August 29, 2007

Mr. Barney Chan
Alameda County
Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Ste. 250
Alameda, California 94502-6577

RE: Site Update
Alaska Gas
6211 San Pablo Avenue
Oakland, California

Dear Mr. Chan:

Attached for your review and comment is the August 29, 2007 *Site Update* report prepared by HerSchy Environmental, Inc upon my behalf, for the above-referenced site.

As the legally authorized representative of the above-referenced project, I have reviewed the attached report and declare, under penalty of perjury, that the information and/or recommendations contained in the attached document are true and correct to the best of my knowledge.

Sincerely,

Mr. Pritpaul Sappal

HerSchy Environmental, Inc.

August 29, 2007

Mr. Barney Chan
Alameda County
Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Ste. 250
Alameda, California 94502-6577

RE: Site Update
Alaska Gas
6211 San Pablo Avenue
Oakland, California

Dear Mr. Chan,

We are writing to inform you of the progress with the various efforts being undertaken at Alaska Gas in Oakland. Recently we completed several of the required soil borings as well as the replacement of damaged well MW-1R. Three of the six approved soil borings were completed within the City of Oakland right of way (DP-1 through DP-3, Figure 1). We are still working towards access agreements with the City of Oakland Housing Authority and Mr. Paul Wang (Property owner at southeast corner of Marshall St. and 62nd). It was determined that it would be productive and necessary to proceed with several of the borings in conjunction with replacement of MW-1R, rather than wait for the access agreements from the other properties in order to move this project forward.

The locations were placed in the field based on pre-approved boring locations, proximity to underground and overhead utilities, and slight adjustments to place borings in the sidewalk area and out of private property. Each direct push boring was pushed to a total depth of 16 feet below grade (fbg). The total depth was determined during drilling activities through an examination of soil conditions and the locations of visible smear zones. Soil samples were collected at five foot intervals and as determined by field screening results. Water samples were also collected for laboratory analyses through the use of temporary well screen placed in bore holes due to slow water recharge rates.

Based on a combination of field observations and laboratory data, it appears that the contaminant plume may be larger than initially anticipated. Laboratory analyses of the soil and groundwater samples are included as Attachment A. Upon completion of the full suite of soil borings, a report with additional details of our findings will be submitted. With these preliminary findings in mind, we believe it is necessary to modify approved boring locations and/or add

additional soil boring points to garner a better picture of what appears to be a larger plume area. Modifications of approved locations to sidewalk locations would also greatly expedite collection of off-site data by avoiding the need to obtain access through a private owner or the Housing Authority for the City of Oakland. We have included a map with the completed borings as well as the newly proposed locations as Figure 1. As a further method to both expedite work and save costs, it seems highly feasible and advantageous to advance soil borings with a hand auger taking discrete soil samples with a slide hammer and sampling tubes and water samples with the use of temporary well casing. This would avoid delays due to driller availability. If approved, we would request that this set of boring locations supersede all previous versions as a means of claryifying our objectives. We will continue to work towards obtaining the access agreements needed to complete borings at the properties on the southeast and northeast corners of Marshall St. and 62nd St.

As a continued effort in removing free product, free product was removed from well EX-1 using a disposable hand bailer. In all, approximately 8-gallons of product has been removed utilizing this method during two removal events; it appears that all 8 gallons could have been removed during one event. Prior to any removal efforts, product thickness measured 1.40 feet. Product thickness after the initial removal event on July 19, 2007 was 0.53 feet after removing approximately 6-gallons of product. When measured again August 14, 2007, product thickness was measured at 0.50 feet which indicates that recharge had been nonexistent over the span of 26 days. An additional 2-gallons of product were removed August 14, 2007. It appears that incorporating wells EX-1 and MW-4 into the vapor extraction system has allowed more product to accumulate in the immediate vicinity of the wells and become available for extraction. This idea stems from the fact that during a previous free product removal test (conducted in September 2006), only roughly 3-gallons of product could be skimmed from the well.

As an interim means of addressing the continued presence of free product, we would like to propose the use of passive product-specific absorbant socks. These absorbant socks can be left in wells EX-1 and MW-4, which have been reported with free product in the past, until fully saturated with product and then removed and replaced as needed.

We would also like to request a meeting with you in order to discuss future remediation options as well as touch bases about some of the other current issues associated with the site. We feel that a face-to-face meeting with open dialogue would help move this investigation along. Our hope is to ensure that the interested parties are all on the same page about the different aspects of the project.

Do not hesitate to call or write with any questions, comments, or concerns. You can contact us by writing at the letterhead address or by phone at the numbers below.

Sincerely,
HerSchy Environmental, Inc.

Reijo Ratilainen
Project Geologist
phone: 559.760.0037
e-mail: ReijoRHerSchy@sti.net

Scott Jackson, P.G. #7948
Senior Project Geologist
phone: 559.641.7320
e-mail: ScottJHerSchy@sti.net

cc: Mr. Pritpaul Sappal
Mr. Hernan Gomez, Oakland Fire Services Agency
Ms. Alyce Sandbach, Deputy District Attorney

HerSchy Environmental, Inc.

