Satya Sinha
Project Manger
Marketing Business Unit

Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 842-9876
Fax (925) 842-8370
satyasinha@chevron.com

Mr. Jeff Carson
Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, California 94580

October 10, 2007

Subject: Former Chevron Service Station #9-0260
21995 Foothill Blvd
Hayward, California
Permit No. 007-03

Dear Mr. Carson:

During the current reporting period, the groundwater treatment and extraction system at the site referenced below operated in compliance with the conditions specified in the Oro Loma Sanitary District Wastewater Discharge Permit no. 007-03.

I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based upon my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Satya Sinha
Project Manager

CONESTOGA-ROVERS
& ASSOCIATES

5900 Hollis Street, Suite A, Emeryville, California 94608
Telephone: 510-420-0700 Facsimile: 510-420-9170
www.CRAworld.com

October 10, 2007

Mr. Jeff Carson
Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, California 94580

Re: **Monthly Discharge Report – September 2007**
Former Chevron Service Station #9-0260
21995 Foothill Blvd
Hayward, California
Permit No. 007-03

Dear Mr. Carson:

Conestoga-Rovers & Associates (CRA) prepared this document on behalf of Chevron Environmental Management Company (Chevron), in accordance with the requirements of the wastewater discharge permit. **During the current reporting period, the remediation system at the subject site operated in compliance with the conditions specified in the wastewater discharge permit.**

If you have any questions regarding the contents of this document, please call Matthew Lundberg at (510) 420-3346 or Casey Sanders at (916) 677-3407.

Sincerely,
Conestoga-Rovers & Associates

Casey Sanders

Enclosure: Monthly Discharge Report – September 2007

cc: Mr. Satya Sinha, ChevronTexaco Corporation, P.O. Box 6012, San Ramon, CA 94583

CONESTOGA-ROVERS
& ASSOCIATES

MONTHLY DISCHARGE REPORT – SEPTEMBER 2007

Reporting Period Data Summary

Compliance Sampling Frequency	Monthly
Initial Totalizer Reading	24,810 gallons
Final Totalizer Reading	44,300 gallons
Discharged Volume	19,490 gallons
Average Discharge Flow Rate	0.47 gallons per minute
Maximum Discharge Flow Rate	3.19 gallons per minute
Discharge Violations or Exceedances	None

Tables: 1 – Groundwater Extraction – System Analytical Data
2 – Groundwater Extraction – Operation and Mass Removal Data
3 – Groundwater Extraction – Effluent Compliance

Attachments: A – Laboratory Analytical Reports

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Table 1: Groundwater Extraction - System Analytical Data - Former Chevron Station # 9-0260, 21995 Foothill Blvd, Hayward, CA

	Influent			Midfluent 1			Effluent			
Sample Date	TPHg Conc. (µg/L)	Benzene Conc. (µg/L)	MTBE Conc. (µg/L)	TPHg Conc. (µg/L)	Benzene Conc. (µg/L)	MTBE Conc. (µg/L)	TPHg Conc. (µg/L)	Benzene Conc. (µg/L)	MTBE Conc. (µg/L)	pH
06/25/07	**34,000**	**2,000**	**92**	NA	NA	NA	< 50	< 0.5	< 0.5	7.17
07/17/07	**42,000**	**1,700**	**57**	< 50	< 0.5	< 0.5	< 50	< 0.5	< 0.5	7.1
07/26/07	**57,000**	**1,800**	**51**	< 50	< 0.5	< 0.5	< 50	< 0.5	< 0.5	NA
08/17/07	**65,000**	**2,800**	**74**	< 50	< 0.5	< 0.5	< 50	< 0.5	< 0.5	7.2
08/22/07	**44,000**	**2,100**	**56**	< 50	< 0.5	< 0.5	< 50	< 0.5	< 0.5	7.3
08/29/07	**43,000**	**2,000**	**53**	< 50	< 0.5	< 0.5	< 50	< 0.5	< 0.5	6.89
09/26/07	**42,000**	**1,800**	**33**	< 50	< 0.5	< 0.5	< 50	< 0.5	< 0.5	6.5

Abbreviations & Notes:

Conc. = Concentration

µg/L = Micrograms per liter

NA = Not analyzed

TPHg = Total purgeable hydrocarbons as gasoline, analyzed by EPA Method 8015B

pH analyzed by SM4500H+B

Benzene analyzed by EPA Method 8020

MTBE = Methyl tertiary butyl ether, analyzed by EPA Method 8260B

Table 2: Groundwater Extraction - Operation and Mass Removal Data - Former Chevron Station # 9-0260, 21995 Foothill Blvd, Hayward, CA

