SECOR
International Incorporated

September 7, 1999
Project No. 077.41743.500

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

Re: **Site Assessment Report**
Chevron Service Station 9-1356
1456 Northern Lights Boulevard
Anchorage, Alaska
ADEC # 7

FILE

Dear Mr. Adler:

SECOR International Incorporated (SECOR) has prepared this letter on behalf of Chevron Products Company (Chevron) to document the findings and results of a site assessment performed at the site referenced above (Figure 1). This assessment included the drilling and installation of four groundwater monitoring wells (MW-1 through MW-4). The purpose of this site assessment was to evaluate the presence and extent of the petroleum hydrocarbons in soil and groundwater beneath the site. This work was performed as described in SECOR's *Work Plan for Site Assessment,* dated August 6, 1998. The scope of work outlined in the *Work Plan* was approved by the Alaska Department of Environmental Conservation (ADEC), as indicated in ADEC's letter dated June 15, 1999 (Attachment A).

SITE BACKGROUND

The site is an operating service station at the northeast corner of Northern Lights Boulevard and Minnesota Drive in Anchorage, Alaska (Figure 1). The topography of the site is relatively flat. Land use in the immediate vicinity is primarily commercial.

In May 1998, five USTs were replaced at the site (Figure 2). Analytical results from soil samples collected from the UST excavation and product line excavations indicated the presence of petroleum hydrocarbons in soil beneath the site. During UST replacement activities, approximately 1,500 tons of petroleum contaminated soil was excavated from the site and disposed of at Alaska Soil Recycling.

RECENT WELL INSTALLATION ACTIVITIES

On July 1, 1999, the drilling and installation of four groundwater monitoring wells (MW-1 through MW-4) was completed by Discovery Drilling Incorporated (Discovery) of

box set in concrete. Well construction details are shown on the boring logs included as Attachment A.

Stockpiled Soil

Approximately 5 cubic yards of soil, generated during the installation of the groundwater monitoring wells, were stockpiled onsite. Two grab samples were collected from the stockpiled soil and analyzed for GRO, BTEX, and total lead. The soil was disposed of at Alaska Soil Recycling in Anchorage, Alaska. Stockpiled soil analytical data is presented in Table 3. Certified analytical reports and chain-of-custody documentation are presented as Attachment C.

Monitoring Well Development, Depth-to-Water, and Sampling

After installation, the groundwater monitoring wells were developed by rigorously surging over the length of the screen interval and by purging ten casing volumes of water. Field and laboratory procedures are presented as Attachment C.

Depth-to-water measurements collected from wells MW-1 through MW-4 on July 3, 1999 ranged from 14.92 to 15.61 feet bgs. Based on these depth-to-water measurements and the surveyed well elevations, the groundwater gradient is to the south-southwest at 0.008 ft/ft (as shown on Figure 3).

Groundwater samples were collected from the four newly installed groundwater monitoring wells on July 3, 1999, and submitted for analysis of GRO by Alaska Method 101, BTEX compounds by EPA Method 8020, HVOCs by EPA 8260B, and PAHs by 8270C. GRO was reported in well MW-2 and MW-3 at concentrations of 5,290 ppb and 7,140 ppb. Benzene was reported in wells MW-2 and MW-3 with concentrations of 27 ppb and 64 ppb. Wells MW-1 and MW-4 were nondetect for GRO, BTEX and MtBE, but had detections of chloroform at 8 ppb and 9 ppb, respectively (Figure 2). Well MW-2 had detections of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, naphthalene, and n-propylbenzene at concentrations of 1,000 ppb, 330 ppb, 100 ppb and 100 ppb, respectively. Well MW-3 had detections of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, naphthalene, n-propylbenzene, and isopropyl benzene at concentrations of 370 ppb, 120 ppb, 70 ppb, 50 ppb, and 20 ppb, respectively. Groundwater analytical data is presented in Table 4. Field and laboratory procedures are presented as Attachment C. Certified analytical reports and chain-of-custody documentation are presented as Attachment D.

SUMMARY OF FINDINGS

- GRO and benzene were reported in soil samples at the capillary fringe in wells MW-2 and MW-3 at maximum concentrations of 929 mg/kg and 2.8 mg/kg, respectively. Toluene, ethylbenzene, and xylenes were reported in soil samples from each boring at concentrations ranging from 0.02 to 97.4 mg/kg. MtBE was not reported in any of the soil samples analyzed.

- GRO and benzene were reported in groundwater samples from well MW-2 and MW-3 at maximum concentrations of 7,140 ppb and 64 ppb. Toluene, ethylbenzene, and xylenes were reported in groundwater samples from monitoring wells MW-2 and MW-3 at concentrations ranging from 48 to 1,140 ppb.
- HVOCs and PAHs were reported in soil and groundwater at the site.
- Depth to groundwater in the newly installed groundwater monitoring wells stabilized at approximately 15 feet bgs, and groundwater flow is to the south southwest.

CONCLUSIONS

Based on the data collected during this investigation, soil and groundwater underlying the site has been impacted by petroleum hydrocarbons primarily in the area south of the former USTs and pump islands. Hydrocarbon impact to the soil and groundwater is not defined in the dowgradient direction.

Chevron will initiate monitoring and sampling the newly installed groundwater monitoring wells to confirm hydrocarbon concentrations and groundwater flow.

If you have any questions or comments regarding this letter, please feel free to call us at (916) 364-1880.

Sincerely,

SECOR International Incorporated

Rusty Benkosky
Associate Engineer

Greg Barclay
Senior Geologist

Attachments:
Table 1 - Soil Analytical Data - Soil Borings
Table 2 - Soil Geotechnical Data
Table 3 - Soil Analytical Data - Stockpiled Soil
Table 4 - Groundwater Elevation and Analytical Data
Figure 1 - Site Location Map
Figure 2 Groundwater Chemical Concentration Map
Figure 3 Groundwater Contour Map
Attachment A - ADEC Letter Dated June 15, 1999
Attachment B - Boring Logs

Attachment C - Field and Laboratory Procedures
Attachment D - Certified Analytical Reports and Chain-of-Custody Documentation
Attachment E - Survey Data

cc: Mr. Bob Cochran, Chevron Products Company

Table 1
Soil Analytical Data
Groundwater Monitoring Wells

Chevron Service Station 9-1356
1456 Northern Lights Boulevard
Anchorage, Alaska

Sample Name	Sample Depth (feet bgs)	Date Sampled	GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethly-benzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	Carbon disulfide (mg/kg)	1,2,4 trimethyl-benzene (mg/kg)	1,3,5 trimethyl-benzene (mg/kg)	Naphthalene (mg/kg)	Methylene Chloride (mg/kg)
MW-1@10	10	7/1/1999	<2.35	<0.02	**0.04**	**0**	<0.02	<0.012	**0.01**	<0.006	<0.006	<0.1269	<0.006
MW-1@15'	15	7/1/1999	--	--	--	--	--	--	**0.008**	<0.006	<0.006	<0.1290	<0.006
MW-1@20'	20	7/1/1999	<1.62	<0.02	<0.02	<0.02	<0.02	<0.012	**0.009**	<0.006	<0.006	<0.1269	<0.006
MW-2@10'	10	7/1/1999	<2.21	<0.02	**0.06**	**0.04**	**0.08**	<0.016	**0.011**	<0.008	<0.008	<0.016	**0.009**
MW-2@17'	17	7/1/1999	**929**	**3**	**4.60**	**25.40**	**97.40**	<30	<10	**80**	**20**	**<30/20***	<10
MW-3@10'	10'	7/1/1999	<1.75	<0.02	<0.02	<0.02/	<0.02	<0.010	<0.005	<0.005	<0.005	**16.9**	<0.005
MW-3@17'	17	7/1/1999	**571**	**1.90**	**31.80**	**23.20**	**96.70**	<1.2	<0.6	**4.2**	**1.2**	**2.33**	<0.6
MW-4@10'	10	7/1/1999	<2.14	<0.02	**0.07**	**0.04**	**0.11**	<0.010	<0.005	<0.005	<0.005	<0.010	<0.005
MW-4@17'	17	7/1/1999	<1.86	<0.02	**0.02**	<0.02	<0.02	<0.011	<0.006	<0.006	<0.006	<0.006	<0.006

GRO = Gasoline Range Organics by Alaska Method 101
mg/kg = milligrams per kilogram
MtBE analysis by EPA 8260 only.
All samples were analyzed for HVOC's by EPA 8260 B and PAH's by EPA 8270 C
* = PAH's for this sample were analyzed by EPA 8270 Selective Ion Mode. See analytical data for additional analyte detections.

Table 2
Geotechnical Analysis Results

Chevron Service Station 9-1356
1456 Northern Lights Boulevard
Anchorage, Alaska

Sample Name	Sample Depth	Date Sampled	Soil Moisture Content %	Total Porosity Air-Filled %	Total Porosity Water-Filled %	Dry Bulk Density g/cc	Organic Carbon mg/kg
MW-1@1'	1	7/1/1999	5	16.7	8.0	2.06	4,670
MW-1@3'	3	7/1/1999	2	0.5	44.2	1.43	11,500
MW-1@5'	5	7/1/1999	20	30.6	9.0	1.65	3,230
MW-1@10'	10	7/1/1999	20	17.4	11.0	1.98	1,300
MW-1@15'	15	7/1/1999	20	24.4	7.5	1.86	1,060

mg/kg = milligrams per kilogram
g/cc = grams per cubic centimeters
Soil Moisture Content by SM 2540B
Total Porosity, fluid saturation and sample densities by API RP-40
Organic Carbon by SM 5310 B

Table 3
Soil Analytical Data
Stockpiled Soil

Chevron Service Station 9-1356
1456 Northern Lights Boulevard
Anchorage, Alaska

Sample Name	Date Sampled	GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total Lead (mg/kg)
S-1	7/1/1999	51.1	0.3	2.08	1.45	6.26	3.96
S-2	7/1/1999	11	0.08	1.11	0.35	1.60	7.15

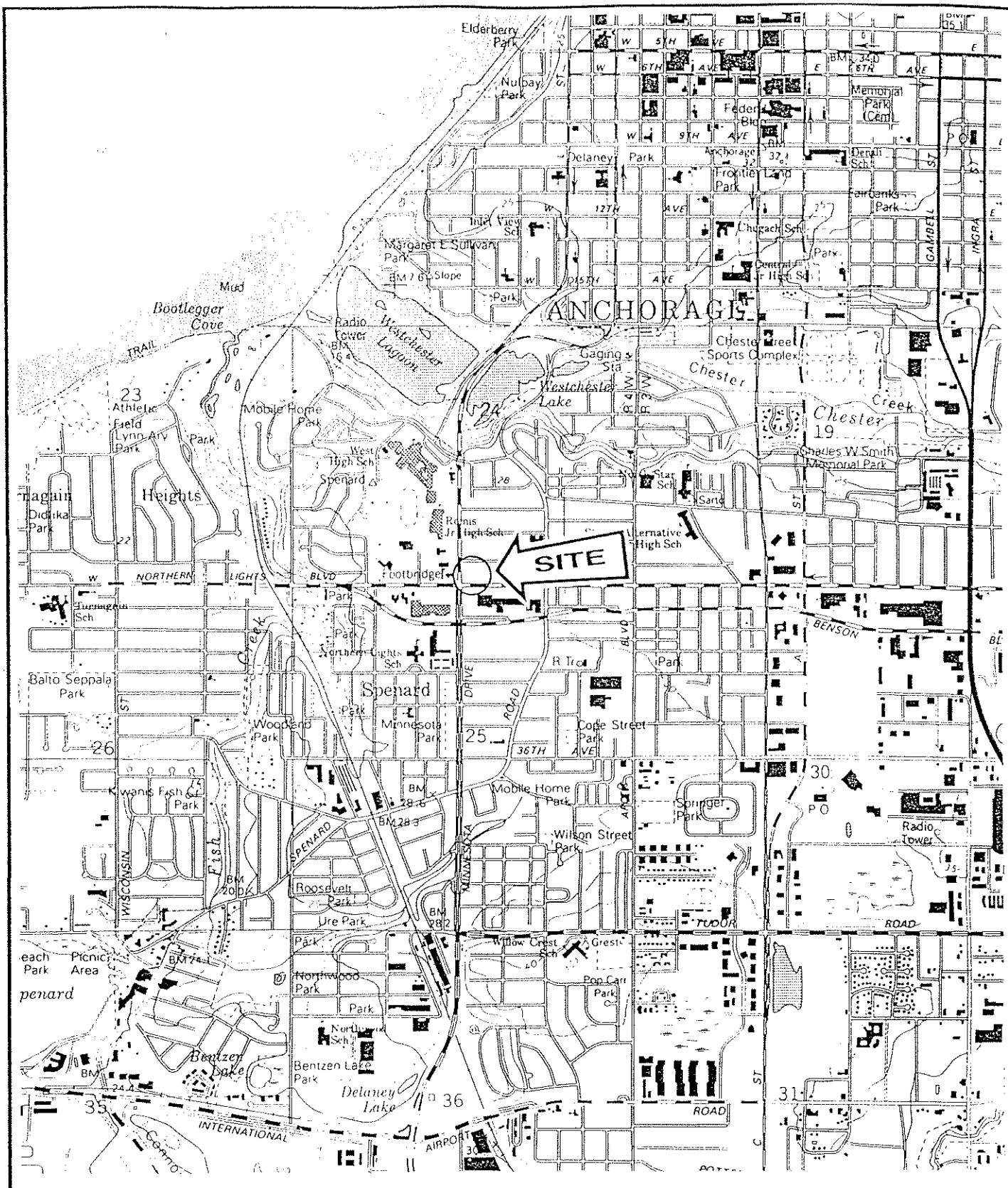
GRO = Gasoline Range Organics
RRO = Residual Range Organics
mg/kg = milligrams per kilograms
ND = Nondetectable above reporting limits

Table 4
Groundwater Elevation and Analytical Data

Chevron 9-1356
1456 Northern Lights Boulevard
Anchorage, Alaska

Sample Name	Date Sampled	Well Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet,MSL)	GRO (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Chloroform (ppb)	1,2,4 trimethyl-benzene (ppb)	1,3,5 trimethyl-benzene (ppb)	Naphthalene (ppb)	n-propyl benzen (ppb)	isopropyl benzene (ppb)
MW-1	7/3/99	95.30	15.61	79.69	<50	<0.50	<0.50	<0.50/	<0.50	<2.0	8.36	<2.0	<1.0	<2.0	<1.0	<1.0
MW-2	7/3/99	94.61	15.30	79.31	7,140	27	48	258	1,140	<100	<50	1,030	331	105	100	<50
MW-3	7/3/99	93.57	14.92	78.65	5,290	64	349	279	781	<20	<10	374	121	71.8	54.6	18.0
MW-4	7/3/99	94.66	15.01	79.65	<50	<0.50	<0.50	<0.50	<0.50	<2.0	8.80	<2.0	<1.0	<2.0	<1.0	<1.0

GRO = Gasoline Range Organics
ppb = parts per billion
BTEX analysis = EPA 8020/8260
All samples were analyzed for HVOC's by EPA 8260 B and PAH's by EPA 8270 C
* = Analysis completed by EPA 8260



REFERENCE: U.S. GEOLOGICAL SURVEY, 7.5 MINUTE SERIES ANCHORAGE NW, ALASKA QUADRANGLE. PHOTOREVISED 1994.

NORTH

0 2000 4000

SCALE FEET

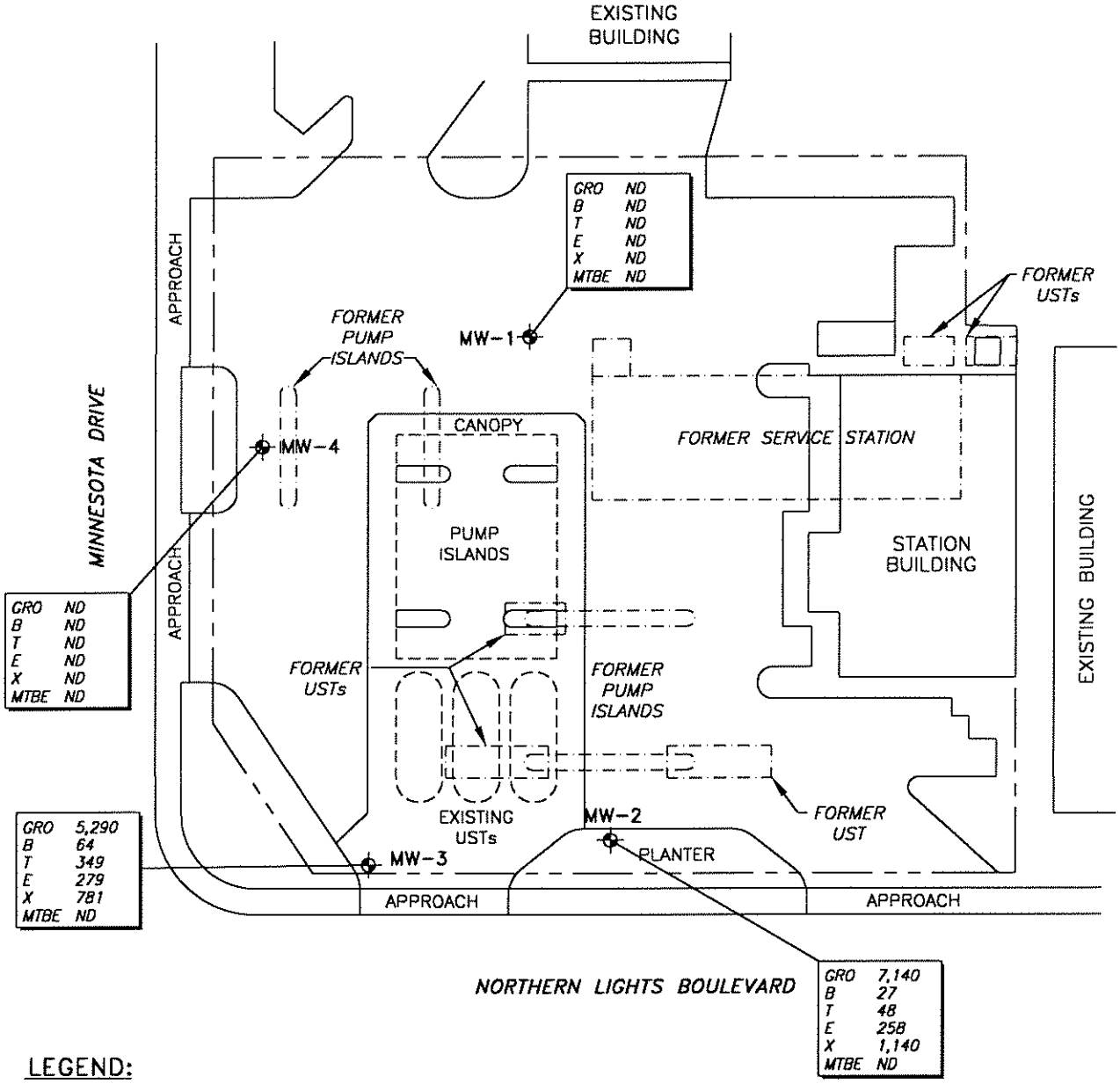
SECOR
INTERNATIONAL INCORPORATED

DRAWN	RDP
APPR	RB
DATE	16JUL98
JOB NO.	7G600-030-02

FIGURE 1
CHEVRON SERVICE STATION 9-1356
1456 NORTHERN LIGHTS BOULEVARD & MINNESOTA DRIVE
ANCHORAGE, ALASKA

SITE LOCATION MAP

199801 281440 E:\SITE-LOC



LEGEND:

MW-1 GROUNDWATER MONITORING WELL

APPROXIMATE PROPERTY BOUNDARY

ANALYTES:

GRO — GASOLINE RANGE ORGANICS

B — BENZENE

T — TOLUENE

E — ETHYLBENZENE

X — XYLENES

MTBE — METHYL TERTIARY BUTYL ETHER

ND — NOT DETECTED AT OR ABOVE THE LABORATORY REPORTING LIMIT

0 40 80

APPROXIMATE SCALE FEET

REFERENCE: THIS FIGURE IS BASED ON A "SITE PLAN" PROVIDED BY RHL GROUP, INC., DATED APRIL 7, 1998, AND IS INTENDED FOR ILLUSTRATION ONLY.

