



AGRA Earth &
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December 27, 1996
6-024-01173-1 Task 05

RECEIVED

JAN 03 1997

DEPT. OF ENVIRONMENTAL
CONSERVATION
NRO

Seekins Ford-Lincoln-Mercury
1625 Old Steese Highway
Fairbanks, Alaska 99712

Attention: Al Haynes

**RE: GROUNDWATER SAMPLING RESULTS, NOVEMBER 1996
SEEKINS FORD-LINCOLN-MERCURY, NRO File No. 100.26.131**

Dear Al:

In November 1996, AGRA Earth & Environmental, Inc. (AEE) completed the third quarterly sampling event under the *Interim Corrective Action Plan* (ICAP) approved for Seekins Ford-Lincoln-Mercury in Fairbanks, Alaska. The plan was approved by the Alaska Department of Environmental Conservation (ADEC) and the Environmental Protection Agency (EPA) in April 1996. Groundwater sampling of the monitoring well network under the ICAP will again be conducted in February 1997. This letter summarizes the results of the third sampling event. The locations of the monitoring wells are shown on the attached Figure 1.

FIELD METHODS

Prior to sampling, AEE field personnel measured the depth to water in each well using an Associated Remedial Technologies, Inc. Model IS101-E Hydrocarbon Interface Probe. This measurement was then subtracted from the surveyed elevation of the top of the well casing to yield the elevation of the water surface within the well. The survey data and measurements obtained during sample collection are included in the attached Table 1.

During well sampling, AEE personnel used the decontamination, purging, and sampling procedures outlined in the ADEC *Underground Storage Tanks Procedures Manual*. Disposable polyethylene bailers were used to retrieve the water samples. One sample was collected as a quality assurance (QA) duplicate sample. The water samples and QA duplicate were placed in a chilled cooler and shipped to the AEE Environmental Chemistry Laboratory in Portland, Oregon.

RESULTS

The original samples and the QA duplicate were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by Alaska Test Method AK101, gasoline range petroleum hydrocarbons (GRPH) by Alaska Test Method AK101, diesel range petroleum hydrocarbons (DRPH) by Alaska Test Method AK102, and volatile organic compounds (VOCs) by EPA Method 624. Additionally, select



Engineering & Environmental Services

samples were analyzed for polynuclear aromatic hydrocarbons (PAHs) based on the proximity of the monitoring wells to the former injection well area. Copies of the laboratory analytical reports for these samples are included with this letter. In addition to the above samples, AEE field personnel submitted a trip blank sample, which accompanied the samples throughout the sampling event. This sample exhibited non-detectable concentrations of all tested compounds. Sampling data and analytical results are summarized in Tables 1 and 2.

The QA duplicate (DUP-1) from monitoring well MW-3 was submitted as a quality control indicator. The analytical results for the two samples showed close agreement for all tested compounds. The reported results indicated a relative percent difference (RPD) for the two samples that is within the allowable RPD limit of 30 percent for BTEX and DRPH compounds. The RPD for GRPH compounds was calculated to be approximately 36 percent for these samples.

CLOSURE

AEE is pleased to be of continued service to Seekins. We are currently collecting water level measurements at each of the well locations on a monthly basis. Our next sampling event is scheduled to occur in February 1997. We will forward the results of testing as soon as we have compiled that information. If you have any questions or comments regarding this letter, please contact our office.

Sincerely,

AGRA Earth & Environmental, Inc.

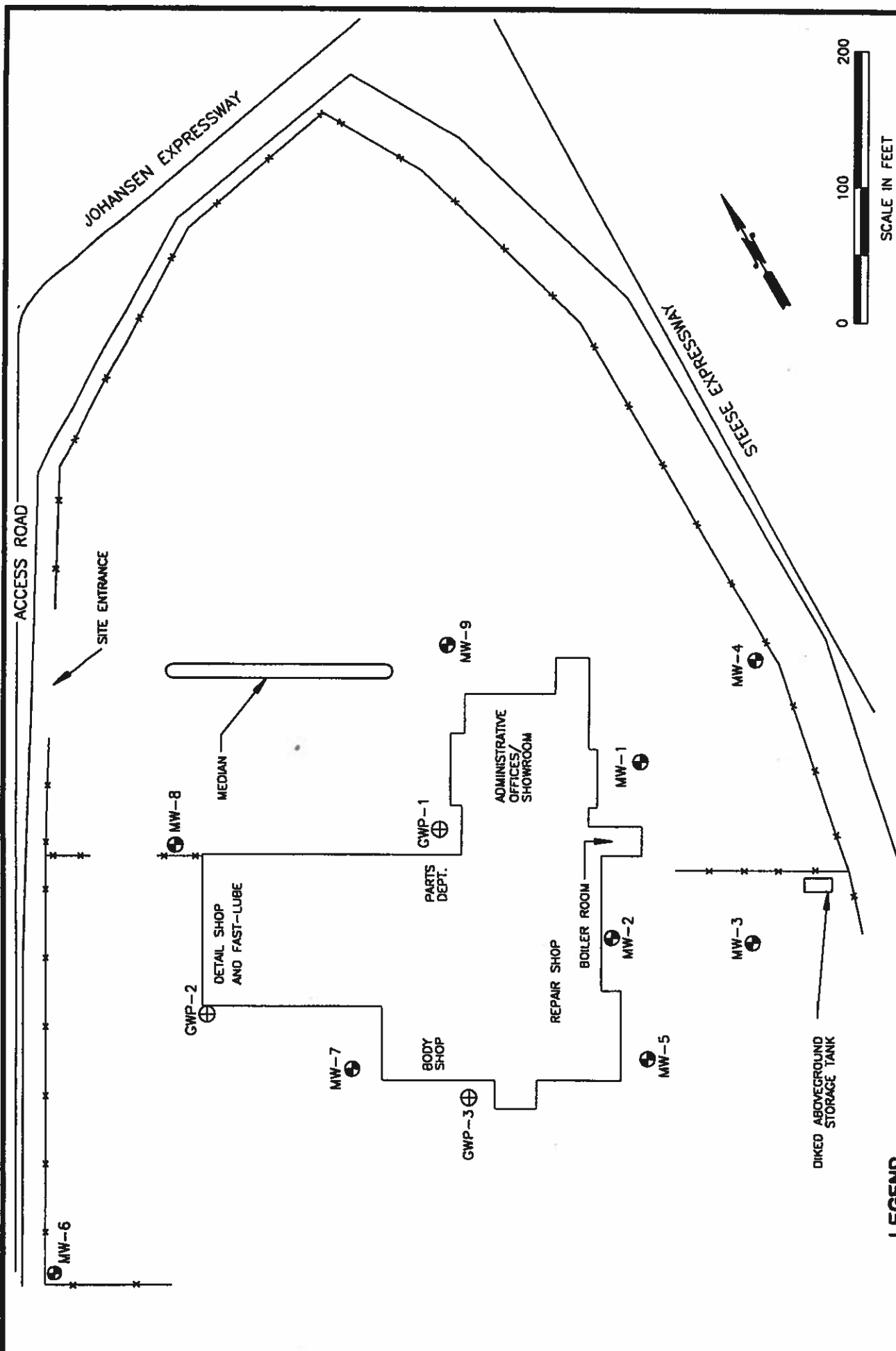


James A. Spontak
Project Manager

Atch: Figure 1, Site Plan
 Tables 1 and 2, Summary of Groundwater Analytical Data
 Laboratory Report

c: Steve Bainbridge, ADEC - Fairbanks
 Jonathan Williams, EPA - Seattle





LEGEND

- ⊕ MONITORING WELL
- ⊕ TEMPORARY WELL POINT

AGRA
Earth & Environmental
 3504 Industrial Ave. Suite 5
 Fairbanks, Alaska 99701