Environmental Consulting and Remediation

P. O. Box 229
Bass Lake, California 93604-0229
Tel. (559) 641-7320, Fax (559) 641-7340

SITE LOCATION MAP

ALASKA GASOLINE COMPANY

6211 San Pablo Avenue, Oakland, California

DATE:	August 2005
FILE NO.:	A51.01
DRAWN BY:	WEA

FIGURE 1

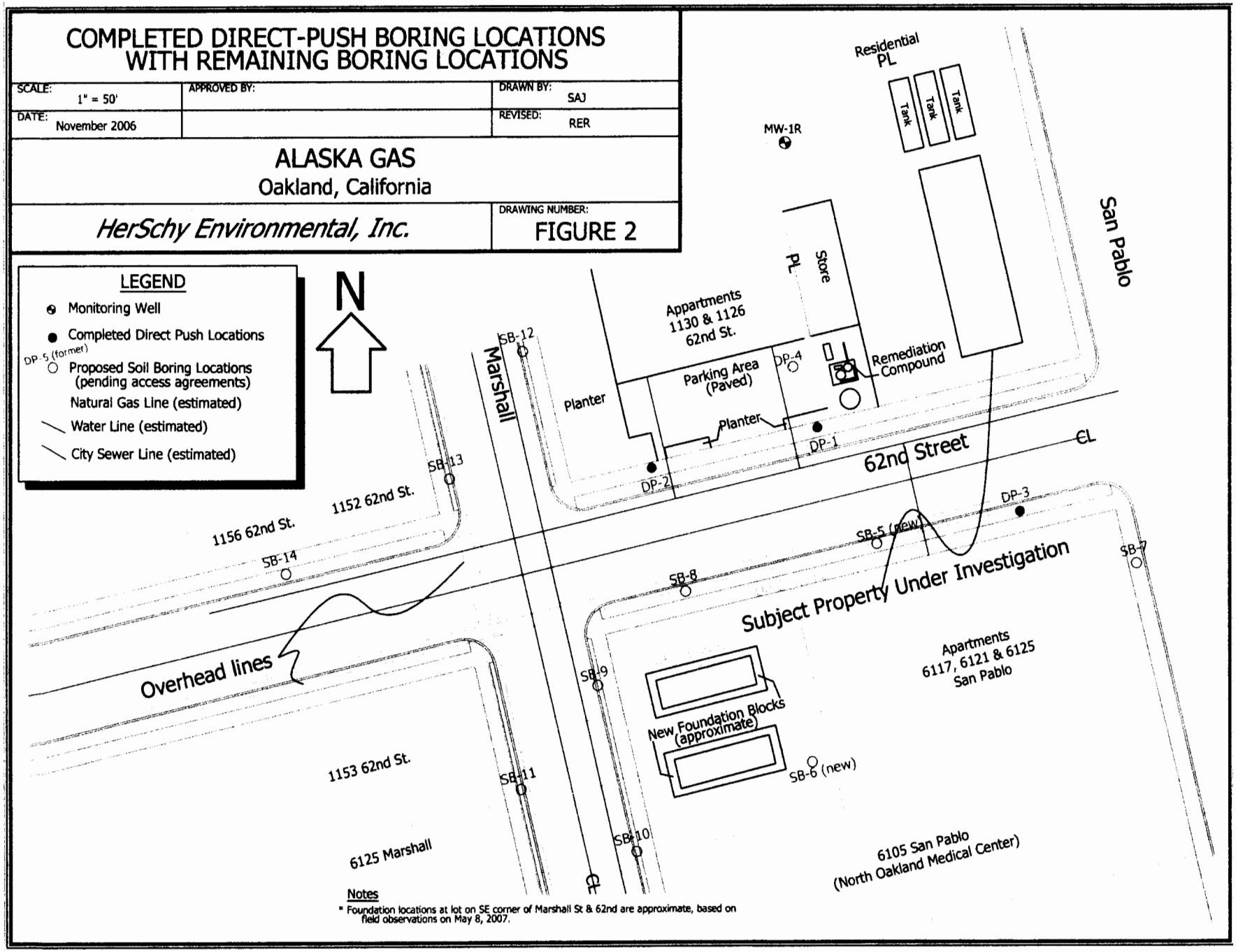
COMPLETED DIRECT-PUSH BORING LOCATIONS WITH REMAINING BORING LOCATIONS

SCALE: 1" = 50'	APPROVED BY:	DRAWN BY: SAJ
DATE: November 2006		REVISED: RER

ALASKA GAS
Oakland, California

HerSchy Environmental, Inc.

DRAWING NUMBER: FIGURE 2



Notes

* Foundation locations at lot on SE corner of Marshall St & 62nd are approximate, based on field observations on May 8, 2007.

ATTACHMENT A

LABORATORY RESULTS OF SOIL AND GROUNDWATER SAMPLES

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2681 • www.lancastertabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

HerSchy Environmental Inc.
40470 Live Oak Drive
P.O. Box 229
Bass Lake CA 93604

559-641-7320

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1051120. Samples arrived at the laboratory on Saturday, August 11, 2007. The PO# for this group is SOIL/WATER SAMPLING.

Client Description	Lancaster Labs Number
DP-1 @ 6' Grab Soil Sample	5126106
DP-1 @ 10.5' Grab Soil Sample	5126107
DP-1 @ 14' Grab Soil Sample	5126108
DP-2 @ 5' Grab Soil Sample	5126109
DP-2 @ 8.5' Grab Soil Sample	5126110
DP-2 @ 15.5' Grab Soil Sample	5126111
DP-3 @ 5' Grab Soil Sample	5126112
DP-3 @ 8' Grab Soil Sample	5126113
DP-3 @ 12' Grab Soil Sample	5126114
DP-3 @ 16' Grab Soil Sample	5126115
GW-2 Grab Water Sample	5126116
GW-1 Grab Water Sample	5126117
GW-3 Grab Water Sample	5126118

1 COPY TO HerSchy Environmental Inc. Attn: Reijo Ratilainen

Lancaster Laboratories

Analysis Report

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Questions? Contact your Client Services Representative
Elizabeth A Leonhardt at (510) 232-8894

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. SW 5126106

DP-1 @ 6' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 08:55 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

HerSchy Environmental Inc.
40470 Live Oak Drive
P.O. Box 229
Bass Lake CA 93604

6DP1-

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
05551	TPH-GRO (Soils)	n.a.	1,200.		47.	mg/kg	5000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised.						
00111	Moisture	n.a.	14.9		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02160	BTEX/MTBE						
02174	Benzene	71-43-2	3.7	J	1.2	mg/kg	5000
02177	Toluene	108-88-3	17.		1.2	mg/kg	5000
02178	Ethylbenzene	100-41-4	20.		1.2	mg/kg	5000
02182	Total Xylenes	1330-20-7	99.		3.5	mg/kg	5000
02199	MTBE	1634-04-4	N.D.		12.	mg/kg	5000
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.						
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		73.	ug/kg	123.76
02017	di-Isopropyl ether	108-20-3	N.D.		150.	ug/kg	123.76
02018	Ethyl t-butyl ether	637-92-3	N.D.		150.	ug/kg	123.76
02019	t-Amyl methyl ether	994-05-8	N.D.		150.	ug/kg	123.76
02020	t-Butyl alcohol	75-65-0	N.D.		2,900.	ug/kg	123.76
05461	1,2-Dichloroethane	107-06-2	N.D.		150.	ug/kg	123.76
05471	1,2-Dibromoethane	106-93-4	N.D.		150.	ug/kg	123.76
	The GC/MS volatile analysis was performed according to the high level soil method due to the level of non-target compounds. Therefore, the reporting limits were raised.						

