ECM group

July 22, 2010

Bob Legallet
Telegraph Business Properties
1401 Griffith Street
San Francisco, CA 94124

Groundwater Monitoring Report
Second Quarter 2010
Telegraph Business Park
5427 Telegraph Avenue
Oakland, California
ECM Project #07-181-04

Dear Mr. Legallet:

This report provides the results of the semi-annual groundwater monitoring at Telegraph Business Park, 5427 Telegraph Avenue, Oakland, California (Figure 1, Appendix A). On June 9 and 13, 2010, ECM personnel visited the site. Groundwater elevations were measured and groundwater samples were collected from the five monitoring wells (MW-1 through MW-5). Well locations are shown on Figure 2 (Appendix A).

Depth to groundwater was measured in each of the five wells. Free-phase hydrocarbons were not measured or observed in any of the wells. Water level data and well construction details are tabulated in Table 1 (Appendix B). A groundwater elevation contour map is included as Figure 2 (Appendix A). Groundwater flow was to the west and southwest at an approximate gradient of 0.015 - 0.04 ft/ft.

The samples were forwarded under chain of custody record to Torrent Laboratory Inc., of Milpitas, California, for analysis. Analytical results for groundwater are presented in Tables 2 and 3 (Appendix B). The chain of custody document and laboratory analytical reports are included in Appendix C. Groundwater samples were collected in accordance with ECM Standard Operating Procedure - Groundwater Sampling (Appendix E). The water sampling data sheets are included in Appendix D. Purge water and decon rinseate are stored onsite in DOT-approved 50-gallon drums pending transportation and disposal at an appropriate disposal facility.

p.o. box 802, benicia, ca. 94510-0802 ≫ 707-751-0655 ≫ 707-751-0653 (fax)

Second Quarter 2010 Groundwater Monitoring Results:

In accordance with a guidance letter from Alameda County dated October 27, 2008, samples from site wells were analyzed for Stoddard solvent, Total Petroleum Hydrocarbons as Gasoline (TPH[G]), benzene, toluene, ethylbenzene and xylenes (BTEX), for the oxygenates MTBE, ETBE, DIPE, TAME, and TBA, and for the lead scavengers EDB and EDC.

Analytic results for wells MW-1 through MW-3 were consistent with previous results. Wells MW-4 and MW-5 were installed in April 2010 and were sampled for the first time.

Source Area Well: MW-2

Monitoring well MW-2 is located near the former site USTs. Concentrations of TPH(G) and Stoddard solvent in MW-2 (5,000 and 69,000 ppb respectively) were higher than for any other well. Benzene was also detected at 17 ppb. Other BTEX constituents were not detected in the sample. No oxygenates or lead scavengers were detected in the second quarter 2010 sample from well MW-2.

Upgradient Well: MW-1

Well MW-1 is located upgradient of the former site USTs. Stoddard solvent was detected in MW-1 at 410 ppb. TPH(G) was detected at a concentration of 610 ppb. BTEX constituents, oxygenates, and lead scavengers were not detected in the second quarter 2010 sample from well MW-1.

Downgradient Well: MW-3

Well MW-3 is located downgradient of the former site USTs. TPH(G) and Stoddard solvent were detected in well MW-3 at 3,100 ppb and 990 ppb, respectively. Benzene was also detected in the sample at 5.5 ppb. No other analytes were detected in the second quarter 2010 sample from well MW-3.

Offsite Downgradient Wells: MW-4 and MW-5

Wells MW-4 and MW-5 are located offsite and downgradient of the former USTs. These wells were installed in April 2010 and this was the first monitoring event for these wells. No analytes were detected in the second quarter 2010 samples from wells MW-4 and MW-5.

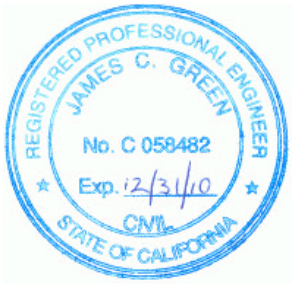
Planned Future Activities:

This site is currently scheduled for semi-annual monitoring. The next monitoring event is scheduled for December 2010.

Thank you for allowing ECM the opportunity to provide environmental services to you. Please contact us if you have questions or require additional information.

Sincerely,
ECM Group

Zach Barbane
Staff Scientist



Jim Green
Professional Engineer # C058482

Appendices:

A - Figures
B - Tables
C - Chain of Custody and Laboratory Analytical Report
D - Water Sampling Data Sheets
E - Standard Operating Procedures
F - Responsible Party Certification

cc: Barbara J. Jakub, Alameda County Health Care Services Agency
Leroy Griffin, Oakland Fire Department

APPENDIX A

FIGURES

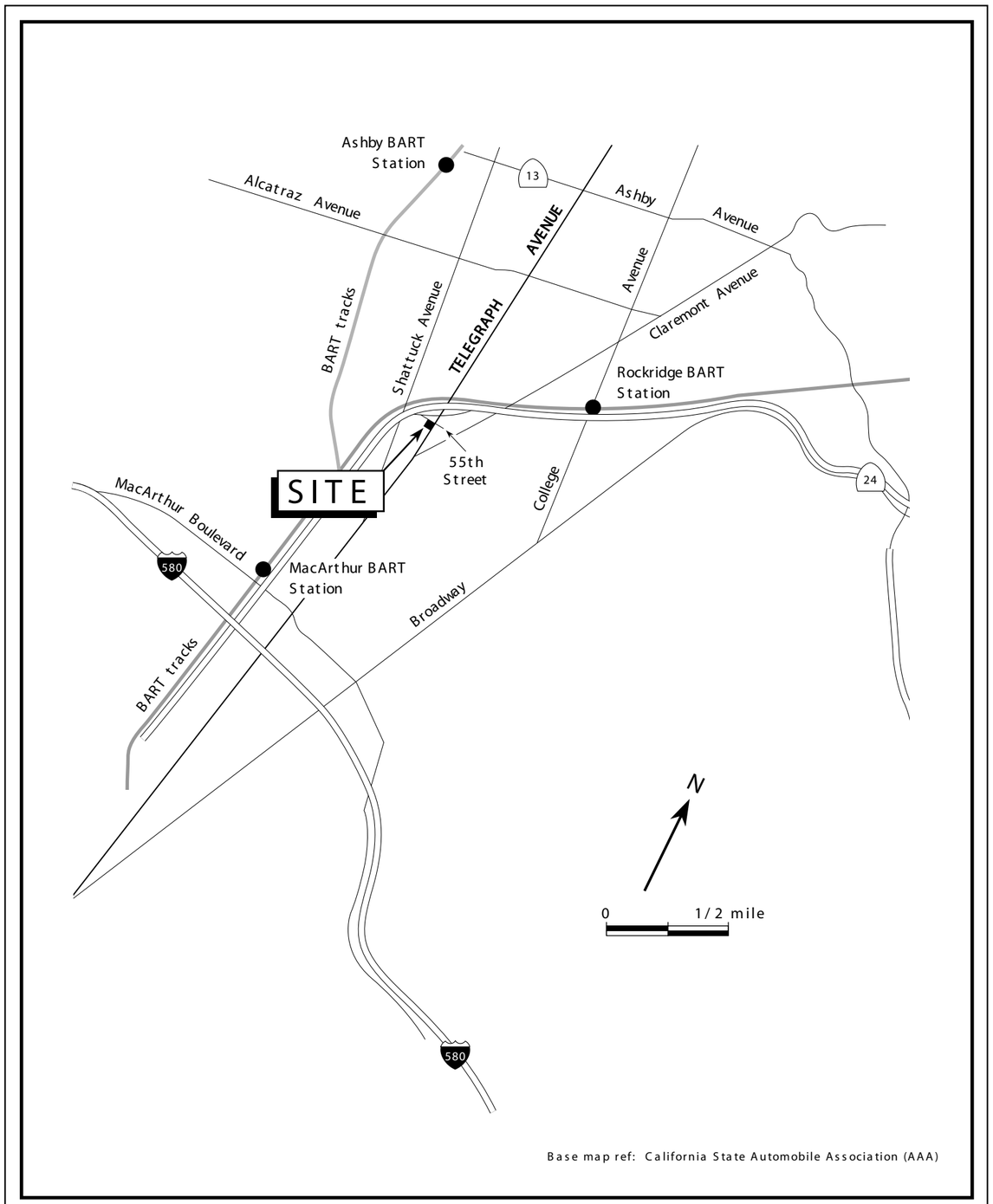


Figure 1. Site Location Map – Telegraph Business Park, 5427 Telegraph Avenue, Oakland, California

