Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Tuesday, July 12, 2016 1:23 PM
To: 'Hargrave, Morgan'
Cc: Horne, Mark (MarkHorne)
Subject: RE: ACEH Correspondence for RO137 (Chevron 90019, 210 Grand Ave, Oakland) - Outfall Sampling Issues

Morgan,
Thanks for the sampling update. To keep Chevron in compliance with directives I have extended the due date to August 19.
Should you need additional time for specific reasons such as this, please let me know.

Mark Detterman
Senior Hazardous Materials Specialist, PG, CEG
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
Direct: 510.567.6876
Fax: 510.337.9335
Email: mark.detterman@acgov.org

PDF copies of case files can be downloaded at:

http://www.acgov.org/aceh/lop/ust.htm

From: Hargrave, Morgan [mailto:Morgan.Hargrave@ghd.com]
Sent: Tuesday, July 12, 2016 12:38 PM
To: Detterman, Mark, Env. Health
Cc: Horne, Mark (MarkHorne)
Subject: RE: ACEH Correspondence for RO137 (Chevron 90019, 210 Grand Ave, Oakland) - Outfall Sampling Issues

Hi Mark,

Your latest letter for this site specified a groundwater report due date of July 15. However, the full laboratory report has not yet been made available for this site and we anticipate submitting the requested groundwater report by the end of the month.

In lieu of the final report, the preliminary lab data is attached for your review. Detected concentrations are in line with historical concentrations.

Thanks,
Morgan Hargrave

GHD
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WATER | ENERGY & RESOURCES | ENVIRONMENT | PROPERTY & BUILDINGS | TRANSPORTATION

From: Detterman, Mark, Env. Health [mailto:Mark.Detterman@acgov.org]
Sent: Wednesday, June 15, 2016 11:38 AM

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Analysis Report

Partial Report

Sample Description: QA-T-160615 NA Water
Facility# 90019 Job# 386500 GRD
210 Grand Ave-Oakland T0600100313

LL Sample # WW 8429296
LL Group # 1672792
Account # 10904

Project Name: 90019

Collected: 06/15/2016

Submitted: 06/16/2016 09:30
Reported: 07/12/2016 15:07

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GAOQA

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10945	Benzene	71-43-2	N.D.	0.5	1	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10945	Toluene	108-88-3	N.D.	0.5	1	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

Sample Comments

CA ELAP Lab Certification No. 2792

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D161722AA	06/20/2016 12:11	Brett W Kenyon	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16178B20A	06/27/2016 21:09	Marie D Beamenderfer	1

Sample Description: MW-5-W-160615 Grab Groundwater
Facility# 90019 Job# 386500 GRD
210 Grand Ave-Oakland T0600100313

LL Sample # WW 8429297
LL Group # 1672792
Account # 10904

Project Name: 90019

Collected: 06/15/2016 06:30 by AW

Submitted: 06/16/2016 09:30
Reported: 07/12/2016 15:07

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GAOM5

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10945	Benzene	71-43-2	700	3	5	5
10945	Ethylbenzene	100-41-4	980	3	5	5
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	3	5	5
10945	Toluene	108-88-3	410	3	5	5
10945	Xylene (Total)	1330-20-7	2,500	3	5	5

Reference ID:
1672792120716150648

*=This limit was used in the evaluation of the final result

Partial Report

Sample Description: MW-5-W-160615 Grab Groundwater
Facility# 90019 Job# 386500 GRD
210 Grand Ave-Oakland T0600100313

LL Sample # WW 8429297
LL Group # 1672792
Account # 10904

Project Name: 90019

Collected: 06/15/2016 06:30 by AW

Submitted: 06/16/2016 09:30
Reported: 07/12/2016 15:07

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GAOM5

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	18,000	250	500	5

Sample Comments

CA ELAP Lab Certification No. 2792

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D161722AA	06/20/2016 19:03	Brett W Kenyon	5
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16178B20A	06/28/2016 05:29	Marie D Beamenderfer	5

Chevron California Region Analysis Request/Chain of Custody

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~~06 15 16 AS 15JUN16~~ 06 15 16 - 04

Acct. # 10904 For Eurofins Lancaster Laboratories use only Group # 1672792 Sample # 8429296-97

Instructions on reverse side correspond with circled numbers.

(1) Client Information

Facility # SS#9-0019-OML G-R#386500 Global ID#T0600100313 WBS

Site Address 210 GRAND AVENUE, OAKLAND, CA

Chevron PM AF | Lead Consultant Hargrave

Consultant/Office Getter-Ryan Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568

Consultant Project Mgr. Deanna L. Harding, deanna@grinc.com

Consultant Phone # (925) 551-7444 x180

Sampler Alex Wong

SCR #: _____

- ☐ Results in Dry Weight
- ☐ J value reporting needed
- ☒ Must meet lowest detection limits possible for 8260 compounds
- ☐ 8021 MTBE Confirmation
- ☐ Confirm highest hit by 8260
- ☐ Confirm all hits by 8260
- ☐ Run _____ oxy's on highest hit
- ☐ Run _____ oxy's on all hits

(2) Sample Identification	Soil Depth	Collected Date	Collected Time	(3) Grab	(3) Composite	(4) Matrix: Soil	Sediment	Potable Water	Ground Water	NPDES	Surface Water	Air	Oil	Total Number of Containers	(5) Analyses Requested: 8260 BTEX + MTBE	8021	8260 TPH-GRO	8015	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead Method	Dissolved Lead Method
QA		6-15-16		X					X					2	X		X							
MW-5		↓	0630	X					X					6	X		X							

(6) Remarks

(7) Turnaround Time Requested (TAT) (please circle)

Standard | 5 day | 4 day | 72 hour | 48 hour | 24 hour | EDF/EDD

Relinquished by	Date	Time	Received by	Date	Time
	6-15-16	1315	A. Salazar	15JUN16	1315
A. Salazar	15JUN16	1636	FX		
Relinquished by Commercial Carrier: UPS _____ FedEx X Other _____			Kristi Abel	6/16/16	0930

(8) Data Package (circle if required)

Type I - Full

Type VI (Raw Data)

EDD (circle if required)

EDFFLAT (default)

Other: _____

Temperature Upon Receipt 1.5 °C

Custody Seals Intact? Yes No

(9)

Client: CA

210

Delivery and Receipt Information

Delivery Method:	BASC	Arrival Timestamp:	06/16/2016 9:30
Number of Packages:	4	Number of Projects:	10
State/Province of Origin:	CA		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	2
Paperwork Enclosed:	Yes	Trip Blank Type:	HCL
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Krista Abel (3058) at 12:04 on 06/16/2016

Samples Chilled Details: 210

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	1.6	DT	Wet	Y	Bagged	N
2	DT146	1.6	DT	Wet	Y	Bagged	N
3	DT146	1.5	DT	Wet	Y	Bagged	N
4	DT146	4.0	DT	Wet	Y	Bagged	N

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Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

<	less than
>	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 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. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods. Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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.

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Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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