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories Sample No. SW 5126106

DP-1 @ 6' Grab Soil Sample
Alaska Gas

Collected: 08/09/2007 08:55 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

HerSchy Environmental Inc.
40470 Live Oak Drive
P.O. Box 229
Bass Lake CA 93604

6DP1-

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05551	TPH-GRO (Soils)	TPH GRO SW-846 8015B mod	1	08/16/2007 05:26	Linda C Pape	5000
00111	Moisture	SM20 2540 G	1	08/15/2007 17:34	Scott W Freisher	1
02160	BTEX/MTBE	SW-846 8021B	1	08/16/2007 05:26	Linda C Pape	5000
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	08/20/2007 18:48	Angela D Sneeringer	123.76
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	08/20/2007 10:41	Angela D Sneeringer	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/13/2007 10:35	Larry E Bevins	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5126107

DP-1 @ 10.5' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:00 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

HerSchy Environmental Inc.
40470 Live Oak Drive
P.O. Box 229
Bass Lake CA 93604

10DP1

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
05551	TPH-GRO (Soils)	n.a.	0.4	J	0.2	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised.						
00111	Moisture	n.a.	13.3		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02160	BTEX/MTBE						
02174	Benzene	71-43-2	0.006	J	0.006	mg/kg	25
02177	Toluene	108-88-3	0.01	J	0.006	mg/kg	25
02178	Ethylbenzene	100-41-4	0.007	J	0.006	mg/kg	25
02182	Total Xylenes	1330-20-7	0.03	J	0.02	mg/kg	25
02199	MTBE	1634-04-4	N.D.		0.06	mg/kg	25
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	13.		0.6	ug/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.		1.	ug/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.		1.	ug/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.		1.	ug/kg	1
02020	t-Butyl alcohol	75-65-0	2,100.		110.	ug/kg	4.95
05461	1,2-Dichloroethane	107-06-2	N.D.		1.	ug/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.		1.	ug/kg	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05551	TPH-GRO (Soils)	TPH GRO SW-846 8015B mod	1	08/15/2007 19:12	Linda C Pape	25
00111	Moisture	SM20 2540 G	1	08/15/2007 17:34	Scott W Freisher	1
02160	BTEX/MTBE	SW-846 8021B	1	08/15/2007 19:12	Linda C Pape	25

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Analysis Report

Lancaster Laboratories Sample No. SW 5126107

DP-1 @ 10.5' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:00 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

HerSchy Environmental Inc.
40470 Live Oak Drive
P.O. Box 229
Bass Lake CA 93604

10DP1

07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	08/20/2007 05:52	Holly Berry	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	08/20/2007 07:31	Holly Berry	4.95
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	08/18/2007 07:56	Stephanie A Selis	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/13/2007 10:42	Larry E Bevins	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 5126108

DP-1 @ 14' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:05 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

HerSchy Environmental Inc.
40470 Live Oak Drive
P.O. Box 229
Bass Lake CA 93604

D1-14

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
05551	TPH-GRO (Soils)	n.a.	1.5		0.2	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised.						
00111	Moisture	n.a.	17.1		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02160	BTEX/MTBE						
02174	Benzene	71-43-2	N.D.		0.006	mg/kg	25
02177	Toluene	108-88-3	0.01	J	0.006	mg/kg	25
02178	Ethylbenzene	100-41-4	0.01	J	0.006	mg/kg	25
02182	Total Xylenes	1330-20-7	0.05	J	0.02	mg/kg	25
02199	MTBE	1634-04-4	2.5		0.1	mg/kg	50
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	1,200.		76.	ug/kg	125.63
02017	di-Isopropyl ether	108-20-3	N.D.		1.	ug/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.		1.	ug/kg	1
02019	t-Amyl methyl ether	994-05-8	120.		1.	ug/kg	1
02020	t-Butyl alcohol	75-65-0	3,700.	J	3,000.	ug/kg	125.63
05461	1,2-Dichloroethane	107-06-2	N.D.		1.	ug/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.		1.	ug/kg	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05551	TPH-GRO (Soils)	TPH GRO SW-846 8015B mod	1	08/15/2007 19:48	Linda C Pape	25
00111	Moisture	SM20 2540 G	1	08/15/2007 17:34	Scott W Freisher	1
02160	BTEX/MTBE	SW-846 8021B	1	08/15/2007 19:48	Linda C Pape	25

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Analysis Report

Lancaster Laboratories Sample No. SW 5126108

DP-1 @ 14' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:05 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

HerSchy Environmental Inc.
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Bass Lake CA 93604

D1-14

02160	BTEX/MTBE	SW-846 8021B	1	08/16/2007 03:38	Linda C Pape	50
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	08/20/2007 06:15	Holly Berry	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	08/20/2007 19:11	Angela D Sneeringer	125.63
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	08/18/2007 07:57	Stephanie A Selis	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	08/20/2007 10:43	Angela D Sneeringer	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/13/2007 10:46	Larry E Bevins	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 5126109

DP-2 @ 5' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:15 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

HerSchy Environmental Inc.
40470 Live Oak Drive
P.O. Box 229
Bass Lake CA 93604

5DP2-

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
05551	TPH-GRO (Soils)	n.a.	530.		10.	mg/kg	1000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised.						
00111	Moisture	n.a.	23.0		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02160	BTEX/MTBE						
02174	Benzene	71-43-2	2.6		0.3	mg/kg	1000
02177	Toluene	108-88-3	2.9		0.3	mg/kg	1000
02178	Ethylbenzene	100-41-4	13.		0.3	mg/kg	1000
02182	Total Xylenes	1330-20-7	66.		0.8	mg/kg	1000
02199	MTBE	1634-04-4	3.5	J	2.6	mg/kg	1000
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	1,300.		82.	ug/kg	125.94
02017	di-Isopropyl ether	108-20-3	N.D.		160.	ug/kg	125.94
02018	Ethyl t-butyl ether	637-92-3	N.D.		160.	ug/kg	125.94
02019	t-Amyl methyl ether	994-05-8	N.D.		160.	ug/kg	125.94
02020	t-Butyl alcohol	75-65-0	N.D.		3,300.	ug/kg	125.94
05461	1,2-Dichloroethane	107-06-2	N.D.		160.	ug/kg	125.94
05471	1,2-Dibromoethane	106-93-4	N.D.		160.	ug/kg	125.94

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05551	TPH-GRO (Soils)	TPH GRO SW-846 8015B mod	1	08/16/2007 06:02	Linda C Pape	1000
00111	Moisture	SM20 2540 G	1	08/15/2007 17:34	Scott W Freisher	1
02160	BTEX/MTBE	SW-846 8021B	1	08/16/2007 06:02	Linda C Pape	1000

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Analysis Report

Lancaster Laboratories Sample No. SW 5126109

DP-2 @ 5' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:15 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

HerSchy Environmental Inc.
40470 Live Oak Drive
P.O. Box 229
Bass Lake CA 93604

5DP2-

07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	08/15/2007 11:11	Stephanie A Selis	125.94
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	08/14/2007 11:54	Kerri E Koch	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/13/2007 10:52	Larry E Bevins	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5126110

DP-2 @ 8.5' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:20 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

