98	9/24/98		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	**1.56**	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*108*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*98.8*	"	
Dup-1			**B809576-17**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*123*	*%*	*1*
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*81.4*	"	
Surrogate: 4-BFB (PID)	"	"	"	*60.0-120*		*124*	"	*1*
Surrogate: a,a,a-TFT (PID)	"	"	"	*50.0-150*		*78.8*	"	
Dup-2			**B809576-18**				**Soil**	
Gasoline Range Hydrocarbons	0980762	9/23/98	9/24/98		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*60.0-120*		*120*	*%*	
Surrogate: a,a,a-TFT (FID)	"	"	"	*50.0-150*		*78.1*	"	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Matthew Essig, Project Manager

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Secor-California	Project:	Chevron #9-6489	Sampled:	9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received:	9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported:	9/25/98 14:09

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
Dup-2 (continued)			**B809576-18**				**Soil**	
Surrogate: 4-BFB (PID)	*0980762*	*9/23/98*	*9/24/98*	*60.0-120*		*126*	*%*	*1*
Surrogate: a,a,a-TFT (PID)	*"*	*"*	*"*	*50.0-150*		*80.3*	*"*	

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/25/98 14:09

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SP-1			**B809576-01**				Soil	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**12.3**	mg/kg dry	
SP-2			**B809576-02**				Soil	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**5.88**	mg/kg dry	
SP-3			**B809576-03**				Soil	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**5.69**	mg/kg dry	
SP-4			**B809576-04**				Soil	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**5.86**	mg/kg dry	
SP-5			**B809576-05**				Soil	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**18.7**	mg/kg dry	
SP-6			**B809576-06**				Soil	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**17.3**	mg/kg dry	
SP-7			**B809576-07**				Soil	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**15.7**	mg/kg dry	
SP-8			**B809576-08**				Soil	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**22.1**	mg/kg dry	
SP-9			**B809576-09**				Soil	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**8.03**	mg/kg dry	
SP-10			**B809576-10**				Soil	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**6.06**	mg/kg dry	
SP-11			**B809576-11**				Soil	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**7.20**	mg/kg dry	
SP-12			**B809576-12**				Soil	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**4.71**	mg/kg dry	
SP-13			**B809576-13**				Soil	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**22.2**	mg/kg dry	

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/25/98 14:09

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SP-14			**B809576-14**				**Soil**	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**6.70**	mg/kg dry	
Dup-1			**B809576-17**				**Soil**	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**7.22**	mg/kg dry	
Dup-2			**B809576-18**				**Soil**	
Lead	0980751	9/23/98	9/24/98	EPA 6020	0.500	**6.40**	mg/kg dry	

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Secor-California	Project:	Chevron #9-6489	Sampled:	9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received:	9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported:	9/25/98 14:09

Dry Weight Determination
North Creek Analytical - Bothell

Sample Name	Lab ID	Matrix	Result	Units
SP-1	B809576-01	Soil	95.1	%
SP-2	B809576-02	Soil	95.9	%
SP-3	B809576-03	Soil	96.1	%
SP-4	B809576-04	Soil	95.1	%
SP-5	B809576-05	Soil	94.4	%
SP-6	B809576-06	Soil	95.5	%
SP-7	B809576-07	Soil	94.6	%
SP-8	B809576-08	Soil	93.1	%
SP-9	B809576-09	Soil	95.1	%
SP-10	B809576-10	Soil	95.2	%
SP-11	B809576-11	Soil	95.4	%
SP-12	B809576-12	Soil	96.4	%
SP-13	B809576-13	Soil	105	%
SP-14	B809576-14	Soil	96.3	%
Methanol TB	B809576-15	Soil	100	%
Dup-1	B809576-17	Soil	88.7	%
Dup-2	B809576-18	Soil	94.9	%

