

March 15, 2011

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

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

Dear Mr. Cho:

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

<b>Table 1 Groundwater Extraction System Operation – February 2011</b>								
Well ID	Flow Meter Readings							
	GW-2/GW-13		GW-15		GW-16		Discharge Total <sup>1</sup>	
Date/Time	Volume (gal)	Flow (gpm)	Volume (gal)	Flow (gpm)	Volume (gal)	Flow (gpm)	Volume (gal)	Flow (gpm)
2/3/2011 08:09 <sup>2</sup>	6551248.0	0*	3083593	10	1172431.4	0*	52725278	10
2/4/2011 13:03	6562312.4	9.5	3094293	9.0	1177747.5	4.4	52773800	28
2/8/2011 18:30 <sup>3</sup>	6579533.3	9.0	3111925	10	1186025.0	4.4	52773800	33
2/9/2011 16:37 <sup>4</sup>	6591293.2	9.0	3123246	10	1191719.0	4.6	52841427	32
2/10/2011 12:48 <sup>5</sup>	6601907.6	9.0	3133511	*	1195898.2	5.8	52865956	27
2/11/2011 11:04 <sup>6</sup>	6612589.3	9.0	3143505	10	1202886.0	6.0	52890515	16
GWTS well operation suspended on 2/11/2011 for eastern boundary and park groundwater level investigation. GAC change-out on 2/24/2011. GWTS resumed normal operation on 2/25/2011.								
2/25/2011 11:04 <sup>7</sup>	6612589.3	9.0	3143505	10	1202886.0	6.0	52890515	16
Total Volume (Gal) Removed from Well	61,341.3		59,912		30,454.6		165,237	

Mr. Cho

Remedial System Monthly Summary Report for February 2011

Footnotes:

1. Total Discharge processed under NPDES permit no. CAG994004 CI-7585
  2. Bag and MX-7 filters change out. GW-16 and GW-2/GW-13 no flow on arrival.
  3. Bag, MX-7 and MX-21 filters replaced.
  4. Bag filters replaced.
  5. GW-15 flow meter malfunction, flow measurement not available.
  6. MX-7 filters replaced.
  7. Bag filters replaced.
- \* Groundwater treatment system (GWTS) power outage. Electrician contracted to investigate and restore power.

Vapor Extraction System

Vapor extraction operated continuously for the month of February 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) on-line from February 1<sup>st</sup> through 28<sup>th</sup>. Vapor extraction system operation expanded to include horizontal wells HW-1, HW-3, HW-5 and HW-7 (covering the expanse of the above ground storage tank area) beginning February 25<sup>th</sup>.

<b>Table 2</b>									
<b>Vapor Extraction System Operation – February 2011</b>									
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)
2/2/2011 8:58	342.4	389	94.9	30	89	22	70	15	62
2/3/2011 9:08	366.6	393	95.3	30	89	22	71	15	70
2/4/2011 12:44	394.2	390	111.0	30	90	22	89	14.5	89
2/8/2011 18:00	496.1	389	94.3	30	79	22	79	14.5	79
2/9/2011 16:40	517.9	388	107.6	29	87	22	81	14	73
2/10/2011 12:38	528.1	393	115.3	29	92	22	91	14	83
2/11/2011 12:15	561.7	388	118.0	29	98	22	90	14	89
2/14/2011 14:51	636.3	392	107.0	29	89	22	85	14	88
2/15/2011 16:05	661.3	395	102.7	29	82	22	89	14	85
2/16/2011 14:10	683.4	365	95.0	30	80	22	80	15	80
2/18/2011 16:09	713.4	283	50.6	18	59	12	63	8	61
2/21/2011 7:59	777.2	487	76.1	30	69	22	69	15	61
2/22/2011 12:58	806.1	473	104.3	29	88	21	82	14	81
2/24/2011 16:50	857.9	488	91.6	29	79	22	80	14	75
2/25/2011 12:30*	873.7	296	98.1	18	80	12	72	8	71
2/28/2011 12:30	945.7	404	122.8	19	91	14	99	8	89

Footnotes:

- 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  
 GAC-granular activated carbon  
 \*Extraction begins from horizontal wells.



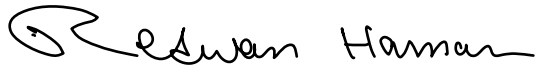
Mr. Cho

Remedial System Monthly Summary Report for February 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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