HerSchy Environmental Inc.
40470 Live Oak Drive
P.O. Box 229
Bass Lake CA 93604

8DP2-

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
05551	TPH-GRO (Soils)	n.a.	680.		50.	mg/kg	5000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised.						
00111	Moisture	n.a.	19.8		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02160	BTEX/MTBE						
02174	Benzene	71-43-2	N.D.		5.0	mg/kg	5000
02177	Toluene	108-88-3	3.2	J	1.2	mg/kg	5000
02178	Ethylbenzene	100-41-4	14.		1.2	mg/kg	5000
02182	Total Xylenes	1330-20-7	65.		3.7	mg/kg	5000
02199	MTBE	1634-04-4	N.D.		12.	mg/kg	5000
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	1,100.		78.	ug/kg	124.69
02017	di-Isopropyl ether	108-20-3	N.D.		160.	ug/kg	124.69
02018	Ethyl t-butyl ether	637-92-3	N.D.		160.	ug/kg	124.69
02019	t-Amyl methyl ether	994-05-8	N.D.		160.	ug/kg	124.69
02020	t-Butyl alcohol	75-65-0	N.D.		3,100.	ug/kg	124.69
05461	1,2-Dichloroethane	107-06-2	N.D.		160.	ug/kg	124.69
05471	1,2-Dibromoethane	106-93-4	N.D.		160.	ug/kg	124.69

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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05551	TPH-GRO (Soils)	TPH GRO SW-846 8015B mod	1	08/15/2007 21:00	Linda C Pape	5000
00111	Moisture	SM20 2540 G	1	08/15/2007 17:34	Scott W Freisher	1
02160	BTEX/MTBE	SW-846 8021B	1	08/15/2007 21:00	Linda C Pape	5000

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Analysis Report

Lancaster Laboratories Sample No. SW 5126110

DP-2 @ 8.5' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:20 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

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8DP2-

07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	08/15/2007 11:57	Stephanie A Selis	124.69
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	08/14/2007 11:57	Kerri E Koch	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/13/2007 10:56	Larry E Bevins	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 5126111

DP-2 @ 15.5' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:23 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

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15DP2

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05551	TPH-GRO (Soils)	n.a.	2.4	0.3	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised.					
00111	Moisture	n.a.	20.6	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.006	mg/kg	25
02177	Toluene	108-88-3	N.D.	0.006	mg/kg	25
02178	Ethylbenzene	100-41-4	N.D.	0.006	mg/kg	25
02182	Total Xylenes	1330-20-7	N.D.	0.02	mg/kg	25
02199	MTBE	1634-04-4	6.9	0.3	mg/kg	100
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	1,700.	78.	ug/kg	124.38
02017	di-Isopropyl ether	108-20-3	N.D.	6.	ug/kg	4.95
02018	Ethyl t-butyl ether	637-92-3	N.D.	6.	ug/kg	4.95
02019	t-Amyl methyl ether	994-05-8	190.	6.	ug/kg	4.95
02020	t-Butyl alcohol	75-65-0	830.	120.	ug/kg	4.95
05461	1,2-Dichloroethane	107-06-2	N.D.	6.	ug/kg	4.95
05471	1,2-Dibromoethane	106-93-4	N.D.	6.	ug/kg	4.95

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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05551	TPH-GRO (Soils)	TPH GRO SW-846 8015B mod	1	08/15/2007 21:36	Linda C Pape	25
00111	Moisture	SM20 2540 G	1	08/15/2007 17:34	Scott W Freisher	1
02160	BTEX/MTBE	SW-846 8021B	1	08/15/2007 21:36	Linda C Pape	25

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Analysis Report

Lancaster Laboratories Sample No. SW 5126111

DP-2 @ 15.5' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:23 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

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15DP2

02160	BTEX/MTBE	SW-846 8021B	1	08/16/2007 14:17	Linda C Pape	100
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	08/20/2007 07:54	Holly Berry	4.95
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	08/20/2007 19:33	Angela D Sneeringer	124.38
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	08/20/2007 07:12	Holly Berry	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	08/20/2007 10:45	Angela D Sneeringer	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/13/2007 10:59	Larry E Bevins	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 5126112

DP-3 @ 5' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:50 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

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5DP3-

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
05551	TPH-GRO (Soils)	n.a.	130.		1.9	mg/kg	200
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised.						
00111	Moisture	n.a.	14.5		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02160	BTEX/MTBE						
02174	Benzene	71-43-2	0.1	J	0.05	mg/kg	200
02177	Toluene	108-88-3	1.		0.05	mg/kg	200
02178	Ethylbenzene	100-41-4	1.5		0.05	mg/kg	200
02182	Total Xylenes	1330-20-7	8.7		0.1	mg/kg	200
02199	MTBE	1634-04-4	N.D.		0.5	mg/kg	200
	Due to the nature of the sample matrix, normal reporting limits were not attained.						
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		73.	ug/kg	124.07
02017	di-Isopropyl ether	108-20-3	N.D.		150.	ug/kg	124.07
02018	Ethyl t-butyl ether	637-92-3	N.D.		150.	ug/kg	124.07
02019	t-Amyl methyl ether	994-05-8	N.D.		150.	ug/kg	124.07
02020	t-Butyl alcohol	75-65-0	N.D.		2,900.	ug/kg	124.07
05461	1,2-Dichloroethane	107-06-2	N.D.		150.	ug/kg	124.07
05471	1,2-Dibromoethane	106-93-4	N.D.		150.	ug/kg	124.07
	The GC/MS volatile analysis was performed according to the high level soil method due to the level of non-target compounds. Therefore, the reporting limits were raised.						

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Analysis Report

Lancaster Laboratories Sample No. SW 5126112

DP-3 @ 5' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:50 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

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5DP3-

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05551	TPH-GRO (Soils)	TPH GRO SW-846 8015B mod	1	08/16/2007 04:50	Linda C Pape	200
00111	Moisture	SM20 2540 G	1	08/15/2007 17:34	Scott W Freisher	1
02160	BTEX/MTBE	SW-846 8021B	1	08/16/2007 04:50	Linda C Pape	200
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	08/15/2007 15:55	Angela D Sneeringer	124.07
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	08/14/2007 12:00	Kerri E Koch	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/13/2007 11:16	Larry E Bevins	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 5126113

DP-3 @ 8' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:55 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

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8DP3-

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
05551	TPH-GRO (Soils)	n.a.	880.		9.6	mg/kg	1000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised.						
00111	Moisture	n.a.	16.4		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02160	BTEX/MTBE						
02174	Benzene	71-43-2	1.7		0.2	mg/kg	1000
02177	Toluene	108-88-3	14.		0.2	mg/kg	1000
02178	Ethylbenzene	100-41-4	14.		0.2	mg/kg	1000
02182	Total Xylenes	1330-20-7	63.		0.7	mg/kg	1000
02199	MTBE	1634-04-4	4.4	J	2.4	mg/kg	1000
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		75.	ug/kg	125
02017	di-Isopropyl ether	108-20-3	N.D.		150.	ug/kg	125
02018	Ethyl t-butyl ether	637-92-3	N.D.		150.	ug/kg	125
02019	t-Amyl methyl ether	994-05-8	N.D.		150.	ug/kg	125
02020	t-Butyl alcohol	75-65-0	N.D.		3,000.	ug/kg	125
05461	1,2-Dichloroethane	107-06-2	N.D.		150.	ug/kg	125
05471	1,2-Dibromoethane	106-93-4	N.D.		150.	ug/kg	125
	The GC/MS volatile analysis was performed according to the high level soil method due to the level of non-target compounds. Therefore, the reporting limits were raised.						