Matthew Essig, Project Manager

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0128

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/25/98 14:09

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980737	**Date Prepared: 9/23/98**					**Extraction Method: EPA 5030B (P/T)**				
Blank	**0980737-BLK1**									
Gasoline Range Hydrocarbons	9/23/98			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**1.00**				
Surrogate: 4-BFB (FID)	"	*48.0*		*49.0*	"	*60.0-120*	*102*			
Surrogate: 4-BFB (PID)	"	*48.0*		*49.9*	"	*60.0-120*	*104*			
LCS	**0980737-BS1**									
Gasoline Range Hydrocarbons	9/23/98	500		435	ug/l	60.0-120	87.0			
Surrogate: 4-BFB (FID)	"	*48.0*		*58.2*	"	*60.0-120*	*121*			*3*
LCS Dup	**0980737-BSD1**									
Gasoline Range Hydrocarbons	9/24/98	500		431	ug/l	60.0-120	86.2	20.0	0.924	
Surrogate: 4-BFB (FID)	"	*48.0*		*56.6*	"	*60.0-120*	*118*			
Matrix Spike	**0980737-MS1**		**B809331-02**							
Benzene	9/23/98	10.0	ND	10.1	ug/l	60.0-120	**101**			
Toluene	"	10.0	ND	10.0	"	60.0-120	**100**			
Ethylbenzene	"	10.0	ND	9.58	"	60.0-120	**95.8**			
Xylenes (total)	"	30.0	ND	28.7	"	60.0-120	**95.7**			
Surrogate: 4-BFB (PID)	"	*48.0*		*52.5*	"	*60.0-120*	*109*			
Matrix Spike Dup	**0980737-MSD1**		**B809331-02**							
Benzene	9/23/98	10.0	ND	10.1	ug/l	60.0-120	**101**	20.0	**0**	
Toluene	"	10.0	ND	9.96	"	60.0-120	**99.6**	20.0	**0.401**	
Ethylbenzene	"	10.0	ND	9.61	"	60.0-120	**96.1**	20.0	**0.313**	
Xylenes (total)	"	30.0	ND	28.8	"	60.0-120	**96.0**	20.0	**0.313**	
Surrogate: 4-BFB (PID)	"	*48.0*		*52.2*	"	*60.0-120*	*109*			
Batch: 0980762	**Date Prepared: 9/23/98**					**Extraction Method: EPA 5030B (P/T)**				
Blank	**0980762-BLK1**									
Gasoline Range Hydrocarbons	9/24/98			**ND**	mg/kg dry	**5.00**				
Benzene	"			**ND**	"	**0.0500**				
Toluene	"			**ND**	"	**0.0500**				
Ethylbenzene	"			**ND**	"	**0.0500**				
Xylenes (total)	"			**ND**	"	**0.100**				

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**Refer to end of report for text of notes and definitions.*

Matthew Essig, Project Manager

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/25/98 14:09

Gasoline Hydrocarbons (n-Hexane to <n-Decane) and BTEX by AK101 and EPA 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**0980762-BLK1**									
Surrogate: 4-BFB (FID)	*9/24/98*	*2.40*		*2.83*	*mg/kg dry*	*60.0-120*	*118*			
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*2.07*	"	*50.0-150*	*86.2*			
Surrogate: 4-BFB (PID)	"	*2.40*		*2.87*	"	*60.0-120*	*120*			
Surrogate: a,a,a-TFT (PID)	"	*2.40*		*1.96*	"	*50.0-150*	*81.7*			
LCS	**0980762-BS1**									
Gasoline Range Hydrocarbons	9/24/98	25.0		22.9	mg/kg dry	60.0-120	91.6			
Surrogate: 4-BFB (FID)	"	*2.40*		*3.23*	"	*60.0-120*	*135*			*3*
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*2.17*	"	*50.0-150*	*90.4*			
LCS Dup	**0980762-BSD1**									
Gasoline Range Hydrocarbons	9/24/98	25.0		23.2	mg/kg dry	60.0-120	92.8	20.0	1.30	
Surrogate: 4-BFB (FID)	"	*2.40*		*3.14*	"	*60.0-120*	*131*			*3*
Surrogate: a,a,a-TFT (FID)	"	*2.40*		*2.15*	"	*50.0-150*	*89.6*			
Matrix Spike	**0980762-MS1**		**B809576-08**							
Benzene	9/24/98	0.247	ND	0.255	mg/kg dry	60.0-120	**103**			
Toluene	"	0.247	ND	0.248	"	60.0-120	**100**			
Ethylbenzene	"	0.247	ND	0.239	"	60.0-120	**96.8**			
Xylenes (total)	"	0.740	ND	0.747	"	60.0-120	**101**			
Surrogate: 4-BFB (PID)	"	*1.18*		*1.49*	"	*60.0-120*	*126*			*3*
Surrogate: a,a,a-TFT (PID)	"	*1.18*		*0.849*	"	*50.0-150*	*71.9*			
Matrix Spike Dup	**0980762-MSD1**		**B809576-08**							
Benzene	9/24/98	0.247	ND	0.278	mg/kg dry	60.0-120	**113**	20.0	**9.26**	
Toluene	"	0.247	ND	0.271	"	60.0-120	**110**	20.0	**9.52**	
Ethylbenzene	"	0.247	ND	0.259	"	60.0-120	**105**	20.0	**8.13**	
Xylenes (total)	"	0.740	ND	0.821	"	60.0-120	**111**	20.0	**9.43**	
Surrogate: 4-BFB (PID)	"	*1.18*		*1.51*	"	*60.0-120*	*128*			*3*
Surrogate: a,a,a-TFT (PID)	"	*1.18*		*0.894*	"	*50.0-150*	*75.8*			