07-181-04 [Site loc] 1/19/09

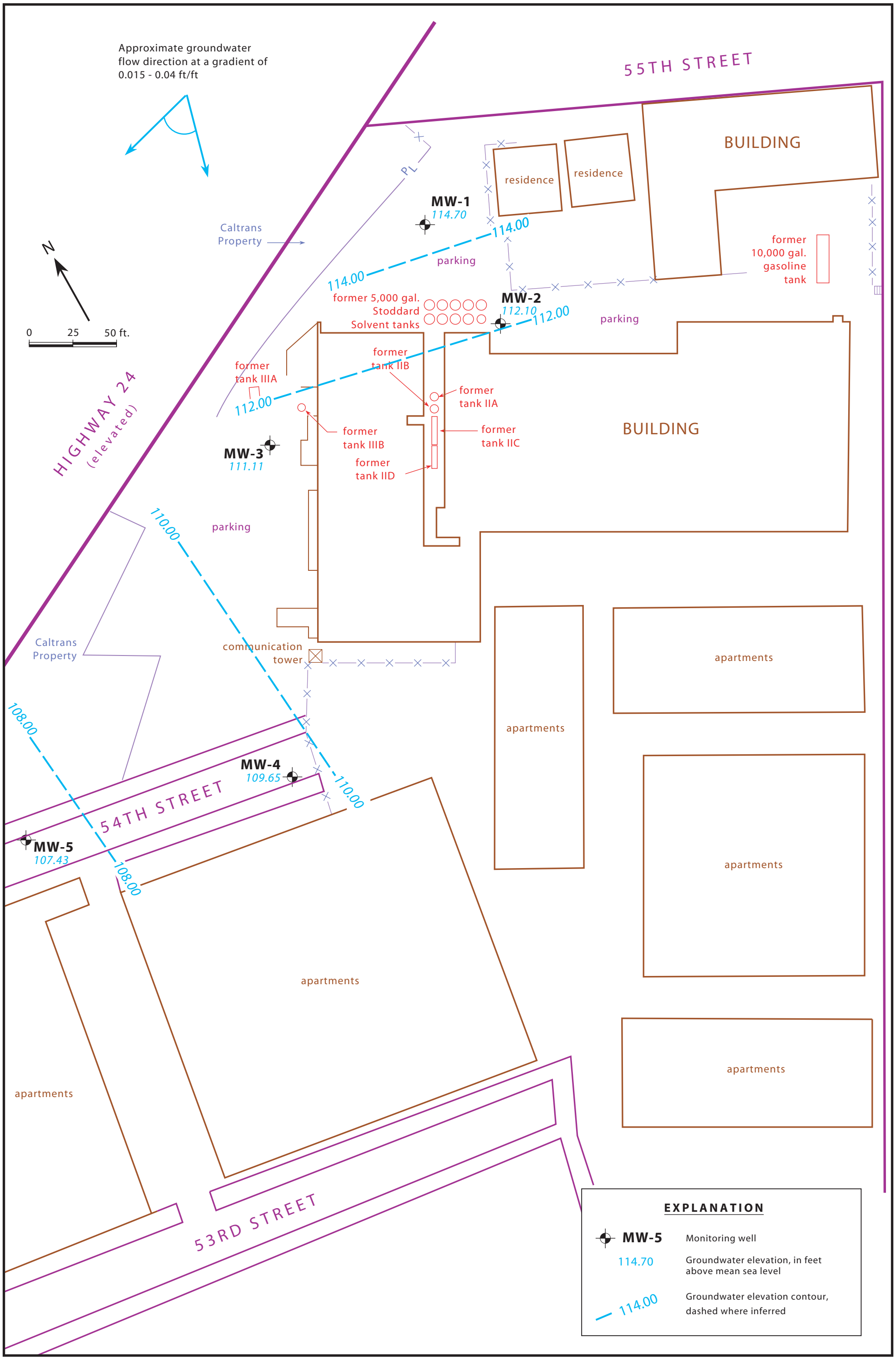


Figure 2. Monitoring Well Location and Groundwater Elevation Contour Map - June 9, 2010 - Telegraph Business Park, 5427 Telegraph Avenue, Oakland, California

07-181-04 [GW 6-10] 6/10/10

APPENDIX B

TABLES

Table 1. Monitoring Well Survey Data, Well Construction Details, and Depth to Groundwater - 5427 Telegraph Avenue, Oakland, California.

Well ID	Date	DTW (Ft)	TOC (Ft, msl)	GWE (Ft, msl)	Screen Interval	Sand Pack Interval	Bentonite/ Grout Interval	Notes
MW-1	1/5/1994	6.40	115.05	108.65	5 - 20	4 - 20	0 - 4	
	2/1/1994	5.93		109.12				
	3/2/1994	5.09		109.96				
	4/6/1994	5.85		109.20				
	5/4/1994	6.37		108.68				
	6/3/1994	6.95		108.10				
	7/7/1994	7.00		108.05				
	8/3/1994	7.30		107.75				
	9/7/1994	7.70		107.35				
	10/11/1994	7.62		107.43				
	1/20/1995	4.78		110.27				
	4/7/1995	5.96		109.09				
	7/26/1995	7.19		107.86				
	10/25/1995	7.74		107.31				
	1/29/1996	4.67		110.38				
	4/26/1996	5.92		109.13				
	7/25/1996	7.10		107.95				
	10/28/1996	7.41		107.64				
	12/4/2008	7.10	120.65	113.55				See Note 1
	8/28/2009	7.65		113.00				
	12/1/2009	7.15		113.50				
	6/9/2010	**5.95**		**114.70**				
MW-2	1/5/1994	9.42	117.60	108.18	7 - 27	6 - 27	0 - 6	
	2/1/1994	9.15		108.45				
	3/2/1994	9.55		108.05				
	4/6/1994	9.09		108.51				
	5/4/1994	9.18		108.42				
	6/3/1994	9.44		108.16				
	7/7/1994	10.21		107.39				
	8/3/1994	10.96		106.64				
	9/7/1994	10.20		107.40				
	10/11/1994	10.18		107.42				
	1/20/1995	8.64		108.96				
	4/7/1995	9.84		107.76				

Table 1. Monitoring Well Survey Data, Well Construction Details, and Depth to Groundwater - 5427 Telegraph Avenue, Oakland, California.

Well ID	Date	DTW (Ft)	TOC (Ft, msl)	GWE (Ft, msl)	Screen Interval	Sand Pack Interval	Bentonite/ Grout Interval	Notes
MW-2 cont.	7/26/1995	10.55	117.60	107.05	7 - 27	6 - 27	0 - 6	
	10/25/1995	10.15		107.45				
	1/29/1996	9.35		108.25				
	4/26/1996	8.57		109.03				
	7/25/1996	10.73		106.87				
	10/28/1996	10.16		107.44				
	12/4/2008	10.84	123.36	112.52				See Note 1
	8/28/2009	11.58		111.78				
	12/1/2009	11.06		112.30				
	6/9/2010	**11.26**		**112.10**				
MW-3	1/5/1994	10.14	115.33	105.19	5 - 20	4 - 20	0 - 4	
	2/1/1994	8.92		106.41				
	3/2/1994	7.56	115.14	107.58				Note 2: Wells resurveyed on 3/4/94 by Ronald C. Miller, pls 15816
	4/6/1994	10.24		104.90				
	5/4/1994	9.67		105.47				
	6/3/1994	10.38		104.76				
	7/7/1994	11.55		103.59				
	8/3/1994	11.76		103.38				
	9/7/1994	12.20		102.94				
	10/11/1994	12.02		103.12				
	1/20/1995	6.47		108.67				
	4/7/1995	7.98		107.16				
	7/26/1995	11.33		103.81				
	10/25/1995	12.29		102.85				
	1/29/1996	6.28		108.86				
	4/26/1996	9.09		106.05				
	7/25/1996	12.06		103.08				
	10/28/1996	12.32		102.82				
	12/4/2008	11.82	120.91	109.09				See Note 1
	8/28/2009	13.16		107.75				
	12/1/2009	11.43		109.48				
	6/9/2010	**9.80**		**111.11**				

Table 1. Monitoring Well Survey Data, Well Construction Details, and Depth to Groundwater - 5427 Telegraph Avenue, Oakland, California.

Well ID	Date	DTW (Ft)	TOC (Ft, msl)	GWE (Ft, msl)	Screen Interval	Sand Pack Interval	Bentonite/ Grout Interval	Notes
MW-4	**6/9/2010**	**6.79**	116.44	**109.65**	5 - 20	4 - 20	0 - 4	well surveyed on 5/2/10 by Barry Kolstad, pls 5677
MW-5	**6/9/2010**	**5.60**	113.03	**107.43**	5 - 20	4 - 20	0 - 4	well surveyed on 5/2/10 by Barry Kolstad, pls 5677

Explanation:

DTW = Depth to Water
ft = feet
msl = Mean Sea Level
TOC = Top of Casing
GWE = Ground Water Elevation

Notes:

1 Well boxes were replaced, TOC elevations changed, and wells were resurveyed on 11/23/08 and 12/7/08 by Barry Kolstad, pls 5677

Table 2. Analytic Results for Groundwater - Hydrocarbons - 5427 Telegraph Avenue, Oakland, California

Sample ID	Sample Date	TPH-G	Stoddard Solvent	Benzene	Toluene	Ethyl-benzene	Xylenes	Notes
		<---------- parts per billion ---------->						
MW-1	1/5/1994	---	1,000	3.3	1.6	<0.3	6	
	4/6/1994	---	1,400	5.6	4.5	<0.3	11	
	7/7/1994	---	1,200	1.5	0.80	<0.3	1.9	
	10/11/1994	---	700	<0.3	<0.3	<0.3	<0.3	
	1/20/1995	---	1,500	3.9	2	<0.3	3.9	
	4/7/1995	---	500	3.2	1.1	<0.3	1.7	
	7/26/1995	---	1,500	3.1	3.2	12	16	
	10/25/1995	---	660	0.6	1.4	20	14	
	1/29/1996	---	2,500	1.8	0.7	8.0	13	
	4/26/1996	---	4,600	<2.5	<2.5	9.5	21	
	7/25/1996	---	2,200	1.6	1.6	11	51	
	10/28/1996	---	1,300	1.5	1.3	3.6	11	
	12/4/2008	540	841	<0.50	6.55	<0.50	<1.50	1
	8/28/2009	510	169	<0.50	6.55	<0.50	<1.50	2
	12/1/2009	<220	480	<2.2	<2.2	<2.2	<6.6	3
	6/9/2010	**610**	**410**	**<2.2**	**<2.2**	**<2.2**	**<6.6**	5
MW-2	1/5/1994	---	35,000	12	38	<3.0	150	
	4/6/1994	---	94,000	21	22	<6.0	110	
	7/7/1994	---	---	16	16	<1.5	1,510	
	7/11/1994	---	43,000	---	---	---	---	
	10/11/1994	---	31,000	17	13	14	0.3	
	1/20/1995	---	26,000	18	13	12	50	
	4/7/1995	---	70,000	17.5	11	<0.6	74.6	
	7/26/1995	---	21,000	17	<0.5	26	94	
	10/25/1995	---	38,000	63	70	440	1,100	
	1/29/1996	---	74,000	7.4	8.6	66	330	
	4/26/1996	---	81,000	<250	<250	3,100	15,000	
	7/25/1996	---	48,000	17	9.4	59	200	
	10/28/1996	---	6,200	19	30	58	310	
	12/4/2008	6,300	120,000	<22.0	<22.0	<22.0	<66.0	1
	8/28/2009	3,600	19,500	16	0.69	<0.50	<1.50	2
	12/1/2009	440	4,000	12	<4.4	<4.4	13	3
	6/9/2010	**5,000**	**69,000**	**17**	**<4.4**	**<4.4**	**<13.2**	5

