

August 3, 2011

Mr. Paul Cho, PG, Site Cleanup Unit IV
California Environmental Protection Agency
California Regional Water Quality Control Board, Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, California 90013

**Re: Remedial System Monthly Operational Summary Report for July 2011
DFSP Norwalk Facility, Norwalk**

Dear Mr. Cho:

Parsons is transmitting the remedial system monthly summary report for July 2011 for the DFSP Norwalk Facility in Norwalk, California. This report will summarize remedial system operation for the month and include description of down time and individual well statistics.

Groundwater Extraction System

Groundwater extraction operated continuously for the month of July 2011 except as noted in Table 1.

Table 1								
Groundwater Treatment System							July 2011	
Well ID	Flow Meter Readings							
	GW-2/GW-13		GW-15		GW-16		Discharge Total ¹	
Date/Time	Volume (gal)	Flow (gpm)	Volume (gal)	Flow (gpm)	Volume (gal)	Flow (gpm)	Volume (gal)	Flow (gpm)
7/1/2011 10:00 ²	7261057.5	9.5	4042120	10	1850452.5	7.5	54954250	36
7/5/2011 8:00 ³	7296748.5	--	4074835	--	1877838.1	--	55044950	6
7/14/2011 8:55 ⁴	7309716.5	9.2	4087605	8.5	1888116.5	7.5	55080680	38
7/15/2011 13:15	7325450	9.3	4101975	8	1900512.5	7	55121200	31
7/18/2011 15:20 ²	7351469.2	8.4	4125680	10	1920729	7.3	55187220	39
7/20/2011 14:15	7375318	--	4147334	--	1939749.7	--	55249030	12
7/21/2011 13:10 ²	7380237.5	9.4	4152410	8.5	1943701.5	9	55264515	38
7/22/2011 10:00 ⁴	7391484	9.2	4166230	8	1952376.5	8	55291515	39
7/26/2011 10:15 ²	7415658.5	9	4185140	9.5	1971840	7.2	55355210	38
7/27/2011 15:00	7431376.5	9	4199765	8.5	1984500	7.5	55397025	28

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Table 1 (continued)								
Groundwater Treatment System							July 2011	
7/29/2011 11:35 ⁵	7445049.9	9	4212050	8.5	1995469.5	7.6	55431215	19
Total Volume (Gal) Removed from Well	188,544.4		174,530		148,499		489,205	

1. Total Discharge processed under NPDES permit no. CAG994004 CI-7585
2. Bag and MX-7 filters replaced.
3. GWTS shut down for quarterly groundwater monitoring event. GWTS restarted 7/14/2011
4. Process samples collected for VOCs.
5. Monthly Effluent sample collected.

Vapor Extraction System

Vapor extraction operated continuously for the month of July 2011 except as noted in Table 2. Vapor extraction wells VEW-32, VEW-33, VEW-34, VEW-35, VEW-36 and VEW-37 (Eastern Boundary Wells) and horizontal wells HW-1, HW-3, HW-5 and HW-7 (covering the expanse of the above ground storage tank area) were on-line during operation.

Table 2									
Vapor Extraction System							July 2011		
Date/Time	Run Time (Hours)	VES Flow (cfm)	Temp (deg,F)	GAC-1		GAC-2		GAC-3	
				Pres. (In w.c.)	Temp (deg, F)	Pres. (In w.c.)	Temp (deg, F)	Pres. (In w.c.)	Temp (deg, F)
7/1/2011 10:00	3652.8	150	130.8	19	114	13	104	8	98
7/5/2011 8:15 ¹	3748.5	157	124.9	21	110	15	104	9	98
7/14/2011 9:00 ²	3965.2	160	110.5	21	92	15	92	9	90
7/15/2011 13:00 ³	3993.3	156	127.9	21	116	15	104	9	98
7/18/2011 14:30	4066.7	150	133	21	125	14	114	9	104
7/20/2011 14:20	4114.6	153	131.2	21	120	15	112	9	104
7/21/2011 13:10	4137.4	157	126.9	21	114	14	102	9	100
7/22/2011 8:55 ³	4157.1	157	111.2	21	92	14	92	9	90
7/26/2011 10:25	4254.6	155	129	20	116	14	106	9	102
7/27/2011 14:15 ⁴	4282.5	154	125.6	20	112	14	104	9	100
7/29/2011 11:35	4327.8	156	126.1	21	110	14	103	8	96

Footnotes:

1. VES shut down for quarterly groundwater monitoring event
 2. VES restarted following completion of groundwater monitoring event
 3. Weekly compliance samples collected
 4. Monthly compliance samples collected
- cfm-cubic feet per minute
 In w.c.-Pressure measured in inches of water column
 "Hg-Pressure measured in inches of mercury
 psi-Pressure measured in pounds per square inch



Mr. Cho

Remedial System Monthly Summary Report for July 2011

If you have any questions, please call me at 602-734-1083 or Mary Lucas at 626-440-6032.

Sincerely,

PARSONS



Redwan Hassan, PG
Project Manager

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