SECOR International Incorporated

DRAWN	TJZ
APPR	GB
DATE	16AUG99
JOB NO.	077.41743.500

FIGURE 2

CHEVRON SERVICE STATION 9-1356

1456 NORTHERN LIGHTS BOULEVARD & MINNESOTA DRIVE ANCHORAGE, ALASKA

GROUNDWATER CHEMICAL CONCENTRATION MAP - JULY 3, 1999

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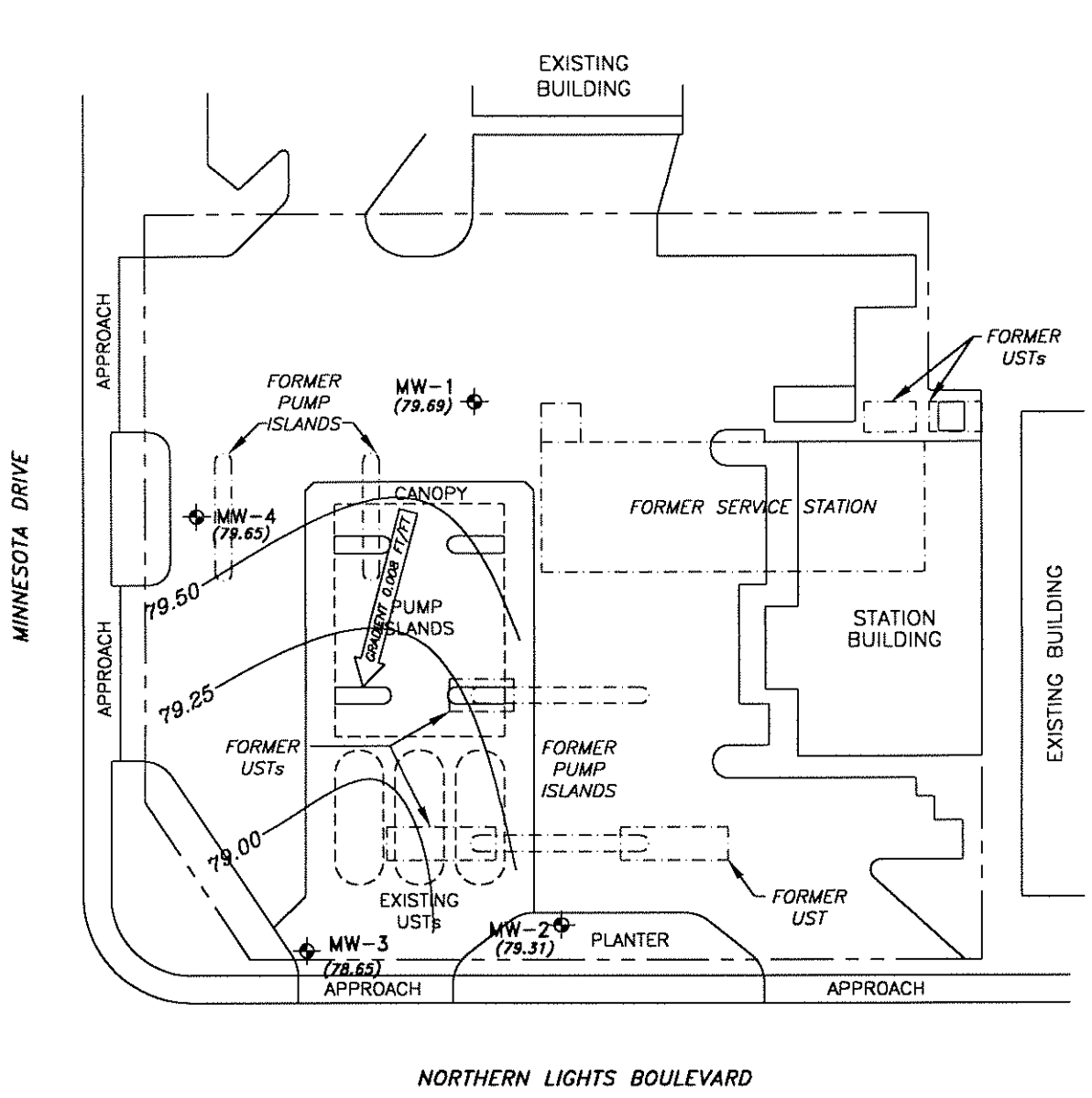

LEGEND:

- MW-1 — GROUNDWATER MONITORING WELL
- APPROXIMATE PROPERTY BOUNDARY
- GRADIENT 0.008 FT/FT — APPROXIMATE GROUNDWATER FLOW DIRECTION
- 79.00 — GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MEAN SEA LEVEL)
- (78.65) — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)

0 40 80

APPROXIMATE SCALE FEET

REFERENCE: THIS FIGURE IS BASED ON A "SITE PLAN" PROVIDED BY RHL GROUP, INC., DATED APRIL 7, 1998, AND IS INTENDED FOR ILLUSTRATION ONLY.

SECOR International Incorporated

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DATE	16AUG99
JOB NO.	077.41743.500

FIGURE 3
CHEVRON SERVICE STATION 9-1356
1456 NORTHERN LIGHTS BOULEVARD & MINNESOTA DRIVE
ANCHORAGE, ALASKA

GROUNDWATER CONTOUR MAP
JULY 3, 1999

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ATTACHMENT A

ADEC LETTER DATED JUNE 15, 1999

STATE OF ALASKA

TONY KNOWLES, GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

Telephone: (907) 451-2143
Fax: (907) 451-2155
TTY: (907) 451-2105

DIVISION OF SPILL PREVENTION AND RESPONSE
Underground Storage Tank Program
610 University Avenue, Fairbanks, AK 99709-3643

File: L10.22

June 15, 1999

Mr. Bob Cochran
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

RE: **Work Plan for Site Assessment, Chevron Service Station #9-1356, 1456 Northern Lights Boulevard @ Minnesota Avenue, Anchorage Alaska.**

Dear Mr. Cochran,

The Alaska Department of Environmental Conservation (ADEC) has reviewed the *Work Plan for Site Assessment, Chevron Service Station 9-1356, 1456 Northern Lights Boulevard @ Minnesota Avenue, Anchorage Alaska*, dated August 6, 1998.

ADEC approves the scope of fieldwork outlined in this document: installation of four monitoring wells and concurrent soil and water sampling for GRO and BTEX. In addition, ADEC will request additional analyses for all potential compounds of concern (PCoC). Specifically:

a) Soil samples should be analyzed for the seven carcinogenic PAH (cPAH) compounds in the most contaminated soil boring(s) as identified by field screening. Specific cPAH are identified in the attached list of PCoCs. To achieve the most useful results, ADEC suggests a GC/MS, analytical method run in selective ion monitoring (SIM) mode.
b) Soil and groundwater samples should be analyzed for HVOC. The purpose of these analyses is to verify the presence or absence of these compounds. As such the analytical method should be chosen to minimize detection limits and maximize positive compound identification. ADEC suggests EPA method 8260.
c) ADEC suggests that the most downgradient monitoring well be sampled for MTBE.

Please do not hesitate to contact me with any questions or concerns. I can be reached directly at (907) 451-2183 or via e-mail at cadler@envircon.state.ak.us.

Sincerely,

Clint Adler
Environmental Engineer

cc: Roger Hoffmore, Secor International, Inc.
Rusty Benkosky, Secor International, Inc.

enclosure

ATTACHMENT B

BORING LOGS

Unified Soil Classification System

Major Divisions			Symbols	Typical Names
Coarse Grained Soils (MORE THAN HALF OF SOIL > NO. 200 SIEVE SIZE)	Gravels (MORE THAN HALF OF COARSE FRACTION > NO. 4 SIEVE SIZE)		GW	WELL GRADED GRAVELS OR GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
			GP	POORLY GRADED GRAVELS OR GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
			GM	SANDY GRAVELS, GRAVEL-SAND-SILT MIXTURES
			GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
	Sands (MORE THAN HALF OF COARSE FRACTION < NO. 4 SIEVE SIZE)		SW	WELL GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES
			SP	POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES
			SM	SILTY SANDS, SAND-SILT MIXTURES
			SC	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
Fine Grained Soils (MORE THAN HALF OF SOIL > NO. 200 SIEVE SIZE)	Silts and Clays LL = < 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR SILTY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
			CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, LEAN CLAYS
			OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	Silts and Clays LL = < 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS
			CH	INORGANIC SILTS OF HIGH PLASTICITY, FAT CLAYS
			OH	ORGANIC CLAYS OF HIGH PLASTICITY, ORGANIC SILTY CLAYS, ORGANIC SILTS
Highly Organic Soils			Pt	PEAT AND OTHER HIGHLY ORGANIC SOILS

Grain Size Chart

Classification	Range of Grain Sizes	
	U.S. STANDARD SIEVE SIZE	GRAIN SIZE IN MILLIMETERS
BOULDERS	ABOVE 12"	ABOVE 305
COBBLES	12" TO 3"	305 TO 76.2
GRAVEL coarse fine	3" TO NO.4 3" TO 3/4" 3/4" TO NO.4	76.2 TO 7.76 76.2 TO 4.76 19.1 TO 4.76
SAND coarse medium fine	NO.4 TO NO.200 NO.4 TO NO.10 NO.10 TO NO.40 NO.40 TO NO.200	4.76 TO 0.074 4.76 TO 2.00 2.00 TO 0.420 0.420 TO 0.074
SILT & CLAY	BELOW NO.200	BELOW 0.074

Sample Designation

DRIVE SAMPLE INTERVAL

CONTINUOUS CORE SAMPLE INTERVAL

NR NO RECOVERY

ND NOT DETECTED

FIRST WATER (bgs)

STABILIZED WATER LEVEL (bgs)

SECOR
INTERNATIONAL
INCORPORATED

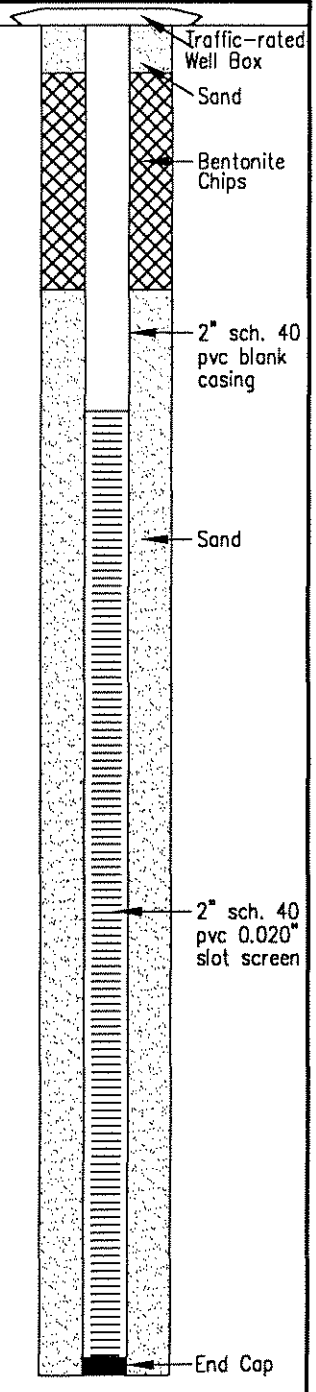
199802.181901 E:\WBLOCK\USCS

Project: CHEVRON #9-1356			Log of Boring/Monitoring Well: MW-1
Boring Location: 1456 NOTHERN LIGHTS BLVD., ANCHORAGE, AK	Project No.: 077.14743.500		
Subcontractor and Equipment: DISCOVERY DRILLING	Logged By: C.H.	Drawn By: T.Z.	
Sampling Method: SPLIT SPOON	Monitoring Device: PID		Comments:
Start Date/Time: 7/1/99//0830	Finish Date/Time: 7/1/99//1120		
First Water (bgs): ~19.5'	Stabilized Water Level (bgs): 15.71 (TOC)		

Surface Elevation: NA Top Casing Elevation: NA

Sample Number	Blows/Foot	PID (ppm)	Depth (Feet)	Recovery	Hydropunch	USCS Symbol	Water Level	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
	1 3	0.3	0-2					SAND GRAVEL (GP) fill dirt (70,30,0,0)
	2 4 10	0.4	2-4					SILTY SAND (SM) brown, fine to medium sand, fine gravel, firm, moist, no hc odor (10,60,30,0)
	2 6 11	0.2	4-6					SAND (SP) grayish brown, fine to medium sand, firm, moist, no hc odor (5,95,0,0)
	5 17 23	0	10-11					GRAVELLY SAND (SP) dark grayish brown, fine to coarse sand, fine gravel, firm, moist, no hc odor (30,70,0,0)
	6 16 26	0	15-16					Same as above
	8 18 29	0	20-21					GRAVELLY SAND (SP) grayish brown, medium to coarse sand, fine gravel, loose, wet, no hc odor (40,60,0,0)
	5 15 24	0	25-26					SILTY CLAY (CL) gray, fine sand, firm, moist, no hc odor (0,10,40,50)
	2 6 13		26-27					

Boring Abandonment/ Well Construction Details



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SECOR

Reviewed By: _____ Date: _____

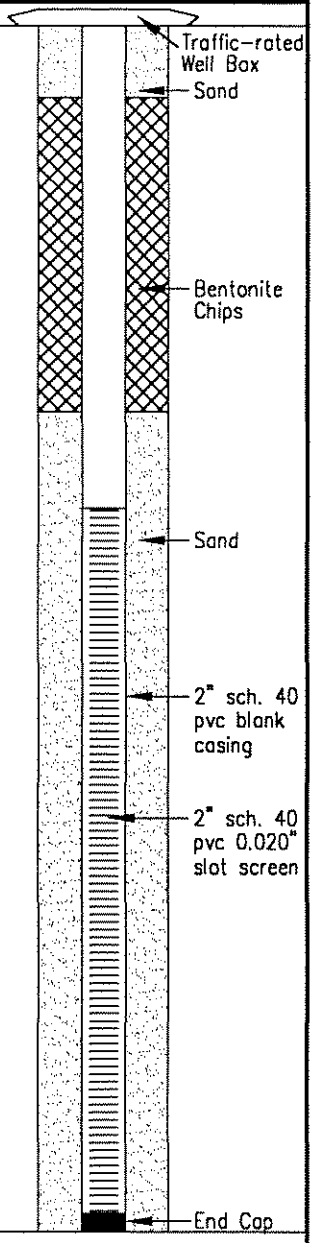
Revised By: _____ Date: _____

Project: CHEVRON #9-1356			Log of Boring/Monitoring Well: MW-2
Boring Location: 1456 NOTHERN LIGHTS BLVD., ANCHORAGE, AK	Project No.: 077.41743.500		
Subcontractor and Equipment: DISCOVERY DRILLING	Logged By: C.H.	Drawn By: T.Z.	
Sampling Method: SPLIT SPOON	Monitoring Device: PID		Comments:
Start Date/Time: 7/1/99//1020	Finish Date/Time: 7/1/99//1220		
First Water (bgs): ~16.5'	Stabilized Water Level (bgs): 15.12		

Surface Elevation: NA Top Casing Elevation: NA

Sample Number	Blows/Foot	PID (ppm)	Depth (Feet)	Recovery	Hydropunch	USCS Symbol	Water Level	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
	7 9 11 13	1.7	5–7					GRAVELLY SAND (SP) brown, fine to coarse sand, fine gravel, loose, moist, no hc odor (20,70,10,0)
	6 13 21 30	0.3	10–12					SAND (SP) grayish brown, fine to medium sand, medium dense, moist, no hc odor (0,100,0,0)
	3 10 20 29	270	15–17				▼ ▽	GRAVELLY SAND (SP) fine to coarse sand, fine gravel, moist, strong hc odor (0,100,0,0)
	7 11 14 19	1.2	20–22					GRAVELLY SAND (SP) grayish brown, fine to coarse sand, fine gravel, saturated, no hc odor (40,60,0,0)
	10 21 30 42	0	23–25					CLAYEY SILT (CL) light grayish brown, firm to hard, moist, no hc odor (0,10,60,30)

Boring Abandonment/ Well Construction Details



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SECOR

Reviewed By: _____ Date: _____

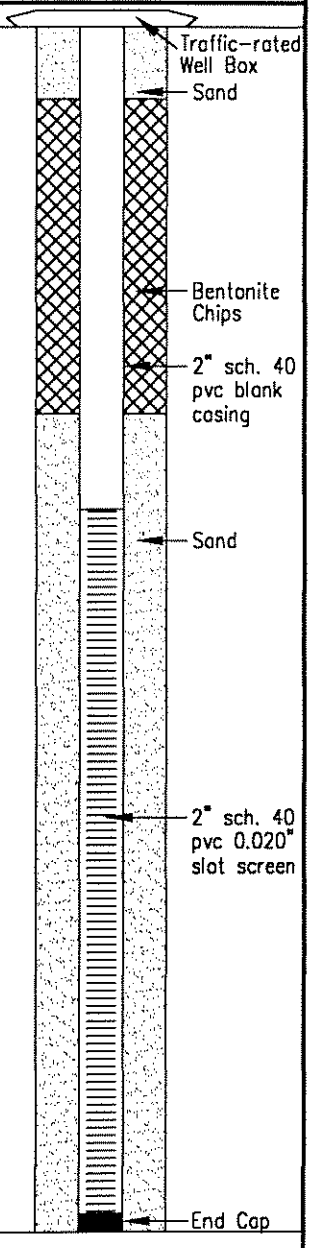
Revised By: _____ Date: _____

Project: CHEVRON #9-1356			Log of Boring/Monitoring Well: MW-3
Boring Location: 1456 NOTHERN LIGHTS BLVD., ANCHORAGE, AK	Project No.: 077.41743.500		
Subcontractor and Equipment: DISCOVERY DRILLING	Logged By: C.H.	Drawn By: T.Z.	
Sampling Method: SPLIT SPOON	Monitoring Device: PID		Comments:
Start Date/Time: 7/1/99//1140	Finish Date/Time: 7/1/99//1400		
First Water (bgs): ~16.5'	Stabilized Water Level (bgs): 14.99		

Surface Elevation: NA Top Casing Elevation: NA

Sample Number	Blows/Foot	PID (ppm)	Depth (Feet)	Recovery	Hydropunch	USCS Symbol	Water Level	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
	21 5 10	0.5	5–7					GRAVELLY SAND (SP) brown, fine to coarse sand, fine gravel, loose, moist, no hc odor (20,70,10,0)
	6 13 17	2.1	10–11					GRAVELLY SAND (SP) grayish brown, fine to coarse, sand, medium dense, moist, no hc odor (30,70,0,0)
	4 12 20	640	15–16					Same as above (wet, strong hc odor)
	5 8 13	44.1	20–21					GRAVELLY SAND (SP) brown, fine to coarse sand, fine gravel, soft, saturated, strong hc odor, sheen on water (20,70,10)
	4 8 13	17.8	24–25					CLAYEY SILT (CL) gray, moist, slight hc odor (0,0,60,40)

Boring Abandonment/ Well Construction Details



199903.061956 X:\LOGS\CHEVRON\91356\MW-3

SECOR

Reviewed By: _____ Date: _____

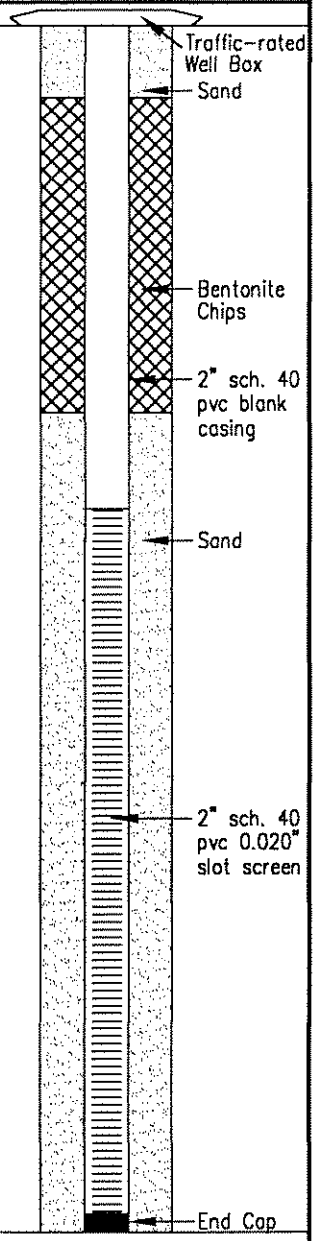
Revised By: _____ Date: _____

Project: CHEVRON #9-1356			Log of Boring/Monitoring Well: MW-4
Boring Location: 1456 NOTHERN LIGHTS BLVD., ANCHORAGE, AK	Project No.: 077.41743.500		
Subcontractor and Equipment: DISCOVERY DRILLING	Logged By: C.H.	Drawn By: T.Z.	
Sampling Method: SPLIT SPOON	Monitoring Device: PID		Comments:
Start Date/Time: 7/1/99//1315	Finish Date/Time: 7/1/99//1445		
First Water (bgs): ~16.5'	Stabilized Water Level (bgs): 15.22		

Surface Elevation: NA Top Casing Elevation: NA

Sample Number	Blows/Foot	PID (ppm)	Depth (Feet)	Recovery	Hydropunch	USCS Symbol	Water Level	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
	5 10 14 19	0	5–7					GRAVELLY SAND (SP) grayish brown, fine to medium sand, fine gravel, firm, moist, no hc odor (5,95,0,0)
	3 6 10 15	0	10–12					GRAVELLY SAND (SP) grayish brown, fine to coarse sand, fine gravel, firm, moist, no hc odor (30,70,0,0)
	5 13 23 35	0	15–17				▼ ▽	GRAVELLY SAND (SP) grayish brown, medium dense, wet, no hc odor (40,60,0,0)
	6 11 17 27	44.1	20–22					GRAVELLY SAND (SP) grayish brown, medium dense, saturated, no hc odor (20,80,0,0)
			23–25					CLAYEY SILT (CL) gray, firm, moist, no hc odor (0,0,30,70)

Boring Abandonment/ Well Construction Details



199903.0661956 X:\LOGS\CHEVRON\91356\MW-4

SECOR

Reviewed By: _____ Date: _____

Revised By: _____ Date: _____

ATTACHMENT C

FIELD AND LABORATORY PROCEDURES

ATTACHMENT C
FIELD AND LABORATORY PROCEDURES

Soil Borings

The soil borings for well installation were drilled using 8-inch hollow-stem auger drilling equipment to the above referenced depths. Borings were logged by a SECOR International Incorporated geologist using the Unified Soil Classification System and standard geologic techniques. Soil samples for logging were collected at 5-foot depth intervals using a split-spoon sampler. The sampler was driven a maximum of 18 inches using a 140-pound hammer with a 30-inch drop. All soil samples for chemical analysis were retained in an ADEC approved glass jab. Preservation was added when appropriate. All soil samples for geotechnical analysis were retained in brass liners, capped with Teflon squares and plastic end caps, and sealed in clean zip-lock bags. The samples were placed on ice for transport to the laboratory accompanied by chain-of-custody documentation. All down-hole drilling and sampling equipment was steam-cleaned following the completion of the soil boring. Down-hole sampling equipment was washed in a tri-sodium phosphate or alconox solution between samples.