Table 2. Analytic Results for Groundwater - Hydrocarbons - 5427 Telegraph Avenue, Oakland, California

Sample ID	Sample Date	TPH-G	Stoddard Solvent	Benzene	Toluene	Ethyl-benzene	Xylenes	Notes
		<---------- parts per billion ---------->						
MW-3	1/5/1994	---	1,100	180	20	85	10	
	4/6/1994	---	1,000	140	13	60	<12	
	7/7/1994	---	---	120	7.5	8.0	<3.0	
	7/11/1994	---	1,000	---	---	---	---	
	10/11/1994	---	1,100	200	11	23	<0.3	
	1/20/1995	---	2,100	36	3.5	4.8	<0.3	
	4/7/1995	---	600	32.7	1.7	4.7	1.9	
	7/26/1995	---	1,200	98	3.2	12	16	
	10/25/1995	---	2,300	32	3.4	4.7	9.6	
	1/29/1996	---	1,100	22	1.2	6.4	12	
	4/26/1996	---	1,300	5.6	0.6	4.6	14	
	7/25/1996	---	2,900	120	6.4	23	36	
	10/28/1996	---	2,000	170	6.6	16	26	
	12/4/2008	1,600	708	1.15	<0.50	0.720	<1.50	1
	8/28/2009	2,200	434	2.8	0.66	1.6	<1.50	2
	12/1/2009	3,900	<220	2.2	<2.2	<2.2	<6.6	2,4
	6/9/2010	**3,100**	**990**	**5.5**	**<2.2**	**<2.2**	**<6.6**	2
MW-4	**6/13/2010**	**<50**	**<100**	**<0.50**	**<0.50**	**<0.50**	**<1.50**	
MW-5	**6/9/2010**	**<50**	**<100**	**<0.50**	**<0.50**	**<0.50**	**<1.50**	

Explanation:

TPH-G = Gasoline

--- = not analyzed

Notes:

1 TPH(G) was not reported prior to 2008. Samples were analyzed for TPH(D) and Oil&Grease prior to 2008. See report: Sierra Enironmental Services, 1996, Quarterly Monitoring Report, Telegraph Business Park, 5427 Telegraph Avenue, Oakland, California, December 26, 1996.

2 Sample chromatogram does not resemble gasoline standard pattern. Reported TPH value due to the presence of non-target heavy end hydrocarbons within range of C5-C12 quantified as gasoline.

3 The reporting limits were raised due to a high concentration of heavy end hydrocarbons within range quantified as Mineral Spirits.

4 The reporting limits were raised due to contribution of unidentified hydrocarbons within the C5-C12 range quantified as gasoline.

5 Results not typical of Gasoline standard pattern. Result reported as Gasoline but pattern best matches Mineral Spirits/Stoddard Solvent.

Table 3. Analytic Results for Groundwater - Oxygenates - 5427 Telegraph Avenue, Oakland, California

Sample ID	Sample Date	MTBE	DIPE	ETBE	TAME	TBA	EDB	EDC (1,2 DCA)	Notes
		<---------- parts per billion ---------->							
MW-1	1/5/1994	---	---	---	---	---	---	<0.2	
	4/6/1994	---	---	---	---	---	---	<0.2	
	7/7/1994	---	---	---	---	---	---	<0.5	
	10/11/1994	---	---	---	---	---	---	<2	
	1/20/1995	---	---	---	---	---	---	<2	
	4/7/1995	---	---	---	---	---	---	0.5	
	7/26/1995	---	---	---	---	---	---	<0.5	
	10/25/1995	---	---	---	---	---	---	<0.5	
	1/29/1996	---	---	---	---	---	---	<0.5	
	4/26/1996	---	---	---	---	---	---	<0.5	
	7/25/1996	---	---	---	---	---	---	<0.5	
	10/28/1996	---	---	---	---	---	---	<0.5	
	12/4/2008	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	1
	8/28/2009	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	12/1/2009	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	
	6/9/2010	**<2.2**	**<2.2**	**<2.2**	**<2.2**	**<22**	**<2.2**	**<2.2**	
MW-2	1/5/1994	---	---	---	---	---	---	2.7	
	4/6/1994	---	---	---	---	---	---	<0.2	
	7/7/1994	---	---	---	---	---	---	0.60	
	10/11/1994	---	---	---	---	---	---	<2	
	1/20/1995	---	---	---	---	---	---	<2	
	4/7/1995	---	---	---	---	---	---	1.4	
	7/26/1995	---	---	---	---	---	---	<0.5	
	10/25/1995	---	---	---	---	---	---	<0.5	
	1/29/1996	---	---	---	---	---	---	<0.5	
	4/26/1996	---	---	---	---	---	---	<0.5	
	7/25/1996	---	---	---	---	---	---	<0.5	
	10/28/1996	---	---	---	---	---	---	<2.5	
	12/4/2008	<22.0	<22.0	<22.0	<22.0	<440	<22.0	<22.0	1
	8/28/2009	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	12/1/2009	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	
	6/9/2010	**<4.4**	**<4.4**	**<4.4**	**<4.4**	**<44**	**<4.4**	**<4.4**	

Table 3. Analytic Results for Groundwater - Oxygenates - 5427 Telegraph Avenue, Oakland, California

Sample ID	Sample Date	MTBE	DIPE	ETBE	TAME	TBA	EDB	EDC (1,2 DCA)	Notes
		<---------- parts per billion ---------->							
MW-3	1/5/1994	---	---	---	---	---	---	0.20	
	4/6/1994	---	---	---	---	---	---	<0.2	
	7/7/1994	---	---	---	---	---	---	<0.5	
	10/11/1994	---	---	---	---	---	---	<2	
	1/20/1995	---	---	---	---	---	---	<2	
	4/7/1995	---	---	---	---	---	---	0.7	
	7/26/1995	---	---	---	---	---	---	<0.5	
	10/25/1995	---	---	---	---	---	---	<0.5	
	1/29/1996	---	---	---	---	---	---	<0.5	
	4/26/1996	---	---	---	---	---	---	<0.5	
	7/25/1996	---	---	---	---	---	---	<0.5	
	10/28/1996	---	---	---	---	---	---	<0.5	
	12/4/2008	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	1
	8/28/2009	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	12/1/2009	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	
	6/9/2010	**<2.2**	**<2.2**	**<2.2**	**<2.2**	**<22**	**<2.2**	**<2.2**	
MW-4	**6/13/2010**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	
MW-5	**6/9/2010**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	

Explanation:

MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
TBA = Tertiary butyl alcohol
EDB = 1,2-Dibromoethane
EDC = 1,2-Dichloroethane

Notes:

1 MTBE, DIPE, ETBE, TAME, TBA and EDB were not reported prior to 2008. Samples were analyzed for Halogenated Volatile Organic Compounds (HVOCs) and Volatile Organic Compounds (VOCs) prior to 2008. See report: Sierra Enironmental Services, 1996, Quarterly Monitoring Report, Telegraph Business Park, 5427 Telegraph Avenue, Oakland, California, December 26, 1996.

APPENDIX C

CHAIN OF CUSTODY
AND
LABORATORY ANALYTICAL REPORTS

ECM Group
290 West Channel
Benicia, California 94510
Tel: 707-751-0655
Fax: 707-751-0653
Email: rguptel@ecmgrp.com

RE: 5427 Telegraph, Oakland, CA

Work Order No.: 1006103

Dear Rachel Guptel:

Torrent Laboratory, Inc. received 4 sample(s) on June 14, 2010 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Patti Sandrock

June 21, 2010
Date

Date: 6/21/2010

Client: ECM Group

Project: 5427 Telegraph, Oakland, CA

Work Order: 1006103

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

483 Sinclair Frontage Rd., Milpitas, CA 95035 | tel: 408.263.5258 | fax: 408.263.8293 | www.torrentlab.com

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Rachel Guptel
ECM Group

Date Received: 06/14/10
Date Reported: 06/21/10

MW-1 1006103-001A

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Stoddard	SW8015B	1	0.0287	0.10	0.41	mg/L
TPH(Gasoline)	8260TPH	4.4	95	220	610	ug/L

MW-2 1006103-002A

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Stoddard	SW8015B	50	1.44	5.0	69	mg/L
Benzene	SW8260B	8.8	2.9	4.4	17	ug/L
TPH(Gasoline)	8260TPH	8.8	190	440	5000	ug/L

MW-3 1006103-003A

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Stoddard	SW8015B	1	0.0287	0.10	0.99	mg/L
Benzene	SW8260B	4.4	1.5	2.2	5.5	ug/L
TPH(Gasoline)	8260TPH	4.4	95	220	3100	ug/L

MW-5 1006103-004A

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Rachel Guptel
ECM Group

Date Received: 06/14/10
Date Reported: 06/21/10

Client Sample ID:	MW-1	**Lab Sample ID:**	1006103-001A
Project Name/Location:	5427 Telegraph, Oakland, CA	**Sample Matrix:**	Groundwater
Project Number:	07-181-04		
Date/Time Sampled:	06/09/10 / 12:04		
Tag Number:	5427 Telegraph		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Stoddard	SW8015B	6/15/10	06/17/10	1	0.0287	0.10	0.41		mg/L	401287	0581
Pentacosane (S)	SW8015B	6/15/10	06/17/10	1	53.3	124	88.4		%	401287	0581