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0130

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/25/98 14:09

Total Metals by EPA 6000/7000 Series Methods/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0980751	**Date Prepared: 9/23/98**					**Extraction Method: EPA 3050B**				
Blank	**0980751-BLK1**									
Lead	9/24/98			**ND**	mg/kg dry	**0.500**				
LCS	**0980751-BS1**									
Lead	9/24/98	25.0		23.5	mg/kg dry	80.0-120	94.0			
Duplicate	**0980751-DUP1**		**B809576-14**							
Lead	9/24/98		6.70	6.14	mg/kg dry			20.0	**8.72**	
Matrix Spike	**0980751-MS1**		**B809576-14**							
Lead	9/24/98	22.8	6.70	27.2	mg/kg dry	70.0-130	**89.9**			

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0131

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Secor-California	Project:	Chevron #9-6489	Sampled: 9/22/98
9912 Business Park Dr #100	Project Number:	7G007-037-01	Received: 9/23/98
Sacramento, CA 95827	Project Manager:	Roger Hoffmore	Reported: 9/25/98 14:09

Notes and Definitions

#	Note
1	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
2	The chromatogram for this sample does not resemble a typical gasoline pattern. Please refer to the sample chromatogram.
3	The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

Chain-of-Custody-Record

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

Chevron Facility Number: 9-6489
Facility Address: 1364 Airport Heights Rd., Anchorage, AK
Consultant Project Number: 76007-037-01
Consultant Name: SECOR International Inc.
Address: 9112 Business Pk Dr. #100, Sacramento, CA 95827
Project Contact (Name): Roger Hoffmore
(Phone) 916-364-1880 (Fax Number) 916-364-1889

Chevron Contact (Name): Larry Wallace
(Phone) 925-842-9083
Laboratory Name: North Creek Analytical
Laboratory Release Number: 4548274
Samples Collected by (Name): Roger Hoffmore
Collection Date: 9/22/98
Signature: Roger Hoffmore

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)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Chlorinated HC (8010)	Non-Chlorinated HC (8020)	Total Lead	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	GRO/AK(101)	BTEX (8020)		B809576		Remarks
SP-1	2	S	G		1 in methanol	Yes						X		X	X		B809576	-01	Please FAX
SP-2																		-02	Results ASAP
SP-3																		-03	
SP-4																		-04	
SP-5																		-05	
SP-6																		-06	
SP-7																		-07	
SP-8																		-08	
SP-9																		-09	
SP-10																		-10	
SP-11																		-11	Page me ext
SP-12																		-12	916-677-4143
SP-13																		-13	w/any questions
SP-14																		-14	

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Roger Hoffmore	SECOR Int'l	9/22/98	Maryann	ASA	1130/22Sept
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
			Cathy Nichols	NCA	9/23/98 10:00
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time

Turn Around Time (Circle Choice)
10 | 20 | (24 Hrs.) | 48 Hrs. | 5 Days | 10 Days | As Contracted
10 | 0

0132

COC-1.DWG/11 90/HCH

Chain-of-Custody-Record

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

Chevron Facility Number: 9-6489
Facility Address: 1304 Airport Heights Rd, Anchorage AK
Consultant Project Number: 76607-037-01
Consultant Name: SECOR International Inc.
Address: 9112 Business Pk. Dr. #100, Sacramento CA 95827
Project Contact (Name): Roger Hoffmore
(Phone) 916-364-1880 (Fax Number) 916-364-1889

Chevron Contact (Name): Larry Wallace
(Phone) 925-842-9083
Laboratory Name: North Creek Analytical
Laboratory Release Number: 4548274
Samples Collected by (Name): Roger Hoffmore
Collection Date: 9/22/98
Signature: Roger Hoffmore

Page 2 of 2

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)	Chlorinated HC (8010)	Non Chlorinated HC (8020)	Total Lead	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	GRO (AK101)	BTEX (8020)				Remarks
Method TB	1					Yes								X	X				
EqB-1	2	W			HCl	↓								X	X				-15
Dup-1	2	S	G		1 in methanol							X		X	X				-16
Dup-2	2	S	G		↓	↓						X		X	X				-17
																			78

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Roger Hoffmore	SECOR Int'l	9/22/98	Maryia	ABA	1139/22 Sept
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

0133

COC-1.DWG/11 80/HCH