Groundwater Monitoring Well Installation and Development

Four groundwater monitoring wells were installed using 2-inch diameter, flush-threaded, Schedule 40 PVC casing with 0.020-inch factory-slotted screen. The screen intervals for each well are referenced above. An RMC 2/12 sand pack, or equivalent, was placed in the annular space across the entire screened interval, and extends approximately 1 to 2 feet above the top of the screen interval. A bentonite t seal was placed atop the sand pack extends to the ground surface. The boring logs show well construction details. The groundwater monitoring wells were developed after completion. The development procedure for the wells consisted of pumping or bailing water from the wells until the water was visibly clear or until a maximum of ten casing volumes were removed.

Groundwater Sampling Procedures

The sampling procedure for each well consisted collecting the necessary volume of groundwater using a disposable bailer. The groundwater was then placed into appropriate EPA-approved containers, labeled, logged onto chain-of-custody document, and transported on ice to a Washington State-certified laboratory.

Laboratory Procedures

The soil and groundwater samples were analyzed for the presence of gasoline range organics (GRO) by Alaska Method AK 101, and benzene, toluene, ethylbenzene, and xylenes by Alaska Method 8020, halogenated volatile organic compounds (HVOCs) by EPA Method 80260B, and Polynuclear Aromatic Compounds (PAHs) by EPA 8270 C. Soil sample MW-2@17' had PAH analysis by GC/MS with Selected Ion Monitoring.

ATTACHMENT D

CERTIFIED ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

CORE LABORATORIES

ANALYTICAL REPORT

JOB NUMBER: 991263

Prepared For:

Secor International Inc.
9912 Business Park Dr. #100
Sacramento, CA 95827

Attention: Rusty Benkosky

Date: 07/20/1999

Paul Christ for
Signature

7/21/99
Date

Name: Charles Munoz

Title: Project Coordinator

1250 E. Gene Autry Way
Anaheim, CA 92805

PHONE: (714) 937-1094
FAX..: (714) 937-1170

CA. E. L. A. P. 1174
L. A. C. S. D. 10146

CORELAB

CORE LABORATORIES

SAMPLE INFORMATION
Date: 07/20/1999

Job Number.: 991263
Customer...: Secor International Inc.
Attn.....: Rusty Benkosky

Project Number.....: 99180343
Customer Project ID....: 9-1356
Project Description....: Chevron-Alaska

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
991263-1	MW-1@1'	Soil	07/01/1999	08:30	07/03/1999	09:45
991263-2	MW-1@3'	Soil	07/01/1999	08:32	07/03/1999	09:45
991263-3	MW-1@5'	Soil	07/01/1999	08:40	07/03/1999	09:45
991263-4	MW-1@10'	Soil	07/01/1999	08:50	07/03/1999	09:45
991263-5	MW-1@15'	Soil	07/01/1999	09:00	07/03/1999	09:45
991263-6	MW-1@20'	Soil	07/01/1999	09:11	07/03/1999	09:45
991263-7	MW-2@10'	Soil	07/01/1999	10:50	07/03/1999	09:45
991263-8	MW-2@17'	Soil	07/01/1999	11:00	07/03/1999	09:45
991263-9	MW-3@10'	Soil	07/01/1999	11:50	07/03/1999	09:45
991263-10	MW-3@16.5'	Soil	07/01/1999	12:00	07/03/1999	09:45
991263-11	MW-4@10'	Soil	07/01/1999	13:36	07/03/1999	09:45
991263-12	MW-4@16.5'	Soil	07/01/1999	13:44	07/03/1999	09:45

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263

Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-1@1'
Date Sampled.....: 07/01/1999
Time Sampled.....: 08:30
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-1
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SM 2540 B	% Moisture, Solid	5	0	%	07/07/99	mls
SM 5310 B	Organic Carbon, Total (TOC), Solid	4670	100.0	mg/Kg	07/07/99	gwd

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-1a3'
Date Sampled.....: 07/01/1999
Time Sampled.....: 08:32
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-2
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SM 2540 B	% Moisture, Solid	2	0	%	07/07/99	mls
SM 5310 B	Organic Carbon, Total (TOC), Solid	11500	100.0	mg/Kg	07/07/99	gwd

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263

Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-1@5'
Date Sampled.....: 07/01/1999
Time Sampled.....: 08:40
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-3
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SM 2540 B	% Moisture, Solid	20	0	%	07/07/99	mls
SM 5310 B	Organic Carbon, Total (TOC), Solid	3230	100.0	mg/Kg	07/07/99	gwd

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-1@10'
Date Sampled.....: 07/01/1999
Time Sampled.....: 08:50
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-4
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 3630C	Silica Gel Cleanup, Solid	Complete		mL	07/13/99	tmp
SM 2540 B	% Moisture, Solid	20	0	%	07/07/99	mls
SM 5310 B	Organic Carbon, Total (TOC), Solid	1300	100.0	mg/Kg	07/07/99	gwd
EPA 3550	Extraction (Ultrasonic) SVOCs					
	Ultrasonic Extraction, Solid	Complete			07/13/99	tmp
EPA 8270C	Semivolatile Organics					
	Acenaphthene, Solid	<0.123	0.123	mg/Kg	07/15/99	gfb
	Acenaphthylene, Solid	<0.122	0.122	mg/Kg	07/15/99	gfb
	Anthracene, Solid	<0.104	0.104	mg/Kg	07/15/99	gfb
	Benzo(a)anthracene, Solid	<0.0483	0.0483	mg/Kg	07/15/99	gfb
	Benzo(ghi)perylene, Solid	<0.3817	0.3817	mg/Kg	07/15/99	gfb
	Benzo(a)pyrene, Solid	<0.0712	0.0712	mg/Kg	07/15/99	gfb
	Chrysene, Solid	<0.0440	0.0440	mg/Kg	07/15/99	gfb
	Dibenzo(a,h)anthracene, Solid	<0.2365	0.2365	mg/Kg	07/15/99	gfb
	Fluoranthene, Solid	<0.0924	0.0924	mg/Kg	07/15/99	gfb
	Fluorene, Solid	<0.109	0.109	mg/Kg	07/15/99	gfb
	Indeno(1,2,3-cd)pyrene, Solid	<0.1914	0.1914	mg/Kg	07/15/99	gfb
	Naphthalene, Solid	<0.1269	0.1269	mg/Kg	07/15/99	gfb
	Phenanthrene, Solid	<0.0934	0.0934	mg/Kg	07/15/99	gfb
	Pyrene, Solid	<0.0706	0.0706	mg/Kg	07/15/99	gfb
	Benzo [b,k] fluoranthene, Solid	<0.0653	0.0653	mg/Kg	07/15/99	gfb
AK101	Gasoline Range Organics					
	Gasoline Range Organics (C6-C10), Solid	<2.35	2.35	mg/Kg	07/12/99	evd
EPA 8260B	Volatile Organics (Client List)					
	Benzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromochloromethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromodichloromethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromoform, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromomethane, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	Methyl-t-Butyl Ether (MTBE), Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	Methyl ethyl ketone (2-Butanone), Solid	<0.062	0.062	mg/Kg	07/13/99	vz
	n-Butylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	sec-Butylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	tert-Butylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Carbon disulfide, Solid	0.01	0.006	mg/Kg	07/13/99	vz
	Carbon tetrachloride (Freon 10), Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Chlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Chloroethane, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	2-Chloroethylvinyl ether, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	Chloroform, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Chloromethane, Solid	<0.012	0.012	mg/Kg	07/13/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263

Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-1@10'
Date Sampled.....: 07/01/1999
Time Sampled.....: 08:50
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-4
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
	2-Chlorotoluene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	4-Chlorotoluene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Dibromochloromethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dibromoethane (EDB), Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dibromo-3-chloropropane, Solid	<0.031	0.031	mg/Kg	07/13/99	vz
	Dibromomethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,3-Dichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,4-Dichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Dichlorodifluoromethane (Freon 12), Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	1,1-Dichloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dichloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1-Dichloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	cis-1,2-Dichloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	trans-1,2-Dichloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dichloropropane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	cis-1,3-Dichloropropene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	trans-1,3-Dichloropropene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,3-Dichloropropane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	2,2-Dichloropropane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1-Dichloropropene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Ethylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Hexachlorobutadiene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	2-Hexanone, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	Iodomethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Isopropylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	p-Isopropyltoluene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Methylene chloride, Solid	<0.062	0.062	mg/Kg	07/13/99	vz
	4-Methyl-2-pentanone (MIBK), Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	Naphthalene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	n-Propylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Styrene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1,1,2-Tetrachloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1,2,2-Tetrachloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Tetrachloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Toluene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2,3-Trichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2,4-Trichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1,1-Trichloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1,2-Trichloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Trichloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Trichlorofluoromethane (Freon 11), Solid	<0.062	0.062	mg/Kg	07/13/99	vz
	1,1,2-Trichlorotrifluoroethane(Freon113), Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2,3-Trichloropropane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2,4-Trimethylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,3,5-Trimethylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Vinyl acetate, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Vinyl chloride, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	m&p-Xylenes, Solid	<0.012	0.012	mg/Kg	07/13/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-1@10'
Date Sampled.....: 07/01/1999
Time Sampled.....: 08:50
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-4
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
	o-Xylene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
EPA 8020A	Volatile Organics -Aromatics					
	Benzene, Solid	<0.02	0.02	mg/Kg	07/12/99	evd
	Ethylbenzene, Solid	0.02	0.02	mg/Kg	07/12/99	evd
	Toluene, Solid	0.04	0.02	mg/Kg	07/12/99	evd
	Xylenes (total), Solid	<0.02	0.02	mg/Kg	07/12/99	evd

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263

Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-1@15'
Date Sampled.....: 07/01/1999
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-5
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 3630C	Silica Gel Cleanup, Solid	Complete		mL	07/13/99	tmp
SM 2540 B	% Moisture, Solid	20	0	%	07/07/99	mls
SM 5310 B	Organic Carbon, Total (TOC), Solid	1060	100.0	mg/Kg	07/07/99	gwd
EPA 3550	Extraction (Ultrasonic) SVOCs					
	Ultrasonic Extraction, Solid	Complete			07/13/99	tmp
EPA 8270C	Semivolatile Organics					
	Acenaphthene, Solid	<0.124	0.124	mg/Kg	07/15/99	gfb
	Acenaphthylene, Solid	<0.124	0.124	mg/Kg	07/15/99	gfb
	Anthracene, Solid	<0.106	0.106	mg/Kg	07/15/99	gfb
	Benzo(a)anthracene, Solid	<0.0491	0.0491	mg/Kg	07/15/99	gfb
	Benzo(ghi)perylene, Solid	<0.3879	0.3879	mg/Kg	07/15/99	gfb
	Benzo(a)pyrene, Solid	<0.0724	0.0724	mg/Kg	07/15/99	gfb
	Chrysene, Solid	<0.0448	0.0448	mg/Kg	07/15/99	gfb
	Dibenzo(a,h)anthracene, Solid	<0.2404	0.2404	mg/Kg	07/15/99	gfb
	Fluoranthene, Solid	<0.0939	0.0939	mg/Kg	07/15/99	gfb
	Fluorene, Solid	<0.110	0.110	mg/Kg	07/15/99	gfb
	Indeno(1,2,3-cd)pyrene, Solid	<0.1945	0.1945	mg/Kg	07/15/99	gfb
	Naphthalene, Solid	<0.1290	0.1290	mg/Kg	07/15/99	gfb
	Phenanthrene, Solid	<0.0949	0.0949	mg/Kg	07/15/99	gfb
	Pyrene, Solid	<0.0718	0.0718	mg/Kg	07/15/99	gfb
	Benzo [b,k] fluoranthene, Solid	<0.0664	0.0664	mg/Kg	07/15/99	gfb
EPA 8260B	Volatile Organics (Client List)					
	Benzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromochloromethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromodichloromethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromoform, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromomethane, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	Methyl-t-Butyl Ether (MTBE), Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	Methyl ethyl ketone (2-Butanone), Solid	<0.062	0.062	mg/Kg	07/13/99	vz
	n-Butylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	sec-Butylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	tert-Butylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Carbon disulfide, Solid	0.008	0.006	mg/Kg	07/13/99	vz
	Carbon tetrachloride (Freon 10), Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Chlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Chloroethane, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	2-Chloroethylvinyl ether, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	Chloroform, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Chloromethane, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	2-Chlorotoluene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	4-Chlorotoluene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Dibromochloromethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-1@15'
Date Sampled.....: 07/01/1999
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-5
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
	1,2-Dibromoethane (EDB), Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dibromo-3-chloropropane, Solid	<0.031	0.031	mg/Kg	07/13/99	vz
	Dibromomethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,3-Dichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,4-Dichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Dichlorodifluoromethane (Freon 12), Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	1,1-Dichloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dichloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1-Dichloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	cis-1,2-Dichloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	trans-1,2-Dichloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dichloropropane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	cis-1,3-Dichloropropene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	trans-1,3-Dichloropropene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,3-Dichloropropane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	2,2-Dichloropropane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1-Dichloropropene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Ethylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Hexachlorobutadiene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	2-Hexanone, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Iodomethane, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	Isopropylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	p-Isopropyltoluene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Methylene chloride, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	4-Methyl-2-pentanone (MIBK), Solid	<0.062	0.062	mg/Kg	07/13/99	vz
	Naphthalene, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	n-Propylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Styrene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1,1,2-Tetrachloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1,2,2-Tetrachloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Tetrachloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Toluene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2,3-Trichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2,4-Trichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1,1-Trichloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1,2-Trichloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Trichloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Trichlorofluoromethane (Freon 11), Solid	<0.062	0.062	mg/Kg	07/13/99	vz
	1,1,2-Trichlorotrifluoroethane(Freon113), Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2,3-Trichloropropane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2,4-Trimethylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,3,5-Trimethylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Vinyl acetate, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Vinyl chloride, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	m&p-Xylenes, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	o-Xylene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-1@20'
Date Sampled.....: 07/01/1999
Time Sampled.....: 09:11
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-6
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 3630C	Silica Gel Cleanup, Solid	Complete		mL	07/13/99	tmp
SM 2540 B	% Moisture, Solid	20	0	%	07/07/99	mls
EPA 3550	Extraction (Ultrasonic) SVOCs					
	Ultrasonic Extraction, Solid	Complete			07/13/99	tmp
EPA 8270C	Semivolatile Organics					
	Acenaphthene, Solid	<0.123	0.123	mg/Kg	07/15/99	gfb
	Acenaphthylene, Solid	<0.122	0.122	mg/Kg	07/15/99	gfb
	Anthracene, Solid	<0.104	0.104	mg/Kg	07/15/99	gfb
	Benzo(a)anthracene, Solid	<0.0483	0.0483	mg/Kg	07/15/99	gfb
	Benzo(ghi)perylene, Solid	<0.3817	0.3817	mg/Kg	07/15/99	gfb
	Benzo(a)pyrene, Solid	<0.0712	0.0712	mg/Kg	07/15/99	gfb
	Chrysene, Solid	<0.0440	0.0440	mg/Kg	07/15/99	gfb
	Dibenzo(a,h)anthracene, Solid	<0.2365	0.2365	mg/Kg	07/15/99	gfb
	Fluoranthene, Solid	<0.0924	0.0924	mg/Kg	07/15/99	gfb
	Fluorene, Solid	<0.109	0.109	mg/Kg	07/15/99	gfb
	Indeno(1,2,3-cd)pyrene, Solid	<0.1914	0.1914	mg/Kg	07/15/99	gfb
	Naphthalene, Solid	<0.1269	0.1269	mg/Kg	07/15/99	gfb
	Phenanthrene, Solid	<0.0934	0.0934	mg/Kg	07/15/99	gfb
	Pyrene, Solid	<0.0706	0.0706	mg/Kg	07/15/99	gfb
	Benzo [b,k] fluoranthene, Solid	<0.0653	0.0653	mg/Kg	07/15/99	gfb
AK101	Gasoline Range Organics					
	Gasoline Range Organics (C6-C10), Solid	<1.62	1.62	mg/Kg	07/12/99	evd
EPA 8260B	Volatile Organics (Client List)					
	Benzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromochloromethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromodichloromethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromoform, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Bromomethane, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	Methyl-t-Butyl Ether (MTBE), Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	Methyl ethyl ketone (2-Butanone), Solid	<0.062	0.062	mg/Kg	07/13/99	vz
	n-Butylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	sec-Butylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	tert-Butylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Carbon disulfide, Solid	0.009	0.006	mg/Kg	07/13/99	vz
	Carbon tetrachloride (Freon 10), Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Chlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Chloroethane, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	2-Chloroethylvinyl ether, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	Chloroform, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Chloromethane, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	2-Chlorotoluene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	4-Chlorotoluene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-1@20'
Date Sampled.....: 07/01/1999
Time Sampled.....: 09:11
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-6
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
	Dibromochloromethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dibromoethane (EDB), Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dibromo-3-chloropropane, Solid	<0.031	0.031	mg/Kg	07/13/99	vz
	Dibromomethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,3-Dichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,4-Dichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Dichlorodifluoromethane (Freon 12), Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	1,1-Dichloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dichloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1-Dichloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	cis-1,2-Dichloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	trans-1,2-Dichloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2-Dichloropropane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	cis-1,3-Dichloropropene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	trans-1,3-Dichloropropene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,3-Dichloropropane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	2,2-Dichloropropane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1-Dichloropropene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Ethylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Hexachlorobutadiene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	2-Hexanone, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Iodomethane, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	Isopropylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	p-Isopropyltoluene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Methylene chloride, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	4-Methyl-2-pentanone (MIBK), Solid	<0.062	0.062	mg/Kg	07/13/99	vz
	Naphthalene, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	n-Propylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Styrene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1,1,2-Tetrachloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1,2,2-Tetrachloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Tetrachloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Toluene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2,3-Trichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2,4-Trichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1,1-Trichloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,1,2-Trichloroethane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Trichloroethene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Trichlorofluoromethane (Freon 11), Solid	<0.062	0.062	mg/Kg	07/13/99	vz
	1,1,2-Trichlorotrifluoroethane(Freon113), Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2,3-Trichloropropane, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,2,4-Trimethylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	1,3,5-Trimethylbenzene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Vinyl acetate, Solid	<0.006	0.006	mg/Kg	07/13/99	vz
	Vinyl chloride, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	m&p-Xylenes, Solid	<0.012	0.012	mg/Kg	07/13/99	vz
	o-Xylene, Solid	<0.006	0.006	mg/Kg	07/13/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263

Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-1@20'
Date Sampled.....: 07/01/1999
Time Sampled.....: 09:11
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-6
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 8020A	Volatile Organics -Aromatics					
	Benzene, Solid	<0.02	0.02	mg/Kg	07/12/99	evd
	Ethylbenzene, Solid	<0.02	0.02	mg/Kg	07/12/99	evd
	Toluene, Solid	<0.02	0.02	mg/Kg	07/12/99	evd
	Xylenes (total), Solid	<0.02	0.02	mg/Kg	07/12/99	evd

