

October 23, 2007
1603.044

Mr. Jeffery Hu
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, California 90013

Subject: Summary of Groundwater Monitoring Results
Third Quarter 2007 Sentry Monitoring Event
Defense Fuel Support Point, Norwalk
15306 Norwalk Boulevard, Norwalk, California

Dear Mr. Hu:

Geomatrix Consultants, Inc. (Geomatrix), is submitting this letter on behalf of SFPP, L.P., an operating partnership of Kinder Morgan Energy Partners, L.P. (KMEP), to summarize the groundwater monitoring results for the third quarter 2007 sentry event conducted at the Defense Fuel Support Point, Norwalk located at 15306 Norwalk Boulevard, Norwalk, California (DFSP, the site). Third quarter 2007 sentry monitoring activities were performed on behalf of SFPP by SECOR International Incorporated (SECOR) during August 28 through August 30, 2007. Groundwater elevations and analytical data for wells monitored during this event are summarized in Table 1 and Table 2, respectively, and are briefly discussed below.

- 1) Groundwater elevations have generally increased in the uppermost aquifer and decreased in the Exposition aquifer beneath the site since April 2007.
- 2) No volatile organic compounds (VOCs) were detected in groundwater samples collected from Exposition aquifer monitoring wells.
- 3) In the southern off-site area, benzene concentrations decreased in GMW-O-14 and remained non-detected in wells GMW-O-1, GMW-O-2, and GMW-O-3.
- 4) In the southeastern area, free product was again not detected in GMW-36 and the well was sampled. MTBE concentrations have generally decreased in this area since May 2007.
- 5) Wells GMW-1, MW-SF-4, and PZ-10 near the intermediate 24-inch block valve area were monitored voluntarily by KMEP during the sentry event. Well MW-SF-4 contained product and was not sampled; this well historically has contained product. In this area, concentrations of TPH decreased since May 2007 and BTEX and MTBE were not detected.



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- 6) In the western off-site area, concentrations of 1,2-DCA and MTBE were detected in only one well (WCW-7) during this sampling event at concentrations below the risk-based corrective action levels for 1,2-DCA (70 µg/L) and MTBE (40 µg/L).
- 7) Well MW-9, near the truck rack area, was monitored during third quarter 2007 based on the May 2007 TPHfp results. This well contained free product during third quarter 2007 and groundwater samples were not collected.

Please contact Shioh-Whei Chou at (949) 642-0245 if you have any questions.

Sincerely yours,
GEOMATRIX CONSULTANTS, INC.

Shioh-Whei Chou, PE
Project Engineer

Attachments:

Table 1 Summary of Groundwater Elevations, Third Quarter 2007 Sentry Event
Table 2 Summary of Groundwater Analytical Data, Third Quarter 2007 Sentry Event

cc: Mr. Steve Osborn, KMEP
 Mary Jane McIntosh – RAB
 Eugene Garcia – RAB
 Wanda Sterner – RAB
 David Caughey – RAB
 William Miller – RAB
 Bob Hoskins – RAB
 Tracy Winkler – RAB
 Lt. Col. Jon Ramer – DESC
 Redwan Hassan – Parsons
 Adriana Figueroa – City of Norwalk
 Joe Holdren – City of Cerritos
 Nancy Matsumoto – Water Replenishment District
 Paul Bielman – Norwalk Regional Library