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzene	SW8260B	NA	06/17/10	4.4	1.5	2.2	ND		ug/L	401289	NA
Toluene	SW8260B	NA	06/17/10	4.4	0.84	2.2	ND		ug/L	401289	NA
Ethyl Benzene	SW8260B	NA	06/17/10	4.4	0.68	2.2	ND		ug/L	401289	NA
m,p-Xylene	SW8260B	NA	06/17/10	4.4	0.88	4.4	ND		ug/L	401289	NA
o-Xylene	SW8260B	NA	06/17/10	4.4	0.56	2.2	ND		ug/L	401289	NA
MTBE	SW8260B	NA	06/17/10	4.4	1.7	2.2	ND		ug/L	401289	NA
Diisopropyl ether (DIPE)	SW8260B	NA	06/17/10	4.4	1.6	2.2	ND		ug/L	401289	NA
ETBE	SW8260B	NA	06/17/10	4.4	1.7	2.2	ND		ug/L	401289	NA
TAME	SW8260B	NA	06/17/10	4.4	1.4	2.2	ND		ug/L	401289	NA
tert-Butanol	SW8260B	NA	06/17/10	4.4	6.6	22	ND		ug/L	401289	NA
1,2-Dichloroethane	SW8260B	NA	06/17/10	4.4	1.2	2.2	ND		ug/L	401289	NA
1,2-Dibromoethane	SW8260B	NA	06/17/10	4.4	0.86	2.2	ND		ug/L	401289	NA
(S) Dibromofluoromethane	SW8260B	NA	06/17/10	4.4	61.2	131	92.9		%	401289	NA
(S) Toluene-d8	SW8260B	NA	06/17/10	4.4	75.1	127	81.2		%	401289	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	06/17/10	4.4	64.1	120	81.5		%	401289	NA

NOTE: Reporting limit raised due to high level of heavy hydrocarbons.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	06/17/10	4.4	95	220	610	x	ug/L	401293	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	06/17/10	4.4	58.4	133	86.9		%	401293	NA

NOTE: x-Not typical of Gasoline standard pattern. Result reported as Gasoline but pattern best matches Mineral Spirits/Stoddard Solvent.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Rachel Guptel
ECM Group

Date Received: 06/14/10
Date Reported: 06/21/10

Client Sample ID:	MW-2	**Lab Sample ID:**	1006103-002A
Project Name/Location:	5427 Telegraph, Oakland, CA	**Sample Matrix:**	Groundwater
Project Number:	07-181-04		
Date/Time Sampled:	06/09/10 / 14:26		
Tag Number:	5427 Telegraph		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Stoddard	SW8015B	6/15/10	06/17/10	50	1.44	5.0	69		mg/L	401287	0581
Pentacosane (S)	SW8015B	6/15/10	06/17/10	50	53.3	124	0.000	D	%	401287	0581

NOTE: D - Surrogates not recoverable due to dilution of the sample.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzene	SW8260B	NA	06/17/10	8.8	2.9	4.4	17		ug/L	401289	NA
Toluene	SW8260B	NA	06/17/10	8.8	1.7	4.4	ND		ug/L	401289	NA
Ethyl Benzene	SW8260B	NA	06/17/10	8.8	1.4	4.4	ND		ug/L	401289	NA
m,p-Xylene	SW8260B	NA	06/17/10	8.8	1.8	8.8	ND		ug/L	401289	NA
o-Xylene	SW8260B	NA	06/17/10	8.8	1.1	4.4	ND		ug/L	401289	NA
MTBE	SW8260B	NA	06/17/10	8.8	3.3	4.4	ND		ug/L	401289	NA
Diisopropyl ether (DIPE)	SW8260B	NA	06/17/10	8.8	3.2	4.4	ND		ug/L	401289	NA
ETBE	SW8260B	NA	06/17/10	8.8	3.5	4.4	ND		ug/L	401289	NA
TAME	SW8260B	NA	06/17/10	8.8	2.8	4.4	ND		ug/L	401289	NA
tert-Butanol	SW8260B	NA	06/17/10	8.8	13	44	ND		ug/L	401289	NA
1,2-Dichloroethane	SW8260B	NA	06/17/10	8.8	2.4	4.4	ND		ug/L	401289	NA
1,2-Dibromoethane	SW8260B	NA	06/17/10	8.8	1.7	4.4	ND		ug/L	401289	NA
(S) Dibromofluoromethane	SW8260B	NA	06/17/10	8.8	61.2	131	92.8		%	401289	NA
(S) Toluene-d8	SW8260B	NA	06/17/10	8.8	75.1	127	88.3		%	401289	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	06/17/10	8.8	64.1	120	0.000	S	%	401289	NA

NOTE: Reporting limit raised due to high level of heavy hydrocarbons. S - Low surrogate (BFB) recovery attributed to TPH interference (heavy hydrocarbons).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	06/17/10	8.8	190	440	5000		ug/L	401293	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	06/17/10	8.8	58.4	133	0.000	S	%	401293	NA

NOTE: x-Not typical of Gasoline standard pattern. Result reported as Gasoline but pattern best matches Mineral Spirits/Stoddard Solvent. S - Low surrogate recovery attributed to matrix interference.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Rachel Guptel
ECM Group

Date Received: 06/14/10
Date Reported: 06/21/10

Client Sample ID:	MW-3	**Lab Sample ID:**	1006103-003A
Project Name/Location:	5427 Telegraph, Oakland, CA	**Sample Matrix:**	Groundwater
Project Number:	07-181-04		
Date/Time Sampled:	06/09/10 / 13:48		
Tag Number:	5427 Telegraph		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Stoddard	SW8015B	6/15/10	06/17/10	1	0.0287	0.10	0.99	x	mg/L	401287	0581
Pentacosane (S)	SW8015B	6/15/10	06/17/10	1	53.3	124	111		%	401287	0581

NOTE: x- Not typical of Stoddard standard pattern (possibly aged stoddard or other fuel within the stoddard range).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzene	SW8260B	NA	06/17/10	4.4	1.5	2.2	5.5		ug/L	401289	NA
Toluene	SW8260B	NA	06/17/10	4.4	0.84	2.2	ND		ug/L	401289	NA
Ethyl Benzene	SW8260B	NA	06/17/10	4.4	0.68	2.2	ND		ug/L	401289	NA
m,p-Xylene	SW8260B	NA	06/17/10	4.4	0.88	4.4	ND		ug/L	401289	NA
o-Xylene	SW8260B	NA	06/17/10	4.4	0.56	2.2	ND		ug/L	401289	NA
MTBE	SW8260B	NA	06/17/10	4.4	1.7	2.2	ND		ug/L	401289	NA
Diisopropyl ether (DIPE)	SW8260B	NA	06/17/10	4.4	1.6	2.2	ND		ug/L	401289	NA
ETBE	SW8260B	NA	06/17/10	4.4	1.7	2.2	ND		ug/L	401289	NA
TAME	SW8260B	NA	06/17/10	4.4	1.4	2.2	ND		ug/L	401289	NA
tert-Butanol	SW8260B	NA	06/17/10	4.4	6.6	22	ND		ug/L	401289	NA
1,2-Dichloroethane	SW8260B	NA	06/17/10	4.4	1.2	2.2	ND		ug/L	401289	NA
1,2-Dibromoethane	SW8260B	NA	06/17/10	4.4	0.86	2.2	ND		ug/L	401289	NA
(S) Dibromofluoromethane	SW8260B	NA	06/17/10	4.4	61.2	131	82.6		%	401289	NA
(S) Toluene-d8	SW8260B	NA	06/17/10	4.4	75.1	127	88.1		%	401289	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	06/17/10	4.4	64.1	120	87.8		%	401289	NA

NOTE: Reporting limit raised due to high level of heavy hydrocarbons.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	06/17/10	4.4	95	220	3100	x	ug/L	401293	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	06/17/10	4.4	58.4	133	95.4		%	401293	NA

NOTE: x - Not typical of Gasoline standard pattern. Hydrocarbons in the range of C5-C12 quantified as Gasoline (heavy end hydrocarbons possibly aged gasoline or aged fuel heavier than gasoline)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Rachel Guptel
ECM Group

Date Received: 06/14/10
Date Reported: 06/21/10

Client Sample ID:	MW-5	**Lab Sample ID:**	1006103-004A
Project Name/Location:	5427 Telegraph, Oakland, CA	**Sample Matrix:**	Groundwater
Project Number:	07-181-04		
Date/Time Sampled:	06/09/10 / 10:47		
Tag Number:	5427 Telegraph		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Stoddard	SW8015B	6/15/10	06/17/10	1	0.0287	0.10	ND		mg/L	401287	0581
Pentacosane (S)	SW8015B	6/15/10	06/17/10	1	53.3	124	107		%	401287	0581

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzene	SW8260B	NA	06/18/10	1	0.33	0.50	ND		ug/L	401296	NA
Toluene	SW8260B	NA	06/18/10	1	0.19	0.50	ND		ug/L	401296	NA
Ethyl Benzene	SW8260B	NA	06/18/10	1	0.15	0.50	ND		ug/L	401296	NA
m,p-Xylene	SW8260B	NA	06/18/10	1	0.20	1.0	ND		ug/L	401296	NA
o-Xylene	SW8260B	NA	06/18/10	1	0.13	0.50	ND		ug/L	401296	NA
MTBE	SW8260B	NA	06/18/10	1	0.38	0.50	ND		ug/L	401296	NA
Diisopropyl ether (DIPE)	SW8260B	NA	06/18/10	1	0.36	0.50	ND		ug/L	401296	NA
ETBE	SW8260B	NA	06/18/10	1	0.40	0.50	ND		ug/L	401296	NA
TAME	SW8260B	NA	06/18/10	1	0.32	0.50	ND		ug/L	401296	NA
tert-Butanol	SW8260B	NA	06/18/10	1	1.5	5.0	ND		ug/L	401296	NA
1,2-Dichloroethane	SW8260B	NA	06/18/10	1	0.28	0.50	ND		ug/L	401296	NA
1,2-Dibromoethane	SW8260B	NA	06/18/10	1	0.19	0.50	ND		ug/L	401296	NA
(S) Dibromofluoromethane	SW8260B	NA	06/18/10	1	61.2	131	90.1		%	401296	NA
(S) Toluene-d8	SW8260B	NA	06/18/10	1	75.1	127	90.9		%	401296	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	06/18/10	1	64.1	120	86.1		%	401296	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	06/18/10	1	22	50	ND		ug/L	401297	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	06/18/10	1	58.4	133	97.2		%	401297	NA