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-2@10'
Date Sampled.....: 07/01/1999
Time Sampled.....: 10:50
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-7
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 3630C	Silica Gel Cleanup, Solid	Complete		mL	07/13/99	tmp
SM 2540 B	% Moisture, Solid	40	0	%	07/07/99	mls
EPA 3550	Extraction (Ultrasonic) SVOCs					
	Ultrasonic Extraction, Solid	Complete			07/13/99	tmp
EPA 8270C	Semivolatile Organics					
	Acenaphthene, Solid	<0.802	0.802	mg/Kg	07/16/99	gfb
	Acenaphthylene, Solid	<0.797	0.797	mg/Kg	07/16/99	gfb
	Anthracene, Solid	<0.679	0.679	mg/Kg	07/16/99	gfb
	Benzo(a)anthracene, Solid	<0.316	0.316	mg/Kg	07/16/99	gfb
	Benzo(ghi)perylene, Solid	<2.498	2.498	mg/Kg	07/16/99	gfb
	Benzo(a)pyrene, Solid	<0.466	0.466	mg/Kg	07/16/99	gfb
	Chrysene, Solid	<0.288	0.288	mg/Kg	07/16/99	gfb
	Dibenzo(a,h)anthracene, Solid	<1.548	1.548	mg/Kg	07/16/99	gfb
	Fluoranthene, Solid	<0.605	0.605	mg/Kg	07/16/99	gfb
	Fluorene, Solid	<0.711	0.711	mg/Kg	07/16/99	gfb
	Indeno(1,2,3-cd)pyrene, Solid	<1.253	1.253	mg/Kg	07/16/99	gfb
	Naphthalene, Solid	<0.8308	0.8308	mg/Kg	07/16/99	gfb
	Phenanthrene, Solid	<0.611	0.611	mg/Kg	07/16/99	gfb
	Pyrene, Solid	<0.462	0.462	mg/Kg	07/16/99	gfb
	Benzo [b,k] fluoranthene, Solid	<0.427	0.427	mg/Kg	07/16/99	gfb
AK101	Gasoline Range Organics					
	Gasoline Range Organics (C6-C10), Solid	<2.21	2.21	mg/Kg	07/12/99	evd
EPA 8260B	Volatile Organics (Client List)					
	Benzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Bromobenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Bromochloromethane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Bromodichloromethane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Bromoform, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Bromomethane, Solid	<0.016	0.016	mg/Kg	07/13/99	vz
	Methyl-t-Butyl Ether (MTBE), Solid	<0.016	0.016	mg/Kg	07/13/99	vz
	Methyl ethyl ketone (2-Butanone), Solid	<0.080	0.080	mg/Kg	07/13/99	vz
	n-Butylbenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	sec-Butylbenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	tert-Butylbenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Carbon disulfide, Solid	0.011	0.008	mg/Kg	07/13/99	vz
	Carbon tetrachloride (Freon 10), Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Chlorobenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Chloroethane, Solid	<0.016	0.016	mg/Kg	07/13/99	vz
	2-Chloroethylvinyl ether, Solid	<0.016	0.016	mg/Kg	07/13/99	vz
	Chloroform, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Chloromethane, Solid	<0.016	0.016	mg/Kg	07/13/99	vz
	2-Chlorotoluene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	4-Chlorotoluene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-2@10'
Date Sampled.....: 07/01/1999
Time Sampled.....: 10:50
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-7
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
	Dibromochloromethane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,2-Dibromoethane (EDB), Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,2-Dibromo-3-chloropropane, Solid	<0.040	0.040	mg/Kg	07/13/99	vz
	Dibromomethane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,2-Dichlorobenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,3-Dichlorobenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,4-Dichlorobenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Dichlorodifluoromethane (Freon 12), Solid	<0.016	0.016	mg/Kg	07/13/99	vz
	1,1-Dichloroethane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,2-Dichloroethane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,1-Dichloroethene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	cis-1,2-Dichloroethene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	trans-1,2-Dichloroethene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,2-Dichloropropane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	cis-1,3-Dichloropropene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	trans-1,3-Dichloropropene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,3-Dichloropropane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	2,2-Dichloropropane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,1-Dichloropropene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Ethylbenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Hexachlorobutadiene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	2-Hexanone, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Iodomethane, Solid	<0.016	0.016	mg/Kg	07/13/99	vz
	Isopropylbenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	p-Isopropyltoluene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Methylene chloride, Solid	0.009	0.008	mg/Kg	07/13/99	vz
	4-Methyl-2-pentanone (MIBK), Solid	<0.080	0.080	mg/Kg	07/13/99	vz
	Naphthalene, Solid	<0.016	0.016	mg/Kg	07/13/99	vz
	n-Propylbenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Styrene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,1,1,2-Tetrachloroethane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,1,2,2-Tetrachloroethane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Tetrachloroethene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Toluene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,2,3-Trichlorobenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,2,4-Trichlorobenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,1,1-Trichloroethane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,1,2-Trichloroethane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Trichloroethene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Trichlorofluoromethane (Freon 11), Solid	<0.080	0.080	mg/Kg	07/13/99	vz
	1,1,2-Trichlorotrifluoroethane(Freon113), Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,2,3-Trichloropropane, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,2,4-Trimethylbenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	1,3,5-Trimethylbenzene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Vinyl acetate, Solid	<0.008	0.008	mg/Kg	07/13/99	vz
	Vinyl chloride, Solid	<0.016	0.016	mg/Kg	07/13/99	vz
	m&p-Xylenes, Solid	<0.016	0.016	mg/Kg	07/13/99	vz
	o-Xylene, Solid	<0.008	0.008	mg/Kg	07/13/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-2@10'
Date Sampled.....: 07/01/1999
Time Sampled.....: 10:50
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-7
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 8020A	Volatile Organics -Aromatics					
	Benzene, Solid	<0.02	0.02	mg/Kg	07/12/99	evd
	Ethylbenzene, Solid	0.04	0.02	mg/Kg	07/12/99	evd
	Toluene, Solid	0.06	0.02	mg/Kg	07/12/99	evd
	Xylenes (total), Solid	0.08	0.02	mg/Kg	07/12/99	evd

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-2@17'
Date Sampled.....: 07/01/1999
Time Sampled.....: 11:00
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-8
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 3630C	Silica Gel Cleanup, Solid	Complete		mL	07/13/99	tmp
SM 2540 B	% Moisture, Solid	20	0	%	07/07/99	mls
EPA 3550	Extraction (Ultrasonic) SVOCs					
	Ultrasonic Extraction, Solid	Complete			07/13/99	tmp
EPA 8270C	Semivolatile Organics					
	Acenaphthene, Solid	<0.119	0.119	mg/Kg	07/15/99	gfb
	Acenaphthylene, Solid	<0.118	0.118	mg/Kg	07/15/99	gfb
	Anthracene, Solid	<0.100	0.100	mg/Kg	07/15/99	gfb
	Benzo(a)anthracene, Solid	<0.0468	0.0468	mg/Kg	07/15/99	gfb
	Benzo(ghi)perylene, Solid	<0.3693	0.3693	mg/Kg	07/15/99	gfb
	Benzo(a)pyrene, Solid	<0.0689	0.0689	mg/Kg	07/15/99	gfb
	Chrysene, Solid	<0.0426	0.0426	mg/Kg	07/15/99	gfb
	Dibenzo(a,h)anthracene, Solid	<0.2288	0.2288	mg/Kg	07/15/99	gfb
	Fluoranthene, Solid	<0.0894	0.0894	mg/Kg	07/15/99	gfb
	Fluorene, Solid	<0.105	0.105	mg/Kg	07/15/99	gfb
	Indeno(1,2,3-cd)pyrene, Solid	<0.1852	0.1852	mg/Kg	07/15/99	gfb
	Naphthalene, Solid	<0.1228	0.1228	mg/Kg	07/15/99	gfb
	Phenanthrene, Solid	<0.0903	0.0903	mg/Kg	07/15/99	gfb
	Pyrene, Solid	<0.0683	0.0683	mg/Kg	07/15/99	gfb
	Benzo [b,k] fluoranthene, Solid	<0.0632	0.0632	mg/Kg	07/15/99	gfb
AK101	Gasoline Range Organics					
	Gasoline Range Organics (C6-C10), Solid	929	17.3	mg/Kg	07/13/99	evd
EPA 8260B	Volatile Organics (Client List)					
	Benzene, Solid	<10	10	mg/Kg	07/14/99	vz
	Bromobenzene, Solid	<10	10	mg/Kg	07/14/99	vz
	Bromochloromethane, Solid	<10	10	mg/Kg	07/14/99	vz
	Bromodichloromethane, Solid	<10	10	mg/Kg	07/14/99	vz
	Bromoform, Solid	<10	10	mg/Kg	07/14/99	vz
	Bromomethane, Solid	<30	30	mg/Kg	07/14/99	vz
	Methyl-t-Butyl Ether (MTBE), Solid	<30	30	mg/Kg	07/14/99	vz
	Methyl ethyl ketone (2-Butanone), Solid	<150	150	mg/Kg	07/14/99	vz
	n-Butylbenzene, Solid	<10	10	mg/Kg	07/14/99	vz
	sec-Butylbenzene, Solid	<10	10	mg/Kg	07/14/99	vz
	tert-Butylbenzene, Solid	<10	10	mg/Kg	07/14/99	vz
	Carbon disulfide, Solid	<10	10	mg/Kg	07/14/99	vz
	Carbon tetrachloride (Freon 10), Solid	<10	10	mg/Kg	07/14/99	vz
	Chlorobenzene, Solid	<10	10	mg/Kg	07/14/99	vz
	Chloroethane, Solid	<30	30	mg/Kg	07/14/99	vz
	2-Chloroethylvinyl ether, Solid	<30	30	mg/Kg	07/14/99	vz
	Chloroform, Solid	<10	10	mg/Kg	07/14/99	vz
	Chloromethane, Solid	<30	30	mg/Kg	07/14/99	vz
	2-Chlorotoluene, Solid	<10	10	mg/Kg	07/14/99	vz
	4-Chlorotoluene, Solid	<10	10	mg/Kg	07/14/99	vz

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-2@17'
Date Sampled.....: 07/01/1999
Time Sampled.....: 11:00
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-8
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
	Dibromochloromethane, Solid	<10	10	mg/Kg	07/14/99	vz
	1,2-Dibromoethane (EDB), Solid	<10	10	mg/Kg	07/14/99	vz
	1,2-Dibromo-3-chloropropane, Solid	<74	74	mg/Kg	07/14/99	vz
	Dibromomethane, Solid	<10	10	mg/Kg	07/14/99	vz
	1,2-Dichlorobenzene, Solid	<10	10	mg/Kg	07/14/99	vz
	1,3-Dichlorobenzene, Solid	<10	10	mg/Kg	07/14/99	vz
	1,4-Dichlorobenzene, Solid	<10	10	mg/Kg	07/14/99	vz
	Dichlorodifluoromethane (Freon 12), Solid	<30	30	mg/Kg	07/14/99	vz
	1,1-Dichloroethane, Solid	<10	10	mg/Kg	07/14/99	vz
	1,2-Dichloroethane, Solid	<10	10	mg/Kg	07/14/99	vz
	1,1-Dichloroethene, Solid	<10	10	mg/Kg	07/14/99	vz
	cis-1,2-Dichloroethene, Solid	<10	10	mg/Kg	07/14/99	vz
	trans-1,2-Dichloroethene, Solid	<10	10	mg/Kg	07/14/99	vz
	1,2-Dichloropropane, Solid	<10	10	mg/Kg	07/14/99	vz
	cis-1,3-Dichloropropene, Solid	<10	10	mg/Kg	07/14/99	vz
	trans-1,3-Dichloropropene, Solid	<10	10	mg/Kg	07/14/99	vz
	1,3-Dichloropropane, Solid	<10	10	mg/Kg	07/14/99	vz
	2,2-Dichloropropane, Solid	<10	10	mg/Kg	07/14/99	vz
	1,1-Dichloropropene, Solid	<10	10	mg/Kg	07/14/99	vz
	Ethylbenzene, Solid	<10	10	mg/Kg	07/14/99	vz
	Hexachlorobutadiene, Solid	<10	10	mg/Kg	07/14/99	vz
	2-Hexanone, Solid	<10	10	mg/Kg	07/14/99	vz
	Iodomethane, Solid	<30	30	mg/Kg	07/14/99	vz
	Isopropylbenzene, Solid	<10	10	mg/Kg	07/14/99	vz
	p-Isopropyltoluene, Solid	<10	10	mg/Kg	07/14/99	vz
	Methylene chloride, Solid	<10	10	mg/Kg	07/14/99	vz
	4-Methyl-2-pentanone (MIBK), Solid	<150	150	mg/Kg	07/14/99	vz
	Naphthalene, Solid	<30	30	mg/Kg	07/14/99	vz
	n-Propylbenzene, Solid	<10	10	mg/Kg	07/14/99	vz
	Styrene, Solid	<10	10	mg/Kg	07/14/99	vz
	1,1,1,2-Tetrachloroethane, Solid	<10	10	mg/Kg	07/14/99	vz
	1,1,2,2-Tetrachloroethane, Solid	<10	10	mg/Kg	07/14/99	vz
	Tetrachloroethene, Solid	<10	10	mg/Kg	07/14/99	vz
	Toluene, Solid	<10	10	mg/Kg	07/14/99	vz
	1,2,3-Trichlorobenzene, Solid	<10	10	mg/Kg	07/14/99	vz
	1,2,4-Trichlorobenzene, Solid	<10	10	mg/Kg	07/14/99	vz
	1,1,1-Trichloroethane, Solid	<10	10	mg/Kg	07/14/99	vz
	1,1,2-Trichloroethane, Solid	<10	10	mg/Kg	07/14/99	vz
	Trichloroethene, Solid	<10	10	mg/Kg	07/14/99	vz
	Trichlorofluoromethane (Freon 11), Solid	<150	150	mg/Kg	07/14/99	vz
	1,1,2-Trichlorotrifluoroethane(Freon113), Solid	<10	10	mg/Kg	07/14/99	vz
	1,2,3-Trichloropropane, Solid	<10	10	mg/Kg	07/14/99	vz
	1,2,4-Trimethylbenzene, Solid	80	10	mg/Kg	07/14/99	vz
	1,3,5-Trimethylbenzene, Solid	20	10	mg/Kg	07/14/99	vz
	Vinyl acetate, Solid	<10	10	mg/Kg	07/14/99	vz
	Vinyl chloride, Solid	<30	30	mg/Kg	07/14/99	vz
	m&p-Xylenes, Solid	49	30	mg/Kg	07/14/99	vz
	o-Xylene, Solid	<10	10	mg/Kg	07/14/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263

Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-2@17'
Date Sampled.....: 07/01/1999
Time Sampled.....: 11:00
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-8
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 8020A	Volatile Organics -Aromatics					
	Benzene, Solid	2.8	0.2	mg/Kg	07/13/99	evd
	Ethylbenzene, Solid	25.4	0.2	mg/Kg	07/13/99	evd
	Toluene, Solid	4.6	0.2	mg/Kg	07/13/99	evd
	Xylenes (total), Solid	97.4	0.2	mg/Kg	07/13/99	evd

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-3@10'
Date Sampled.....: 07/01/1999
Time Sampled.....: 11:50
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-9
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 3630C	Silica Gel Cleanup, Solid	Complete		mL	07/14/99	tmp
SM 2540 B	% Moisture, Solid	5	0	%	07/07/99	mls
EPA 3550	Extraction (Ultrasonic) SVOCs					
	Ultrasonic Extraction, Solid	Complete			07/14/99	tmp
EPA 8270C	Semivolatile Organics					
	Acenaphthene, Solid	<0.105	0.105	mg/Kg	07/15/99	gfb
	Acenaphthylene, Solid	<0.104	0.104	mg/Kg	07/15/99	gfb
	Anthracene, Solid	<0.0886	0.0886	mg/Kg	07/15/99	gfb
	Benzo(a)anthracene, Solid	<0.0413	0.0413	mg/Kg	07/15/99	gfb
	Benzo(ghi)perylene, Solid	<0.3258	0.3258	mg/Kg	07/15/99	gfb
	Benzo(a)pyrene, Solid	<0.0608	0.0608	mg/Kg	07/15/99	gfb
	Chrysene, Solid	<0.0376	0.0376	mg/Kg	07/15/99	gfb
	Dibenzo(a,h)anthracene, Solid	<0.2019	0.2019	mg/Kg	07/15/99	gfb
	Fluoranthene, Solid	<0.0789	0.0789	mg/Kg	07/15/99	gfb
	Fluorene, Solid	<0.0927	0.0927	mg/Kg	07/15/99	gfb
	Indeno(1,2,3-cd)pyrene, Solid	<0.1634	0.1634	mg/Kg	07/15/99	gfb
	Naphthalene, Solid	16.9	0.1084	mg/Kg	07/15/99	gfb
	Phenanthrene, Solid	<0.0797	0.0797	mg/Kg	07/15/99	gfb
	Pyrene, Solid	<0.0603	0.0603	mg/Kg	07/15/99	gfb
	Benzo [b,k] fluoranthene, Solid	<0.0558	0.0558	mg/Kg	07/15/99	gfb
AK101	Gasoline Range Organics					
	Gasoline Range Organics (C6-C10), Solid	<1.75	1.75	mg/Kg	07/12/99	evd
EPA 8260B	Volatile Organics (Client List)					
	Benzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Bromobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Bromochloromethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Bromodichloromethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Bromoform, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Bromomethane, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	Methyl-t-Butyl Ether (MTBE), Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	Methyl ethyl ketone (2-Butanone), Solid	<0.052	0.052	mg/Kg	07/14/99	vz
	n-Butylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	sec-Butylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	tert-Butylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Carbon disulfide, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Carbon tetrachloride (Freon 10), Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Chlorobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Chloroethane, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	2-Chloroethylvinyl ether, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	Chloroform, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Chloromethane, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	2-Chlorotoluene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	4-Chlorotoluene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263

Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-3@10'
Date Sampled.....: 07/01/1999
Time Sampled.....: 11:50
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-9
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
	Dibromochloromethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2-Dibromoethane (EDB), Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2-Dibromo-3-chloropropane, Solid	<0.026	0.026	mg/Kg	07/14/99	vz
	Dibromomethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2-Dichlorobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,3-Dichlorobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,4-Dichlorobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Dichlorodifluoromethane (Freon 12), Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	1,1-Dichloroethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2-Dichloroethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,1-Dichloroethene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	cis-1,2-Dichloroethene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	trans-1,2-Dichloroethene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2-Dichloropropane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	cis-1,3-Dichloropropene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	trans-1,3-Dichloropropene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,3-Dichloropropane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	2,2-Dichloropropane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,1-Dichloropropene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Ethylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Hexachlorobutadiene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	2-Hexanone, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Iodomethane, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	Isopropylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	p-Isopropyltoluene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Methylene chloride, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	4-Methyl-2-pentanone (MIBK), Solid	<0.052	0.052	mg/Kg	07/14/99	vz
	Naphthalene, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	n-Propylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Styrene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,1,1,2-Tetrachloroethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,1,2,2-Tetrachloroethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Tetrachloroethene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Toluene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2,3-Trichlorobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2,4-Trichlorobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,1,1-Trichloroethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,1,2-Trichloroethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Trichloroethene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Trichlorofluoromethane (Freon 11), Solid	<0.052	0.052	mg/Kg	07/14/99	vz
	1,1,2-Trichlorotrifluoroethane(Freon113), Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2,3-Trichloropropane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2,4-Trimethylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,3,5-Trimethylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Vinyl acetate, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Vinyl chloride, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	m&p-Xylenes, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	o-Xylene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263

Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-3@10'
Date Sampled.....: 07/01/1999
Time Sampled.....: 11:50
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-9
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 8020A	Volatile Organics -Aromatics					
	Benzene, Solid	<0.02	0.02	mg/Kg	07/12/99	evd
	Ethylbenzene, Solid	<0.02	0.02	mg/Kg	07/12/99	evd
	Toluene, Solid	<0.02	0.02	mg/Kg	07/12/99	evd
	Xylenes (total), Solid	<0.02	0.02	mg/Kg	07/12/99	evd