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Lancaster Laboratories Sample No. SW 5126113

DP-3 @ 8' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:55 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

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8DP3-

05551	TPH-GRO (Soils)	TPH GRO SW-846 8015B mod	1	08/16/2007 14:53	Linda C Pape	1000
00111	Moisture	SM20 2540 G	1	08/15/2007 17:34	Scott W Freisher	1
02160	BTEX/MTBE	SW-846 8021B	1	08/16/2007 14:53	Linda C Pape	1000
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	08/15/2007 10:49	Stephanie A Selis	125
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	08/14/2007 12:04	Kerri E Koch	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/13/2007 11:19	Larry E Bevins	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 5126114

DP-3 @ 12' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:58 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

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12DP3

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
05551	TPH-GRO (Soils)	n.a.	19.		0.2	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised.						
00111	Moisture	n.a.	15.6		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02160	BTEX/MTBE						
02174	Benzene	71-43-2	0.1		0.006	mg/kg	25
02177	Toluene	108-88-3	2.2		0.006	mg/kg	25
02178	Ethylbenzene	100-41-4	0.8		0.006	mg/kg	25
02182	Total Xylenes	1330-20-7	3.7		0.02	mg/kg	25
02199	MTBE	1634-04-4	N.D.		0.06	mg/kg	25
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	18.	J	3.	ug/kg	4.95
02017	di-Isopropyl ether	108-20-3	N.D.		6.	ug/kg	4.95
02018	Ethyl t-butyl ether	637-92-3	N.D.		6.	ug/kg	4.95
02019	t-Amyl methyl ether	994-05-8	N.D.		6.	ug/kg	4.95
02020	t-Butyl alcohol	75-65-0	N.D.		120.	ug/kg	4.95
05461	1,2-Dichloroethane	107-06-2	N.D.		6.	ug/kg	4.95
05471	1,2-Dibromoethane	106-93-4	N.D.		6.	ug/kg	4.95
	The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.						

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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05551	TPH-GRO (Soils)	TPH GRO SW-846 8015B mod	1	08/16/2007 15:29	Linda C Pape	25

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Analysis Report

Lancaster Laboratories Sample No. SW 5126114

DP-3 @ 12' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 09:58 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

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12DP3

00111	Moisture	SM20 2540 G	1	08/15/2007 17:34	Scott W Freisher	1
02160	BTEX/MTBE	SW-846 8021B	1	08/16/2007 15:29	Linda C Pape	25
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	08/20/2007 12:50	Nicholas R Rossi	4.95
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	08/18/2007 00:33	Stephanie A Selis	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/13/2007 11:24	Larry E Bevins	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 5126115

DP-3 @ 16' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 10:00 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

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16DP3

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
05551	TPH-GRO (Soils)	n.a.	0.8	J	0.2	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised.						
00111	Moisture	n.a.	16.6		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02160	BTEX/MTBE						
02174	Benzene	71-43-2	0.01	J	0.006	mg/kg	25
02177	Toluene	108-88-3	0.1		0.006	mg/kg	25
02178	Ethylbenzene	100-41-4	0.02	J	0.006	mg/kg	25
02182	Total Xylenes	1330-20-7	0.07		0.02	mg/kg	25
02199	MTBE	1634-04-4	N.D.		0.06	mg/kg	25
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	6.	J	0.6	ug/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.		1.	ug/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.		1.	ug/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.		1.	ug/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.		24.	ug/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.		1.	ug/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.		1.	ug/kg	1.01

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05551	TPH-GRO (Soils)	TPH GRO SW-846 8015B mod	1	08/16/2007 00:01	Linda C Pape	25
00111	Moisture	SM20 2540 G	1	08/15/2007 17:34	Scott W Freisher	1
02160	BTEX/MTBE	SW-846 8021B	1	08/16/2007 00:01	Linda C Pape	25

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Analysis Report

Lancaster Laboratories Sample No. SW 5126115

DP-3 @ 16' Grab Soil Sample
Alaska Gas

Collected:08/09/2007 10:00 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

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16DP3

07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	08/20/2007 05:06	Holly Berry	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	08/18/2007 07:07	Stephanie A Selis	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/13/2007 11:28	Larry E Bevins	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 5126116

GW-2 Grab Water Sample
Alaska Gas

Collected:08/09/2007 09:30 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

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P.O. Box 229
Bass Lake CA 93604

GW002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	64.	1.0	ug/l	5
00777	Toluene	108-88-3	24.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	72.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	300.	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	38,000.	30.	ug/l	100
	The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.					
08229	TPH-GRO - CA					
05554	TPH-GRO	n.a.	47,000.	2,000.	ug/l	100
	The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.					
01595	5 Oxygenates+EDC+EDB+ETOH					
02010	Methyl Tertiary Butyl Ether	1634-04-4	40,000.	50.	ug/l	100
02011	di-Isopropyl ether	108-20-3	N.D.	5.	ug/l	10
02013	Ethyl t-butyl ether	637-92-3	N.D.	5.	ug/l	10
02014	t-Amyl methyl ether	994-05-8	1,300.	5.	ug/l	10
02015	t-Butyl alcohol	75-65-0	78,000.	200.	ug/l	100
05402	1,2-Dichloroethane	107-06-2	N.D.	5.	ug/l	10
05412	1,2-Dibromoethane	106-93-4	N.D.	5.	ug/l	10

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Analysis Report

Lancaster Laboratories Sample No. WW 5126116

GW-2 Grab Water Sample
Alaska Gas

Collected:08/09/2007 09:30 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

HerSchy Environmental Inc.
40470 Live Oak Drive
P.O. Box 229
Bass Lake CA 93604

GW002

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/13/2007 17:01	Martha L Seidel	100
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/14/2007 04:47	Martha L Seidel	5
08229	TPH-GRO - CA	TPH GRO SW-846 8015B mod	1	08/13/2007 17:01	Martha L Seidel	100
01595	5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/22/2007 02:14	Kelly E Brickley	10
01595	5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/22/2007 02:41	Kelly E Brickley	100
01146	GC VOA Water Prep	SW-846 5030B	1	08/13/2007 17:01	Martha L Seidel	100
01146	GC VOA Water Prep	SW-846 5030B	2	08/14/2007 04:47	Martha L Seidel	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/22/2007 02:14	Kelly E Brickley	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	08/22/2007 02:41	Kelly E Brickley	100