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1006103	**Prep Method:**	3510_TPH	**Prep Date:**	06/15/10	**Prep Batch:**	0581
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	06/15/10	**Analytical Batch:**	401241
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
DRO	0.0287	0.10	ND		
TPH as Bunker Oil	0.0920	0.20	ND		
TPH as Cutting Oil	0.0920	0.20	ND		
TPH as Diesel	0.0287	0.10	ND		
TPH as Heating Oil	0.0920	0.20	ND		
TPH as Hydraulic Oil	0.0920	0.20	ND		
TPH as Jet A	0.0287	0.10	ND		
TPH as Jet Fuel	0.0287	0.10	ND		
TPH as JP-4	0.0287	0.10	ND		
TPH as JP-5	0.0287	0.10	ND		
TPH as JP-7	0.0287	0.10	ND		
TPH as JP-8	0.0287	0.10	ND		
TPH as Kerosene	0.0287	0.10	ND		
TPH as Mineral Oil	0.0287	0.10	ND		
TPH as Motor Oil	0.0920	0.20	0.14		
TPH as Naphtha	0.0287	0.10	ND		
TPH as Oil	0.0920	0.20	ND		
TPH as Stoddard	0.0287	0.10	ND		
TPH as Transformer Oil	0.0920	0.20	ND		
Pentacosane (S)			100 %		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1006103	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	06/17/10	**Analytical Batch:**	401289
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	0.41	0.50	ND		
Chloromethane	0.41	0.50	ND		
Vinyl Chloride	0.37	0.50	ND		
Bromomethane	0.37	0.50	ND		
Trichlorofluoromethane	0.34	0.50	ND		
1,1-Dichloroethene	0.29	0.50	ND		
Freon 113	0.38	0.50	ND		
Methylene Chloride	0.18	5.0	ND		
trans-1,2-Dichloroethene	0.31	0.50	ND		
MTBE	0.38	0.50	ND		
tert-Butanol	1.5	5.0	ND		
Diisopropyl ether (DIPE)	0.36	0.50	ND		
1,1-Dichloroethane	0.28	0.50	ND		
ETBE	0.40	0.50	ND		
cis-1,2-Dichloroethene	0.33	0.50	ND		
2,2-Dichloropropane	0.37	0.50	ND		
Bromochloromethane	0.34	0.50	ND		
Chloroform	0.29	0.50	ND		
Carbon Tetrachloride	0.26	0.50	ND		
1,1,1-Trichloroethane	0.32	0.50	ND		
1,1-Dichloropropene	0.40	0.50	ND		
Benzene	0.33	0.50	ND		
TAME	0.32	0.50	ND		
1,2-Dichloroethane	0.28	0.50	ND		
Trichloroethylene	0.38	0.50	ND		
Dibromomethane	0.21	0.50	ND		
1,2-Dichloropropane	0.37	0.50	ND		
Bromodichloromethane	0.23	0.50	ND		
2-Chloroethyl vinyl ether	0.91	2.0	ND		
cis-1,3-Dichloropropene	0.30	0.50	ND		
Toluene	0.19	0.50	ND		
Tetrachloroethylene	0.15	0.50	0.34		
trans-1,3-Dichloropropene	0.20	0.50	ND		
1,1,2-Trichloroethane	0.20	0.50	ND		
Dibromochloromethane	0.21	0.50	ND		
1,3-Dichloropropane	0.18	0.50	ND		
1,2-Dibromoethane	0.19	0.50	ND		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1006103	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	06/17/10	**Analytical Batch:**	401289
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	
m,p-Xylene	0.20	1.0	ND	
o-Xylene	0.13	0.50	ND	
Styrene	0.20	0.50	ND	
Bromoform	0.45	1.0	ND	
Isopropyl Benzene	0.28	0.50	ND	
Bromobenzene	0.39	0.50	ND	
1,1,2,2-Tetrachloroethane	0.26	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
2-Chlorotoluene	0.33	0.50	ND	
1,3,5-Trimethylbenzene	0.20	0.50	ND	
4-Chlorotoluene	0.32	0.50	ND	
tert-Butylbenzene	0.29	0.50	ND	
1,2,3-Trichloropropane	0.59	1.0	ND	
1,2,4-Trimethylbenzene	0.33	0.50	ND	
sec-Butyl Benzene	0.24	0.50	ND	
p-Isopropyltoluene	0.25	0.50	ND	
1,3-Dichlorobenzene	0.31	0.50	ND	
1,4-Dichlorobenzene	0.37	0.50	ND	
n-Butylbenzene	0.32	0.50	ND	
1,2-Dichlorobenzene	0.39	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND	
Hexachlorobutadiene	0.22	0.50	ND	
1,2,4-Trichlorobenzene	0.48	1.0	ND	
Naphthalene	0.57	1.0	0.78	
1,2,3-Trichlorobenzene	0.52	1.0	ND	
(S) Dibromofluoromethane			95.1 %	
(S) Toluene-d8			93.6 %	
(S) 4-Bromofluorobenzene			90.1 %	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1006103	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	06/17/10	**Analytical Batch:**	401293
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	22	50	ND		
(S) 4-Bromofluorobenzene			69.9 %		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1006103	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	06/18/10	**Analytical Batch:**	401296
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	0.41	0.50	ND		
Chloromethane	0.41	0.50	ND		
Vinyl Chloride	0.37	0.50	ND		
Bromomethane	0.37	0.50	ND		
Trichlorofluoromethane	0.34	0.50	ND		
1,1-Dichloroethene	0.29	0.50	ND		
Freon 113	0.38	0.50	ND		
Methylene Chloride	0.18	5.0	ND		
trans-1,2-Dichloroethene	0.31	0.50	ND		
MTBE	0.38	0.50	ND		
tert-Butanol	1.5	5.0	ND		
Diisopropyl ether (DIPE)	0.36	0.50	ND		
1,1-Dichloroethane	0.28	0.50	ND		
ETBE	0.40	0.50	ND		
cis-1,2-Dichloroethene	0.33	0.50	ND		
2,2-Dichloropropane	0.37	0.50	ND		
Bromochloromethane	0.34	0.50	ND		
Chloroform	0.29	0.50	ND		
Carbon Tetrachloride	0.26	0.50	ND		
1,1,1-Trichloroethane	0.32	0.50	ND		
1,1-Dichloropropene	0.40	0.50	ND		
Benzene	0.33	0.50	ND		
TAME	0.32	0.50	ND		
1,2-Dichloroethane	0.28	0.50	ND		
Trichloroethylene	0.38	0.50	ND		
Dibromomethane	0.21	0.50	ND		
1,2-Dichloropropane	0.37	0.50	ND		
Bromodichloromethane	0.23	0.50	ND		
2-Chloroethyl vinyl ether	0.91	2.0	ND		
cis-1,3-Dichloropropene	0.30	0.50	ND		
Toluene	0.19	0.50	ND		
Tetrachloroethylene	0.15	0.50	ND		
trans-1,3-Dichloropropene	0.20	0.50	ND		
1,1,2-Trichloroethane	0.20	0.50	ND		
Dibromochloromethane	0.21	0.50	ND		
1,3-Dichloropropane	0.18	0.50	ND		
1,2-Dibromoethane	0.19	0.50	ND		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1006103	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	06/18/10	**Analytical Batch:**	401296
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	
m,p-Xylene	0.20	1.0	ND	
o-Xylene	0.13	0.50	ND	
Styrene	0.20	0.50	ND	
Bromoform	0.45	1.0	ND	
Isopropyl Benzene	0.28	0.50	ND	
Bromobenzene	0.39	0.50	ND	
1,1,2,2-Tetrachloroethane	0.26	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
2-Chlorotoluene	0.33	0.50	ND	
1,3,5-Trimethylbenzene	0.20	0.50	ND	
4-Chlorotoluene	0.32	0.50	ND	
tert-Butylbenzene	0.29	0.50	ND	
1,2,3-Trichloropropane	0.59	1.0	ND	
1,2,4-Trimethylbenzene	0.33	0.50	ND	
sec-Butyl Benzene	0.24	0.50	ND	
p-Isopropyltoluene	0.25	0.50	ND	
1,3-Dichlorobenzene	0.31	0.50	ND	
1,4-Dichlorobenzene	0.37	0.50	ND	
n-Butylbenzene	0.32	0.50	ND	
1,2-Dichlorobenzene	0.39	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND	
Hexachlorobutadiene	0.22	0.50	ND	
1,2,4-Trichlorobenzene	0.48	1.0	ND	
Naphthalene	0.57	1.0	ND	
1,2,3-Trichlorobenzene	0.52	1.0	ND	
(S) Dibromofluoromethane			89.9 %	
(S) Toluene-d8			86.5 %	
(S) 4-Bromofluorobenzene			95.2 %	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1006103	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	06/18/10	**Analytical Batch:**	401297
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	22	50	ND		
(S) 4-Bromofluorobenzene			59.1 %		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1006103	**Prep Method:**	3510_TPH	**Prep Date:**	06/15/10	**Prep Batch:**	0581
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	06/15/10	**Analytical Batch:**	401241
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.029	0.10	0.00	1	86.2	90.7	5.07	46.2 - 109	30	
Pentacosane (S)			0.00	100	98.1	103		53.3 - 124		

