

September 8, 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 August 2011
DFSP Norwalk Facility, Norwalk**

Dear Mr. Cho:

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

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)
8/1/2011 12:30 ²	7456052.7	9.5	4223652	9.5	2004124.5	8	55460940	38
8/3/2011 8:35	7480460.8	9.3	4245002	8	2023462	7.5	55523690	24
8/4/2011 13:00	7494236.5	9.2	4256705	8	2023462	7.2	55557450	13
8/5/2011 14:10 ³	7498392.5	9.3	4260465	9.5	2037225	7	55568725	37
8/8/2011 13:15	7538668.0	8.6	4294105	9	2069347	7.5	55671090	24
8/10/2011 9:40	7563877.0	9.4	4313976	8	2089082	7.5	55733190	25
8/12/2011 12:15	7591978.0	9.5	4335610	7	2111110	7.5	55802232	28
8/15/2011 11:10 ⁴	7632692.0	9.6	4367925	7	2111188	7.2	55870360	31
8/17/2011 13:55 ⁵	7661705.5	9.5	4390340	7.5	--	0*	55919790	33
8/19/2011 15:20	7690164.5	9.5	4411065	8.5	2113008.0	7.5	55965030	30
8/22/2011 10:00	7727842.5	9.5	4439002	7.0	2143896.5	8	56057313	24
8/24/2011 14:25 ⁶	7756986.0	9.5	4458060	9.5	2157272.3	0*	56104165	38

Remedial System Monthly Summary Report for August 2011

Groundwater Treatment System							August 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)
8/26/2011 16:10 ⁷	7757451.0	9.2	4458390	8.5	2157312.0	0.5*	56106025	38
8/30/2011 14:34 ^{7,8}	7811242.6	9.7	4500939	8	2157419.2	0*	56197010	20
8/31/2011 14:16 ⁷	7824870.6	9.5	4511208	7	2157405.2	0*	56219278	36
Total Volume (Gal) Removed from Well	379,820.7		299,158		161,936		788,063	

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. Bag and MX-7 filters replaced.

3. Bag and MX-7 filters replaced. Process sample collected after GAC-3.

4. GW-16 off between 8/12/2011 @ 14:00 and 8/15/2011 @ 12:30, break in line and repair.

5. GW-16 line broken. Repaired and back on-line 15:00.

6. GWTS shut down 8/24 @ 14:30 for carbon change-out. Bag and MX-7 filters also replaced before GWTS restart on 8/26 at 16:00.

7. GW-16 removed from service to locate and correct cause for depleted flow.

8. Quarterly NPDES compliance sample collected.

Vapor Extraction System

Vapor extraction operated continuously for the month of August 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) where on-line during operation.

Vapor Extraction System							August 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)
8/1/2011 12:30	4400.7	147	134.4	20	116	14	112	8	104
8/3/2011 10:45	4447.0	155	131.2	20	114	14	105	9	100
8/4/2011 13:10	4473.3	152	135.1	20	112	14	109	9	104
8/5/2011 13:55 ¹	4498.1	153	129.7	20	110	14	108	9	102
8/8/2011 13:10	4569.4	152	130.8	20	108	14	106	9	102
8/10/2011 9:45	4614.0	155	113.0	20	90	13	92	8	88
8/12/2011 13:25 ¹	4665.7	146	133.3	20	110	13	108	8	102
8/15/2011 11:15	4735.4	147	134.1	20	114	13	108	8	102
8/17/2011 13:50	4786.1	144	137.7	20	116	14	112	8	104
8/19/2011 15:30 ¹	4835.6	144	131.2	20	106	13	110	8	103
8/22/2011 10:05	4902.3	147	125.6	20	108	13	102	8	96
8/24/2011 14:35	4954.8	141	138.4	20	116	14	118	8	108



Mr. Cho

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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)
8/26/2011 13:20 ²	5001.5	145	139.8	19	120	14	116	8	110
8/30/2011 14:51	5099.1	156	126.9	22	115	15	109	10	102
8/31/2011 14:08	5122.4	153	124.9	22	108	16	108	10	102

Footnotes:

1. Weekly compliance samples collected
 2. 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

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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