W.O.	6-024-01173-1
DESIGN	MPP
DRAWN	MPP / LOCWELL
DATE	06/06/96
SCALE	1"=100'

SEEKINS FORD-LINCOLN-MERCURY
1825 OLD STEESE HIGHWAY
FAIRBANKS, ALASKA

SITE PLAN
FIGURE 1

TABLE 1
Summary of Groundwater Analytical Data for Seekins Ford-Lincoln-Mercury
BTEX, GRPH, and DRPH Results

Well Number	Date	MP Elevation	DTW	Ground Water Elevation	EPA 8020 AK101	EPA 8100/AK102		DRPH
					(ug/L)	(mg/L)		
Maximum Contaminant Level (ug/L)					5	Total	GRPH	
					Benzene	BTEX		
MW-1	21-Jul-95	97.13	14.20	82.93	12,000	71,300	180	5.4
	01-May-96	97.11	15.70	81.41	7,500	97,300	240	6.2
	07-Aug-96	97.11	15.28	81.83	8,500	96,300	250	11
	21-Nov-96	97.11	15.57	81.54	11,000	133,400	330	9.6
MW-2	21-Jul-95	97.57	14.64	82.93	ND(0.5)	6.8	0.15	0.35
	01-May-96	97.57	16.13	81.44	1.69	28.3	0.26	0.74
	07-Aug-96	97.57	15.72	81.85	ND(1)	ND	0.16	3.4
	21-Nov-96	97.57	16.02	81.55	ND(0.5)	8.16	0.105	2.1
MW-3	21-Jul-95	96.82	13.70	82.92	8	NT	2.8	13
	01-May-96	96.82	15.18	81.44	ND(1)	151	0.99	5.4
	07-Aug-96	96.84	14.78	81.86	ND(1)	29.4	0.27	3.6
	21-Nov-96	96.84	15.06	81.58	ND(0.5)	43.4	0.16	5.4
MW-4	21-Jul-95	95.88	12.93	82.95	ND(0.5)	ND	ND(0.05)	ND(0.1)
	01-May-96	95.88	14.43	81.45	ND(1)	ND	ND(0.05)	0.24
	07-Aug-96	95.88	14.02	81.86	ND(0.5)	ND	ND(0.05)	0.23
	21-Nov-96	95.88	14.29	81.59	ND(0.5)	ND	ND(0.05)	0.24
MW-5	21-Jul-95	---	---	---	MONITORING WELL INSTALLED IN APRIL 1996			
	01-May-96	97.08	15.68	81.40	2.49	33.9	0.17	1.1
	07-Aug-96	97.11	15.27	81.84	1.24	7.9	ND(0.05)	0.99
	21-Nov-96	97.11	15.81	81.50	1.05	5	ND(0.05)	1
MW-6	21-Jul-95	---	---	---	MONITORING WELL INSTALLED IN APRIL 1996			
	01-May-96	97.14	15.76	81.38	ND(1)	23.3	0.12	0.84
	07-Aug-96	97.14	15.35	81.79	ND(0.5)	0.5	ND(0.05)	0.56
	21-Nov-96	97.14	15.84	81.50	ND(0.5)	0.67	ND(0.05)	0.59
MW-7	21-Jul-95	---	---	---	MONITORING WELL INSTALLED IN APRIL 1996			
	01-May-96	97.70	16.29	81.41	ND(1)	48.3	0.26	0.47
	07-Aug-96	97.70	15.86	81.84	ND(1)	ND	ND(0.05)	0.3
	21-Nov-96	97.70	16.14	81.56	ND(0.5)	ND	ND(0.05)	0.2
MW-8	21-Jul-95	---	---	---	MONITORING WELL INSTALLED IN APRIL 1996			
	01-May-96	97.85	16.49	81.38	8.39	110.2	0.35	0.89
	07-Aug-96	97.85	16.04	81.81	1.36	1.36	ND(0.05)	0.38
	21-Nov-96	97.85	16.33	81.52	ND(0.5)	ND	ND(0.05)	0.15
MW-9	21-Jul-95	---	---	---	MONITORING WELL INSTALLED IN APRIL 1996			
	01-May-96	97.37	15.95	81.42	ND(1)	8.8	0.06	0.84
	07-Aug-96	97.39	15.53	81.86	ND(0.5)	ND	ND(0.05)	0.64
	21-Nov-96	97.38	15.84	81.54	ND(0.5)	ND	ND(0.05)	0.68
GWP-1	21-Jul-95	97.47	14.62	82.85	1,500	1,722	4	0.19
	01-May-96	97.53	16.11	81.42	117	134.3	0.34	0.48
	07-Aug-96	97.54	15.69	81.85	230	240.3	0.84	0.72
	21-Nov-96	97.54	15.97	81.57	160	165.82	0.499	0.29
GWP-2	21-Jul-95	97.75	16.02	82.73	ND(0.5)	ND	ND(0.05)	ND(0.1)
	01-May-96	97.91	16.54	81.37	ND(1)	ND	ND(0.05)	0.35
	07-Aug-96	97.91	16.1	81.81	ND(0.5)	ND	ND(0.05)	0.16
	21-Nov-96	97.91	16.4	81.51	ND(0.5)	ND	ND(0.05)	0.11
GWP-3	21-Jul-95	97.02	14.18	82.84	ND(0.5)	NT	ND(0.05)	ND(0.1)
	01-May-96	97.14	15.71	81.43	ND(1)	ND	ND(0.05)	0.17
	07-Aug-96	97.14	15.31	81.83	ND(0.5)	ND	ND(0.05)	0.29
	21-Nov-96	97.14	15.56	81.55	ND(0.5)	ND	ND(0.05)	0.17
DUP-1	01-May-96	---	---	---	10,000	124,600	220	5.6
	07-Aug-96	---	---	---	9,700	110,000	250	9.4
	21-Nov-96	---	---	---	ND(0.5)	49.86	0.231	4.6

NT INDICATES THAT THE MONITORING WELL WAS NOT TESTED FOR THIS PARAMETER.
 ND INDICATES THAT THE COMPOUND WAS NON-DETECTABLE ABOVE THE LIMIT SHOWN.