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5126117

GW-1 Grab Water Sample
Alaska Gas

Collected:08/09/2007 11:15 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

HerSchy Environmental Inc.
40470 Live Oak Drive
P.O. Box 229
Bass Lake CA 93604

GW-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	190.	1.0	ug/l	5
00777	Toluene	108-88-3	410.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	200.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	910.	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	24,000.	30.	ug/l	100
	The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 4 for one vial and pH = 3 for the second vial.					
08229	TPH-GRO - CA					
05554	TPH-GRO	n.a.	31,000.	2,000.	ug/l	100
	The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 3.					
01595	5 Oxygenates+EDC+EDB+ETOH					
02010	Methyl Tertiary Butyl Ether	1634-04-4	32,000.	50.	ug/l	100
02011	di-Isopropyl ether	108-20-3	N.D.	5.	ug/l	10
02013	Ethyl t-butyl ether	637-92-3	N.D.	5.	ug/l	10
02014	t-Amyl methyl ether	994-05-8	1,600.	5.	ug/l	10
02015	t-Butyl alcohol	75-65-0	32,000.	200.	ug/l	100
05402	1,2-Dichloroethane	107-06-2	N.D.	5.	ug/l	10
05412	1,2-Dibromoethane	106-93-4	N.D.	5.	ug/l	10

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories Sample No. WW 5126117

GW-1 Grab Water Sample
Alaska Gas

Collected:08/09/2007 11:15 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
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HerSchy Environmental Inc.
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Bass Lake CA 93604

GW-01

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/13/2007 17:22	Martha L Seidel	100
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/14/2007 05:50	Martha L Seidel	5
08229	TPH-GRO - CA	TPH GRO SW-846 8015B mod	1	08/13/2007 17:22	Martha L Seidel	100
01595	5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/22/2007 03:07	Kelly E Brickley	10
01595	5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/22/2007 03:34	Kelly E Brickley	100
01146	GC VOA Water Prep	SW-846 5030B	1	08/13/2007 17:22	Martha L Seidel	100
01146	GC VOA Water Prep	SW-846 5030B	2	08/14/2007 05:50	Martha L Seidel	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/22/2007 03:07	Kelly E Brickley	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	08/22/2007 03:34	Kelly E Brickley	100

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Analysis Report

Lancaster Laboratories Sample No. WW 5126118

GW-3 Grab Water Sample
Alaska Gas

Collected: 08/09/2007 13:55 by RR

Account Number: 12226

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

HerSchy Environmental Inc.
40470 Live Oak Drive
P.O. Box 229
Bass Lake CA 93604

GW003

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08214	BTEX, MTBE (8021)						
00776	Benzene	71-43-2	1,000.		20.	ug/l	100
00777	Toluene	108-88-3	10,000.		20.	ug/l	100
00778	Ethylbenzene	100-41-4	2,500.		20.	ug/l	100
00779	Total Xylenes	1330-20-7	11,000.		60.	ug/l	100
00780	Methyl tert-Butyl Ether	1634-04-4	150.		30.	ug/l	100
08229	TPH-GRO - CA						
05554	TPH-GRO	n.a.	59,000.		2,000.	ug/l	100
01595	5 Oxygenates+EDC+EDB+ETOH						
02010	Methyl Tertiary Butyl Ether	1634-04-4	74.		10.	ug/l	20
02011	di-Isopropyl ether	108-20-3	N.D.		10.	ug/l	20
02013	Ethyl t-butyl ether	637-92-3	N.D.		10.	ug/l	20
02014	t-Amyl methyl ether	994-05-8	N.D.		10.	ug/l	20
02015	t-Butyl alcohol	75-65-0	48.	J	40.	ug/l	20
05402	1,2-Dichloroethane	107-06-2	N.D.		10.	ug/l	20
05412	1,2-Dibromoethane	106-93-4	N.D.		10.	ug/l	20

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/13/2007 17:43	Martha L Seidel	100
08229	TPH-GRO - CA	TPH GRO SW-846 8015B mod	1	08/13/2007 17:43	Martha L Seidel	100
01595	5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/22/2007 04:00	Kelly E Brickley	20
01146	GC VOA Water Prep	SW-846 5030B	1	08/13/2007 17:43	Martha L Seidel	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/22/2007 04:00	Kelly E Brickley	20