Work Order:	1006103	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	06/17/10	**Analytical Batch:**	401289
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	0.00	17.04	114	101	12.2	61.4 - 129	30	
Benzene	0.33	0.50	0.00	17.04	116	114	1.73	66.9 - 140	30	
Trichloroethylene	0.38	0.50	0.00	17.04	101	99.9	0.469	69.3 - 144	30	
Toluene	0.19	0.50	0.00	17.04	117	106	9.92	76.6 - 123	30	
Chlorobenzene	0.14	0.50	0.00	17.04	119	110	8.37	73.9 - 137	30	
(S) Dibromofluoromethane			0.00	11.36	91.5	111		61.2 - 131		
(S) Toluene-d8			0.00	11.36	83.4	98.2		75.1 - 127		
(S) 4-Bromofluorobenzene			0.00	11.36	93.7	81.7		64.1 - 120		

Work Order:	1006103	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	06/17/10	**Analytical Batch:**	401293
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50	0.00	227.27	111	112	0.212	52.4 - 127	30	
(S) 4-Bromofluorobenzene			69.9	11.36	83.0	91.5		58.4 - 133		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1006103	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	06/18/10	**Analytical Batch:**	401296
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	0.00	17.04	85.4	78.9	8.20	61.4 - 129	30	
Benzene	0.33	0.50	0.00	17.04	99.1	90.0	9.68	66.9 - 140	30	
Trichloroethylene	0.38	0.50	0.00	17.04	95.2	93.1	2.12	69.3 - 144	30	
Toluene	0.19	0.50	0.24	17.04	104	93.7	10.8	76.6 - 123	30	
Chlorobenzene	0.14	0.50	0.00	17.04	108	94.0	13.8	73.9 - 137	30	
(S) Dibromofluoromethane			0.00	11.36	91.5	79.8		61.2 - 131		
(S) Toluene-d8			0.00	11.36	89.8	83.5		75.1 - 127		
(S) 4-Bromofluorobenzene			0.00	11.36	85.1	81.7		64.1 - 120		

Work Order:	1006103	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	06/18/10	**Analytical Batch:**	401297
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50	0.00	227.27	112	113	0.191	52.4 - 127	30	
(S) 4-Bromofluorobenzene			59.1	11.36	101	68.7		58.4 - 133		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: ECM Group

Project Name: 5427 Telegraph, Oakland, CA

Work Order No.: 1006103

Date and Time Received: 6/14/2010 16:15

Received By: NG

Physically Logged By: NG

Checklist Completed By: NG

Carrier Name: Gold Bullet Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	6	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?				

pH Checked by: pH Adjusted by:

Login Summary Report

Client ID:	TL5158 ECM Group	**QC Level:**	
Project Name:	5427 Telegraph, Oakland, CA	**TAT Requested:**	5+ day:0
Project # :	07-181-04	**Date Received:**	6/14/2010
Report Due Date:	6/21/2010	**Time Received:**	16:15

Comments: 5 day TAT!!! Recv'd 4 groundwaters for TPHg ; BTEX :Fuel Oxygenates; Lead Scavengers and Stoddard Solvent.Pls. email an EDF result to rguptel@ecmgrp.com.

Work Order # : ***1006103***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1006103-001A	MW-1	06/09/10 12:04	Water	07/29/10			EDF W_8260PetWHA TEPHMaster_W W_GCMS-GRO	
Sample Note:	TPHg,BTEX,5oxys,lead scavengers, Stoddard solvent for all samples.							
1006103-001A4.4x	MW-1	06/09/10 12:04	Water	07/29/10			W_8260PetWHA	
1006103-002A	MW-2	06/09/10 14:26	Water	07/29/10			W_8260PetWHA W_GCMS-GRO TEPHMaster_W	
1006103-002A8.8x	MW-2	06/09/10 14:26	Water	07/29/10			W_8260PetWHA	
1006103-003A	MW-3	06/09/10 13:48	Water	07/29/10			W_8260PetWHA W_GCMS-GRO TEPHMaster_W	
1006103-003A4.4x	MW-3	06/09/10 13:48	Water	07/29/10			W_8260PetWHA	
1006103-004A	MW-5	06/09/10 10:47	Water	07/29/10			W_GCMS-GRO W_8260PetWHA TEPHMaster_W	
1006103-004A4.4x	MW-5	06/09/10 10:47	Water	07/29/10			W_8260PetWHA	

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

RESET

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 1006103

Company Name: ECM	Location of Sampling: 5427 Telegraph, Oakland, CA
Address: PO Box 802	Purpose:
City: Benicia State: CA Zip Code: 94510	Special Instructions / Comments: Bill direct to client
Telephone: 707 751 0655 FAX: 707 751 0653	
REPORT TO: Rachel Gupta SAMPLER: Zach Barbane	P.O. #: 07-181-04 EMAIL: rgupta@ecmgrp.com

TURNAROUND TIME:
- ☐ 10 Work Days ☐ 3 Work Days ☐ Noon - Nxt Day
- ☐ 7 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours
- ☒ 5 Work Days ☐ 1 Work Day ☐ Other

SAMPLE TYPE:
- ☐ Storm Water ☐ Air
- ☐ Waste Water ☐ Other
- ☒ Ground Water
- ☐ Soil

REPORT FORMAT:
- ☐ QC Level IV
- ☒ EDF
- ☐ Excel / EDD

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPH (G)	BTEX	5 OXY	Stoddard Solvent	Lead scavengers	REMARKS
001A	MW-1	6/9/10 1204		5	4x40ml VOA 1x1L amber	X	X	X	X	X	
002A	MW-2	1426									
003A	MW-3	1348									
004A	MW-5	1047									

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	Zach Barbane	Zach Barbane	6/14/10	1139	M. Wasquez		6/14/10	1139
2	M. Wasquez		6/14/10	1615	M. Khadasara	NAVIN G	6-14-10	16:15

Were Samples Received in Good Condition? ☑ Yes ☐ NO Samples on Ice? ☑ Yes ☐ NO Method of Shipment Gold Bullet Sample seals intact? ☐ Yes ☐ NO ☑ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrange -ments are made.

Log In By: Date: Log In Reviewed By: Date:

Page ____ of ____

ECM Group
290 West Channel
Benicia, California 94510
Tel: 707-751-0655
Fax: 707-751-0653
Email: rguptel@ecmgrp.com

RE: 5427 Telegraph, Oakland

Work Order No.: 1006110

Dear Rachel Guptel:

Torrent Laboratory, Inc. received 1 sample(s) on June 15, 2010 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Patti Sandrock

June 22, 2010
Date

Date: 6/22/2010

Client: ECM Group

Project: 5427 Telegraph, Oakland

Work Order: 1006110

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Sample Result Summary

Report prepared for: Rachel Guptel
ECM Group

Date Received: 06/15/10
Date Reported: 06/22/10

MW-4 1006110-001A

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

483 Sinclair Frontage Rd., Milpitas, CA 95035 | tel: 408.263.5258 | fax: 408.263.8293 | www.torrentlab.com

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Rachel Guptel
ECM Group

Date Received: 06/15/10
Date Reported: 06/22/10

Client Sample ID:	MW-4	**Lab Sample ID:**	1006110-001A
Project Name/Location:	5427 Telegraph, Oakland	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	06/13/10 / 13:10		
Tag Number:	5427		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Stoddard	SW8015B	6/18/10	06/18/10	1	0.0287	0.10	ND		mg/L	401291	0603
Pentacosane (S)	SW8015B	6/18/10	06/18/10	1	53.3	124	93.3		%	401291	0603

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzene	SW8260B	NA	06/18/10	1	0.33	0.50	ND		ug/L	401296	NA
Toluene	SW8260B	NA	06/18/10	1	0.19	0.50	ND		ug/L	401296	NA
Ethyl Benzene	SW8260B	NA	06/18/10	1	0.15	0.50	ND		ug/L	401296	NA
m,p-Xylene	SW8260B	NA	06/18/10	1	0.20	1.0	ND		ug/L	401296	NA
o-Xylene	SW8260B	NA	06/18/10	1	0.13	0.50	ND		ug/L	401296	NA
MTBE	SW8260B	NA	06/18/10	1	0.38	0.50	ND		ug/L	401296	NA
Diisopropyl ether (DIPE)	SW8260B	NA	06/18/10	1	0.36	0.50	ND		ug/L	401296	NA
ETBE	SW8260B	NA	06/18/10	1	0.40	0.50	ND		ug/L	401296	NA
TAME	SW8260B	NA	06/18/10	1	0.32	0.50	ND		ug/L	401296	NA
tert-Butanol	SW8260B	NA	06/18/10	1	1.5	5.0	ND		ug/L	401296	NA
1,2-Dichloroethane	SW8260B	NA	06/18/10	1	0.28	0.50	ND		ug/L	401296	NA
1,2-Dibromoethane	SW8260B	NA	06/18/10	1	0.19	0.50	ND		ug/L	401296	NA
(S) Dibromofluoromethane	SW8260B	NA	06/18/10	1	61.2	131	70.8		%	401296	NA
(S) Toluene-d8	SW8260B	NA	06/18/10	1	75.1	127	104		%	401296	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	06/18/10	1	64.1	120	92.8		%	401296	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	06/18/10	1	22	50	ND		ug/L	401297	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	06/18/10	1	58.4	133	63.9		%	401297	NA