AGRA Earth & Environmental, Inc.
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Portland, Oregon
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Tel (503) 639-3400
Fax (503) 620-7892

December 11, 1996

AGRA Earth & Environmental
3504 Industrial Way, Suite 5
Fairbanks, AK 99701

AFF FAIRBANKS

DEC 13 1996

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Attention: Mr. James Spontak

Dear Mr. Spontak:

RE: Analytical Results For Project 6-024-01173-0T5

Attached are the results for the samples submitted on November 25, 1996 from the above referenced project. For your reference, our project number associated with these samples is AK960828.

The samples were analyzed for volatile organic compounds by GC/MSD, gasoline range organics & BTEX, and diesel range organics at the AGRA Earth & Environmental Portland Chemistry Laboratory. Samples MW-2, MW-3, and GWP-3 were also subcontracted to American Environmental Network (AEN) for PAH analysis. The AEN data will be reported under separate cover at a later date.

All analyses were conducted in accordance with applicable QA/QC guidelines. The results apply only to the samples submitted.

Please feel free to contact me if you have any questions regarding this report, or if I can be of any assistance in any other matter.

Respectfully submitted,

AGRA Earth & Environmental

A handwritten signature in black ink that reads 'Sean Gormley'. The signature is written in a cursive, flowing style.

Sean Gormley
Laboratory Manager
Laboratory ID # UST-008



Project: Seekins
 Project No.: 6-024-01173-0T5
 Project Manager: James Spontak
 Sample Matrix: Water

Service Request No.: AK960828
 Report Date: 12/2/96
 Report No.: 96082801a
 C.O.C. No.: 02849/02850

**Gasoline Range Organics & BTEX
 ADEC Method AK101
 ug/L(ppb)**

	(a)						Method Reporting
Sample Name:	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	Limit
Lab Code:	0828-1	0828-2	0828-3	0828-4	0828-5	0828-6	
Gasoline:	330,000	105	160	ND	ND	ND	50.0
Benzene:	11,000	ND	ND	ND	1.05	ND	0.50
Toluene:	71,000	ND	9.54	ND	ND	ND	0.50
Ethylbenzene:	6400	3.17	4.06	ND	0.60	ND	0.50
Total Xylenes:	45,000	4.99	29.8	ND	3.35	0.67	0.50
Sample Date:	11/21/96	11/21/96	11/21/96	11/21/96	11/21/96	11/21/96	
Analysis Date:	11/26/96	11/26/96	11/26/96	11/26/96	11/26/96	11/26/96	

Surrogate Recovery: (a,a,a-Trifluorotoluene):							Control Limits
Gasoline Analysis(FID):	83.8%	85.3%	83.6%	83.9%	83.6%	84.1%	50%-150%
BTEX Analysis(PID):	97.2%	101%	98.1%	97.9%	96.9%	97.4%	80%-113%

ND Not Detected

(a) Results are from a 1:1000 dilution.

Signature of Chemist

QA/QC Review

Project: Seekins
 Project No.: 6-024-01173-0T5
 Project Manager: James Spontak
 Sample Matrix: Water

Service Request No.: AK960828
 Report Date: 12/2/96
 Report No.: 96082801b
 C.O.C. No.: 02849/02850

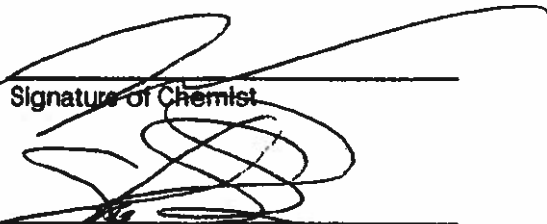
**Gasoline Range Organics & BTEX
 ADEC Method AK101
 ug/L(ppb)**

Sample Name:	MW-7	MW-8	MW-9	GWP-1	GWP-2	GWP-3	Method Reporting Limit
Lab Code:	0828-7	0828-8	0828-9	0828-10	0828-11	0828-12	
Gasoline:	ND	ND	ND	499	ND	ND	50.0
Benzene:	ND	ND	ND	160(a)	ND	ND	0.50
Toluene:	ND	ND	ND	ND	ND	ND	0.50
Ethylbenzene:	ND	ND	ND	ND	ND	ND	0.50
Total Xylenes:	ND	ND	ND	5.62	ND	ND	0.50
Sample Date:	11/21/96	11/21/96	11/21/96	11/21/96	11/21/96	11/21/96	
Analysis Date:	11/26/96	11/27/96	11/27/96	11/27/96	11/27/96	11/27/96	

Surrogate Recovery: (a,a,a-Trifluorotoluene):							Control Limits
Gasoline Analysis(FID):	83.0%	83.2%	83.4%	83.8%	83.0%	83.1%	50%-150%
BTEX Analysis(PID):	96.3%	96.9%	96.4%	88.2%	95.3%	95.2%	80%-113%

Gasoline Analysis(FID):	(1:10 dilution)	83.2%	50%-150%
BTEX Analysis(PID):		95.4%	80%-113%

ND Not Detected
 (a) Result is from a 1:10 dilution analyzed on 11/27/96.

Signature of Chemist

 QA/QC Review

Project: Seekins
 Project No.: 6-024-01173-0T5
 Project Manager: James Spontak
 Sample Matrix: Water

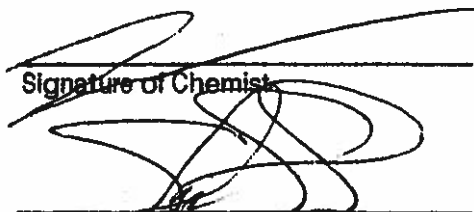
Service Request No.: AK960828
 Report Date: 12/2/96
 Report No.: 96082801c
 C.O.C. No.: 02849/02850

**Gasoline Range Organics & BTEX
 ADEC Method AK101
 ug/L(ppb)**

Sample Name:	DUP	TB	Lab Blank	Lab Blank	Lab Blank	Method Reporting
Lab Code:	0828-13	0828-14	0828-MB	0828-MB	0828-MB	Limit
Gasoline:	231	ND	ND	ND	ND	50.0
Benzene:	ND	ND	ND	ND	ND	0.50
Toluene:	11.6	2.46	ND	ND	ND	0.50
Ethylbenzene:	4.66	ND	ND	ND	ND	0.50
Total Xylenes:	33.6	1.33	ND	ND	ND	0.50
Sample Date:	11/21/96	11/21/96	11/26/96	11/27/96	12/2/96	
Analysis Date:	12/2/96	11/27/96	11/26/96	11/27/96	12/2/96	

Surrogate Recovery: (a,a,a-Trifluorotoluene):						Control Limits
Gasoline Analysis(FID):	83.5%	83.2%	83.0%	86.4%	85.2%	50%-150%
BTEX Analysis(PID):	101%	94.4%	99.4%	95.6%	100%	80%-113%