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5126118

GW-3 Grab Water Sample
Alaska Gas

Collected:08/09/2007 13:55 by RR

Submitted: 08/11/2007 10:15
Reported: 08/24/2007 at 11:17
Discard: 09/08/2007

GW003

Account Number: 12226

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Analysis Report

Quality Control Summary

Client Name: HerSchy Environmental Inc. Group Number: 1051120
Reported: 08/24/07 at 11:17 AM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 07225A54A	Sample number(s): 5126116-5126118							
Benzene	N.D.	0.20	ug/l	104	109	86-119	5	30
Toluene	N.D.	0.20	ug/l	106	111	82-119	4	30
Ethylbenzene	N.D.	0.20	ug/l	105	111	81-119	6	30
Total Xylenes	N.D.	0.6	ug/l	108	114	82-120	6	30
Methyl tert-Butyl Ether	N.D.	0.30	ug/l	100	111	82-124	10	30
TPH-GRO	N.D.	20.	ug/l	107	106	75-135	0	30
Batch number: 07227820005A	Sample number(s): 5126106-5126113							
Moisture				100		99-101		
Batch number: 07227820005B	Sample number(s): 5126114-5126115							
Moisture				100		99-101		
Batch number: 07227A31A	Sample number(s): 5126106-5126112,5126115							
Benzene	N.D.	0.005	mg/kg	90		76-118		
Toluene	N.D.	0.005	mg/kg	84		72-115		
Ethylbenzene	N.D.	0.005	mg/kg	87		77-115		
Total Xylenes	N.D.	0.02	mg/kg	88		78-115		
MTBE	N.D.	0.05	mg/kg	81		71-118		
TPH-GRO (Soils)	N.D.	0.2	mg/kg	94		67-119		
Batch number: 07227A31B	Sample number(s): 5126111,5126113-5126114							
Benzene	N.D.	0.005	mg/kg	90		76-118		
Toluene	N.D.	0.005	mg/kg	84		72-115		
Ethylbenzene	N.D.	0.005	mg/kg	87		77-115		
Total Xylenes	N.D.	0.02	mg/kg	88		78-115		
MTBE	N.D.	0.05	mg/kg	81		71-118		
TPH-GRO (Soils)	N.D.	0.2	mg/kg	94		67-119		
Batch number: B072321AB	Sample number(s): 5126107-5126108,5126111,5126114-5126115							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	96		72-117		
di-Isopropyl ether	N.D.	1.	ug/kg	94		72-120		
Ethyl t-butyl ether	N.D.	1.	ug/kg	93		72-115		
t-Amyl methyl ether	N.D.	1.	ug/kg	93		73-116		
t-Butyl alcohol	N.D.	20.	ug/kg	97		59-154		
1,2-Dichloroethane	N.D.	1.	ug/kg	96		76-126		
1,2-Dibromoethane	N.D.	1.	ug/kg	102		77-114		
Batch number: P072334AA	Sample number(s): 5126116-5126118							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	97	98	73-119	1	30
di-Isopropyl ether	N.D.	0.5	ug/l	97	97	70-123	0	30
Ethyl t-butyl ether	N.D.	0.5	ug/l	97	97	74-120	0	30
t-Amyl methyl ether	N.D.	0.5	ug/l	101	98	79-113	3	30
t-Butyl alcohol	N.D.	2.	ug/l	105	104	74-117	1	30
1,2-Dichloroethane	N.D.	0.5	ug/l	94	93	69-135	1	30
1,2-Dibromoethane	N.D.	0.5	ug/l	104	103	81-114	0	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: HerSchy Environmental Inc. Group Number: 1051120
Reported: 08/24/07 at 11:17 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: R072251AB	Sample number(s): 5126109-5126110,5126113							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	89		72-117		
di-Isopropyl ether	N.D.	130.	ug/kg	92		72-120		
Ethyl t-butyl ether	N.D.	130.	ug/kg	88		72-115		
t-Amyl methyl ether	N.D.	130.	ug/kg	91		73-116		
t-Butyl alcohol	N.D.	2,500.	ug/kg	100		52-153		
1,2-Dichloroethane	N.D.	130.	ug/kg	98		76-126		
1,2-Dibromoethane	N.D.	130.	ug/kg	104		77-114		
Batch number: R072251AC	Sample number(s): 5126112							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	89		72-117		
di-Isopropyl ether	N.D.	130.	ug/kg	92		72-120		
Ethyl t-butyl ether	N.D.	130.	ug/kg	88		72-115		
t-Amyl methyl ether	N.D.	130.	ug/kg	91		73-116		
t-Butyl alcohol	N.D.	2,500.	ug/kg	100		52-153		
1,2-Dichloroethane	N.D.	130.	ug/kg	98		76-126		
1,2-Dibromoethane	N.D.	130.	ug/kg	104		77-114		
Batch number: R072292AC	Sample number(s): 5126106,5126108,5126111							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	91		72-117		
di-Isopropyl ether	N.D.	130.	ug/kg	93		72-120		
Ethyl t-butyl ether	N.D.	130.	ug/kg	90		72-115		
t-Amyl methyl ether	N.D.	130.	ug/kg	93		73-116		
t-Butyl alcohol	N.D.	2,500.	ug/kg	103		52-153		
1,2-Dichloroethane	N.D.	130.	ug/kg	93		76-126		
1,2-Dibromoethane	N.D.	130.	ug/kg	104		77-114		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 07225A54A	Sample number(s): 5126116-5126118 UNSPK: P125536, P125537								
Benzene	82		78-131						
Toluene	93		78-129						
Ethylbenzene	100		75-133						
Total Xylenes	103		84-131						
Methyl tert-Butyl Ether	93		70-134						
TPH-GRO	96		63-154						
Batch number: 07227820005A	Sample number(s): 5126106-5126113 BKG: 5126108								
Moisture						17.1	16.7	2	15
Batch number: 07227820005B	Sample number(s): 5126114-5126115 BKG: 5126114								
Moisture						15.6	15.7	0	15
Batch number: 07227A31A	Sample number(s): 5126106-5126112,5126115 UNSPK: P121925								
Benzene	93	92	52-135	0	30				
Toluene	86	83	59-129	3	30				
Ethylbenzene	89	87	56-132	3	30				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: HerSchy Environmental Inc. Group Number: 1051120
Reported: 08/24/07 at 11:17 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Total Xylenes	90	88	54-134	2	30				
MTBE	84	86	52-141	2	30				
TPH-GRO (Soils)	72	82	39-118	12	30				
Batch number: 07227A31B	Sample number(s): 5126111,5126113-5126114 UNSPK: P121925								
Benzene	93	92	52-135	0	30				
Toluene	86	83	59-129	3	30				
Ethylbenzene	89	87	56-132	3	30				
Total Xylenes	90	88	54-134	2	30				
MTBE	84	86	52-141	2	30				
TPH-GRO (Soils)	72	82	39-118	12	30				
Batch number: B072321AB	Sample number(s): 5126107-5126108,5126111,5126114-5126115 UNSPK: P129992								
Methyl Tertiary Butyl Ether	84	90	59-119	8	30				
di-Isopropyl ether	79	78	58-113	0	30				
Ethyl t-butyl ether	83	81	60-112	1	30				
t-Amyl methyl ether	81	80	63-112	0	30				
t-Butyl alcohol	83	83	51-134	2	30				
1,2-Dichloroethane	88	87	62-130	0	30				
1,2-Dibromoethane	89	86	66-108	3	30				
Batch number: P072334AA	Sample number(s): 5126116-5126118 UNSPK: P126905								
Methyl Tertiary Butyl Ether	103		69-127						
di-Isopropyl ether	105		68-129						
Ethyl t-butyl ether	103		78-119						
t-Amyl methyl ether	104		72-125						
t-Butyl alcohol	107		70-121						
1,2-Dichloroethane	101		70-143						
1,2-Dibromoethane	109		78-120						
Batch number: R072251AB	Sample number(s): 5126109-5126110,5126113 UNSPK: P124502								
Methyl Tertiary Butyl Ether	90	93	47-130	3	30				
di-Isopropyl ether	91	95	58-113	3	30				
Ethyl t-butyl ether	89	94	60-112	5	30				
t-Amyl methyl ether	91	95	63-112	4	30				
t-Butyl alcohol	93	98	51-134	6	30				
1,2-Dichloroethane	94	95	62-130	1	30				
1,2-Dibromoethane	101	106	66-108	4	30				
Batch number: R072251AC	Sample number(s): 5126112 UNSPK: P124502								
Methyl Tertiary Butyl Ether	90	93	47-130	3	30				
di-Isopropyl ether	91	95	58-113	3	30				
Ethyl t-butyl ether	89	94	60-112	5	30				
t-Amyl methyl ether	91	95	63-112	4	30				
t-Butyl alcohol	93	98	51-134	6	30				
1,2-Dichloroethane	94	95	62-130	1	30				
1,2-Dibromoethane	101	106	66-108	4	30				
Batch number: R072292AC	Sample number(s): 5126106,5126108,5126111 UNSPK: P129090								
Methyl Tertiary Butyl Ether	87	87	47-130	0	30				
di-Isopropyl ether	91	87	58-113	4	30				
Ethyl t-butyl ether	87	87	60-112	0	30				
t-Amyl methyl ether	90	89	63-112	2	30				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: HerSchy Environmental Inc. Group Number: 1051120
Reported: 08/24/07 at 11:17 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
t-Butyl alcohol	101	100	51-134	2	30				
1,2-Dichloroethane	90	85	62-130	6	30				
1,2-Dibromoethane	105	101	66-108	5	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: BTEX, MTBE (8021)
Batch number: 07225A54A