TABLE 1
SUMMARY OF GROUNDWATER ELEVATIONS
THIRD QUARTER 2007 SENTRY EVENT
 DFSP Norwalk

Well	Date	Top of Casing Elevation ¹	Depth to Product (feet) ²	Depth to Water (feet) ²	Apparent Product Thickness (feet)	Groundwater Elevation ¹
EXP-1	08/28/07	78.44	---	51.38	---	27.06
EXP-2	08/28/07	79.43	---	51.31	---	28.12
EXP-3	08/28/07	77.58	---	50.61	---	26.97
EXP-5	08/28/07	72.41	---	45.86	---	26.55
GMW-1	08/28/07	74.77	---	19.70	---	55.07
GMW-30	08/28/07	74.91	---	24.65	---	50.26
GMW-36	08/28/07	74.53	---	24.31	---	50.22
GMW-38	08/28/07	75.47	---	25.29	---	50.18
GMW-39	08/28/07	75.05	---	25.15	---	49.90
GMW-O-1	08/28/07	71.45	---	22.50	---	48.95
GMW-O-2	08/28/07	72.54	---	22.54	---	50.00
GMW-O-3	08/28/07	72.19	---	21.87	---	50.32
GMW-O-14	08/28/07	74.08	---	22.45	---	51.63
GMW-O-23	08/28/07	73.63	---	23.00	---	50.63
GMW-SF-7	08/28/07	75.26	---	25.02	---	50.24
MW-8	08/28/07	76.06	---	26.90	---	49.16
MW-9	08/28/07	77.11	25.29	26.88	1.59	NA ⁴
MW-O-1	08/28/07	75.48	23.06	23.07	0.01	NA
MW-SF-1	08/28/07	78.93	---	27.94	---	50.99
MW-SF-4	08/28/07	79.38	28.30	29.95	1.65	NA
MW-SF-5	08/28/07	79.74	---	28.84	---	50.90
MW-SF-9	08/28/07	74.10	---	20.55	---	53.55
MW-SF-11	08/28/07	78.56	---	28.22	---	50.34
MW-SF-12	08/28/07	78.07	---	27.58	---	50.49
MW-SF-13	08/28/07	73.40	---	22.85	---	50.55
MW-SF-14	08/28/07	78.16	---	27.53	---	50.63
MW-SF-15	08/28/07	78.27	27.61	27.65	0.04	NA
MW-SF-16	08/28/07	78.21	---	27.51	---	50.70
PZ-5	08/28/07	73.97	---	23.85	---	50.12
PZ-10	08/28/07	74.34	---	22.67	---	51.67
WCW-3	08/28/07	76.16	---	27.43	---	48.73
WCW-7	08/28/07	76.44	---	26.70	---	49.74
WCW-13	08/28/07	77.70	---	28.31	---	49.39

Notes:

1. Feet above mean sea level, based on Los Angeles County Datum, 1980.
2. Below top of casing.
3. --- = product not detected.
4. NA = not applicable.

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL DATA
THIRD QUARTER 2007 SENTRY EVENT
DFSP Norwalk

Results reported in micrograms per liter (µg/l)

Well	Sample Date	TPHg ¹	TPHfp ²	Benzene	Toluene	Ethylbenzene	Xylenes ³	1,2-DCA ⁴	MTBE ⁵
EXP-1	08/29/2007	<50 ⁶	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
EXP-2	08/29/2007	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
EXP-3	08/30/2007	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
EXP-5	08/28/2007	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
GMW-1	08/30/2007	520	910	<1.5	<1.5	<1.5	<1.5	<3	<1.5
GMW-1 DUP ⁷	08/29/2007	560	910	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
GMW-36	08/29/2007	30000	9800	4100	4200	420	4500	120	890
GMW-38	08/30/2007	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
GMW-39	08/29/2007	<500	<100	<2.5	<2.5	<2.5	<2.5	<5	3.6
GMW-O-1	08/28/2007	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
GMW-O-2	08/28/2007	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
GMW-O-3	08/28/2007	65	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
GMW-O-14	08/28/2007	12000	6200	75	110	200	1000	<5	<2.5
GMW-O-14 DUP	08/28/2007	8900	14000	83	110	170	840	<5	<2.5
GMW-SF-7	08/30/2007	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-8	08/29/2007	<200	<100	<1	<1	<1	<1	<2	<1
MW-SF-1	08/30/2007	16000	9000	6000	210	550	290	<100	430
PZ-5	08/29/2007	380	<100	<1	<1	<1	<1	<2	480
PZ-5 DUP	08/28/2007	360	<100	<1	<1	<1	<1	<2	460
PZ-10	08/30/2007	<200	1000	<1	<1	<1	<1	<2	<1
WCW-13	08/28/2007	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WCW-3	08/28/2007	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WCW-7	08/28/2007	<50	<100	<0.5	<0.5	<0.5	<0.5	56	7.1

Notes:

1. TPHg = total purgeable petroleum hydrocarbons quantified against a gasoline standard.
2. TPHfp = total extractable petroleum hydrocarbons quantified against a site fuel product standard.
3. Xylenes = total of m,p-xylene and o-xylene when detected.
4. 1,2-DCA = 1,2-dichloroethane.
5. MTBE = methyl tert-butyl ether.
6. <50 = not detected at or above the reporting limit shown.
7. DUP = duplicate sample.