ND Not Detected

Signature of Chemist

 QA/QC Review

Project: Seekins
 Project No.: 6-024-01173-0T5
 Project Manager: James Spontak
 Sample Matrix: Water

Service Request No.: AK960828
 Report Date: 12/2/96
 Report No.: 96082802
 C.O.C. No.: 02849/02850

QC Data Report
Blank Spike Recoveries
Gasoline Range Organics & BTEX
ADEC Method AK101
ug/L(ppb)

Sample Name:	Lab Blank	Spike Level (ug/L)	Blank Spike (BS)	Percent Recovery (BS)	Blank Spike Duplicate (BSD)	Percent Recovery (BSD)	Relative Percent Difference
Gasoline:	ND	1000	1031	103	1029	103	<1.00
Benzene:	ND	20.0	19.8	99.0	19.9	99.5	<1.00
Toluene:	ND	20.0	19.9	99.5	20.0	100	<1.00
Ethylbenzene:	ND	20.0	20.0	100	20.2	101	<1.00
Total Xylenes:	ND	60.0	62.5	104	63.0	105	<1.00

Acceptance Limits: ~ ~ ~ 75%-125% ~ 75%-125% <25

Sample Date: 11/26/96 ~ 11/26/96 ~ 11/26/96 ~ ~

Analysis Date: 11/26/96 ~ 11/26/96 ~ 11/26/96 ~ ~

Surrogate Recovery (a,a,a-Trifluorotoluene):						Control Limits
Gasoline Analysis(FID):	83.0%	~	95.2%	~	94.8%	~ 50% - 150%
BTEX Analysis(PID):	99.4%	~	98.6%	~	98.5%	~ 80% - 113%

ND Not Detected

Spike Source: Ultra Scientific, BTX-100, Lot# J-2294.

Spike Source: Ultra Scientific, RGO-601, Lot# K-0587.

 Signature of Chemist

 QA/QC Review

Project: Seekins
Project No.: 6-024-01173-0T5
Project Manager: James Spontak
Sample Matrix: Water

Service Request No.: AK960828
Report Date: 12/10/96
Report No.: 96082807
C.O.C. No.: 02849/02850

Diesel Range Organics
ADEC Method AK 102
mg/L (ppm)

Sample Name	Lab Code	Sample Date	Extraction Date	Analysis Date	Diesel Result	Surrogate Recovery O-Terphenyl
MW-1	0828-1	11/21/96	11/27/96	12/9/96	9.6(a)	(b)
MW-2	0828-2	11/21/96	11/27/96	12/9/96	2.1(c)	(b)
MW-3	0828-3	11/21/96	11/27/96	12/9/96	5.4(d)	(b)
MW-4	0828-4	11/21/96	11/27/96	12/9/96	0.24(c)	130
MW-5	0828-5	11/21/96	11/27/96	12/9/96	1.0	(b)
MW-6	0828-6	11/21/96	11/27/96	12/9/96	0.59	110
MW-7	0828-7	11/21/96	11/27/96	12/9/96	0.20	91
MW-8	0828-8	11/21/96	11/27/96	12/9/96	0.15	56
MW-9	0828-9	11/21/96	11/27/96	12/9/96	0.68	120
GWP-1	0828-10	11/21/96	11/27/96	12/9/96	0.29(e)	110
GWP-2	0828-11	11/21/96	11/27/96	12/10/96	0.11(c)	110
GWP-3	0828-12	11/21/96	11/27/96	12/10/96	0.17	110
DUP	0828-13	11/21/96	11/27/96	12/10/96	4.8(d)	(b)
Lab Blank	0828-MB	11/27/96	11/27/96	12/9/96	<0.05	91

Acceptance Criteria: 50%-150%

- (a) Result is from a 1:20 dilution.
- (b) Not applicable due to the presence of chromatographic peaks from target and non-target compounds which prevented determination of the surrogate.
- (c) Chromatographic peaks were quantified as diesel; however, the chromatographic peak pattern indicates a heavier product such as motor oil is eluting within the diesel range.
- (d) Result is from a 1:5 dilution.
- (e) Chromatographic peaks were quantified as diesel; however, the chromatographic peak pattern does not resemble that of the standard.


Signature of Chemist


QA/QC Review

Project: Seekins
 Project No.: 6-024-01173-0T5
 Project Manager: James Spontak
 Sample Matrix: Water

Service Request No.: AK960828
 Report Date: 12/10/96
 Report No.: 96082808
 C.O.C. No.: 02849/02850

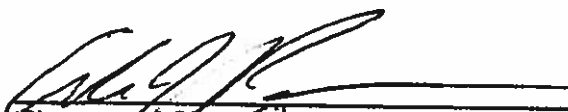
**Quality Assurance Data Report
 Laboratory Control Sample Summary
 Diesel Range Organics
 ADEC Method AK 102
 mg/L(ppm)**

Standard Source	Lab Code	True Value	LCS Result	LCS Recovery	LCS Dup Result	LCS Dup Recovery	% Recovery Acceptance Limits	RPD LCS/LCS Dup
* Restek	0828-LCS	0.25	0.29	120	0.31	120	60%-120%	6.7

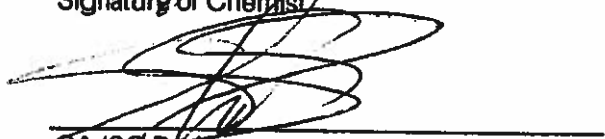
Date Extracted: ~ ~ 11/27/96 ~ 11/27/96 ~
 Date Analyzed: ~ ~ 12/9/96 ~ 12/9/96 ~

Surrogate Recovery: O-Terphenyl: ~ ~ 110% ~ 110% ~ **ADEC Acceptance Criteria 50%-150%**

* Restek Diesel Fuel (Lot #A005769).



 Signature of Chemist



 QA/QC Review

Project: Seekins
 Project No.: 6-024-01173-0T5
 Project Manager: James Spontak
 Sample Matrix: Water

Service Request No.: AK960828
 Report Date: 12/3/96
 Report No.: 96082803
 C.O.C. No.: 02849/02850

Volatile Organic Compounds by GC/MSD
EPA Methods 5030/624
 ug/L(ppb)