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-3@16.5'
Date Sampled.....: 07/01/1999
Time Sampled.....: 12:00
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-10
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 3630C	Silica Gel Cleanup, Solid	Complete		mL	07/14/99	tmp
SM 2540 B	% Moisture, Solid	20	0	%	07/07/99	mls
EPA 3550	Extraction (Ultrasonic) SVOCs					
	Ultrasonic Extraction, Solid	Complete			07/14/99	tmp
EPA 8270C	Semivolatile Organics					
	Acenaphthene, Solid	<1.24	1.24	mg/Kg	07/16/99	gfb
	Acenaphthylene, Solid	<1.23	1.23	mg/Kg	07/16/99	gfb
	Anthracene, Solid	<1.05	1.05	mg/Kg	07/16/99	gfb
	Benzo(a)anthracene, Solid	<0.487	0.487	mg/Kg	07/16/99	gfb
	Benzo(ghi)perylene, Solid	<3.848	3.848	mg/Kg	07/16/99	gfb
	Benzo(a)pyrene, Solid	<0.718	0.718	mg/Kg	07/16/99	gfb
	Chrysene, Solid	<0.444	0.444	mg/Kg	07/16/99	gfb
	Dibenzo(a,h)anthracene, Solid	<2.385	2.385	mg/Kg	07/16/99	gfb
	Fluoranthene, Solid	<0.931	0.931	mg/Kg	07/16/99	gfb
	Fluorene, Solid	<1.09	1.09	mg/Kg	07/16/99	gfb
	Indeno(1,2,3-cd)pyrene, Solid	<1.929	1.929	mg/Kg	07/16/99	gfb
	Naphthalene, Solid	2.33	1.280	mg/Kg	07/16/99	gfb
	Phenanthrene, Solid	<0.941	0.941	mg/Kg	07/16/99	gfb
	Pyrene, Solid	<0.712	0.712	mg/Kg	07/16/99	gfb
	Benzo [b,k] fluoranthene, Solid	<0.658	0.658	mg/Kg	07/16/99	gfb
AK101	Gasoline Range Organics					
	Gasoline Range Organics (C6-C10), Solid	571	15.5	mg/Kg	07/13/99	evd
EPA 8260B	Volatile Organics (Client List)					
	Benzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Bromobenzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Bromochloromethane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Bromodichloromethane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Bromoform, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Bromomethane, Solid	<1.2	1.2	mg/Kg	07/14/99	vz
	Methyl-t-Butyl Ether (MTBE), Solid	<1.2	1.2	mg/Kg	07/14/99	vz
	Methyl ethyl ketone (2-Butanone), Solid	<6.2	6.2	mg/Kg	07/14/99	vz
	n-Butylbenzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	sec-Butylbenzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	tert-Butylbenzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Carbon disulfide, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Carbon tetrachloride (Freon 10), Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Chlorobenzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Chloroethane, Solid	<1.2	1.2	mg/Kg	07/14/99	vz
	2-Chloroethylvinyl ether, Solid	<1.2	1.2	mg/Kg	07/14/99	vz
	Chloroform, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Chloromethane, Solid	<1.2	1.2	mg/Kg	07/14/99	vz
	2-Chlorotoluene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	4-Chlorotoluene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-3@16.5'
Date Sampled.....: 07/01/1999
Time Sampled.....: 12:00
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-10
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
	Dibromochloromethane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,2-Dibromoethane (EDB), Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,2-Dibromo-3-chloropropane, Solid	<3.1	3.1	mg/Kg	07/14/99	vz
	Dibromomethane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,2-Dichlorobenzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,3-Dichlorobenzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,4-Dichlorobenzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Dichlorodifluoromethane (Freon 12), Solid	<1.2	1.2	mg/Kg	07/14/99	vz
	1,1-Dichloroethane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,2-Dichloroethane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,1-Dichloroethene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	cis-1,2-Dichloroethene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	trans-1,2-Dichloroethene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,2-Dichloropropane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	cis-1,3-Dichloropropene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	trans-1,3-Dichloropropene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,3-Dichloropropane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	2,2-Dichloropropane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,1-Dichloropropene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Ethylbenzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Hexachlorobutadiene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	2-Hexanone, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Iodomethane, Solid	<1.2	1.2	mg/Kg	07/14/99	vz
	Isopropylbenzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	p-Isopropyltoluene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Methylene chloride, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	4-Methyl-2-pentanone (MIBK), Solid	<6.2	6.2	mg/Kg	07/14/99	vz
	Naphthalene, Solid	<1.2	1.2	mg/Kg	07/14/99	vz
	n-Propylbenzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Styrene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,1,1,2-Tetrachloroethane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,1,2,2-Tetrachloroethane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Tetrachloroethene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Toluene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,2,3-Trichlorobenzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,2,4-Trichlorobenzene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,1,1-Trichloroethane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,1,2-Trichloroethane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Trichloroethene, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Trichlorofluoromethane (Freon 11), Solid	<6.2	6.2	mg/Kg	07/14/99	vz
	1,1,2-Trichlorotrifluoroethane(Freon113), Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,2,3-Trichloropropane, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	1,2,4-Trimethylbenzene, Solid	4.2	0.6	mg/Kg	07/14/99	vz
	1,3,5-Trimethylbenzene, Solid	1.2	0.6	mg/Kg	07/14/99	vz
	Vinyl acetate, Solid	<0.6	0.6	mg/Kg	07/14/99	vz
	Vinyl chloride, Solid	<1.2	1.2	mg/Kg	07/14/99	vz
	m&p-Xylenes, Solid	2.1	1.2	mg/Kg	07/14/99	vz
	o-Xylene, Solid	0.6	0.6	mg/Kg	07/14/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-3@16.5'
Date Sampled.....: 07/01/1999
Time Sampled.....: 12:00
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-10
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 8020A	Volatile Organics -Aromatics					
	Benzene, Solid	1.9	0.2	mg/Kg	07/13/99	evd
	Ethylbenzene, Solid	23.2	0.2	mg/Kg	07/13/99	evd
	Toluene, Solid	31.8	0.2	mg/Kg	07/13/99	evd
	Xylenes (total), Solid	96.7	0.2	mg/Kg	07/13/99	evd

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263

Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-4@10'
Date Sampled.....: 07/01/1999
Time Sampled.....: 13:36
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-11
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 3630C	Silica Gel Cleanup, Solid	Complete		mL	07/14/99	tmp
SM 2540 B	% Moisture, Solid	4	0	%	07/07/99	mls
EPA 3550	Extraction (Ultrasonic) SVOCs					
	Ultrasonic Extraction, Solid	Complete			07/14/99	tmp
EPA 8270C	Semivolatile Organics					
	Acenaphthene, Solid	<0.104	0.104	mg/Kg	07/15/99	gfb
	Acenaphthylene, Solid	<0.103	0.103	mg/Kg	07/15/99	gfb
	Anthracene, Solid	<0.0878	0.0878	mg/Kg	07/15/99	gfb
	Benzo(a)anthracene, Solid	<0.0409	0.0409	mg/Kg	07/15/99	gfb
	Benzo(ghi)perylene, Solid	<0.3227	0.3227	mg/Kg	07/15/99	gfb
	Benzo(a)pyrene, Solid	<0.0602	0.0602	mg/Kg	07/15/99	gfb
	Chrysene, Solid	<0.0372	0.0372	mg/Kg	07/15/99	gfb
	Dibenzo(a,h)anthracene, Solid	<0.2000	0.2000	mg/Kg	07/15/99	gfb
	Fluoranthene, Solid	<0.0781	0.0781	mg/Kg	07/15/99	gfb
	Fluorene, Solid	<0.0918	0.0918	mg/Kg	07/15/99	gfb
	Indeno(1,2,3-cd)pyrene, Solid	<0.1618	0.1618	mg/Kg	07/15/99	gfb
	Naphthalene, Solid	<0.1073	0.1073	mg/Kg	07/15/99	gfb
	Phenanthrene, Solid	<0.0789	0.0789	mg/Kg	07/15/99	gfb
	Pyrene, Solid	<0.0597	0.0597	mg/Kg	07/15/99	gfb
	Benzo [b,k] fluoranthene, Solid	<0.0552	0.0552	mg/Kg	07/15/99	gfb
AK101	Gasoline Range Organics					
	Gasoline Range Organics (C6-C10), Solid	<2.14	2.14	mg/Kg	07/12/99	evd
EPA 8260B	Volatile Organics (Client List)					
	Benzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Bromobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Bromochloromethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Bromodichloromethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Bromoform, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Bromomethane, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	Methyl-t-Butyl Ether (MTBE), Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	Methyl ethyl ketone (2-Butanone), Solid	<0.052	0.052	mg/Kg	07/14/99	vz
	n-Butylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	sec-Butylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	tert-Butylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Carbon disulfide, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Carbon tetrachloride (Freon 10), Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Chlorobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Chloroethane, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	2-Chloroethylvinyl ether, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	Chloroform, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Chloromethane, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	2-Chlorotoluene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	4-Chlorotoluene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263

Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-4@10'
Date Sampled.....: 07/01/1999
Time Sampled.....: 13:36
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-11
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
	Dibromochloromethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2-Dibromoethane (EDB), Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2-Dibromo-3-chloropropane, Solid	<0.026	0.026	mg/Kg	07/14/99	vz
	Dibromomethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2-Dichlorobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,3-Dichlorobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,4-Dichlorobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Dichlorodifluoromethane (Freon 12), Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	1,1-Dichloroethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2-Dichloroethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,1-Dichloroethene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	cis-1,2-Dichloroethene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	trans-1,2-Dichloroethene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2-Dichloropropane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	cis-1,3-Dichloropropene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	trans-1,3-Dichloropropene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,3-Dichloropropane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	2,2-Dichloropropane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,1-Dichloropropene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Ethylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Hexachlorobutadiene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	2-Hexanone, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Iodomethane, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	Isopropylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	p-Isopropyltoluene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Methylene chloride, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	4-Methyl-2-pentanone (MIBK), Solid	<0.052	0.052	mg/Kg	07/14/99	vz
	Naphthalene, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	n-Propylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Styrene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,1,1,2-Tetrachloroethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,1,2,2-Tetrachloroethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Tetrachloroethene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Toluene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2,3-Trichlorobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2,4-Trichlorobenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,1,1-Trichloroethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,1,2-Trichloroethane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Trichloroethene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Trichlorofluoromethane (Freon 11), Solid	<0.052	0.052	mg/Kg	07/14/99	vz
	1,1,2-Trichlorotrifluoroethane(Freon113), Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2,3-Trichloropropane, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,2,4-Trimethylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	1,3,5-Trimethylbenzene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Vinyl acetate, Solid	<0.005	0.005	mg/Kg	07/14/99	vz
	Vinyl chloride, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	m&p-Xylenes, Solid	<0.010	0.010	mg/Kg	07/14/99	vz
	o-Xylene, Solid	<0.005	0.005	mg/Kg	07/14/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-4@10'
Date Sampled.....: 07/01/1999
Time Sampled.....: 13:36
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-11
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 8020A	Volatile Organics -Aromatics					
	Benzene, Solid	<0.02	0.02	mg/Kg	07/12/99	evd
	Ethylbenzene, Solid	0.04	0.02	mg/Kg	07/12/99	evd
	Toluene, Solid	0.07	0.02	mg/Kg	07/12/99	evd
	Xylenes (total), Solid	0.11	0.02	mg/Kg	07/12/99	evd

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263

Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-4@16.5'
Date Sampled.....: 07/01/1999
Time Sampled.....: 13:44
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-12
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 3630C	Silica Gel Cleanup, Solid	Complete		mL	07/14/99	tmp
SM 2540 B	% Moisture, Solid	9	0	%	07/07/99	mls
EPA 3550	Extraction (Ultrasonic) SVOCs					
	Ultrasonic Extraction, Solid	Complete			07/14/99	tmp
EPA 8270C	Semivolatile Organics					
	Acenaphthene, Solid	<0.110	0.110	mg/Kg	07/15/99	gfb
	Acenaphthylene, Solid	<0.109	0.109	mg/Kg	07/15/99	gfb
	Anthracene, Solid	<0.0928	0.0928	mg/Kg	07/15/99	gfb
	Benzo(a)anthracene, Solid	<0.0432	0.0432	mg/Kg	07/15/99	gfb
	Benzo(ghi)perylene, Solid	<0.3413	0.3413	mg/Kg	07/15/99	gfb
	Benzo(a)pyrene, Solid	<0.0637	0.0637	mg/Kg	07/15/99	gfb
	Chrysene, Solid	<0.0394	0.0394	mg/Kg	07/15/99	gfb
	Dibenzo(a,h)anthracene, Solid	<0.2115	0.2115	mg/Kg	07/15/99	gfb
	Fluoranthene, Solid	<0.0826	0.0826	mg/Kg	07/15/99	gfb
	Fluorene, Solid	<0.0971	0.0971	mg/Kg	07/15/99	gfb
	Indeno(1,2,3-cd)pyrene, Solid	<0.1712	0.1712	mg/Kg	07/15/99	gfb
	Naphthalene, Solid	<0.1135	0.1135	mg/Kg	07/15/99	gfb
	Phenanthrene, Solid	<0.0835	0.0835	mg/Kg	07/15/99	gfb
	Pyrene, Solid	<0.0631	0.0631	mg/Kg	07/15/99	gfb
	Benzo [b,k] fluoranthene, Solid	<0.0584	0.0584	mg/Kg	07/15/99	gfb
AK101	Gasoline Range Organics					
	Gasoline Range Organics (C6-C10), Solid	<1.86	1.86	mg/Kg	07/12/99	evd
EPA 8260B	Volatile Organics (Client List)					
	Benzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Bromobenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Bromochloromethane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Bromodichloromethane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Bromoform, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Bromomethane, Solid	<0.011	0.011	mg/Kg	07/14/99	vz
	Methyl-t-Butyl Ether (MTBE), Solid	<0.011	0.011	mg/Kg	07/14/99	vz
	Methyl ethyl ketone (2-Butanone), Solid	<0.055	0.055	mg/Kg	07/14/99	vz
	n-Butylbenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	sec-Butylbenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	tert-Butylbenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Carbon disulfide, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Carbon tetrachloride (Freon 10), Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Chlorobenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Chloroethane, Solid	<0.011	0.011	mg/Kg	07/14/99	vz
	2-Chloroethylvinyl ether, Solid	<0.011	0.011	mg/Kg	07/14/99	vz
	Chloroform, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Chloromethane, Solid	<0.011	0.011	mg/Kg	07/14/99	vz
	2-Chlorotoluene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	4-Chlorotoluene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263 Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-4@16.5'
Date Sampled.....: 07/01/1999
Time Sampled.....: 13:44
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-12
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
	Dibromochloromethane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,2-Dibromoethane (EDB), Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,2-Dibromo-3-chloropropane, Solid	<0.028	0.028	mg/Kg	07/14/99	vz
	Dibromomethane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,2-Dichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,3-Dichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,4-Dichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Dichlorodifluoromethane (Freon 12), Solid	<0.011	0.011	mg/Kg	07/14/99	vz
	1,1-Dichloroethane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,2-Dichloroethane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,1-Dichloroethene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	cis-1,2-Dichloroethene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	trans-1,2-Dichloroethene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,2-Dichloropropane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	cis-1,3-Dichloropropene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	trans-1,3-Dichloropropene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,3-Dichloropropane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	2,2-Dichloropropane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,1-Dichloropropene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Ethylbenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Hexachlorobutadiene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	2-Hexanone, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Iodomethane, Solid	<0.011	0.011	mg/Kg	07/14/99	vz
	Isopropylbenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	p-Isopropyltoluene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Methylene chloride, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	4-Methyl-2-pentanone (MIBK), Solid	<0.055	0.055	mg/Kg	07/14/99	vz
	Naphthalene, Solid	<0.011	0.011	mg/Kg	07/14/99	vz
	n-Propylbenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Styrene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,1,1,2-Tetrachloroethane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,1,2,2-Tetrachloroethane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Tetrachloroethene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Toluene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,2,3-Trichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,2,4-Trichlorobenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,1,1-Trichloroethane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,1,2-Trichloroethane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Trichloroethene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Trichlorofluoromethane (Freon 11), Solid	<0.055	0.055	mg/Kg	07/14/99	vz
	1,1,2-Trichlorotrifluoroethane(Freon113), Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,2,3-Trichloropropane, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,2,4-Trimethylbenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	1,3,5-Trimethylbenzene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Vinyl acetate, Solid	<0.006	0.006	mg/Kg	07/14/99	vz
	Vinyl chloride, Solid	<0.011	0.011	mg/Kg	07/14/99	vz
	m&p-Xylenes, Solid	<0.011	0.011	mg/Kg	07/14/99	vz
	o-Xylene, Solid	<0.006	0.006	mg/Kg	07/14/99	vz

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 991263

Date: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

Customer Sample ID: MW-4@16.5'
Date Sampled.....: 07/01/1999
Time Sampled.....: 13:44
Sample Matrix.....: Soil

Laboratory Sample ID: 991263-12
Date Received.....: 07/03/1999
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
EPA 8020A	Volatile Organics -Aromatics					
	Benzene, Solid	<0.02	0.02	mg/Kg	07/12/99	evd
	Ethylbenzene, Solid	<0.02	0.02	mg/Kg	07/12/99	evd
	Toluene, Solid	0.02	0.02	mg/Kg	07/12/99	evd
	Xylenes (total), Solid	<0.02	0.02	mg/Kg	07/12/99	evd

CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 991263

Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

Test Method.....: SM 2540 B
Method Description.: Total Solids
Parameter.....: % Moisture

Batch.....: 7100
Units.....: %

Analyst...: mls
Test Code.: %MOIST

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
MB			0.0							07/07/1999	0000

Test Method.....: SM 5310 B
Method Description.: Total Organic Carbon
Parameter.....: Organic Carbon, Total (TOC)

Batch.....: 7099
Units.....: mg/L

Analyst...: gwd
Test Code.: TOC

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
LCS		E80379	1045	954.5	1000		104	90-110		07/07/1999	0000
LCS		E80379	954.5		1000		95	90-110		07/07/1999	0000
MB			5.925							07/07/1999	0000

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 991263

Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank				07/14/1999	2320

Test Method.....: EPA 8270C
Method Description.: Semivolatile Organics

Batch.....: 7343
Units.....: ug/L

Analyst...: gfb

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
1,2-Diphenylhydrazine	0							
2,4,6-Trichlorophenol	0							
2,4,5-Trichlorophenol	0							
Phenol	0							
Pentachlorophenol	0							
4-Nitrophenol	0							
2-Nitrophenol	0							
(3+4) Methylphenol (m+p-cresol)	0							
2-Methylphenol (o-cresol)	0							
2,4-Dinitrophenol	0							
2,4-Dimethylphenol	0							
2,4-Dichlorophenol	0							
2-Chlorophenol	0							
4-Chloro-3-methylphenol	0							
Benzoic acid	0							
1,2,4-Trichlorobenzene	0							
n-Nitrosodiphenylamine	0							
n-Nitrosodi-n-propylamine	0							
n-Nitrosodimethylamine	0							
Nitrobenzene	0							
4-Nitroaniline	0							
3-Nitroaniline	0							
2-Nitroaniline	0							
4-Chlorophenyl phenyl ether	0							
2-Methylnaphthalene	0							
Isophorone	0							
Bis(2-chloroethyl)ether	0							
Hexachloroethane	0							
Hexachlorocyclopentadiene	0							
Hexachlorobutadiene	0							
Hexachlorobenzene	0							
Pyridine	0							
1,4-Dichlorobenzene	0							
Butyl benzyl phthalate	0							
Benzyl alcohol	0							
2,6-Dinitrotoluene	0							
2,4-Dinitrotoluene	0							
Di-n-octyl phthalate	0							
Di-n-butyl phthalate	0							
4,6-Dinitro-2-methylphenol	0							
Dimethyl phthalate	0							
Diethyl phthalate	0							
3,3-Dichlorobenzidine	0							
Bis(2-chloroethoxy)methane	0							
1,3-Dichlorobenzene	0							
1,2-Dichlorobenzene	0							
Dibenzofuran	0							
Benzidine	0							
Aniline	0							
2-Chloronaphthalene	0							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank				07/14/1999	2320

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
4-Chloroaniline	0							
4-Bromophenyl phenyl ether	0							
Bis(2-ethylhexyl)phthalate	2.44							
Bis(2-chloroisopropyl)ether	0							
Acenaphthene	0							
Acenaphthylene	0							
Anthracene	0							
Benzo(a)anthracene	0							
Benzo(ghi)perylene	0							
Benzo(a)pyrene	0							
Chrysene	0							
Dibenzo(a,h)anthracene	0							
Fluoranthene	0							
Fluorene	0							
Indeno(1,2,3-cd)pyrene	0							
Naphthalene	0							
Phenanthrene	0							
Pyrene	0							
Benzo [b,k] fluoranthene	0							

SB	Spiked Blank	09062802			07/15/1999	0010

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
1,4-Dichlorobenzene	14.67		25.000000		58.7		20-124	
2,4-Dinitrotoluene	17.66		25.000000		70.6		0-112	
4-Nitrophenol	30.89		50.000000		61.8		0-132	
n-Nitrosodi-n-propylamine	16.91		25.000000		67.6		0-230	
Phenol	36.37		50.000000		72.7		5-112	
Pentachlorophenol	27.30		50.000000		54.6		14-176	
1,2,4-Trichlorobenzene	14.54		25.000000		58.2		44-142	
4-Chloro-3-methylphenol	39.19		50.000000		78.4		22-147	
2-Chlorophenol	33.32		50.000000		66.6		23-134	
Acenaphthene	20.26		25.000000		81.0		47-145	
Pyrene	19.89		25.000000		79.6		52-115	

Test Method.....: EPA 8270C Batch.....: 7379 Analyst...: gfb
Method Description.: Semivolatile Organics Units.....: ug/L

MB	Method Blank				07/16/1999	2017

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzyl alcohol	0							
Aniline	0							
Butyl benzyl phthalate	0							
Bis(2-chloroethoxy)methane	0							
Benzidine	0							
Bis(2-chloroisopropyl)ether	0							
Bis(2-ethylhexyl)phthalate	3.46							
4-Bromophenyl phenyl ether	0							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank				07/16/1999	2017

