

October 18, 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 September 2011
 DFSP Norwalk Facility, Norwalk**

Dear Mr. Cho:

Parsons is transmitting the remedial system monthly summary report for September 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 September 2011 except as noted in Table 1.

Table 1								
Groundwater Treatment System					September 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)
9/1/2011 14:20 ²	7838553.0	9.0	4521510	7.0	2157415.2	0*	56240890	38
9/7/2011 14:55	7921873.0	9.6	4581475	7.0	2157415.2	0*	56375740	32
9/9/2011 10:55 ³	7947267.6	9.2	4599395	6.0	2157415.2	11	56416450	28
9/12/2011 12:15 ⁴	7956263.0	9.5	4606750	8.5	2168360.0	12	56442260	35
9/14/2011 10:10 ⁵	7981386.0	9.5	4626125	7.0	2188793.5	7.4	56504645	35
9/16/2011 10:35	8008933.0	9.5	4645220	6.0	2209530.0	7.2	56568445	26
9/20/2011 11:15 ⁶	8019348.0	9.1	4657279	8.0	2217780.7	7.4	56596500	36
9/21/2011 13:15	8033144.0	9.4	4668142	7.5	2228389.0	7.0	56632315	32
9/23/2011 8:15 ⁷	8054653.0	9.2	4684380	8.5	2244664.5	7.0	56682620	9
9/26/2011 11:15	8096417.4	9.2	4692545	8.0	2276783.5	7.2	56760430	26
9/28/2011 10:00 ⁶	8106630.0	9.2	4700950	8.0	2284741.0	7.0	56785018	34
9/29/2011 7:33	8118135.6	9.5	4709575	7.0	2293186.0	7.0	56813500	30

Remedial System Monthly Summary Report for September 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)
9/30/2011 10:02 ⁸	8132054.1	9.3	4720300	8.0	2304000.0	7.0	56845600	16
Total Volume (Gal) Removed from Well	307,183.5		209,092		146,595		626,322	

1. Total Discharge processed under NPDES permit no. CAG994004 CI-7585. Totalizer flow is independent of inlet flows. Inlet well flow is routed to surge tank for storage until water level triggers operation of GWTS.

2. GW-16 line broken below grade, pump shut down awaiting repair.

3. GW-16 pump tied in to GW-15 line at t-connection. GW-16 pump restarted operation 10:20. Collected VOC process samples from Surge Tank, After GAC-1, and Effluent

4. Bag filters replaced. GW-16 flowrate reduced to 7.5 gpm.

5. VOC process samples collected on 9/13/11 from Surge Tank, After MX-7, After MW-21, and After GAC-3

6. Bag and MX-7 filters replaced.

7. Bag and MX-7 filters replaced. Collected VOC process samples on 9/22/11 from Surge Tank, After GAC-1, and Effluent.

8. Monthly NPDES compliance sample collected.

Vapor Extraction System

Vapor extraction operated continuously for the month of September 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.

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)
9/1/2011 14:25	5146.6	155	124.9	22	114	15	106	10	100
9/7/2011 13:00 ¹	5289.2	154	142.3	27	124	16	120	10	114
9/23/2011 15:35 ²	5295.4	146	119.1	18	100	12	88	8	80
9/26/2011 11:30	5363.3	145	119.1	19	98	13	98	8	90
9/28/2011 10:23	5410.2	165	107.8	22	90	15	92	10	90
9/30/2011 9:40 ³	5434.2	158	109.4	20	100	14	92	9	86

Footnotes:

1. Temperature permit limit (140°F) exceeded, VES shut down. Blower oil changed.

2. VES off-line to assess temperature overage and chart recorder malfunction, restarted at 15:00. Chart recorder to be reprogrammed.

3. 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 September 2011

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

Sincerely,

PARSONS



Redwan N. Hassan, PG
Project Manager

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