Sample Name: Lab Code:	MW-2 0828-2	MW-3 0828-3	MW-7 0828-7	GWP-2 0828-11	Lab Blank 0828-MB	Reporting Limit
Dichlorodifluoromethane	ND	ND	ND	ND	ND	1.0
Chloromethane	ND	ND	ND	ND	ND	1.0
Vinyl Chloride	ND	ND	ND	ND	ND	1.0
Bromomethane	ND	ND	ND	ND	ND	1.0
Chloroethane	ND	ND	ND	ND	ND	1.0
Trichlorofluoromethane	7.19	2.33	69.0	44.3	ND	1.0
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0
Acetone	ND	ND	451	ND	ND	20
Carbon Disulfide	ND	ND	ND	ND	ND	1.0
Methylene Chloride	ND	26.3	2.97	ND	ND	1.0
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0
1,1-Dichloroethane	1.11	ND	ND	ND	ND	1.0
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0
2-Butanone(MEK)	ND	ND	ND	ND	ND	10
Bromochloromethane	ND	ND	ND	ND	ND	1.0
Chloroform	ND	ND	ND	ND	ND	1.0
1,1,1-Trichloroethane	48.3	ND	ND	ND	ND	1.0
Carbon Tetrachloride	ND	ND	ND	ND	ND	1.0
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0
Benzene	1.28	1.42	ND	ND	ND	1.0
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0
Trichloroethene	ND	3.55	ND	ND	ND	1.0
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0
Dibromomethane	ND	ND	ND	ND	ND	1.0
Bromodichloromethane	ND	ND	ND	ND	ND	1.0
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0
4-Methyl-2-Pentanone(MIBK)	ND	ND	ND	ND	ND	10
Toluene	ND	9.64	ND	ND	ND	1.0
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0
Tetrachloroethene	28.4	13.8	ND	ND	ND	1.0
2-Hexanone	ND	ND	ND	ND	ND	10
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0
Dibromochloromethane	ND	ND	ND	ND	ND	1.0
1,2-Dibromoethane	ND	ND	ND	ND	ND	1.0
Chlorobenzene	ND	ND	ND	ND	ND	1.0
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0
Ethylbenzene	3.95	3.64	ND	ND	ND	1.0
m,p-Xylene	6.04	17.2	ND	ND	ND	1.0
o-Xylene	ND	10.2	ND	ND	ND	1.0
Styrene	ND	ND	ND	ND	ND	1.0

ND Not Detected

Project: Seekins
 Project No.: 6-024-01173-0T5
 Project Manager: James Spontak
 Sample Matrix: Water

Service Request No.: AK960828
 Report Date: 12/3/96
 Report No.: 96082803
 C.O.C. No.: 02849/02850

Volatile Organic Compounds by GC/MSD
EPA Methods 5030/624
 ug/L(ppb)

Sample Name:	MW-2	MW-3	MW-7	GWP-2	Lab Blank	Reporting
Lab Code:	0828-2	0828-3	0828-7	0828-11	0828-MB	Limit
Bromoform	ND	ND	ND	ND	ND	1.0
Isopropylbenzene	1.69	1.22	ND	ND	ND	1.0
Bromobenzene	ND	ND	ND	ND	ND	1.0
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0
n-Propylbenzene	4.74	2.39	ND	ND	ND	1.0
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0
1,3,5-Trimethylbenzene	6.61	9.07	ND	ND	ND	1.0
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0
1,2,4-Trimethylbenzene	8.55	19.9	ND	ND	ND	1.0
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0
4-Isopropyltoluene	ND	5.76	ND	ND	ND	1.0
1,4-Dichlorobenzene	ND	1.65	ND	ND	ND	1.0
1,2-Dichlorobenzene	ND	36.6	ND	ND	ND	1.0
n-Butylbenzene	ND	ND	ND	ND	ND	1.0
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	1.0
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0
Naphthalene	ND	28.9	ND	ND	ND	20
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	20

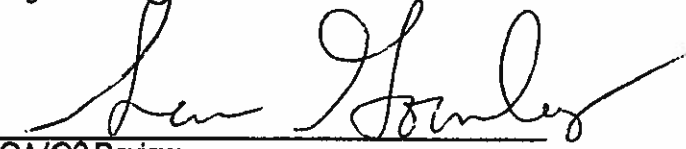
Sample Date: 11/21/96 11/21/96 11/21/96 11/21/96 11/26/96
 Analysis Date: 11/26/96 11/26/96 11/26/96 11/26/96 11/26/96

EPA
%Recovery
Acceptance

Surrogate Recoveries:						
Dibromofluoromethane:	96.0%	95.9%	96.8%	97.9%	96.0%	86%-118%
Toluene-d ₈ :	101%	103%	102%	102%	98.7%	88%-110%
4-Bromofluorobenzene:	102%	101%	107%	107%	108%	86%-115%

ND Not Detected


 Signature of Chemist


 QA/QC Review

Project: Seekins
 Project No.: 6-024-01173-0T5
 Project Manager: James Spontak
 Sample Matrix: Water

Service Request No.: AK960828
 Report Date: 12/3/96
 Report No.: 96082804
 C.O.C. No.: 02849/02850

Volatile Organic Compounds by GC/MSD
EPA Methods 5030/624
Low Level Method
ug/L(ppb)

Sample Name: Lab Code:							Lab	Reporting Limit
	MW-4 0828-4	MW-5 0828-5	MW-6 0828-6	MW-8 0828-8	MW-9 0828-9	GWP-3 0828-12	Blank 0828-MB	
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	0.5
Chloromethane	ND	ND	ND	ND	ND	ND	ND	0.5
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	0.5
Bromomethane	ND	ND	ND	ND	ND	ND	ND	0.5
Chloroethane	ND	ND	ND	ND	ND	ND	ND	0.5
Trichlorofluoromethane	ND	ND	7.45	9.50	ND	2.47	ND	0.5
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.5
Acetone	ND	ND	ND	ND	ND	ND	ND	10
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	0.5
Methylene Chloride	ND	ND	0.73	ND	ND	ND	ND	0.5
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.5
1,1-Dichloroethane	ND	0.78	1.86	ND	ND	ND	ND	0.5
2,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	0.5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.5
2-Butanone(MEK)	ND	ND	ND	ND	ND	ND	ND	5.0
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	0.5
Chloroform	ND	ND	ND	ND	ND	ND	ND	0.5
1,1,1-Trichloroethane	ND	ND	1.19	ND	ND	0.69	ND	0.5
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	0.5
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	0.5
Benzene	ND	1.05	ND	ND	ND	ND	ND	0.5
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	0.5
Trichloroethene	ND	ND	0.53	ND	ND	ND	ND	0.5
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	0.5
Dibromomethane	ND	ND	ND	ND	ND	ND	ND	0.5
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	0.5
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	0.5
4-Methyl-2-Pentanone(MIBK)	ND	ND	ND	ND	ND	ND	ND	5.0
Toluene	ND	ND	ND	ND	ND	ND	ND	0.5
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	0.5
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	0.5
Tetrachloroethene	ND	ND	5.78	ND	ND	ND	ND	0.5
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	5.0
1,3-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	0.5
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	0.5
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	0.5
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	0.5
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	0.5
Ethylbenzene	ND	0.50	ND	ND	ND	ND	ND	0.5
m,p-Xylene	ND	0.94	ND	ND	ND	ND	ND	0.5
o-Xylene	ND	1.42	ND	ND	ND	ND	ND	0.5
Styrene	ND	ND	ND	ND	ND	ND	ND	0.5