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1006110	**Prep Method:**	3510_TPH	**Prep Date:**	06/18/10	**Prep Batch:**	0603
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	06/18/10	**Analytical Batch:**	401291
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
DRO	0.0287	0.10	ND	
TPH as Bunker Oil	0.0920	0.20	ND	
TPH as Cutting Oil	0.0920	0.20	ND	
TPH as Diesel	0.0287	0.10	ND	
TPH as Heating Oil	0.0920	0.20	ND	
TPH as Hydraulic Oil	0.0920	0.20	ND	
TPH as Jet A	0.0287	0.10	ND	
TPH as Jet Fuel	0.0287	0.10	ND	
TPH as JP-4	0.0287	0.10	ND	
TPH as JP-5	0.0287	0.10	ND	
TPH as JP-7	0.0287	0.10	ND	
TPH as JP-8	0.0287	0.10	ND	
TPH as Kerosene	0.0287	0.10	ND	
TPH as Mineral Oil	0.0287	0.10	ND	
TPH as Motor Oil	0.0920	0.20	ND	
TPH as Naphtha	0.0287	0.10	ND	
TPH as Oil	0.0920	0.20	ND	
TPH as Stoddard	0.0287	0.10	ND	
TPH as Transformer Oil	0.0920	0.20	ND	
Pentacosane (S)			89.2	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1006110	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	06/18/10	**Analytical Batch:**	401296
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
2-Chloroethyl vinyl ether	0.91	2.0	ND	
cis-1,3-Dichloropropene	0.30	0.50	ND	
Toluene	0.19	0.50	ND	
Tetrachloroethylene	0.15	0.50	ND	
trans-1,3-Dichloropropene	0.20	0.50	ND	
1,1,2-Trichloroethane	0.20	0.50	ND	
Dibromochloromethane	0.21	0.50	ND	
1,3-Dichloropropane	0.18	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	
m,p-Xylene	0.20	1.0	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1006110	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	06/18/10	**Analytical Batch:**	401296
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	0.13	0.50	ND	
Styrene	0.20	0.50	ND	
Bromoform	0.45	1.0	ND	
Isopropyl Benzene	0.28	0.50	ND	
Bromobenzene	0.39	0.50	ND	
1,1,2,2-Tetrachloroethane	0.26	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
2-Chlorotoluene	0.33	0.50	ND	
1,3,5-Trimethylbenzene	0.20	0.50	ND	
4-Chlorotoluene	0.32	0.50	ND	
tert-Butylbenzene	0.29	0.50	ND	
1,2,3-Trichloropropane	0.59	1.0	ND	
1,2,4-Trimethylbenzene	0.33	0.50	ND	
sec-Butyl Benzene	0.24	0.50	ND	
p-Isopropyltoluene	0.25	0.50	ND	
1,3-Dichlorobenzene	0.31	0.50	ND	
1,4-Dichlorobenzene	0.37	0.50	ND	
n-Butylbenzene	0.32	0.50	ND	
1,2-Dichlorobenzene	0.39	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND	
Hexachlorobutadiene	0.22	0.50	ND	
1,2,4-Trichlorobenzene	0.48	1.0	ND	
Naphthalene	0.57	1.0	ND	
1,2,3-Trichlorobenzene	0.52	1.0	ND	
(S) Dibromofluoromethane			89.9	
(S) Toluene-d8			86.5	
(S) 4-Bromofluorobenzene			95.2	

Work Order:	1006110	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	06/18/10	**Analytical Batch:**	401297
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			59.1	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1006110	**Prep Method:**	3510_TPH	**Prep Date:**	06/18/10	**Prep Batch:**	0603
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	06/18/10	**Analytical Batch:**	401291
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.029	0.10		1	88.1	86.3	2.02	46.2 - 109	30	
Pentacosane (S)				100	118	111		53.3 - 124		

Work Order:	1006110	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	06/18/10	**Analytical Batch:**	401296
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50		17.04	85.4	78.9	8.20	61.4 - 129	30	
Benzene	0.33	0.50		17.04	99.1	90.0	9.68	66.9 - 140	30	
Trichloroethylene	0.38	0.50		17.04	95.2	93.1	2.12	69.3 - 144	30	
Toluene	0.19	0.50		17.04	104	93.7	10.8	76.6 - 123	30	
Chlorobenzene	0.14	0.50		17.04	108	94.0	13.8	73.9 - 137	30	
(S) Dibromofluoromethane				11.36	91.5	79.8		61.2 - 131		
(S) Toluene-d8				11.36	89.8	83.5		75.1 - 127		
(S) 4-Bromofluorobenzene				11.36	85.1	81.7		64.1 - 120		

Work Order:	1006110	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	06/18/10	**Analytical Batch:**	401297
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50		227.27	112	113	0.191	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.36	101	68.7		58.4 - 133		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: ECM Group

Project Name: 5427 Telegraph, Oakland

Work Order No.: 1006110

Date and Time Received: 6/15/2010 13:17

Received By: NG

Physically Logged By: NG

Checklist Completed By: NG

Carrier Name: Gold Bullet Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	4	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?				

pH Checked by: pH Adjusted by:

Login Summary Report

Client ID:	TL5158 ECM Group	**QC Level:**	
Project Name:	5427 Telegraph, Oakland	**TAT Requested:**	5+ day:0
Project # :		**Date Received:**	6/15/2010
Report Due Date:	6/22/2010	**Time Received:**	13:17

Comments: 5 day TAT!!! Recv'd 1 groundwater for TPHg; BTEX ;Fuel Oxygenates Lead Scavenger and Stoddard Solvent.Pls. email to rguptel@ecmgrp.com.

Work Order # : ***1006110***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1006110-001A	MW-4	06/13/10 13:10	Water	07/30/10			TEPHMaster_WW_GCMS-GROW_8260PetWHA	

Sample Note: TPHg,BTEX,Oxys,Lead scav, Stoddard solvent.

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

RESET

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 1006110

Company Name: ECM Group	Location of Sampling: 5427 Telegraph, Oakland
Address: P.O. Box 802	Purpose:
City: Benicia State: CA Zip Code: 94510	Special Instructions / Comments: Bill direct to client
Telephone: (707) 751-0655 FAX: (707) 751-0653	
REPORT TO: Rachel Guptel SAMPLER: Zach Barbare	P.O. #: 07-181-04 EMAIL: rguptel@ecmgrp.com

TURNAROUND TIME:
☐ 10 Work Days ☐ 3 Work Days ☐ Noon - Nxt Day
☐ 7 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours
☒ 5 Work Days ☐ 1 Work Day ☐ Other

SAMPLE TYPE:
☐ Storm Water ☐ Air
☐ Waste Water ☐ Other
☒ Ground Water
☐ Soil

REPORT FORMAT:
☐ QC Level IV
☐ EDF
☐ Excel / EDD

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPH (G)	BTEX	5 OXY	Lead Scavengers	Stoddard Solvent					REMARKS
001A	MW-4	6/13/10 1310	Ground water	5	4 x 40ml vial 1 x 1L amber	X	X	X	X	X					
															Temp. 4°C

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	Zach Barbare	Zach Barbare	6/15/10	10:10	M. Vasquez		6/15/10	1010
2	M. Vasquez		6/15/10	13:17	M. Y. Khodasara		6-15-10	13:17

Were Samples Received in Good Condition? ☑ Yes ☐ NO Samples on Ice? ☑ Yes ☐ NO Method of Shipment Gold Bullet Sample seals intact? ☐ Yes ☐ NO ☑ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrange -ments are made. Page 1 of 1

Log In By: Date: Log In Reviewed By: Date:

APPENDIX D

WATER SAMPLING DATA SHEETS

WATER LEVEL & PRODUCT MEASUREMENTS

ECM Group

DATE: 6/9/10

PROJECT NAME & NUMBER: Telegraph 07-181-04

BY: ZB

	WELL ID	TIME MEASURED	DEPTH TO PRODUCT (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH	COMMENTS (well condition, odor, etc.)
3	MW-1		-	5.95	19.03	
5	MW-2		-	11.26	26.66	
4	MW-3		-	9.80	20.05	
2	MW-4		-	6.79	19.60	Car parked over well. Unable to sample. Return 6/13
1	MW-5		-	5.60	19.20	

WATER SAMPLING DATA

Job Name Telegraph Job Number 07-181-04

Well Number MW-1 Date 6/9/10 Time 1204

Well Diameter 2" Well Depth (spec.) _____ Well Depth (sounded) 19.03

Depth to Water (static) 5.15 TOC elev. _____

G.W. Elev. _____ Maximum Drawdown Limit (if applicable) _____

Initial height of water in casing 13.08 Volume 2.1 gallons

Total to be evacuated = 3 x Initial Volume 6.3 gallons

Formulas/Conversions
r = well radius in ft
h = ht of water col. in ft
vol. in cyl. = $\pi r^2 h$
7.48 gal/ft³
V_2" casing = 0.163 gal/ft
V_3" casing = 0.367 gal/ft
V_4" casing = 0.653 gal/ft
$V_{4.5}$" casing = 0.826 gal/ft
V_6" casing = 1.47 gal/ft

Stop Time	Start Time	Bailed	Pumped	Cum. Gal.

Pumped or Bailed Dry? ___Yes ___No After _____ gallons Recovery Rate _____

Water color _____ Odor _____

Description of sediments or material in sample: _____

Additional Comments: _____

CHEMICAL DATA

Reading No.	1	2	3	4	5	6	7
Time	1151	1154	1158				
Gallons	2.1	2.1	2.1				
Temp. (degree F)	68.0	67.4	67.0				
pH	6.69	6.55	6.54				
EC (umhos/cm)	1192	1202	1194				
Special Conditions							

SAMPLES COLLECTED

Sample ID ml	Bottle/ cap	Filtered (size, u)	Preservative (type)	Refrig. (R, NR)	Lab (Init)	Analysis Requested

Bottles: P = Polyethylene; Pp = Polypropylene; C or B = Clear/Brown Glass; O = Other (describe)
Cap Codes: Py = Polyseal; V = VOA/Teflon septa; M = Metal.

