

July 6, 2012

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

**Subject: Remedial System Operational Summary Report for June 2012
Defense Fuel Support Point Norwalk Facility, Norwalk, California**

Dear Mr. Cho:

Parsons is transmitting the remedial system monthly summary report for June 2012 for the Defense Fuel Support Point (DFSP) Norwalk Facility in Norwalk, California on behalf of the Defense Logistics Agency (DLA) Energy. This report will summarize remedial system operation for the month and include description of down time and individual well statistics.

Groundwater Extraction System

The groundwater extraction system operated for an estimated 99.9 percent for the month of June 2012. System operation was ceased for routine system O&M as noted in Table 1. Taking into account the planned and scheduled downtime, the system operated for an estimated 99.8 percent during the reporting month.

**Table 1
Groundwater Extraction System Operation Summary
June 2012**

Well ID	Flow Meter Readings							
	GW-2/GW-13		GW-15		GW-16		Discharge Total ¹	
Date - Time	Volume (gal)	Flow (gpm ²)	Volume (gal)	Flow (gpm)	Volume (gal)	Flow (gpm)	Volume (gal)	Flow (gpm)
6/1/2012 1230	9975152.0	9.2	6053914	4.5	3597078.2	4.2	61104445	33
6/4/2012 0840	10012714.0	9.1	6071323	4.0	3614463.2	4.3	61171060	33
6/6/2012 1115	10040862.0	9.2	6084282	4.5	3627505.0	4.3	61223628	30
6/7/2012 0755	10052233.0	9.1	6089355	4.5	3632646.2	4.3	61242560	30
6/11/2012 0930	10106417.5	9.1	6113846	4.5	3657548.3	4.5	61339850	26

Table 1 (Continued)
Groundwater Extraction System Operation Summary
June 2012

Well ID	Flow Meter Readings							
	GW-2/GW-13		GW-15		GW-16		Discharge Total ¹	
Date - Time	Volume (gal)	Flow (gpm ²)	Volume (gal)	Flow (gpm)	Volume (gal)	Flow (gpm)	Volume (gal)	Flow (gpm)
6/12/2012 0757	10118926.6	9.4	6119360	4	3663268.0	4.4	61364111	23
6/15/2012 1025 ³	10160540.5	9.5	6136676	4	3681841.0	4.3	61435982	34
6/18/2012 1010	10201584.0	9.5	6153881	4	3700293.5	4.3	61508465	35
6/19/2012 1202	10216161.9	9.4	6160051	4	3707012.4	4.2	61532860	36
6/21/2012 1430	10224672.5	9.5	6171603	4	3719698.2	4.3	61582450	35
6/22/2012 1410	10258067.0	9.4	6177000	4	3725724.0	4.2	61606035	35
6/25/2012 1315	10298358.5	9.5	6193058	4	3743930.0	4.4	61676575	33
6/28/2012 1030	10337550.0	9.5	6208362	4	3761474.0	4.3	61745851	28
Total Volume (Gal) Removed from Well	249,520.5		117,689.0		122,620.0		478,005.0	

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. gpm= gallon per minute.

3. Replaced bag filters.

Vapor Extraction System

The vapor extraction system operated continuously during the month of June. System operation is summarized 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 former above ground storage tank area) were on-line during operation for this reporting period.

Table 2
Vapor Extraction System Operation Summary
June 2012

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)
6/1/2012 0840	10619.9	156	109	21	90	14	90	9	86
6/5/2012 1304	10648.4	150	122	21	110	14	101	9	92
6/7/2012 0745 ¹	10691.0	151	117	20	100	14	96	8	90

Mr. Cho

Remedial System Operational Summary Report for June 2012

**Table 2 (continued)
Vapor Extraction System Operation Summary
June 2012**

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)
6/11/2012 940	10788.9	153	117	20	100	14	96	9	90
6/12/2012 0840	10812.0	155	115	20	99	14	93	9	80
6/15/2012 0920 ¹	10884.6	152	107	20	88	14	88	8	82
6/18/2012 1020	10957.6	151	117	20	100	14	96	8	90
6/19/2012 1245	10984.1	151	129	20	119	14	100	9	95
6/21/12 1425	11033.6	145	127	20	120	14	106	8	98
6/22/2012 1345 ¹	11056.9	147	128	20	115	14	104	8	98
6/25/2012 1320	11128.6	145	132	20	122	14	110	8	100
6/28/2012 1000 ^{1,2}	11197.2	143	130	20	119	14	104	8	100

Footnotes:

1. VES weekly PID readings taken.
 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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