ND Not Detected


Project: Seekins
 Project No.: 6-024-01173-0T5
 Project Manager: James Spontak
 Sample Matrix: Water

Service Request No.: AK960828
 Report Date: 12/3/96
 Report No.: 96082804
 C.O.C. No.: 02849/02850

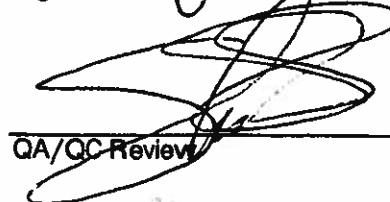
Volatile Organic Compounds by GC/MSD
EPA Methods 5030/624
Low Level Method
ug/L(ppb)

Sample Name: Lab Code:	MW-4 0828-4	MW-5 0828-5	MW-6 0828-6	MW-8 0828-8	MW-9 0828-9	GWP-3 0828-12	Lab Blank 0828-MB	Reporting Limit
Bromoform	ND	ND	ND	ND	ND	ND	ND	0.5
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	0.5
Bromobenzene	ND	ND	ND	ND	ND	ND	ND	0.5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	0.5
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	0.5
n-Propylbenzene	ND	0.65	ND	ND	ND	ND	ND	0.5
2-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	0.5
4-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	0.5
1,3,5-Trimethylbenzene	ND	2.38	ND	ND	ND	ND	ND	0.5
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	0.5
1,2,4-Trimethylbenzene	ND	6.52	ND	ND	ND	ND	ND	0.5
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	0.5
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	0.5
4-Isopropyltoluene	ND	0.60	ND	ND	ND	ND	ND	0.5
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	0.5
1,2-Dichlorobenzene	ND	1.45	ND	ND	ND	ND	ND	0.5
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	ND	ND	0.5
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	0.5
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	0.5
Naphthalene	ND	ND	ND	ND	ND	ND	ND	10
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	10
Sample Date:	11/21/96	11/21/96	11/21/96	11/21/96	11/21/96	11/21/96	11/27/96	
Analysis Date:	11/27/96	11/27/96	11/27/96	11/27/96	11/27/96	11/27/96	11/27/96	
Surrogate Recoveries:								EPA %Recovery Acceptance
Dibromofluoromethane:	102%	103%	104%	102%	102%	103%	99.6%	86%-118%
Toluene-d8:	101%	101%	101%	101%	100%	99.4%	101%	88%-110%
4-Bromofluorobenzene:	103%	101%	103%	104%	102%	111%	102%	86%-115%

ND. Not Detected



 Signature of Chemist



 QA/QC Review

Project: Seekins
 Project No.: 6-024-01173-0T5
 Project Manager: James Spontak
 Sample Matrix: Water

Service Request No.: AK960828
 Report Date: 12/3/96
 Report No.: 96082806
 C.O.C.: 02849/02850

**QC Data Report
 MS/MSD Summary
 Volatile Organic Compounds by GC/MS
 EPA Methods 5030/624
 Low Level Method
 ug/L(ppb)**

Sample Name:	MW4	Spike Level	Matrix Spike	Percent Recovery	Matrix Spike Duplicate	Percent Recovery	EPA % Recovery Acceptance Criteria (a)	Relative Percent Difference (RPD)
1,1 - Dichloroethene	ND	10.0	10.0	100	10.1	101	75% - 113%	<1.0
Benzene	ND	10.0	9.78	97.8	9.91	99.1	77% - 117%	1.3
Trichloroethene	ND	10.0	9.49	94.9	9.51	95.1	70% - 110%	<1.0
Toluene	ND	10.0	9.67	96.7	9.79	97.9	77% - 126%	1.2
Chlorobenzene	ND	10.0	9.73	97.3	9.92	99.2	80% - 116%	1.9

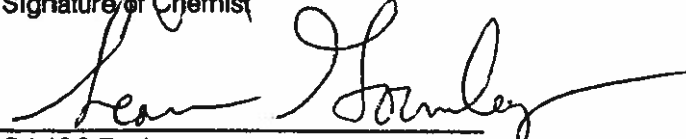
Sample Date: 11/21/96 ~ 11/21/96 ~ 11/21/96 ~ ~
 Analysis Date: 11/27/96 ~ 11/27/96 ~ 11/27/96 ~ ~

Surrogate Recovery:						Control Limits	
Dibromofluoromethane:	102%	~	98.9%	~	101%	~	86%-118%
Toluene-d ₈ :	101%	~	100%	~	99.8%	~	88%-110%
4-Bromofluorobenzene:	103%	~	109%	~	108%	~	86%-115%

ND Not Detected

(a) Criteria from EPA Method 8260A, Table 6.


 Signature of Chemist


 QA/QC Review

Project: Seekins
 Project No.: 6-024-01173-0T5
 Project Manager: James Spontak
 Sample Matrix: Water

Service Request No.: AK960828
 Report Date: 12/3/96
 Report No.: 96082805
 C.O.C.: 02849/02850

**QC Data Report
 MS/MSD Summary
 Volatile Organic Compounds by GC/MS
 EPA Methods 5030/624
 ug/L(ppb)**

Sample Name:	MW7	Spike Level (ug/L)	Matrix Spike	Percent Recovery (MS)	Matrix Spike Duplicate	Percent Recovery (DMS)	EPA % Recovery Acceptance Criteria (a)	Relative Percent Difference (RPD)
1,1 - Dichloroethene	ND	50.0	52.4	105	52.2	104	75% - 113%	<1.0
Benzene	ND	50.0	51.0	102	51.8	104	77% - 117%	1.9
Trichloroethene	ND	50.0	48.0	96.0	47.6	95.2	70% - 110%	<1.0
Toluene	ND	50.0	47.0	94.0	46.5	93.0	77% - 126%	1.1
Chlorobenzene	ND	50.0	50.2	100	50.5	101	80% - 116%	1.0


Sample Date: 11/21/96 ~ 11/21/96 ~ 11/21/96 ~ ~
 Analysis Date: 11/26/96 ~ 11/26/96 ~ 11/26/96 ~ ~

Surrogate Recovery:						Control Limits
Dibromofluoromethane:	98.6%	~	96.2%	~	96.6%	~ 86%-118%
Toluene-d ₈ :	102%	~	98.5%	~	98.4%	~ 88%-110%
4-Bromofluorobenzene:	107%	~	103%	~	106%	~ 86%-115%

ND Not Detected

(a) Criteria from EPA Method 8260A, Table 6.