Site Visit (mm/dd/yy)	Hour Meter (hours)	Flow Meter Reading (gal)	Period Volume (gal)	Period Operational Flow Rate (gpm)	Cumulative Volume (gal)	TPHg Conc. (µg/L)	TPHg Period Removal (pounds)	TPHg Cumulative Removal (pounds)	Benzene Conc. (µg/L)	Benzene Period Removal (pounds)	Benzene Cumulative Removal (pounds)	MTBE Conc. (µg/L)	MTBE Period Removal (pounds)	MTBE Cumulative Removal (pounds)
06/25/07	0.0	211	0	0.00	0	34,000	0.000	0.000	2,000	0.000	0.000	92	0.000	0.000
07/16/07	0.0	211	0	0.00	0	NS	0.000	0.000	NS	0.000	0.000	NS	0.000	0.000
07/17/07 a	2.0	7,524	7,313	4.51	7,313	42,000	2.563	2.563	1,700	0.104	0.104	57	0.003	0.003
07/26/07	5.0	9,422	1,898	10.54	9,211	57,000	0.903	3.466	1,800	0.029	0.132	51	0.001	0.004
08/03/07	NA	10,947	1,525	0.13	10,736	NS	0.725	4.191	NS	0.023	0.155	NS	0.001	0.005
08/16/07	NA	12,100	1,153	0.06	11,889	NS	0.625	4.816	NS	0.027	0.182	NS	0.001	0.006
08/17/07	NA	15,500	3,400	2.36	15,289	65,000	1.844	6.660	2,800	0.079	0.262	74	0.002	0.008
08/22/07	NA	18,700	3,200	0.44	18,489	44,000	1.175	7.835	2,100	0.056	0.318	56	0.001	0.009
08/24/07	NA	22,800	4,100	1.42	22,589	NS	1.505	9.341	NS	0.072	0.389	NS	0.002	0.011
08/29/07	NA	24,810	2,010	0.28	24,599	43,000	0.721	10.062	2,000	0.034	0.423	53	0.001	0.012
09/18/07	NA	26,700	1,890	0.07	26,489	NS	0.662	10.724	NS	0.028	0.451	NS	0.001	0.013
09/21/07	NA	29,900	3,200	0.74	29,689	NS	1.121	11.846	NS	0.048	0.499	NS	0.001	0.013
09/26/07	NA	39,700	9,800	1.36	39,489	42,000	3.435	15.280	1,800	0.147	0.647	33	0.003	0.016
09/27/07	NA	44,300	4,600	3.19	44,089	NS	1.612	16.892	NS	0.069	0.716	NS	0.001	0.017
		Total Extracted Volume (gal):			**44,089**	**Pounds Removed:**		**16.892**	**Pounds Removed:**		**0.716**	**Pounds Removed:**		**0.017**
		Average Operational Flow Rate (gpm):			**0.71**	**Gallons Removed:**		**2.773**	**Gallons Removed:**		**0.097**	**Gallons Removed:**		**0.003**

Abbreviations & Notes:

TPHg = Total petroleum hydrocarbons as gasoline
MTBE = Methyl tertiary butyl ether
Conc. = Concentration
µg/L = Microgram per liter
L = Liter
gal = Gallon
gpm = Gallon per minute
g = Gram
NS = not sampled
NA = not analyzed
a = hour meter was reset after running for 25 hours after installation of new programmable logic controller
Mass removed based on the formula: volume extracted (gal) x Concentration (g/L) x (g/10^{6}µg) x (pound/453.6g) x (3.785 L/gal)
When constituents are not detected, the concentration is assumed to be equal to half the detection limit in subsequent calculations.
Volume removal data based on the formula: mass (pounds) x (density) (cc/g) x 453.6 (g/pound) x (L/1000 cc) x (gal/3.785 L)
Period operational flow rate based on the formula: (cumulative volume (gal)) / (current hour meter reading - last hour meter reading (hr)) / (60 (min/hr))
Density inputs: TPHg = 0.73 g/cc, Benzene = 0.88 g/cc, TBA = 0.78 g/cc, MTBE = 0.74 g/cc
TPHg analyzed by EPA Method 8015B; BTEX analyzed by EPA method 8020, and MTBE analyzed by EPA Method 8260B