WATER SAMPLING DATA

Job Name Telegraph Job Number 07-181-04

Well Number MW-2 Date 6/9/10 Time 1426

Well Diameter 2" Well Depth (spec.) _____ Well Depth (sounded) 26.66

Depth to Water (static) 11.26 TOC elev. _____

G.W. Elev. _____ Maximum Drawdown Limit (if applicable) _____

Formulas/Conversions
r = well radius in ft
h = ht of water col. in ft
vol. in cyl. = $\pi r^2 h$
7.48 gal/ft³
V_2" casing = 0.163 gal/ft
V_3" casing = 0.367 gal/ft
V_4" casing = 0.653 gal/ft
$V_{4.5}$" casing = 0.826 gal/ft
V_6" casing = 1.47 gal/ft

Initial height of water in casing 15.4 Volume 2.5 gallons

Total to be evacuated = 3 x Initial Volume 7.5 gallons

Stop Time	Start Time	Bailed	Pumped	Cum. Gal.

Pumped or Bailed Dry? ___Yes ___No After _____ gallons Recovery Rate _____

Water color _____ Odor _____

Description of sediments or material in sample: _____

Additional Comments: _____

CHEMICAL DATA

Reading No.	1	2	3	4	5	6	7
Time	1410	1415	1419				
Gallons	2.5	2.5	2.5				
Temp. (degree F)	66.5	65.7	65.6				
pH	6.56	6.59	6.61				
EC (umhos/cm)	1456	1485	1491				
Special Conditions							

SAMPLES COLLECTED

Sample ID ml	Bottle/ cap	Filtered (size, u)	Preservative (type)	Refrig. (R, NR)	Lab (Init)	Analysis Requested

Bottles: P = Polyethylene; Pp = Polypropylene; C or B = Clear/Brown Glass; O = Other (describe)
Cap Codes: Py = Polyseal; V = VOA/Teflon septa; M = Metal.

WATER SAMPLING DATA

Job Name Telegraph Job Number 07-181-04

Well Number MW-3 Date 6/9/16 Time 1348

Well Diameter 2" Well Depth (spec.) _____ Well Depth (sounded) 20.65

Depth to Water (static) 9.80 TOC elev. _____

G.W. Elev. _____ Maximum Drawdown Limit (if applicable) _____

Initial height of water in casing _____ Volume 1.7 gallons

Total to be evacuated = 3 x Initial Volume 5.0 gallons

Formulas/Conversions
r = well radius in ft
h = ht of water col. in ft
vol. in cyl. = $\pi r^2 h$
7.48 gal/ft³
V_2" casing = 0.163 gal/ft
V_3" casing = 0.367 gal/ft
V_4" casing = 0.653 gal/ft
V_5" casing = 0.826 gal/ft
V_6" casing = 1.47 gal/ft

Stop Time	Start Time	Bailed	Pumped	Cum. Gal.

Pumped or Bailed Dry? ___Yes ___No After _____ gallons Recovery Rate _____

Water color _____ Odor _____

Description of sediments or material in sample: _____

Additional Comments: _____

CHEMICAL DATA

Reading No.	1	2	3	4	5	6	7
Time	1334	1338	1341				
Gallons	1.7	1.7	1.7				
Temp. (degree F)	69.0	67.2	66.7				
pH	6.59	6.61	6.61				
EC (umhos/cm)	1181	1176	1180				
Special Conditions							

1186

SAMPLES COLLECTED

Sample ID ml	Bottle/ cap	Filtered (size, u)	Preservative (type)	Refrig. (R, NR)	Lab (Init)	Analysis Requested

Bottles: P = Polyethylene; Pp = Polypropylene; C or B = Clear/Brown Glass; O = Other (describe)
Cap Codes: Py = Polyseal; V = VOA/Teflon septa; M = Metal.

WATER SAMPLING DATA

Job Name Telegraph Job Number 07-181-04

Well Number MW-4 Date 6/10/16 Time 1310

Well Diameter 2" Well Depth (spec.) _____ Well Depth (sounded) 19.55

Depth to Water (static) 6.95 TOC elev. _____

G.W. Elev. _____ Maximum Drawdown Limit (if applicable) _____

Initial height of water in casing 12.6' Volume 2 gallons

Total to be evacuated = 3 x Initial Volume 6 gallons

Formulas/Conversions
r = well radius in ft
h = ht of water col. in ft
vol. in cyl. = $\pi r^2 h$
7.48 gal/ft³
V_2" casing = 0.163 gal/ft
V_1" casing = 0.367 gal/ft
V_4" casing = 0.653 gal/ft
$V_{4.5}$" casing = 0.826 gal/ft
V_6" casing = 1.47 gal/ft

Stop Time	Start Time	Bailed	Pumped	Cum. Gal.

Pumped or Bailed Dry? ___Yes ___No After _____ gallons Recovery Rate _____

Water color _____ Odor _____

Description of sediments or material in sample: _____

Additional Comments: _____

CHEMICAL DATA

Reading No.	1	2	3	4	5	6	7
Time	1258	1302	1305				
Gallons	2	2	2				
Temp. (degree F)	70.6	66.4	64.6				
pH	6.68	6.38	6.47				
EC (umhos/cm)	606	601	620				
Special Conditions							

SAMPLES COLLECTED

Sample ID ml	Bottle/ cap	Filtered (size, u)	Preservative (type)	Refrig. (R, NR)	Lab (Init)	Analysis Requested

Bottles: P = Polyethylene; Pp = Polypropylene; C or B = Clear/Brown Glass; O = Other (describe)
Cap Codes: Py = Polyseal; V = VOA/Teflon septa; M = Metal

WATER SAMPLING DATA

Job Name Telegraph Job Number 07-181-04

Well Number MW-5 Date 6/9/10 Time 1047

Well Diameter 2" Well Depth (spec.) _____ Well Depth (sounded) 19.20

Depth to Water (static) 5.60 TOC elev. _____

G.W. Elev. _____ Maximum Drawdown Limit (if applicable) _____

Initial height of water in casing 13.6 Volume 2.2 gallons

Total to be evacuated = 3 x Initial Volume 6.6 gallons

Formulas/Conversions
r = well radius in ft
h = ht of water col. in ft
vol. in cyl. = $\pi r^2 h$
7.48 gal/ft³
V_2" casing = 0.163 gal/ft
V_3" casing = 0.367 gal/ft
V_4" casing = 0.653 gal/ft
$V_{4.5}$" casing = 0.826 gal/ft
V_6" casing = 1.47 gal/ft

Stop Time	Start Time	Bailed	Pumped	Cum. Gal.

Pumped or Bailed Dry? ___Yes ___No After _____ gallons Recovery Rate _____

Water color _____ Odor _____

Description of sediments or material in sample: _____

Additional Comments: _____

CHEMICAL DATA

Reading No.	1	2	3	4	5	6	7
Time	1034	1057	1041				
Gallons	2.2	2.2	2.2				
Temp. (degree F)	66.9	65.6	65.4				
pH	6.58	6.67	6.70				
EC (umhos/cm)	891	882	920				
Special Conditions							

SAMPLES COLLECTED

Sample ID ml	Bottle/ cap	Filtered (size, u)	Preservative (type)	Refrig. (R, NR)	Lab (Init)	Analysis Requested

Bottles: P = Polyethylene; Pp = Polypropylene; C or B = Clear/Brown Glass; O = Other (describe)
Cap Codes: Py = Polyseal; V = VOA/Teflon septa; M = Metal

APPENDIX E

ECM STANDARD OPERATING PROCEDURE

ECM STANDARD OPERATING PROCEDURE
GROUND WATER SAMPLING

The following describes sampling procedures used by ECM field personnel to collect and handle ground water samples. Before samples are collected, careful consideration is given to the type of analysis to be performed so that precautions are taken to prevent loss of volatile components or contamination of the sample, and to preserve the sample for subsequent analysis. Wells will be sampled no less than 24 hours after well development. Collection methods specific to ground water sampling are presented below.

Prior to sampling, each well is checked for the presence of free-phase hydrocarbons using an MMC flexi-dip interface probe. Product thickness (measured to the nearest 0.01 foot) is noted on the sampling form. Water level measurements are also made using either a water level meter or the interface probe. The water level measurements are also noted on the sampling form.

Prior to sampling, each well is purged of a minimum of three well casing volumes of water using a steam-cleaned PVC bailer, or a pre-cleaned pump. Temperature, pH and electrical conductivity are measured at least three times during purging. Purging is continued until these parameters have stabilized (i.e., changes in temperature, pH or conductivity do not exceed ±0.5 F, 0.1 or 5%, respectively).

Ground water samples are collected from the wells with steam-cleaned or disposable Teflon bailers. The water samples are decanted into the appropriate container for the analysis to be performed. Pre-preserved sample containers may be used or the analytic laboratory may add preservative to the sample upon arrival. Duplicate samples are collected from each well as a back-up sample and/or to provide quality control. The samples are labeled to include the project number, sample ID, date, preservative, and the field person's initials. The samples are placed in polyethylene bags and in an ice chest (maintained at 4 C with blue ice or ice) for transport under chain of custody to the laboratory.

The chain of custody form includes the project number, analysis requested, sample ID, date analysis and the ECM field person's name. The form is signed and dated (with the transfer time) by each person who yields or receives the samples beginning with the field personnel and ending with the laboratory personnel.

APPENDIX F

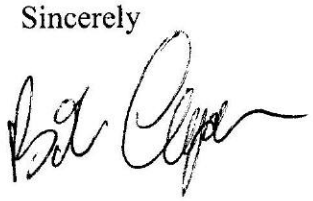
RESPONSIBLE PARTY CERTIFICATION

July 20, 2010

Bob Legallet
Telegraph Business Properties
1401 Griffith Street
San Francisco, CA 94214

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document is true and correct to the best of my knowledge.

Sincerely



Bob Legallet
Telegraph Business Properties