 Signature of Chemist


 QA/QC Review

CHAIN OF CUSTODY

PROJECT NO. <u>705</u>				ANALYSIS REQUESTED (circle, check box or write preferred method in box)																	
OBJECT	PROJECT NO.	PRESERVATIVE	CONTAINERS	DATE	TIME	MATRIX	BTEX by 5030 / 8020	GRPH by 5030 / 8015	DRPH by 3550 / 8100	BTEX/GRPH Combo by 5030 / 8020-8015	TPH by 3550 / 418.1	Halogenated Volatiles by 5030 / 8010	WTPH-418.1 MODIFIED	Aromatics by 602	Polynuclear Aromatics by 610 or 8310	Total Halogens (TOX) by 9076	Total Metals by ICP AA	Purgeable Organics GCNS by 8240 or 624	Base/Neu/tech/Organics GCNS by 625 or 8270	PCB by 8080	
SEEDLINGS	6-024-01173-1	"	40.1	11/21/96	15:40	Water															
AGREEMENT	(407) 479-7586	"	40.1	11/21/96	13:45	"									X						
AGREEMENT	"	"	40.1	11/21/96		"															
AGREEMENT	"	"	40.1	11/21/96	8:30	"															
AGREEMENT	"	"	40.1	11/21/96		"															

LABORATORY	TURNAROUND TIME	SPECIAL INSTRUCTIONS / ADDITIONAL COMMENTS
SHIPPING I.D. / AIRBILL #	<input type="checkbox"/> 8 HOUR <input type="checkbox"/> 24 HOUR <input type="checkbox"/> 1 WEEK <input checked="" type="checkbox"/> 2 WEEK (standard) <input type="checkbox"/> OTHER	Any Q's please call Ann Ferris @ (907) 479-7586
CARRIER		
DOT DESIGNATION		
RELINQUISHED BY / AFFILIATION	ACCEPTED BY / AFFILIATION	DATE
Ann Ferris	Cynthia Nuxee AEE	11/22/96 8:30
		11/25/96 1300

CASE NARRATIVE FOR EPA METHOD 8270MOD PAH-SIM

Polynuclear Aromatic Hydrocarbons

AEN ACCESSION NUMBER 611652

A 1000 mL aliquot of each sample was extracted with methylene chloride by liquid:liquid extraction (EPA method 3510). The extracts were taken to a final volume of 1.0 mL.

The extracts were analyzed by Gas Chromatography (GC) using a DB-5 capillary column. The detector was a Mass Spectrometer (MS) utilizing selected ion monitoring.

Due to limited sample, no matrix spikes were performed. Blank spikes were performed and are included.

Pat Marshall

GC/MS RESULTS

METHOD:	B270MOD PAH-SIM	AEN I.D.:	611852-0
CLIENT I.D.:	Method Blank	DATE SAMPLED:	N/A
CLIENT:	AGRA Earth & Environmental	DATE RECEIVED:	N/A
PROJECT #:	6-024-01173-1T05	DATE EXTRACTED:	12/04/96
PROJECT NAME:	Seekins	DATE ANALYZED:	12/13/96
SAMPLE MATRIX:	WATER	DILUTION FACTOR:	1
		UNITS:	ug/L

PARAMETER	RESULTS
NAPHTHALENE	< 0.1
ACENAPHTHYLENE	< 0.1
ACENAPHTHENE	< 0.1
FLUORENE	< 0.1
PHENANTHRENE	< 0.1
ANTHRACENE	< 0.1
FLUORANTHENE	< 0.1
PYRENE	< 0.1
BENZO(a)ANTHRACENE	< 0.1
CHRYSENE	< 0.1
BENZO(b)FLUORANTHENE	< 0.1
BENZO(k)FLUORANTHENE	< 0.1
BENZO(a)PYRENE	< 0.1
INDENO(1,2,3-cd)PYRENE	< 0.1
DIBENZO(a,h)ANTHRACENE	< 0.1
BENZO(g,h,i)PERYLENE	< 0.1
SURROGATE:	
TERPHENYL-D14 (10%-137%)	89%

Analyst: 12/17/96

Reviewer: _____

GC/MS RESULTS

METHOD:	8270MOD PAH-SIM	AEN I.D.:	611652-1
CLIENT I.D.:	MW-2	DATE SAMPLED:	11/21/96
CLIENT:	AGRA Earth & Environmental	DATE RECEIVED:	11/25/96
PROJECT #:	6-024-01173-1T05	DATE EXTRACTED:	12/04/96
PROJECT NAME:	Seekins	DATE ANALYZED:	12/13/96
SAMPLE MATRIX:	WATER	DILUTION FACTOR:	1
		UNITS:	ug/L

PARAMETER	RESULTS
NAPHTHALENE	< 0.1
ACENAPHTHYLENE	< 0.1
ACENAPHTHENE	< 0.1
FLUORENE	< 0.1
PHENANTHRENE	< 0.1
ANTHRACENE	< 0.1
FLUORANTHENE	< 0.1
PYRENE	< 0.1
BENZO(a)ANTHRACENE	< 0.1
CHRYSENE	< 0.1
BENZO(b)FLUORANTHENE	< 0.1
BENZO(k)FLUORANTHENE	< 0.1
BENZO(a)PYRENE	< 0.1
INDENO(1,2,3-cd)PYRENE	< 0.1
DIBENZO(a,h)ANTHRACENE	< 0.1
BENZO(g,h,i)PERYLENE	< 0.1
SURROGATE:	
TERPHENYL-D14 (18%-137%)	81%

Analyst: pm 12/13/96

Reviewer: _____

GC/MS RESULTS

METHOD:	8270MOD PAH-SIM	AEN I.D.:	611652-2
CLIENT I.D.:	MW-3	DATE SAMPLED:	11/21/96
CLIENT:	AGRA Earth & Environmental	DATE RECEIVED:	11/25/96
PROJECT #:	8-024-01173-1T05	DATE EXTRACTED:	12/04/96
PROJECT NAME:	Seekins	DATE ANALYZED:	12/13/96
SAMPLE MATRIX:	WATER	DILUTION FACTOR:	1
		UNITS:	ug/L

PARAMETER	RESULTS
NAPHTHALENE	11 E
ACENAPHTHYLENE	0.3
ACENAPHTHENE	0.8
FLUORENE	0.9
PHENANTHRENE	0.8
ANTHRACENE	< 0.1
FLUORANTHENE	0.1
PYRENE	0.1
BENZO(a)ANTHRACENE	< 0.1
CHRYSENE	< 0.1
BENZO(b)FLUORANTHENE	< 0.1
BENZO(k)FLUORANTHENE	< 0.1
BENZO(a)PYRENE	< 0.1
INDENO(1,2,3-cd)PYRENE	< 0.1
DIBENZO(a,h)ANTHRACENE	< 0.1
BENZO(g,h,i)PERYLENE	< 0.1
SURROGATE:	
TERPHENYL-D14 (18%-137%)	81%

E = Estimated value.