Table 3: Groundwater Extraction - Effluent Compliance - Former Chevron Station # 9-0260, 21995 Foothill Blvd, Hayward, CA

	Effluent					
Sample Date	TPHg Conc. (µg/L)	Benzene Conc. (µg/L)	Toluene Conc. (µg/L)	Ethlybenzene Conc. (µg/L)	Xylenes Conc. (µg/L)	pH
06/25/07	< 50	< 0.5	< 0.5	< 0.5	< 0.5	7.17
07/17/07	< 50	< 0.5	< 0.5	< 0.5	<1.5	7.1
07/26/07	< 50	< 0.5	< 0.5	< 0.5	<1.5	NA
08/17/07	< 50	< 0.5	< 0.5	< 0.5	<1.5	7.2
08/22/07	< 50	< 0.5	< 0.5	< 0.5	<1.5	7.3
08/29/07	< 50	< 0.5	< 0.5	< 0.5	<1.5	6.89
09/26/07	< 50	< 0.5	< 0.5	< 0.5	<1.5	6.5
Limits (ug/L)	15,000	ND	ND	ND	ND	5.5<L<12.5

Abbreviations & Notes:

Conc. = Concentration
µg/L = Micrograms per liter
NA = Not analyzed
pH analyzed by SM4500H+B
TPHg = Total purgeable hydrocarbons as gasoline, analyzed by EPA Method 8015B
BTEX analyzed by EPA Method 8020
MTBE = Methyl tertiary butyl ether, analyzed by EPA Method 8260B

Attachment A

Laboratory Analytical Reports

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

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1058218. Samples arrived at the laboratory on Thursday, September 27, 2007. The PO# for this group is 0015014975 and the release number is SINHA.

Client Description	Lancaster Labs Number
INF-W-070926 Grab Water	5168486
MID-W-070926 Grab Water	5168487
EFF-W-070926 Grab Water	5168488

ELECTRONIC COPY TO	CRA	Attn: Charlotte Evans
ELECTRONIC COPY TO	CRA	Attn: Matthew Lundberg
ELECTRONIC COPY TO	CRA	Attn: Brian Wong

Lancaster Laboratories

Analysis Report

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

Questions? Contact your Client Services Representative
Angela M Miller at (717) 656-2300

Respectfully Submitted,

Susan M Goshert

Susan M. Goshert
Group Leader

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. WW 5168486

INF-W-070926 Grab Water
Facility# 90260 CETE
21995 Foothill-Hayward T0600100315 INF
Collected:09/26/2007 10:55 by RM

Account Number: 10880

Submitted: 09/27/2007 09:20
Reported: 09/28/2007 at 12:10
Discard: 10/29/2007

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	42,000.	1,000.	ug/l	20
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05879	BTEX					
02161	Benzene	71-43-2	1,800.	10.	ug/l	20
02164	Toluene	108-88-3	6,400.	10.	ug/l	20
02166	Ethylbenzene	100-41-4	1,400.	10.	ug/l	20
02171	Total Xylenes	1330-20-7	6,800.	30.	ug/l	20
02309	MTBE by GC/MS (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	33.	5.	ug/l	10

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

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
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	09/28/2007 01:16	K. Robert Caulfeild-James	20
05879	BTEX	SW-846 8021B	1	09/28/2007 01:16	K. Robert Caulfeild-James	20
02309	MTBE by GC/MS (water)	SW-846 8260B	1	09/28/2007 05:48	Michael A Ziegler	10
01146	GC VOA Water Prep	SW-846 5030B	1	09/28/2007 01:16	K. Robert Caulfeild-James	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2007 05:48	Michael A Ziegler	10

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. WW 5168487

MID-W-070926 Grab Water
Facility# 90260 CETE
21995 Foothill-Hayward T0600100315 MID
Collected:09/26/2007 10:51 by RM

Account Number: 10880

Submitted: 09/27/2007 09:20
Reported: 09/28/2007 at 12:10
Discard: 10/29/2007

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05879	BTEX					
02161	Benzene	71-43-2	N.D.	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02309	MTBE by GC/MS (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

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
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	09/28/2007 00:34	K. Robert Caulfeild-James	1
05879	BTEX	SW-846 8021B	1	09/28/2007 00:34	K. Robert Caulfeild-James	1
02309	MTBE by GC/MS (water)	SW-846 8260B	1	09/28/2007 06:12	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/28/2007 00:34	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2007 06:12	Michael A Ziegler	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5168488