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
4-Chloroaniline	0							
2-Chloronaphthalene	0							
4-Chlorophenyl phenyl ether	0							
(3+4) Methylphenol (m+p-cresol)	0							
2-Nitrophenol	0							
Dibenzofuran	0							
1,2-Dichlorobenzene	0							
1,3-Dichlorobenzene	0							
1,4-Dichlorobenzene	0							
3,3-Dichlorobenzidine	0							
Diethyl phthalate	0							
Dimethyl phthalate	0							
4,6-Dinitro-2-methylphenol	0							
Di-n-butyl phthalate	0							
Di-n-octyl phthalate	0							
2,4-Dinitrotoluene	0							
2,6-Dinitrotoluene	0							
4-Nitrophenol	0							
Pentachlorophenol	0							
Hexachlorobenzene	0							
Hexachlorobutadiene	0							
Hexachlorocyclopentadiene	0							
Hexachloroethane	0							
Phenol	0							
Isophorone	0							
2-Methylnaphthalene	0							
2,4,5-Trichlorophenol	0							
2-Nitroaniline	0							
3-Nitroaniline	0							
Bis(2-chloroethyl)ether	0							
4-Nitroaniline	0							
Pyridine	0							
Nitrobenzene	0							
n-Nitrosodimethylamine	0							
n-Nitrosodi-n-propylamine	0							
n-Nitrosodiphenylamine	0							
1,2-Diphenylhydrazine	0							
2,4,6-Trichlorophenol	0							
1,2,4-Trichlorobenzene	0							
Benzoic acid	0							
4-Chloro-3-methylphenol	0							
2-Chlorophenol	0							
2,4-Dichlorophenol	0							
2,4-Dimethylphenol	0							
2,4-Dinitrophenol	0							
2-Methylphenol (o-cresol)	0							
Acenaphthene	0							
Acenaphthylene	0							
Anthracene	0							
Benzo(a)anthracene	0							
Benzo(ghi)perylene	0							
Benzo(a)pyrene	0							
Chrysene	0							
Dibenzo(a,h)anthracene	0							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

CORE LAB

CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 991263 — Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. — PROJECT: Chevron-Alaska — ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank				07/16/1999	2017

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Fluoranthene	0							
Fluorene	0							
Indeno(1,2,3-cd)pyrene	0							
Naphthalene	0							
Phenanthrene	0							
Pyrene	0							
Benzo [b,k] fluoranthene	0							

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SB	Spiked Blank	09062802			07/16/1999	2107

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
4-Nitrophenol	34.51		50.000000		69.0		0-132	
1,4-Dichlorobenzene	19.38		25.000000		77.5		20-124	
Phenol	42.00		50.000000		84.0		5-112	
2,4-Dinitrotoluene	17.87		25.000000		71.5		0-112	
n-Nitrosodi-n-propylamine	22.17		25.000000		88.7		0-230	
Pentachlorophenol	37.40		50.000000		74.8		14-176	
1,2,4-Trichlorobenzene	19.30		25.000000		77.2		44-142	
4-Chloro-3-methylphenol	48.96		50.000000		97.9		22-147	
2-Chlorophenol	42.85		50.000000		85.7		23-134	
Acenaphthene	24.54		25.000000		98.2		47-145	
Pyrene	21.84		25.000000		87.4		52-115	

Test Method.....: AK101 — Batch.....: 7237 — Analyst...: evd
Method Description.: Gasoline Range Organics — Units.....: mg/L

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank				07/12/1999	1135

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Gasoline Range Organics (C6-C10)	0							

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	09060803			07/12/1999	1227

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Gasoline Range Organics (C6-C10)	811		1000.0		81.1		70-120	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	09060803			07/12/1999	1254

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Gasoline Range Organics (C6-C10)	825	811	1000.0		82.5		70-120	
					1.7		20	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 991263 — Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. — PROJECT: Chevron-Alaska — ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	09071203	991263-12	50	07/13/1999	0519

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Gasoline Range Organics (C6-C10)	876		1000.0	11	86.5		60-140	

MSD	Matrix Spike Duplicate	09071203	991263-12	50	07/13/1999	0545

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Gasoline Range Organics (C6-C10)	837	876	1000.0	11	82.6		60-140	
					5		50	

Test Method.....: AK101 — Batch.....: 7257 — Analyst...: evd
Method Description.: Gasoline Range Organics — Units.....: mg/L

MB	Method Blank				07/13/1999	0757

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Gasoline Range Organics (C6-C10)	0							

LCS	Laboratory Control Sample	09071203			07/13/1999	0823

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Gasoline Range Organics (C6-C10)	847		1000.0		84.7		70-120	

LCD	Laboratory Control Sample Duplicate	09071203			07/13/1999	0850

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Gasoline Range Organics (C6-C10)	886	847	1000.0		88.6		70-120	
					4.5		20	

MS	Matrix Spike	09071203	991271-4		07/13/1999	1514

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Gasoline Range Organics (C6-C10)	857		1000.0	3	85.4		60-140	

MSD	Matrix Spike Duplicate	09071203	991271-4		07/13/1999	1604

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Gasoline Range Organics (C6-C10)	937	857	1000.0	3	93.4		60-140	
					9		50	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: EPA 8260B Batch.....: 7269 Analyst...: vz
Method Description.: Volatile Organics (Client List) Units.....: ug/L

MS	Matrix Spike	09052801	991199-1		07/02/1999	2106

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	10.77		10.000000	0	107.7		88-134	
Chlorobenzene	12.96		10.000000	0	129.6		92-122	X
1,1-Dichloroethene	10.47		10.000000	0	104.7		39-141	
Toluene	11.19		10.000000	0	111.9		86-137	
Trichloroethene	11.23		10.000000	0	112.3		75-148	

MSD	Matrix Spike Duplicate	09052801	991199-1		07/02/1999	2149

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	10.90	10.77	10.000000	0	109.01	8	88-134	
Chlorobenzene	10.66	12.96	10.000000	0	106.619	8	92-122	Y
1,1-Dichloroethene	9.65	10.47	10.000000	0	96.58	15	39-141	
Toluene	11.61	11.19	10.000000	0	116.14	7	86-137	
Trichloroethene	11.41	11.23	10.000000	0	114.12	13	75-148	

MS	Matrix Spike	09052801	991219-1		07/09/1999	2135

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	8.89		10.000000	0	88.9		73-140	
Chlorobenzene	9.55		10.000000	0	95.5		78-135	
1,1-Dichloroethene	5.56		10.000000	0	55.6		55-120	
Toluene	9.48		10.000000	0	94.8		72-143	
Trichloroethene	9.50		10.000000	0	95.0		61-180	

MSD	Matrix Spike Duplicate	09052801	991219-1		07/09/1999	2218

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	8.76	8.89	10.000000	0	87.61	12	73-140	
Chlorobenzene	9.68	9.55	10.000000	0	96.81	11	78-135	
1,1-Dichloroethene	5.45	5.56	10.000000	0	54.52	12	55-120	X
Toluene	9.28	9.48	10.000000	0	92.82	10	72-143	
Trichloroethene	9.25	9.50	10.000000	0	92.53	12	61-180	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

CORELAB

CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 991263

Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	09071204			07/13/1999	1133

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	9.80		10.000000		98.0		74-135	
Chlorobenzene	10.08		10.000000		100.8		76-124	
1,1-Dichloroethene	9.11		10.000000		91.1		42-134	
Toluene	10.46		10.000000		104.6		79-132	
Trichloroethene	11.16		10.000000		111.6		77-133	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank				07/13/1999	1215

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Acrolein	0							
Acrylonitrile	0							
Acetone	0							
Benzene	0							
Bromobenzene	0							
Bromochloromethane	0							
Bromodichloromethane	0							
Bromoform	0							
Bromomethane	0							
Methyl-t-Butyl Ether (MTBE)	0							
Methyl ethyl ketone (2-Butanone)	0							
n-Butylbenzene	0							
sec-Butylbenzene	0							
tert-Butylbenzene	0							
Carbon disulfide	0							
Carbon tetrachloride (Freon 10)	0							
Chlorobenzene	0							
Chloroethane	0							
2-Chloroethylvinyl ether	0							
Chloroform	0							
Chloromethane	0							
2-Chlorotoluene	0							
4-Chlorotoluene	0							
Dibromochloromethane	0							
1,2-Dibromoethane (EDB)	0							
1,2-Dibromo-3-chloropropane	0							
Dibromomethane	0							
1,2-Dichlorobenzene	0							
1,3-Dichlorobenzene	0							
1,4-Dichlorobenzene	0							
Dichlorodifluoromethane (Freon 12)	0							
1,1-Dichloroethane	0							
1,2-Dichloroethane	0							
1,1-Dichloroethene	0							
cis-1,2-Dichloroethene	0							
trans-1,2-Dichloroethene	0							
1,2-Dichloropropane	0							
cis-1,3-Dichloropropene	0							
trans-1,3-Dichloropropene	0							
1,3-Dichloropropane	0							
2,2-Dichloropropane	0							
1,1-Dichloropropene	0							
Ethylbenzene	0							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank				07/13/1999	1215

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Hexachlorobutadiene	0							
2-Hexanone	0							
Iodomethane	0							
Isopropylbenzene	0							
p-Isopropyltoluene	0							
Methylene chloride	0							
4-Methyl-2-pentanone (MIBK)	0							
Naphthalene	0							
n-Propylbenzene	0							
Styrene	0							
1,1,1,2-Tetrachloroethane	0							
1,1,2,2-Tetrachloroethane	0							
Tetrachloroethene	0							
Toluene	0							
1,2,3-Trichlorobenzene	0							
1,2,4-Trichlorobenzene	0							
1,1,1-Trichloroethane	0							
1,1,2-Trichloroethane	0							
Trichloroethene	0							
Trichlorofluoromethane (Freon 11)	0							
1,1,2-Trichlorotrifluoroethane(Freon113)	0							
1,2,3-Trichloropropane	0							
1,2,4-Trimethylbenzene	0							
1,3,5-Trimethylbenzene	0							
Vinyl acetate	0							
Vinyl chloride	0							
m&p-Xylenes	0							
o-Xylene	0							
Tetrahydrofuran	0							

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank				07/13/1999	1448

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Acrolein	0							
Acrylonitrile	0							
Acetone	1.28							
Benzene	0							
Bromobenzene	0							
Bromochloromethane	0							
Bromodichloromethane	0							
Bromoform	0							
Bromomethane	0							
Methyl-t-Butyl Ether (MTBE)	0							
Methyl ethyl ketone (2-Butanone)	0							
n-Butylbenzene	0							
sec-Butylbenzene	0							
tert-Butylbenzene	0							
Carbon disulfide	0.32							
Carbon tetrachloride (Freon 10)	0							
Chlorobenzene	0							
Chloroethane	0							
2-Chloroethylvinyl ether	0							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 991263

Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank				07/13/1999	1448

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Chloroform	0							
Chloromethane	0							
2-Chlorotoluene	0							
4-Chlorotoluene	0							
Dibromochloromethane	0							
1,2-Dibromoethane (EDB)	0							
1,2-Dibromo-3-chloropropane	0							
Dibromomethane	0							
1,2-Dichlorobenzene	0							
1,3-Dichlorobenzene	0							
1,4-Dichlorobenzene	0							
Dichlorodifluoromethane (Freon 12)	0							
1,1-Dichloroethane	0							
1,2-Dichloroethane	0							
1,1-Dichloroethene	0							
cis-1,2-Dichloroethene	0							
trans-1,2-Dichloroethene	0							
1,2-Dichloropropane	0							
cis-1,3-Dichloropropene	0							
trans-1,3-Dichloropropene	0							
1,3-Dichloropropane	0							
2,2-Dichloropropane	0							
1,1-Dichloropropene	0							
Ethylbenzene	0							
Hexachlorobutadiene	0							
2-Hexanone	0							
Iodomethane	0							
Isopropylbenzene	0							
p-Isopropyltoluene	0							
Methylene chloride	0.57							
4-Methyl-2-pentanone (MIBK)	0							
Naphthalene	0							
n-Propylbenzene	0							
Styrene	0							
1,1,1,2-Tetrachloroethane	0							
1,1,2,2-Tetrachloroethane	0							
Tetrachloroethene	0							
Toluene	0							
1,2,3-Trichlorobenzene	0							
1,2,4-Trichlorobenzene	0							
1,1,1-Trichloroethane	0							
1,1,2-Trichloroethane	0							
Trichloroethene	0							
Trichlorofluoromethane (Freon 11)	0							
1,1,2-Trichlorotrifluoroethane(Freon113)	0							
1,2,3-Trichloropropane	0							
1,2,4-Trimethylbenzene	0							
1,3,5-Trimethylbenzene	0							
Vinyl acetate	0							
Vinyl chloride	0							
m&p-Xylenes	0							
o-Xylene	0							
Tetrahydrofuran	0							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 991263

Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: EPA 8260B
Method Description.: Volatile Organics (Client List)

Batch.....: 7320
Units.....: ug/L

Analyst...: vz

MS	Matrix Spike	09052801	991219-1		07/09/1999	2135

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	8.89		10.000000	0	88.9		73-140	
Chlorobenzene	9.55		10.000000	0	95.5		78-135	
1,1-Dichloroethene	5.56		10.000000	0	55.6		55-120	
Toluene	9.48		10.000000	0	94.8		72-143	
Trichloroethene	9.50		10.000000	0	95.0		61-180	

MSD	Matrix Spike Duplicate	09052801	991219-1		07/09/1999	2218

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	8.76	8.89	10.000000	0	87.6 1		73-140 12	
Chlorobenzene	9.68	9.55	10.000000	0	96.8 1		78-135 11	
1,1-Dichloroethene	5.45	5.56	10.000000	0	54.5 2		55-120 12	X
Toluene	9.28	9.48	10.000000	0	92.8 2		72-143 10	
Trichloroethene	9.25	9.50	10.000000	0	92.5 3		61-180 12	

MS	Matrix Spike	09052801	991227-10		07/10/1999	0212

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	8.01		10.000000	0	80.1		73-140	
Chlorobenzene	8.07		10.000000	0.34	77.3		78-135	X
1,1-Dichloroethene	7.34		10.000000	0	73.4		55-120	
Toluene	7.99		10.000000	0	79.9		72-143	
Trichloroethene	8.96		10.000000	0	89.6		61-180	

MSD	Matrix Spike Duplicate	09052801	991227-10		07/10/1999	0255

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	8.15	8.01	10.000000	0	81.5 2		73-140 12	
Chlorobenzene	8.16	8.07	10.000000	0.34	78.2 1		78-135 11	
1,1-Dichloroethene	7.05	7.34	10.000000	0	70.5 4		55-120 12	
Toluene	7.90	7.99	10.000000	0	79.0 1		72-143 10	
Trichloroethene	9.00	8.96	10.000000	0	90.0 0		61-180 12	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 991263

Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	09071204			07/14/1999	1707

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	8.92		10.000000		89.2		74-135	
Chlorobenzene	10.00		10.000000		100.0		76-124	
1,1-Dichloroethene	9.20		10.000000		92.0		42-134	
Toluene	10.18		10.000000		101.8		79-132	
Trichloroethene	11.09		10.000000		110.9		77-133	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank				07/14/1999	1750

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Acrolein	0							
Acrylonitrile	0							
Acetone	0							
Benzene	0							
Bromobenzene	0							
Bromochloromethane	0							
Bromodichloromethane	0							
Bromoform	0							
Bromomethane	0							
Methyl-t-Butyl Ether (MTBE)	0							
Methyl ethyl ketone (2-Butanone)	0							
n-Butylbenzene	0							
sec-Butylbenzene	0							
tert-Butylbenzene	0							
Carbon disulfide	0.56							
Carbon tetrachloride (Freon 10)	0							
Chlorobenzene	0							
Chloroethane	0							
2-Chloroethylvinyl ether	0							
Chloroform	0							
Chloromethane	0							
2-Chlorotoluene	0							
4-Chlorotoluene	0							
Dibromochloromethane	0							
1,2-Dibromoethane (EDB)	0							
1,2-Dibromo-3-chloropropane	0							
Dibromomethane	0							
1,2-Dichlorobenzene	0							
1,3-Dichlorobenzene	0							
1,4-Dichlorobenzene	0							
Dichlorodifluoromethane (Freon 12)	0							
1,1-Dichloroethane	0							
1,2-Dichloroethane	0							
1,1-Dichloroethene	0							
cis-1,2-Dichloroethene	0							
trans-1,2-Dichloroethene	0							
1,2-Dichloropropane	0							
cis-1,3-Dichloropropene	0							
trans-1,3-Dichloropropene	0							
1,3-Dichloropropane	0							
2,2-Dichloropropane	0							
1,1-Dichloropropene	0							
Ethylbenzene	0							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank				07/14/1999	1750

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Hexachlorobutadiene	0							
2-Hexanone	0							
Iodomethane	0							
Isopropylbenzene	0							
p-Isopropyltoluene	0							
Methylene chloride	0							
4-Methyl-2-pentanone (MIBK)	0							
Naphthalene	0							
n-Propylbenzene	0							
Styrene	0							
1,1,1,2-Tetrachloroethane	0							
1,1,2,2-Tetrachloroethane	0							
Tetrachloroethene	0							
Toluene	0							
1,2,3-Trichlorobenzene	0							
1,2,4-Trichlorobenzene	0							
1,1,1-Trichloroethane	0							
1,1,2-Trichloroethane	0							
Trichloroethene	0							
Trichlorofluoromethane (Freon 11)	0							
1,1,2-Trichlorotrifluoroethane(Freon113)	0.34							
1,2,3-Trichloropropane	0							
1,2,4-Trimethylbenzene	0							
1,3,5-Trimethylbenzene	0							
Vinyl acetate	0							
Vinyl chloride	0							
m&p-Xylenes	0							
o-Xylene	0							
Tetrahydrofuran	0							

Test Method.....: EPA 8020A Batch.....: 7236 Analyst...: evd
Method Description.: Volatile Organics -Aromatics Units.....: ug/L

MB	Method Blank				07/12/1999	1135

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	0.00							
Ethylbenzene	0.00							
Methyl-t-Butyl Ether (MTBE)	0.00							
Toluene	0.00							
Xylenes (total)	0.00							

LCS	Laboratory Control Sample	09071201			07/12/1999	1320

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	56.48		50		113.0		39-150	
Ethylbenzene	54.25		50		108.5		32-160	
Methyl-t-Butyl Ether (MTBE)	292.60		250		117.0		50-150	
Toluene	56.18		50		112.4		46-148	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	09071201			07/12/1999	1320

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Xylenes (total)	170.52		150		113.7		75-125	

LCD	Laboratory Control Sample Duplicate	09071201			07/12/1999	1347

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	57.16	56.48	50		114.3		39-150	
					1.2		20	
Ethylbenzene	54.63	54.25	50		109.3		32-160	
					0.7		20	
Methyl-t-Butyl Ether (MTBE)	288.71	292.60	250		115.5		50-150	
					1.3		25	
Toluene	56.44	56.18	50		112.9		46-148	
					0.5		20	
Xylenes (total)	171.92	170.52	150		114.6		75-125	
					0.8		20	

MS	Matrix Spike	09071201	991263-12	50	07/13/1999	0612

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	58.38		50	0.12	116.5		39-150	
Ethylbenzene	56.37		50	0.89	111.0		32-160	
Methyl-t-Butyl Ether (MTBE)	290.13		250	0.40	115.9		50-150	
Toluene	58.69		50	1.08	115.2		46-148	
Xylenes (total)	176.75		150	0.72	117.4		75-125	

MSD	Matrix Spike Duplicate	09071201	991263-12	50	07/13/1999	0638

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	55.41	58.38	50	0.12	110.6		39-150	
					5		20	
Ethylbenzene	52.99	56.37	50	0.89	104.2		32-160	
					6		20	
Methyl-t-Butyl Ether (MTBE)	265.59	290.13	250	0.40	106.1		50-150	
					9		25	
Toluene	55.85	58.69	50	1.08	109.5		46-148	
					5		20	
Xylenes (total)	166.19	176.75	150	0.72	110.3		75-125	
					6		20	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: EPA 8020A Batch.....: 7255 Analyst...: evd
Method Description.: Volatile Organics -Aromatics Units.....: ug/L

MB	Method Blank				07/13/1999	0757

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	0.00							
Ethylbenzene	0.00							
Methyl-t-Butyl Ether (MTBE)	0.00							
Toluene	0.00							
Xylenes (total)	0.00							

CV	Calibration Verification	09071201			07/13/1999	0916

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	55.96		50		112		85-115	
Ethylbenzene	53.56		50		107		85-115	
Methyl-t-Butyl Ether (MTBE)	246.54		250		99		70-130	
Toluene	54.64		50		109		85-115	
Xylenes (total)	167.23		150		111		85-115	

MS	Matrix Spike	09071201	991271-4		07/13/1999	1717

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	61.06		50	0.00	122.1		39-150	
Ethylbenzene	58.99		50	0.00	118.0		32-160	
Methyl-t-Butyl Ether (MTBE)	242.54		250	0.00	97.0		50-150	
Toluene	57.87		50	0.00	115.7		46-148	
Xylenes (total)	184.87		150	0.11	123.2		75-125	

MSD	Matrix Spike Duplicate	09071201	991271-4		07/13/1999	1743

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	60.91	61.06	50	0.00	121.8 0		39-150 20	
Ethylbenzene	58.30	58.99	50	0.00	116.6 1		32-160 20	
Methyl-t-Butyl Ether (MTBE)	279.43	242.54	250	0.00	111.8 14		50-150 25	
Toluene	58.12	57.87	50	0.00	116.2 0		46-148 20	
Xylenes (total)	184.08	184.87	150	0.11	122.6 0		75-125 20	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 991263

Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	09071201			07/13/1999	1900

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	58.94		50		117.9		39-150	
Ethylbenzene	57.25		50		114.5		32-160	
Methyl-t-Butyl Ether (MTBE)	249.47		250		99.8		50-150	
Toluene	58.62		50		117.2		46-148	
Xylenes (total)	180.44		150		120.3		75-125	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	09071201			07/13/1999	1926

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	56.54	58.94	50		113.1		39-150	
					4.2		20	
Ethylbenzene	55.54	57.25	50		111.1		32-160	
					3.0		20	
Methyl-t-Butyl Ether (MTBE)	262.85	249.47	250		105.1		50-150	
					5.2		25	
Toluene	56.54	58.62	50		113.1		46-148	
					3.6		20	
Xylenes (total)	174.96	180.44	150		116.6		75-125	
					3.1		20	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CV	Calibration Verification	09071201			07/13/1999	1952

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	52.52		50		105		85-115	
Ethylbenzene	50.51		50		101		85-115	
Methyl-t-Butyl Ether (MTBE)	248.13		250		99		70-130	
Toluene	51.84		50		104		85-115	
Xylenes (total)	159.12		150		106		85-115	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CV	Calibration Verification	09071201			07/13/1999	2044

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	55.07		50		110		85-115	
Ethylbenzene	52.89		50		106		85-115	
Methyl-t-Butyl Ether (MTBE)	266.12		250		106		70-130	
Toluene	54.40		50		109		85-115	
Xylenes (total)	166.78		150		111		85-115	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CV	Calibration Verification	09062503			07/13/1999	2322

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene	54.27		50		109		85-115	
Ethylbenzene	52.75		50		106		85-115	
Methyl-t-Butyl Ether (MTBE)	262.21		250		105		70-130	
Toluene	53.90		50		108		85-115	
Xylenes (total)	165.12		150		110		85-115	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

CORE LABORATORIES

SURROGATE RECOVERIES REPORT

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

Method.....: Volatile Organics -Aromatics
Method Code.....: 8020BX
Batch.....: 7236
Analyst.....: evd

Surrogate	Units
4-Bromofluorobenzene	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
		MB	1	39.42	50.0000	78.8	64-147		07/12/1999	1135
		LCS	1	44.42	50.0000	88.8	64-147		07/12/1999	1320
		LCD	1	43.35	50.0000	86.7	64-147		07/12/1999	1347
991218-5	Solid		26.8	347.40	50.0000	694.8	64-147	X	07/12/1999	1824
991263-6	Solid		13.2	44.63	50.0000	89.3	64-147		07/12/1999	1917
991263-7	Solid		13.7	39.04	50.0000	78.1	64-147		07/12/1999	1943
991263-9	Solid		16.7	39.21	50.0000	78.4	64-147		07/12/1999	2009
991263-12	Solid		16.9	42.30	50.0000	84.6	64-147		07/12/1999	2035
991263-11	Solid		20.6	41.09	50.0000	82.2	64-147		07/12/1999	2101
991263-4	Solid		19.1	39.92	50.0000	79.8	64-147		07/12/1999	2128
991277-1	Solid		14.5	46.53	50.0000	93.1	64-147		07/12/1999	2246
991277-2	Solid		18.6	41.06	50.0000	82.1	64-147		07/13/1999	0057
991278-1	Solid		17.9	39.91	50.0000	79.8	64-147		07/13/1999	0123
991278-3	Solid		15.6	41.23	50.0000	82.5	64-147		07/13/1999	0215
991278-4	Solid		16.6	65.84	50.0000	131.7	64-147		07/13/1999	0242
991278-9	Solid		15.6	40.59	50.0000	81.2	64-147		07/13/1999	0308
991278-11	Solid		19.8	42.10	50.0000	84.2	64-147		07/13/1999	0334
991278-12	Solid		11.7	42.45	50.0000	84.9	64-147		07/13/1999	0400
991269-1	Liquids		1	56.01	50.0000	112.0	64-147		07/13/1999	0453
991263-12	Solid	MS	50	44.20	50.0000	88.4	64-147		07/13/1999	0612
991263-12	Solid	MSD	50	43.84	50.0000	87.7	64-147		07/13/1999	0638

Method.....: Gasoline Range Organics
Method Code.....: AKGRO
Batch.....: 7237
Analyst.....: evd

Surrogate	Units
BFB (Surrogate)	mg/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991218-5	Solid		26.8	1326	50.0000	2652.0	60-140	X	07/12/1999	1824
991263-6	Solid		13.2	42.1	50.0000	84.2	60-140		07/12/1999	1917
991263-7	Solid		13.7	45.7	50.0000	91.4	60-140		07/12/1999	1943
991263-9	Solid		16.7	41.8	50.0000	83.6	60-140		07/12/1999	2009
991263-12	Solid		16.9	45.1	50.0000	90.2	60-140		07/12/1999	2035
991263-11	Solid		20.6	50.1	50.0000	100.2	60-140		07/12/1999	2101
991263-4	Solid		19.1	42.8	50.0000	85.6	60-140		07/12/1999	2128
991263-8	Solid		29.0	119	50.0000	238.0	60-140	X	07/12/1999	2154
991263-10	Solid		25.0	101	50.0000	202.0	60-140	X	07/12/1999	2220
991277-1	Solid		14.5	53.3	50.0000	106.6	60-140		07/12/1999	2246
991277-2	Solid		18.6	43.7	50.0000	87.4	60-140		07/13/1999	0057
991278-1	Solid		17.9	45.5	50.0000	91.0	60-140		07/13/1999	0123
991278-2	Solid		19.5	51.0	50.0000	102.0	60-140		07/13/1999	0149
991278-3	Solid		15.6	50.0	50.0000	100.0	60-140		07/13/1999	0215

CORE LABORATORIES

SURROGATE RECOVERIES REPORT

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

Surrogate	Units
BFB (Surrogate)	mg/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991278-4	Solid		16.6	96.3	50.0000	192.6	60-140	X	07/13/1999	0242
991278-9	Solid		15.6	43.6	50.0000	87.2	60-140		07/13/1999	0308
991278-11	Solid		19.8	44.9	50.0000	89.8	60-140		07/13/1999	0334
991278-12	Solid		11.7	51.2	50.0000	102.4	60-140		07/13/1999	0400
991278-13	Solid		14.2	53.4	50.0000	106.8	60-140		07/13/1999	0427
991269-1	Liquids		1	84.9	50.0000	169.8	60-140	X	07/13/1999	0453

Method.....: Volatile Organics -Aromatics Batch.....: 7255
Method Code.....: 8020BX Analyst.....: evd

Surrogate	Units
4-Bromofluorobenzene	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
		MB	1	40.73	50.0000	81.5	64-147		07/13/1999	0757
		CV	1	41.78	50.0000	83.6	64-147		07/13/1999	0916
991271-1	Liquids		1	37.95	50.0000	75.9	64-147		07/13/1999	1049
991271-4	Liquids		1	42.13	50.0000	84.3	64-147		07/13/1999	1208
991272-1	Liquids		10	40.97	50.0000	81.9	64-147		07/13/1999	1235
991272-2	Liquids		1	49.16	50.0000	98.3	64-147		07/13/1999	1301
991272-3	Liquids		1	44.31	50.0000	88.6	64-147		07/13/1999	1328
991272-4	Liquids		10	44.91	50.0000	89.8	64-147		07/13/1999	1354
991263-8	Solid		145	43.99	50.0000	88.0	64-147		07/13/1999	1421
991263-10	Solid		125	44.94	50.0000	89.9	64-147		07/13/1999	1447
991271-4	Liquids	MS	1	54.96	50.0000	109.9	64-147		07/13/1999	1717
991271-4	Liquids	MSD	1	48.93	50.0000	97.9	64-147		07/13/1999	1743
		LCS	1	43.08	50.0000	86.2	64-147		07/13/1999	1900
		LCD	1	43.80	50.0000	87.6	64-147		07/13/1999	1926
		CV	1	43.67	50.0000	87.3	64-147		07/13/1999	1952
		CV	1	42.80	50.0000	85.6	64-147		07/13/1999	2044
991278-2	Solid		39.0	40.36	50.0000	80.7	64-147		07/13/1999	2110
991278-13	Solid		28.4	42.00	50.0000	84.0	64-147		07/13/1999	2137
991271-2	Liquids		10	40.64	50.0000	81.3	64-147		07/13/1999	2203
991271-3	Liquids		5	42.09	50.0000	84.2	64-147		07/13/1999	2229
		CV	1	44.37	50.0000	88.7	64-147		07/13/1999	2322

CORE LAB

CORE LABORATORIES

SURROGATE RECOVERIES REPORT

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

Method.....: Gasoline Range Organics
Method Code.....: AKGRO

Batch.....: 7257
Analyst.....: evd

Surrogate	Units
BFB (Surrogate)	mg/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991271-1	Liquids		1	50.5	50.0000	101.0	60-140		07/13/1999	1049
991271-2	Liquids		1	101	50.0000	202.0	60-140	X	07/13/1999	1116
991271-3	Liquids		1	107	50.0000	214.0	60-140	X	07/13/1999	1142
991271-4	Liquids		1	59.3	50.0000	118.6	60-140		07/13/1999	1208
991272-1	Liquids		10	65.5	50.0000	131.0	60-140		07/13/1999	1235
991272-2	Liquids		1	88.0	50.0000	176.0	60-140	X	07/13/1999	1301
991272-3	Liquids		1	64.0	50.0000	128.0	60-140		07/13/1999	1328
991272-4	Liquids		10	66.8	50.0000	133.6	60-140		07/13/1999	1354
991263-8	Solid		145	95.1	50.0000	190.2	60-140	X	07/13/1999	1421
991263-10	Solid		125	79.9	50.0000	159.8	60-140	X	07/13/1999	1447
991278-2	Solid		39.0	56.5	50.0000	113.0	60-140		07/13/1999	2110
991278-13	Solid		28.4	61.1	50.0000	122.2	60-140		07/13/1999	2137
991271-2	Liquids		10	58.2	50.0000	116.4	60-140		07/13/1999	2203
991271-3	Liquids		5	59.7	50.0000	119.4	60-140		07/13/1999	2229

Method.....: Volatile Organics (Client List)
Method Code.....: 8260C

Batch.....: 7269
Analyst.....: vz

Surrogate	Units
4-Bromofluorobenzene	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991199-1	Liquids		1	11.69	10.000	116.9	68-125		07/02/1999	1359
991199-1	Liquids	MS		12.11	10.000	121.1	68-125		07/02/1999	2106
991199-1	Liquids	MSD		12.06	10.000	120.6	68-125		07/02/1999	2149
991219-1	Solid		1	9.37	10.000	93.7	75-107		07/09/1999	1426
991219-1	Solid	MS		9.67	10.000	96.7	75-107		07/09/1999	2135
991219-1	Solid	MSD		9.66	10.000	96.6	75-107		07/09/1999	2218
		LCS	1	11.38	10.000	113.8	68-125		07/13/1999	1133
		MB	1	10.00	10.000	100.0	68-125		07/13/1999	1215
991283-1	Liquids		1	11.25	10.000	112.5	68-125		07/13/1999	1257
991290-1	Liquids		1	10.69	10.000	106.9	68-125		07/13/1999	1405
		MB	1	10.56	10.000	105.6	68-125		07/13/1999	1448
991245-2	Liquids		1	10.22	10.000	102.2	68-125		07/13/1999	1739
991245-3	Liquids		1	10.53	10.000	105.3	68-125		07/13/1999	1821
991245-4	Liquids		1	10.92	10.000	109.2	68-125		07/13/1999	1904
991263-4	Solid		1	10.15	10.000	101.5	75-107		07/13/1999	1946
991263-5	Solid		1	10.41	10.000	104.1	75-107		07/13/1999	2029
991263-6	Solid		1	10.74	10.000	107.4	75-107	X	07/13/1999	2112
991263-7	Solid		1	10.48	10.000	104.8	75-107		07/13/1999	2155

CORE LABORATORIES

SURROGATE RECOVERIES REPORT

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

Surrogate	Units
Dibromofluoromethane	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991199-1	Liquids		1	11.42	10.000	114.2	85-118		07/02/1999	1359
991199-1	Liquids	MS		11.78	10.000	117.8	85-118		07/02/1999	2106
991199-1	Liquids	MSD		11.24	10.000	112.4	85-118		07/02/1999	2149
991219-1	Solid		1	8.61	10.000	86.1	43-159		07/09/1999	1426
991219-1	Solid	MS		8.63	10.000	86.3	43-159		07/09/1999	2135
991219-1	Solid	MSD		8.47	10.000	84.7	43-159		07/09/1999	2218
		LCS	1	12.85	10.000	128.5	85-118	X	07/13/1999	1133
		MB	1	11.63	10.000	116.3	85-118		07/13/1999	1215
991283-1	Liquids		1	11.90	10.000	119.0	85-118	X	07/13/1999	1257
991290-1	Liquids		1	12.39	10.000	123.9	85-118	X	07/13/1999	1405
		MB	1	12.40	10.000	124.0	85-118	X	07/13/1999	1448
991245-2	Liquids		1	12.52	10.000	125.2	85-118	X	07/13/1999	1739
991245-3	Liquids		1	13.12	10.000	131.2	85-118	X	07/13/1999	1821
991245-4	Liquids		1	13.14	10.000	131.4	85-118	X	07/13/1999	1904
991263-4	Solid		1	12.97	10.000	129.7	43-159		07/13/1999	1946
991263-5	Solid		1	13.20	10.000	132.0	43-159		07/13/1999	2029
991263-6	Solid		1	13.04	10.000	130.4	43-159		07/13/1999	2112
991263-7	Solid		1	13.39	10.000	133.9	43-159		07/13/1999	2155

Surrogate	Units
Toluene-d8	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991199-1	Liquids		1	9.88	10.000	98.8	82-115		07/02/1999	1359
991199-1	Liquids	MS		9.81	10.000	98.1	82-115		07/02/1999	2106
991199-1	Liquids	MSD		9.92	10.000	99.2	82-115		07/02/1999	2149
991219-1	Solid		1	9.20	10.000	92.0	76-116		07/09/1999	1426
991219-1	Solid	MS		9.41	10.000	94.1	76-116		07/09/1999	2135
991219-1	Solid	MSD		9.25	10.000	92.5	76-116		07/09/1999	2218
		LCS	1	11.74	10.000	117.4	82-115	X	07/13/1999	1133
		MB	1	11.14	10.000	111.4	82-115		07/13/1999	1215
991283-1	Liquids		1	11.03	10.000	110.3	82-115		07/13/1999	1257
991290-1	Liquids		1	11.40	10.000	114.0	82-115		07/13/1999	1405
		MB	1	10.62	10.000	106.2	82-115		07/13/1999	1448
991245-2	Liquids		1	11.66	10.000	116.6	82-115	X	07/13/1999	1739
991245-3	Liquids		1	11.03	10.000	110.3	82-115		07/13/1999	1821
991245-4	Liquids		1	10.96	10.000	109.6	82-115		07/13/1999	1904
991263-4	Solid		1	11.38	10.000	113.8	76-116		07/13/1999	1946
991263-5	Solid		1	11.58	10.000	115.8	76-116		07/13/1999	2029
991263-6	Solid		1	11.46	10.000	114.6	76-116		07/13/1999	2112
991263-7	Solid		1	11.31	10.000	113.1	76-116		07/13/1999	2155

CORE LAB

CORE LABORATORIES

SURROGATE RECOVERIES REPORT

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

Method.....: Volatile Organics (Client List) Batch.....: 7320
Method Code.....: 8260C Analyst.....: vz

Surrogate	Units
4-Bromofluorobenzene	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991219-1	Solid		1	9.37	10.000	93.7	75-107		07/09/1999	1426
991227-10	Solid		1	10.41	10.000	104.1	75-107		07/09/1999	1447
991219-1	Solid	MS		9.67	10.000	96.7	75-107		07/09/1999	2135
991219-1	Solid	MSD		9.66	10.000	96.6	75-107		07/09/1999	2218
991227-10	Solid	MS		11.19	10.000	111.9	75-107	X	07/10/1999	0212
991227-10	Solid	MSD		10.82	10.000	108.2	75-107	X	07/10/1999	0255
		LCS	1	11.49	10.000	114.9	68-125		07/14/1999	1707
		MB	1	10.62	10.000	106.2	68-125		07/14/1999	1750
991263-9	Solid		1	10.32	10.000	103.2	75-107		07/14/1999	1833
991263-11	Solid		1	10.62	10.000	106.2	75-107		07/14/1999	1916
991263-12	Solid		1	10.57	10.000	105.7	75-107		07/14/1999	1959
991263-8	Solid		2500	11.75	10.000	117.5	75-107	X	07/14/1999	2042
991263-10	Solid		100	11.56	10.000	115.6	75-107	X	07/14/1999	2124
991278-1	Solid		1	10.82	10.000	108.2	75-107	X	07/14/1999	2207
991278-2	Solid		1	10.50	10.000	105.0	75-107		07/14/1999	2251
991278-3	Solid		1	10.48	10.000	104.8	75-107		07/14/1999	2334
991278-9	Solid		1	10.76	10.000	107.6	75-107	X	07/15/1999	0102
991278-11	Solid		1	10.42	10.000	104.2	75-107		07/15/1999	0145
991278-12	Solid		1	10.28	10.000	102.8	75-107		07/15/1999	0227

Surrogate	Units
Dibromofluoromethane	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991219-1	Solid		1	8.61	10.000	86.1	43-159		07/09/1999	1426
991227-10	Solid		1	12.43	10.000	124.3	43-159		07/09/1999	1447
991219-1	Solid	MS		8.63	10.000	86.3	43-159		07/09/1999	2135
991219-1	Solid	MSD		8.47	10.000	84.7	43-159		07/09/1999	2218
991227-10	Solid	MS		12.22	10.000	122.2	43-159		07/10/1999	0212
991227-10	Solid	MSD		11.45	10.000	114.5	43-159		07/10/1999	0255
		LCS	1	11.87	10.000	118.7	85-118	X	07/14/1999	1707
		MB	1	11.74	10.000	117.4	85-118		07/14/1999	1750
991263-9	Solid		1	12.08	10.000	120.8	43-159		07/14/1999	1833
991263-11	Solid		1	12.88	10.000	128.8	43-159		07/14/1999	1916
991263-12	Solid		1	13.10	10.000	131.0	43-159		07/14/1999	1959
991263-8	Solid		2500	12.08	10.000	120.8	43-159		07/14/1999	2042
991263-10	Solid		100	11.77	10.000	117.7	43-159		07/14/1999	2124
991278-1	Solid		1	12.33	10.000	123.3	43-159		07/14/1999	2207
991278-2	Solid		1	13.12	10.000	131.2	43-159		07/14/1999	2251
991278-3	Solid		1	13.21	10.000	132.1	43-159		07/14/1999	2334
991278-9	Solid		1	12.85	10.000	128.5	43-159		07/15/1999	0102
991278-11	Solid		1	12.57	10.000	125.7	43-159		07/15/1999	0145
991278-12	Solid		1	13.06	10.000	130.6	43-159		07/15/1999	0227

CORE LABORATORIES

SURROGATE RECOVERIES REPORT

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

Surrogate	Units
Toluene-d8	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991219-1	Solid		1	9.20	10.000	92.0	76-116		07/09/1999	1426
991227-10	Solid		1	11.27	10.000	112.7	76-116		07/09/1999	1447
991219-1	Solid	MS		9.41	10.000	94.1	76-116		07/09/1999	2135
991219-1	Solid	MSD		9.25	10.000	92.5	76-116		07/09/1999	2218
991227-10	Solid	MS		11.26	10.000	112.6	76-116		07/10/1999	0212
991227-10	Solid	MSD		10.66	10.000	106.6	76-116		07/10/1999	0255
		LCS	1	11.05	10.000	110.5	82-115		07/14/1999	1707
		MB	1	10.90	10.000	109.0	82-115		07/14/1999	1750
991263-9	Solid		1	11.11	10.000	111.1	76-116		07/14/1999	1833
991263-11	Solid		1	11.16	10.000	111.6	76-116		07/14/1999	1916
991263-12	Solid		1	11.53	10.000	115.3	76-116		07/14/1999	1959
991263-8	Solid		2500	11.21	10.000	112.1	76-116		07/14/1999	2042
991263-10	Solid		100	11.31	10.000	113.1	76-116		07/14/1999	2124
991278-1	Solid		1	10.63	10.000	106.3	76-116		07/14/1999	2207
991278-2	Solid		1	10.71	10.000	107.1	76-116		07/14/1999	2251
991278-3	Solid		1	11.18	10.000	111.8	76-116		07/14/1999	2334
991278-9	Solid		1	11.13	10.000	111.3	76-116		07/15/1999	0102
991278-11	Solid		1	11.01	10.000	110.1	76-116		07/15/1999	0145
991278-12	Solid		1	10.83	10.000	108.3	76-116		07/15/1999	0227

Method.....: Semivolatile Organics Batch.....: 7343
Method Code.....: 8270PA Analyst.....: gfb