Analyst: SM 12/17/96

Reviewer: _____

GC/MS RESULTS

METHOD:	8270MOD PAH-SIM	AEN I.D.:	611652-3
CLIENT I.D.:	GWP-3	DATE SAMPLED:	11/21/96
CLIENT:	AGRA Earth & Environmental	DATE RECEIVED:	11/25/96
PROJECT #:	6-024-01173-1T05	DATE EXTRACTED:	12/04/96
PROJECT NAME:	Seekins	DATE ANALYZED:	12/13/96
SAMPLE MATRIX:	WATER	DILUTION FACTOR:	1
		UNITS:	ug/L

PARAMETER	RESULTS
NAPHTHALENE	< 0.1
ACENAPHTHYLENE	< 0.1
ACENAPHTHENE	< 0.1
FLUORENE	< 0.1
PHENANTHRENE	< 0.1
ANTHRACENE	< 0.1
FLUORANTHENE	< 0.1
PYRENE	< 0.1
BENZO(a)ANTHRACENE	< 0.1
CHRYSENE	< 0.1
BENZO(b)FLUORANTHENE	< 0.1
BENZO(k)FLUORANTHENE	< 0.1
BENZO(a)PYRENE	< 0.1
INDENO(1,2,3-cd)PYRENE	< 0.1
DIBENZO(a,h)ANTHRACENE	< 0.1
BENZO(g,h,i)PERYLENE	< 0.1
SURROGATE:	
TERPHENYL-D14 (18%-137%)	82%

Analyst: pm 12/13/96

Reviewer: _____

GCMS - SPIKE RESULTS

METHOD: 8270MOD PAH-SIM
 CLIENT: AGRA Earth & Environmental
 PROJECT #: B-024-01173-1T05
 PROJECT NAME: Seekins
 SAMPLE MATRIX: WATER

AEN I.D.: 611 652
 QC SAMPLE: Method Blank
 DATE EXTRACTED: 12/04/96
 DATE ANALYZED: 12/13/96
 DILUTION FACTOR: 1
 UNITS: ug/L

PARAMETER	SAMPLE RESULT	SPIKE ADDED	BS RESULT	BS % REC	BSD RESULT	BSD % REC	RPD
ACENAPHTHYLENE	< 0.1	5.00	4.08	82	4.14	93	1
PHENANTHRENE	< 0.1	5.00	4.39	88	4.64	93	6
PYRENE	< 0.1	5.00	3.91	78	3.98	80	2

SURROGATE:

TERPHENYL-D14 (18%-137%)

74%

76%

CONTROL LIMITS

	% REC	RPD
ACENAPHTHYLENE	40 - 129	32
PHENANTHRENE	46 - 137	28
PYRENE	50 - 129	28

Analyst: pm 12/13/96

Reviewer: _____



17400 S.W. Upper Boones Ferry Rd., Suite 270
 Durham, Oregon 97224 • (503) 694-0447 FAX: (503) 620-0393

Chain of Custody

LABORATORY NUMBER: 6011652
 PROJECT NOTICE NUMBER:

DATE 11/25/96 PAGE 1 OF 1

PROJECT MANAGER: Jim Spambak / Sara Gorenkley
COMPANY: Agre
ADDRESS: 7409 SW TECH Center Dr
 Bechler, OR 97223
PHONE:
 ATC Deposit @ \$5.00 each Return

SAMPLED BY:
ANALYSIS REQUEST:

PETROLEUM HYDROCARBONS	ORGANICS	Inorganics	TCLP	OTHER	NUMBER OF CONTAINERS																																																																																															
						TH-0	TH-1	TH-2	TH-3	TH-4	TH-5	TH-6	TH-7	TH-8	TH-9	TH-10	TH-11	TH-12	TH-13	TH-14	TH-15	TH-16	TH-17	TH-18	TH-19	TH-20																																																																										
TH-0	TH-1	TH-2	TH-3	TH-4	TH-5	TH-6	TH-7	TH-8	TH-9	TH-10	TH-11	TH-12	TH-13	TH-14	TH-15	TH-16	TH-17	TH-18	TH-19	TH-20	TH-21	TH-22	TH-23	TH-24	TH-25	TH-26	TH-27	TH-28	TH-29	TH-30	TH-31	TH-32	TH-33	TH-34	TH-35	TH-36	TH-37	TH-38	TH-39	TH-40	TH-41	TH-42	TH-43	TH-44	TH-45	TH-46	TH-47	TH-48	TH-49	TH-50	TH-51	TH-52	TH-53	TH-54	TH-55	TH-56	TH-57	TH-58	TH-59	TH-60	TH-61	TH-62	TH-63	TH-64	TH-65	TH-66	TH-67	TH-68	TH-69	TH-70	TH-71	TH-72	TH-73	TH-74	TH-75	TH-76	TH-77	TH-78	TH-79	TH-80	TH-81	TH-82	TH-83	TH-84	TH-85	TH-86	TH-87	TH-88	TH-89	TH-90	TH-91	TH-92	TH-93	TH-94	TH-95	TH-96	TH-97	TH-98	TH-99	TH-100

PROJECT INFORMATION:

PROJECT NUMBER: 6-214-DIT3-1 TOTAL NUMBER OF CONTAINERS: 3
 PROJECT NAME: Seals COC SEALS INTACT? Y N I A
 PURCHASE ORDER NUMBER: Seals RECEIVED INTACT? Y N
 ONGOING PROJECT? YES NO D RECEIVED COLD? Y N

DATE: 11/21 11/21 11/21

TIME: 14:20 11:15 13:45

LABORATORY: ATL

ANALYSIS REQUEST:

TH-0 TH-1 TH-2 TH-3 TH-4 TH-5 TH-6 TH-7 TH-8 TH-9 TH-10 TH-11 TH-12 TH-13 TH-14 TH-15 TH-16 TH-17 TH-18 TH-19 TH-20 TH-21 TH-22 TH-23 TH-24 TH-25 TH-26 TH-27 TH-28 TH-29 TH-30 TH-31 TH-32 TH-33 TH-34 TH-35 TH-36 TH-37 TH-38 TH-39 TH-40 TH-41 TH-42 TH-43 TH-44 TH-45 TH-46 TH-47 TH-48 TH-49 TH-50 TH-51 TH-52 TH-53 TH-54 TH-55 TH-56 TH-57 TH-58 TH-59 TH-60 TH-61 TH-62 TH-63 TH-64 TH-65 TH-66 TH-67 TH-68 TH-69 TH-70 TH-71 TH-72 TH-73 TH-74 TH-75 TH-76 TH-77 TH-78 TH-79 TH-80 TH-81 TH-82 TH-83 TH-84 TH-85 TH-86 TH-87 TH-88 TH-89 TH-90 TH-91 TH-92 TH-93 TH-94 TH-95 TH-96 TH-97 TH-98 TH-99 TH-100

RECEIVED INFORMATION:

DATE: 11/20 TIME: 15:30
 SIGNATURE: Cynthia Durbell
 PRINTED NAME: CYNTHIA DURBELL
 COMPANY: ATL

DATE: 11/20 TIME: 15:30
 SIGNATURE: Stewart E. Simms
 PRINTED NAME: STEWART E. SIMMS
 COMPANY: Analytical Technologies, Inc.

SPECIAL INSTRUCTIONS:
Watch holding times

RECEIVED via: AK960828