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Alameda County
Environmental Health

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

December 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**

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December 10, 2007

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

Re: **Monthly Discharge Report – November 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 did not operate awaiting a carbon change-out. The system is 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 – November 2007

cc: Mr. Satya Sinha, Chevron Environmental Management Company, 6001
Bollinger Canyon Road, San Ramon, CA 94583

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**CONESTOGA-ROVERS
& ASSOCIATES**

MONTHLY DISCHARGE REPORT – NOVEMBER 2007

Reporting Period Data Summary

Compliance Sampling Frequency	<u>Monthly</u>
Initial Totalizer Reading	<u>117,400 gallons</u>
Final Totalizer Reading	<u>117,400 gallons</u>
Discharged Volume	<u>0 gallons</u>
Average Discharge Flow Rate	<u>0 gallons per minute</u>
Maximum Discharge Flow Rate	<u>0 gallons per minute</u>
Discharge Violations or Exceedances	<u>None</u>

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

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

Sample Date	Influent			Midfluent 1			Effluent			pH
	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)	
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
10/04/07	34,000	1,500	40	< 50	< 0.5	< 0.5	< 50	< 0.5	< 0.5	7.92
10/08/07	45,000	2,400	45	150	4.1	< 0.5	< 50	< 0.5	< 0.5	7.36
10/19/07	42,000	2,300	38	< 50	1.2	< 0.5	< 50	< 0.5	< 0.5	7.3
10/25/07	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.3

Abbreviations & Notes:

Conc. = Concentration

µg/L = Micrograms per liter

NA = Not analyzed

NS = Not sampled

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

pH analyzed onsite with multimeter

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)	Cumulative Removal (pounds)	Benzene Conc. (µg/L)	Benzene Period Removal (pounds)	Cumulative Removal (pounds)	MTBE Conc. (µg/L)	MTBE Period Removal (pounds)	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
10/04/07	NA	65,765	21,465	2.13	65,554	34,000	6.090	22.982	1,500	0.269	0.984	40	0.007	0.025
10/08/07	NA	73,526	7,761	1.35	73,315	45,000	2.914	25.896	2,400	0.155	1.140	45	0.003	0.027
10/19/07	NA	97,500	23,974	1.51	97,289	42,000	8.402	34.298	2,300	0.460	1.600	38	0.008	0.035
10/25/07 b	NA	117,400	19,900	2.30	117,189	NS	6.974	41.273	NS	0.382	1.982	NS	0.006	0.041
Total Extracted Volume (gal):					117,189	Pounds Removed:		41.273	Pounds Removed:		1.982	Pounds Removed:		0.041
Average Operational Flow Rate (gpm):					1.89	Gallons Removed:		6.776	Gallons Removed:		0.270	Gallons Removed:		0.007

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

b = System shut down for carbon changeout.

Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x (g/10⁶µg) 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)⁻¹ (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

Sample Date	Effluent					pH
	TPHg Conc. (µg/L)	Benzene Conc. (µg/L)	Toluene Conc. (µg/L)	Ethylbenzene Conc. (µg/L)	Xylenes Conc. (µg/L)	
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	7.10
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	7.20
08/22/07	< 50	< 0.5	< 0.5	< 0.5	< 1.5	7.30
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	6.50
10/04/07	< 50	< 0.5	< 0.5	< 0.5	< 1.5	7.92
10/08/07	< 50	< 0.5	< 0.5	< 0.5	< 1.5	7.36
10/19/07	< 50	< 0.5	< 0.5	< 0.5	< 1.5	7.30
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 onsite with multimeter

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