

November 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 October 2011
 DFSP Norwalk Facility, Norwalk**

Dear Mr. Cho:

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

Table 1								
Groundwater Treatment System							October 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)
10/14/2011 14:15 ²	8140755	9	4727550	7.5	2310036	7	56868810	36
10/17/2011 9:50	8177400	9.2	4756460	7.0	2337914	7	56958755	33
10/19/2011 9:35 ³	8203615	9.2	4775668	7.0	2357470	7	57020140	28
10/21/2011 8:53	8229971.3	9.3	4794400	8.0	2377330	7	57083347	22
10/24/2011 10:05	8270529.9	8.2	4822339	8.0	2407875.5	6.9	57176032	24
10/26/2011 11:55	8311118.5	9.3	4849890	6.5	2438328	7	57270810	24
10/28/2011 10:00 ⁴	8323244.5	9.3	4858225	6.0	2447680	7	57298660	24
10/31/2011 9:00	8362506.5	9.3	4884175	6.5	2476848	7	57389020	22

Remedial System Monthly Summary Report for October 2011

Groundwater Treatment System							October 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)
Total Volume (Gal) Removed from Well	230,452.4		163,875		172,848		543,420	

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. GWTS shut down October 3rd at 10:00, GWTS restarted October 14th at 12:30 after quarterly GWM. Bag and MX-7 filters replaced. Replaced gauge P-10.

3. Collected VOC process samples from After GAC-3 and Surge Tank.

4. Monthly NPDES compliance sample collected.

Vapor Extraction System

Vapor extraction operated continuously for the month of October 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.

Vapor Extraction System							October 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)
10/14/2011 14:35 ^{1,2}	5723.9	142	133.3	20	112	13	102	8	96
10/17/2011 10:00	5791.3	142	125.2	20	114	14	100	8	94
10/19/2011 9:25 ²	5837.7	152	107.8	20	88	14	88	8	84
10/21/2011 10:02	5887.4	155	114.1	20	98	13	91	8	89
10/24/2011 12:51	5962.2	153	115.2	19	98	13	98	8	90
10/26/2011 12:00	6033.3	153	131.5	20	110	13	99	8	91
10/28/2011 10:20 ^{2,3}	6055.6	153	124.5	20	110	13	94	8	88
10/31/2011 9:05	6126.4	121	115.5	20	100	13	96	8	90

Footnotes:

1. VES shut down October 3rd at 11:30 for 4th quarter groundwater monitoring event. VES restarted on October 14th at 12:30.

2. VES weekly PID readings taken.

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 October 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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