	Trifluorotoluene-P	Trifluorotoluene-F
5126116	103	90
5126117	100	91
5126118	91	90
Blank	92	88
LCS	91	92
LCSD	91	91
MS	91	90
Limits:	69-129	63-135

Analysis Name: BTEX/MTBE
Batch number: 07227A31A

	Trifluorotoluene-P	Trifluorotoluene-F
5126106	1*	6*
5126107	76	84
5126108	80	88
5126109	3*	14*
5126110	0*	3*
5126111	80	83
5126112	12*	24*
5126115	81	86
Blank	95	114
LCS	93	113
MS	87	92
MSD	81	105
Limits:	55-124	61-122

Analysis Name: BTEX/MTBE
Batch number: 07227A31B

	Trifluorotoluene-P	Trifluorotoluene-F
5126113	4*	30*
5126114	87	99
Blank	93	106
LCS	93	113

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Quality Control Summary

Client Name: HerSchy Environmental Inc. Group Number: 1051120
Reported: 08/24/07 at 11:17 AM

Surrogate Quality Control

MS	87	92
MSD	81	105
Limits:	55-124	61-122

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: B072321AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5126107	89	87	92	87
5126108	89	81	92	86
5126111	89	92	91	85
5126114	91	90	94	90
5126115	90	87	92	86
Blank	93	91	89	83
LCS	88	83	93	89
MS	90	92	96	87
MSD	92	88	95	87
Limits:	71-114	70-109	70-123	70-111

Analysis Name: 5 Oxygenates+EDC+EDB+ETOH
Batch number: P072334AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5126116	105	95	109	100
5126117	104	94	108	99
5126118	105	97	109	100
Blank	103	95	108	97
LCS	104	96	107	98
LCSD	104	96	108	99
MS	103	96	108	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: R072251AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5126109	92	98	104	98
5126110	91	96	101	98
5126113	91	95	102	98
Blank	89	91	97	89
LCS	96	99	103	100
MS	93	94	100	98
MSD	96	101	105	99
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: R072251AC

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5126112	92	93	101	95
Blank	95	99	103	94
LCS	96	99	103	100
MS	93	94	100	98
MSD	96	101	105	99

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: HerSchy Environmental Inc. Group Number: 1051120
Reported: 08/24/07 at 11:17 AM

Surrogate Quality Control

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: R072292AC

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Limits:	71-114	70-109	70-123	70-111
5126106	94	99	104	97
Blank	97	100	103	95
LCS	93	97	105	98
MS	94	103	103	97
MSD	87	93	99	93
Limits:	71-114	70-109	70-123	70-111

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. # 12226 Group# 1051120 Sample # 5126106-18

COC # 0116401

081007-07

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: HerSchy Environmental, Inc Acct. #:
Project Name/#: Alaska Gas PWSID #: —
Project Manager: Reijo Ratilainen P.O.#: —
Sampler: Reijo Ratilainen Quote #: —
Name of state where samples were collected: California

(2) (3) (4) (5)

For Lab Use Only
FSC:
SCR #:

(6)

Sample	Date	Time							TPHg (8015)	BTEX +MTBE (8021B)	5 oxys +2 (8260B)							Remarks
DP-1@6'	8/9/07	8:55	X		X			1	X	X	X							Analyses: TPHg
DP-1@10.5'		9:00																BTEX, MtBE, ETBE,
DP-1@14'		9:05																DIPE, TAME, TBA,
DP-2@5'		9:15																1,2-DCA, EDB
DP-2@8.5'		9:20																
DP-2@15.5'		9:23																temp 0.6-4.6°C
DP-3@5'		9:50																
DP-3@8'		9:55																
DP-3@12'		9:58																
DP-3@16'		10:00																

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: (559) 760-0037 Fax #:
E-mail address: ReijoRHerSchy@STI.net

(8) **Data Package Options** (please circle if required)
QC Summary Type VI (Raw Data)
Type I (Tier I) GLP
Type II (Tier II) Other
Type III (NJ Red. Del.)
Type IV (CLP)

SDG Complete? Yes No
Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/10/07	1645	[signature]	8/10/07	1615
[signature]	8/10/07	1630	DH	8-10-07	
			[signature]	8/11/07	1000

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.02

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 12226 Group# 1051120 Sample # 5126106-18

081007-06

COC # 0116400

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: HerSchy Environmental, Inc. Acct. #:
Project Name/#: Alaska Gas PWSID #: —
Project Manager: Reijo Ratilainen P.O.#: —
Sampler: Reijo Ratilainen Quote #: —
Name of state where samples were collected: California

(2) (3) (4) (5)

For Lab Use Only
FSC:
SCR #:

(6)

									TPHg (8015)	BTEX+MTBE (8021)	5 oxys+2 (8260b)							Remarks
GW-2	8/9/07	9:30a	X			X		6	X	X	X							Analyses: TPHg
GW-1	8/9/07	11:15a	X			X		4	X	X	X							BTEX, MtBE, EtBE,
GW-3	8/9/07	1:55p	X			X		4	X	X	X							DIPE, TAME, TBA
																		1,2-DCA, EDB
																		temp 0.6-4.6°C

(7) **Turnaround Time Requested** (TAT) (please circle): Normal (circled) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: (559) 760-0037 Fax #:
E-mail address: ReijoRHerSchy@STI.net

(8) **Data Package Options** (please circle if required)
QC Summary (circled) Type VI (Raw Data)
Type I (Tier I) (struck out) GLP
Type II (Tier II) Other
Type III (NJ Red. Del.)
Type IV (CLP)

SDG Complete? Yes (circled) No
Site-specific QC required? Yes No (circled)
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No (circled)

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/10/07	4:15	[signature]	8-10-07	1615
[signature]	8/10/07	1630	[signature]	8/10/07	
			[signature]	8/11/07	1005

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.02

WARRANTY AND LIMITS OF LIABILITY – In accepting analytical work, ...

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.