EFF-W-070926 Grab Water
Facility# 90260 CETE
21995 Foothill-Hayward T0600100315 EFF
Collected:09/26/2007 10:48 by RM

Account Number: 10880

Submitted: 09/27/2007 09:20
Reported: 09/28/2007 at 12:10
Discard: 10/29/2007

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05879	BTEX					
02161	Benzene	71-43-2	N.D.	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02309	MTBE by GC/MS (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

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
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	09/28/2007 00:55	K. Robert Caulfeild-James	1
05879	BTEX	SW-846 8021B	1	09/28/2007 00:55	K. Robert Caulfeild-James	1
02309	MTBE by GC/MS (water)	SW-846 8260B	1	09/28/2007 06:37	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/28/2007 00:55	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2007 06:37	Michael A Ziegler	1

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

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 1058218
Reported: 09/28/07 at 12:10 PM

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: 07268A54C	Sample number(s): 5168486-5168488							
TPH-GRO - Waters	N.D.	50.	ug/l	99	104	75-135	5	30
Benzene	N.D.	0.5	ug/l	112	105	86-119	7	30
Toluene	N.D.	0.5	ug/l	114	108	82-119	6	30
Ethylbenzene	N.D.	0.5	ug/l	110	105	81-119	4	30
Total Xylenes	N.D.	1.5	ug/l	112	106	82-120	5	30
Batch number: Z072704AA	Sample number(s): 5168486-5168488							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	93		73-119		

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: 07268A54C	Sample number(s): 5168486-5168488 UNSPK: P164459, P164460								
TPH-GRO - Waters	122		63-154						
Benzene	53*		78-131						
Toluene	89		78-129						
Ethylbenzene	91		75-133						
Total Xylenes	87		84-131						
Batch number: Z072704AA	Sample number(s): 5168486-5168488 UNSPK: P161480								
Methyl Tertiary Butyl Ether	54*	53*	69-127	2	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: TPH-GRO - Waters
Batch number: 07268A54C

	Trifluorotoluene-F	Trifluorotoluene-P
5168486	94	100
5168487	80	97
5168488	83	98
Blank	84	96
LCS	92	96
LCSD	96	95

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

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 1058218
Reported: 09/28/07 at 12:10 PM

Surrogate Quality Control

MS	101	94		
Limits:	63-135	69-129		

Analysis Name: MTBE by GC/MS (water)
Batch number: Z072704AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5168486	87	91	103	98
5168487	88	92	102	96
5168488	88	92	101	96
Blank	87	90	100	96
LCS	87	95	102	98
MS	89	95	101	98
MSD	88	94	102	97
Limits:	80-116	77-113	80-113	78-113

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 10880 Group # 1058218 Sample #: 5168486-88

SCR#:

Facility #: 9-0260 M1L
Site Address: 21995 Foothill Blvd, Hayward, California
Chevron PM: Satya Sinha Lead Consultant: Conestoga-Rovers& Associates
Consultant/Office: CRA 5900 Hollis St., Ste A, Emeryville, CA 94608
Consultant Prj. Mgr.: Charlotte Evans
Consultant Phone #: 510-420-3351 Fax #: 510-420-9170
Sampler: Ryan Messinger
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ Must meet lowest detection limits possible for 8260 compounds

Comments / Remarks

Email results to:
mlundberg@craworld.com and cevans@craworld.com

email edf to:
chevronedf@craworld.com

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX by 8020	TPHg by 8015	Cyanide (EPA 335.4)	pH (EPA 150.1)	13 Prolifty Pollutant Metals (EPA 200)	(An, Ar, Be, Ca, Ch, Cu, Pb, M, Ni, Se, Si, Th, Z)	Total Phenols (EPA 420.1)	MTBE by 8260B					
INF	W		NA	07/09/26	1055	No	X		6	X	X						X					VOAs with HCl
MID	W		NA	07/09/26	1051	No	X		6	X	X						X					VOAS with HCl
EFF	W		NA	07/09/26	1048	No	X		6	X	X						X					VOAs with HCl

Turnaround Time Requested (TAT) (please circle)
24 hour 72 hour 48 hour
STD 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I – Full
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk

	Date	Time		Date	Time
Relinquished by: Ryan Messinger	09/26/07	1315	Received by: Fed Ex		
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other			Received by: Kathy Blinkoff	9-27-07	0920
Temperature Upon Receipt 3.0 C°			Custody Seals Intact? Yes No	N/A	

3460 Rev. 11/10/05

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.