Surrogate	Units
2,4,6-Tribromophenol	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
		MB	1	141.80	200	71	10-123		07/14/1999	2320
		SB	1	178.12	200	89	10-123		07/15/1999	0010
991263-5	Solid		1	157.41	200	79	19-122		07/15/1999	1614
991263-4	Solid		1	146.85	200	73	19-122		07/15/1999	1705
991263-6	Solid		1	165.28	200	83	19-122		07/15/1999	1756
991263-8	Solid		1	163.17	200	82	19-122		07/15/1999	1937
991263-9	Solid		1	161.40	200	81	19-122		07/15/1999	2027
991263-11	Solid		1	167.26	200	84	19-122		07/15/1999	2207
991263-12	Solid		1	179.73	200	90	19-122		07/15/1999	2256
991278-1	Solid		1	171.08	200	86	19-122		07/15/1999	2346
991278-2	Solid		1	183.01	200	92	19-122		07/16/1999	0036
991278-3	Solid		1	168.19	200	84	19-122		07/16/1999	0126

CORE LABORATORIES

SURROGATE RECOVERIES REPORT

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

Surrogate	Units
2-Fluorobiphenyl	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
		MB	1	51.58	100	52	43-116		07/14/1999	2320
		SB	1	85.02	100	85	43-116		07/15/1999	0010
991263-5	Solid		1	119.1	100	119	30-115	X	07/15/1999	1614
991263-4	Solid		1	122.6	100	123	30-115	X	07/15/1999	1705
991263-6	Solid		1	98.68	100	99	30-115		07/15/1999	1756
991263-8	Solid		1	92.49	100	92	30-115		07/15/1999	1937
991263-9	Solid		1	92.34	100	92	30-115		07/15/1999	2027
991263-11	Solid		1	118.4	100	118	30-115	X	07/15/1999	2207
991263-12	Solid		1	133.8	100	134	30-115	X	07/15/1999	2256
991278-1	Solid		1	125.2	100	125	30-115	X	07/15/1999	2346
991278-2	Solid		1	119.1	100	119	30-115	X	07/16/1999	0036
991278-3	Solid		1	124.5	100	124	30-115	X	07/16/1999	0126

Surrogate	Units
2-Fluorophenol	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
		MB	1	95.75	200	48	21-110		07/14/1999	2320
		SB	1	107.26	200	54	21-110		07/15/1999	0010
991263-5	Solid		1	113.66	200	57	25-121		07/15/1999	1614
991263-4	Solid		1	100.20	200	50	25-121		07/15/1999	1705
991263-6	Solid		1	112.93	200	56	25-121		07/15/1999	1756
991263-8	Solid		1	92.10	200	46	25-121		07/15/1999	1937
991263-9	Solid		1	112.73	200	56	25-121		07/15/1999	2027
991263-11	Solid		1	118.37	200	59	25-121		07/15/1999	2207
991263-12	Solid		1	129.74	200	65	25-121		07/15/1999	2256
991278-1	Solid		1	121.13	200	61	25-121		07/15/1999	2346
991278-2	Solid		1	118.46	200	59	25-121		07/16/1999	0036
991278-3	Solid		1	124.62	200	62	25-121		07/16/1999	0126

Surrogate	Units
Nitrobenzene-d5	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
		MB	1	41.49	100	41	35-114		07/14/1999	2320
		SB	1	52.56	100	53	35-114		07/15/1999	0010
991263-5	Solid		1	60.82	100	61	23-120		07/15/1999	1614
991263-4	Solid		1	60.38	100	60	23-120		07/15/1999	1705
991263-6	Solid		1	58.41	100	58	23-120		07/15/1999	1756
991263-8	Solid		1	54.01	100	54	23-120		07/15/1999	1937
991263-9	Solid		1	57.63	100	58	23-120		07/15/1999	2027
991263-11	Solid		1	58.79	100	59	23-120		07/15/1999	2207
991263-12	Solid		1	68.51	100	69	23-120		07/15/1999	2256
991278-1	Solid		1	61.65	100	62	23-120		07/15/1999	2346

CORE LABORATORIES

SURROGATE RECOVERIES REPORT

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

Surrogate	Units
Nitrobenzene-d5	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991278-2	Solid		1	63.53	100	64	23-120		07/16/1999	0036
991278-3	Solid		1	62.52	100	63	23-120		07/16/1999	0126

Surrogate	Units
Phenol-d6	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
		MB	1	123.50	200	62	10-110		07/14/1999	2320
		SB	1	155.01	200	78	10-110		07/15/1999	0010
991263-5	Solid		1	169.38	200	85	24-113		07/15/1999	1614
991263-4	Solid		1	124.54	200	62	24-113		07/15/1999	1705
991263-6	Solid		1	160.40	200	80	24-113		07/15/1999	1756
991263-8	Solid		1	119.95	200	60	24-113		07/15/1999	1937
991263-9	Solid		1	155.69	200	78	24-113		07/15/1999	2027
991263-11	Solid		1	160.03	200	80	24-113		07/15/1999	2207
991263-12	Solid		1	191.25	200	96	24-113		07/15/1999	2256
991278-1	Solid		1	185.63	200	93	24-113		07/15/1999	2346
991278-2	Solid		1	169.75	200	85	24-113		07/16/1999	0036
991278-3	Solid		1	175.86	200	88	24-113		07/16/1999	0126

Surrogate	Units
Terphenyl-d14	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
		MB	1	40.42	100	40	33-141		07/14/1999	2320
		SB	1	53.56	100	54	33-141		07/15/1999	0010
991263-5	Solid		1	55.46	100	55	18-137		07/15/1999	1614
991263-4	Solid		1	51.80	100	52	18-137		07/15/1999	1705
991263-6	Solid		1	53.69	100	54	18-137		07/15/1999	1756
991263-8	Solid		1	52.81	100	53	18-137		07/15/1999	1937
991263-9	Solid		1	48.49	100	48	18-137		07/15/1999	2027
991263-11	Solid		1	55.39	100	55	18-137		07/15/1999	2207
991263-12	Solid		1	59.85	100	60	18-137		07/15/1999	2256
991278-1	Solid		1	56.03	100	56	18-137		07/15/1999	2346
991278-2	Solid		1	59.51	100	60	18-137		07/16/1999	0036
991278-3	Solid		1	58.98	100	59	18-137		07/16/1999	0126

CORE LABORATORIES

SURROGATE RECOVERIES REPORT

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

Method.....: Semivolatile Organics Batch.....: 7379
Method Code.....: 8270PA Analyst.....: gfb

Surrogate	Units
2,4,6-Tribromophenol	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991278-4	Solid		1	137.85	200	69	19-122		07/16/1999	1515
991278-9	Solid		1	122.91	200	61	19-122		07/16/1999	1606
991278-11	Solid		1	160.69	200	80	19-122		07/16/1999	1656
991278-12	Solid		1	152.64	200	76	19-122		07/16/1999	1747
991278-13	Solid		1	155.79	200	78	19-122		07/16/1999	1837
991296-1	Solid		1	173.76	200	87	19-122		07/16/1999	1927
		MB	1	166.80	200	83	10-123		07/16/1999	2017
		SB	1	174.24	200	87	10-123		07/16/1999	2107
991263-7	Solid		5	12.94	200	32	19-122		07/16/1999	2157
991263-10	Solid		10	0.0	200	0	19-122	X	07/16/1999	2246

Surrogate	Units
2-Fluorobiphenyl	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991278-4	Solid		1	109.83	100	110	30-115		07/16/1999	1515
991278-9	Solid		1	77.43	100	77	30-115		07/16/1999	1606
991278-11	Solid		1	117.34	100	117	30-115	X	07/16/1999	1656
991278-12	Solid		1	116.25	100	116	30-115	X	07/16/1999	1747
991278-13	Solid		1	102.48	100	102	30-115		07/16/1999	1837
991296-1	Solid		1	123.8	100	124	30-115	X	07/16/1999	1927
		MB	1	122.3	100	122	43-116	X	07/16/1999	2017
		SB	1	120.2	100	120	43-116	X	07/16/1999	2107
991263-7	Solid		5	18.75	100	94	30-115		07/16/1999	2157
991263-10	Solid		10	5.62	100	56	30-115		07/16/1999	2246

Surrogate	Units
2-Fluorophenol	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991278-4	Solid		1	114.79	200	57	25-121		07/16/1999	1515
991278-9	Solid		1	101.75	200	51	25-121		07/16/1999	1606
991278-11	Solid		1	123.39	200	62	25-121		07/16/1999	1656
991278-12	Solid		1	117.27	200	59	25-121		07/16/1999	1747
991278-13	Solid		1	102.79	200	51	25-121		07/16/1999	1837
991296-1	Solid		1	105.31	200	53	25-121		07/16/1999	1927
		MB	1	120.24	200	60	21-110		07/16/1999	2017
		SB	1	126.85	200	63	21-110		07/16/1999	2107
991263-7	Solid		5	19.81	200	50	25-121		07/16/1999	2157
991263-10	Solid		10	12.78	200	64	25-121		07/16/1999	2246

CORE LABORATORIES

SURROGATE RECOVERIES REPORT

Job Number.: 991263 Report Date.: 07/20/1999

CUSTOMER: Secor International Inc. PROJECT: Chevron-Alaska ATTN: Rusty Benkosky

Surrogate	Units
Nitrobenzene-d5	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991278-4	Solid		1	58.07	100	58	23-120		07/16/1999	1515
991278-9	Solid		1	53.84	100	54	23-120		07/16/1999	1606
991278-11	Solid		1	63.83	100	64	23-120		07/16/1999	1656
991278-12	Solid		1	64.03	100	64	23-120		07/16/1999	1747
991278-13	Solid		1	56.77	100	57	23-120		07/16/1999	1837
991296-1	Solid		1	59.47	100	59	23-120		07/16/1999	1927
		MB	1	61.09	100	61	35-114		07/16/1999	2017
		SB	1	61.90	100	62	35-114		07/16/1999	2107
991263-7	Solid		5	13.86	100	69	23-120		07/16/1999	2157
991263-10	Solid		10	12.99	100	130	23-120	X	07/16/1999	2246

Surrogate	Units
Phenol-d6	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991278-4	Solid		1	166.99	200	83	24-113		07/16/1999	1515
991278-9	Solid		1	144.24	200	72	24-113		07/16/1999	1606
991278-11	Solid		1	182.90	200	91	24-113		07/16/1999	1656
991278-12	Solid		1	163.75	200	82	24-113		07/16/1999	1747
991278-13	Solid		1	152.28	200	76	24-113		07/16/1999	1837
991296-1	Solid		1	174.85	200	87	24-113		07/16/1999	1927
		MB	1	178.99	200	89	10-110		07/16/1999	2017
		SB	1	179.75	200	90	10-110		07/16/1999	2107
991263-7	Solid		5	3.94	200	10	24-113	X	07/16/1999	2157
991263-10	Solid		10	3.27	200	16	24-113	X	07/16/1999	2246

Surrogate	Units
Terphenyl-d14	ug/L

Lab ID	Matrix	QC Type	Dilution	Result	True Value	Percent Recovery	Limits	Flag	Date	Time
991278-4	Solid		1	50.51	100	51	18-137		07/16/1999	1515
991278-9	Solid		1	49.74	100	50	18-137		07/16/1999	1606
991278-11	Solid		1	53.61	100	54	18-137		07/16/1999	1656
991278-12	Solid		1	52.48	100	52	18-137		07/16/1999	1747
991278-13	Solid		1	51.01	100	51	18-137		07/16/1999	1837
991296-1	Solid		1	54.14	100	54	18-137		07/16/1999	1927
		MB	1	51.75	100	52	33-141		07/16/1999	2017
		SB	1	50.74	100	51	33-141		07/16/1999	2107
991263-7	Solid		5	16.46	100	82	18-137		07/16/1999	2157
991263-10	Solid		10	9.47	100	95	18-137		07/16/1999	2246

CORE LABORATORIES

ANALYTICAL SUMMARY REPORT

Job Number: 991263 Report Date: 07/20/19

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

BATCH	7237	ANALYTICAL METHOD	AK101	DESCRIPTION	Gasoline Range Organics	ANALYST	evd

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
991263-4	MW-1@10'	Soil	Solid	07/01/99	0850	07/12/99	2128	23.5
991263-6	MW-1@20'	Soil	Solid	07/01/99	0911	07/12/99	1917	16.2
991263-7	MW-2@10'	Soil	Solid	07/01/99	1050	07/12/99	1943	22.1
991263-9	MW-3@10'	Soil	Solid	07/01/99	1150	07/12/99	2009	17.5
991263-11	MW-4@10'	Soil	Solid	07/01/99	1336	07/12/99	2101	21.4
991263-12	MW-4@16.5'	Soil	Solid	07/01/99	1344	07/12/99	2035	18.6

BATCH	7257	ANALYTICAL METHOD	AK101	DESCRIPTION	Gasoline Range Organics	ANALYST	evd

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
991263-8	MW-2@17'	Soil	Solid	07/01/99	1100	07/13/99	1421	173
991263-10	MW-3@16.5'	Soil	Solid	07/01/99	1200	07/13/99	1447	155

BATCH	7233	ANALYTICAL METHOD	EPA 3550	DESCRIPTION	Extraction (Ultrasonic) SVOCs	ANALYST	tmp

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
991263-4	MW-1@10'	Soil	Solid	07/01/99	0850	07/13/99	0000	1
991263-5	MW-1@15'	Soil	Solid	07/01/99	0900	07/13/99	0000	1
991263-6	MW-1@20'	Soil	Solid	07/01/99	0911	07/13/99	0000	1
991263-7	MW-2@10'	Soil	Solid	07/01/99	1050	07/13/99	0000	1
991263-8	MW-2@17'	Soil	Solid	07/01/99	1100	07/13/99		1

BATCH	7275	ANALYTICAL METHOD	EPA 3550	DESCRIPTION	Extraction (Ultrasonic) SVOCs	ANALYST	tmp

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
991263-9	MW-3@10'	Soil	Solid	07/01/99	1150	07/14/99	0000	1
991263-10	MW-3@16.5'	Soil	Solid	07/01/99	1200	07/14/99	0000	1
991263-11	MW-4@10'	Soil	Solid	07/01/99	1336	07/14/99	0000	1
991263-12	MW-4@16.5'	Soil	Solid	07/01/99	1344	07/14/99	0000	1

BATCH	7278	ANALYTICAL METHOD	EPA 3630C	DESCRIPTION	Cleanup (Silica Gel)	ANALYST	tmp

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
991263-4	MW-1@10'	Soil	Solid	07/01/99	0850	07/13/99	0000	1
991263-5	MW-1@15'	Soil	Solid	07/01/99	0900	07/13/99	0000	1
991263-6	MW-1@20'	Soil	Solid	07/01/99	0911	07/13/99	0000	1
991263-7	MW-2@10'	Soil	Solid	07/01/99	1050	07/13/99	0000	1
991263-8	MW-2@17'	Soil	Solid	07/01/99	1100	07/13/99	0000	1
991263-9	MW-3@10'	Soil	Solid	07/01/99	1150	07/14/99	0000	1
991263-10	MW-3@16.5'	Soil	Solid	07/01/99	1200	07/14/99	0000	1
991263-11	MW-4@10'	Soil	Solid	07/01/99	1336	07/14/99	0000	1
991263-12	MW-4@16.5'	Soil	Solid	07/01/99	1344	07/14/99	0000	1

CORE LABORATORIES

ANALYTICAL SUMMARY REPORT

Job Number: 991263

Report Date: 07/20/19

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

BATCH	7236	ANALYTICAL METHOD	EPA 8020A	DESCRIPTION	Volatile Organics -Aromatics	ANALYST	evd

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
991263-4	MW-1@10'	Soil	Solid	07/01/99	0850	07/12/99	2128	23.5
991263-6	MW-1@20'	Soil	Solid	07/01/99	0911	07/12/99	1917	16.2
991263-7	MW-2@10'	Soil	Solid	07/01/99	1050	07/12/99	1943	22.1
991263-9	MW-3@10'	Soil	Solid	07/01/99	1150	07/12/99	2009	17.5
991263-11	MW-4@10'	Soil	Solid	07/01/99	1336	07/12/99	2101	21.4
991263-12	MW-4@16.5'	Soil	Solid	07/01/99	1344	07/12/99	2035	18.6

BATCH	7255	ANALYTICAL METHOD	EPA 8020A	DESCRIPTION	Volatile Organics -Aromatics	ANALYST	evd

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
991263-8	MW-2@17'	Soil	Solid	07/01/99	1100	07/13/99	1421	173
991263-10	MW-3@16.5'	Soil	Solid	07/01/99	1200	07/13/99	1447	155

BATCH	7269	ANALYTICAL METHOD	EPA 8260B	DESCRIPTION	Volatile Organics (Client List)	ANALYST	vz

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
991263-4	MW-1@10'	Soil	Solid	07/01/99	0850	07/13/99	1946	1.23
991263-5	MW-1@15'	Soil	Solid	07/01/99	0900	07/13/99	2029	1.25
991263-6	MW-1@20'	Soil	Solid	07/01/99	0911	07/13/99	2112	1.23
991263-7	MW-2@10'	Soil	Solid	07/01/99	1050	07/13/99	2155	1.61

BATCH	7320	ANALYTICAL METHOD	EPA 8260B	DESCRIPTION	Volatile Organics (Client List)	ANALYST	vz

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
991263-8	MW-2@17'	Soil	Solid	07/01/99	1100	07/14/99	2042	2980
991263-9	MW-3@10'	Soil	Solid	07/01/99	1150	07/14/99	1833	1.05
991263-10	MW-3@16.5'	Soil	Solid	07/01/99	1200	07/14/99	2124	124
991263-11	MW-4@10'	Soil	Solid	07/01/99	1336	07/14/99	1916	1.04
991263-12	MW-4@16.5'	Soil	Solid	07/01/99	1344	07/14/99	1959	1.10

BATCH	7343	ANALYTICAL METHOD	EPA 8270C	DESCRIPTION	Semivolatile Organics	ANALYST	gfb

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
991263-4	MW-1@10'	Soil	Solid	07/01/99	0850	07/15/99	1705	1.23
991263-5	MW-1@15'	Soil	Solid	07/01/99	0900	07/15/99	1614	1.25
991263-6	MW-1@20'	Soil	Solid	07/01/99	0911	07/15/99	1756	1.23
991263-8	MW-2@17'	Soil	Solid	07/01/99	1100	07/15/99	1937	1.19
991263-9	MW-3@10'	Soil	Solid	07/01/99	1150	07/15/99	2027	1.05
991263-11	MW-4@10'	Soil	Solid	07/01/99	1336	07/15/99	2207	1.04
991263-12	MW-4@16.5'	Soil	Solid	07/01/99	1344	07/15/99	2256	1.10

CORE LABORATORIES

ANALYTICAL SUMMARY REPORT

Job Number: 991263 Report Date: 07/20/19

CUSTOMER: Secor International Inc. PROJECT: 9-1356 ATTN: Rusty Benkosky

BATCH	7379	ANALYTICAL METHOD	EPA 8270C	DESCRIPTION	Semivolatile Organics	ANALYST	gfb

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
991263-7	MW-2@10'	Soil	Solid	07/01/99	1050	07/16/99	2157	8.05
991263-10	MW-3@16.5'	Soil	Solid	07/01/99	1200	07/16/99	2246	12.4

BATCH	7100	ANALYTICAL METHOD	SM 2540 B	DESCRIPTION	Total Solids	ANALYST	mls

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
991263-1	MW-1@1'	Soil	Solid	07/01/99	0830	07/07/99	0000	1
991263-2	MW-1@3'	Soil	Solid	07/01/99	0832	07/07/99	0000	1
991263-3	MW-1@5'	Soil	Solid	07/01/99	0840	07/07/99	0000	1
991263-4	MW-1@10'	Soil	Solid	07/01/99	0850	07/07/99	0000	1
991263-5	MW-1@15'	Soil	Solid	07/01/99	0900	07/07/99	0000	1
991263-6	MW-1@20'	Soil	Solid	07/01/99	0911	07/07/99	0000	1
991263-7	MW-2@10'	Soil	Solid	07/01/99	1050	07/07/99	0000	1
991263-8	MW-2@17'	Soil	Solid	07/01/99	1100	07/07/99	0000	1
991263-9	MW-3@10'	Soil	Solid	07/01/99	1150	07/07/99	0000	1
991263-10	MW-3@16.5'	Soil	Solid	07/01/99	1200	07/07/99	0000	1
991263-11	MW-4@10'	Soil	Solid	07/01/99	1336	07/07/99	0000	1
991263-12	MW-4@16.5'	Soil	Solid	07/01/99	1344	07/07/99	0000	1

BATCH	7099	ANALYTICAL METHOD	SM 5310 B	DESCRIPTION	Total Organic Carbon	ANALYST	gwd

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
991263-1	MW-1@1'	Soil	Solid	07/01/99	0830	07/07/99	0000	1
991263-2	MW-1@3'	Soil	Solid	07/01/99	0832	07/07/99	0000	1
991263-3	MW-1@5'	Soil	Solid	07/01/99	0840	07/07/99	0000	1
991263-4	MW-1@10'	Soil	Solid	07/01/99	0850	07/07/99	0000	1
991263-5	MW-1@15'	Soil	Solid	07/01/99	0900	07/07/99	0000	1