

February 13, 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

**Re: Remedial System Monthly Operational Summary Report for January 2012
 Defense Fuel Support Point Norwalk Facility, Norwalk, California**

Dear Mr. Cho:

Parsons is transmitting the remedial system monthly summary report for January 2012 for the Defense Fuel Support Point (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

In taking into account the planned downtime for routine operation and maintenance (O&M) tasks and permit compliance sampling and not including it, the groundwater extraction system operated for an estimated 98.3 percent for the month of January 2012. System operation was ceased for routine system maintenance as noted in Table 1.

| Well ID | Flow Meter Readings | | | | | | Discharge Total ¹ | |
|--------------------------------|---------------------|------------|--------------|------------|--------------|------------|------------------------------|------------|
| | GW-2/GW-13 | | GW-15 | | GW-16 | | | |
| Date/Time | Volume (gal) | Flow (gpm) | Volume (gal) | Flow (gpm) | Volume (gal) | Flow (gpm) | Volume (gal) | Flow (gpm) |
| 1/16/2012 12:35 ^{2,3} | 8969379.5 | 9.5 | 5311462 | 7.0 | 2921750 | 6.8 | 58794682 | 30 |
| 1/18/2012 14:16 | 8994848.6 | 9.3 | 5328800 | 10.0 | 2939247.0 | 6.5 | 58851400 | 8 |
| 1/19/2012 14:53 ⁴ | 8998156.0 | 9.2 | 5331215 | 7.0 | 2941310.0 | 6.6 | 58860565 | 35 |
| 1/20/2012 8:20 ⁵ | 9007740.5 | 9.2 | 5338120 | 6.5 | 2948357.0 | 6.8 | 58881865 | 35 |
| 1/23/2012 10:30 ⁴ | 9028409.5 | 8.5 | 5353010 | 7.0 | 2963358.0 | 6.5 | 58929920 | 34 |
| 1/24/2012 10:45 | 9041552.0 | 9.0 | 5362295 | 6.0 | 2972586.5 | 6.5 | 58960120 | 29 |
| 1/26/2012 11:30 ⁶ | 9062031.3 | 0.0 | 5376849 | 0.0 | 2987468.5 | 0 | 59006810 | 8 |
| 1/27/2012 10:30 ⁴ | 9065312.0 | 9.2 | 5379375 | 7.0 | 2989822.5 | 6.8 | 59016285 | 34 |
| 1/30/2012 9:15 ⁷ | 9094878.5 | 8.7 | 5399961 | 7.0 | 3011460.0 | 6.6 | 59083640 | 25 |

Remedial System Monthly Summary Report for January 2012

| Groundwater Treatment System | | | | | | | January 2012 | |
|--------------------------------------|---------------------|------------|--------------|------------|--------------|------------|------------------------------|------------|
| 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) |
| 1/31/2012 11:05 | 9106762.0 | 8.9 | 5408265 | 6.0 | 3020150.0 | 6.6 | 59110660 | 22 |
| Total Volume (Gal) Removed from Well | 138,569.7 | | 97,892 | | 99,460 | | 320,730 | |

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. GWT system restarted at 11:00

3. MX-7 filters replaced.

4. Bag and MX-7 filters replaced.

5. Weekly TBA compliance sample collected.

6. Monthly NPDES compliance samples collected. Remote wells shut down by high surge tank level.

7. Bag filters replaced.

Vapor Extraction System

The vapor extraction system operated continuously for the month of January 2012 except for planned O&M tasks and routine sampling (as indicated on Table 2). Therefore, not including the planned downtimes, the vapor extraction system operated 100 percent during January 2012. 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 above ground storage tank area) were on-line during operation for this reporting period.

| Vapor Extraction System | | | | | | | January 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) |
| 1/13/2012 15:00 ¹ | 7571.5 | 153 | 100.2 | 17 | 84 | 11 | 70 | 7 | 70 |
| 1/16/2012 12:45 | 7674.3 | 158 | 114.1 | 18 | 90 | 12 | 92 | 8 | 85 |
| 1/18/2012 14:47 | 7691.3 | 157 | 125.8 | 18 | 100 | 12 | 99 | 6.5 | 88 |
| 1/19/2012 14:06 | 7714.5 | 154 | 122.7 | 18 | 98 | 12 | 98 | 7 | 86 |
| 1/20/2012 8:35 ² | 7733.0 | 158 | 110.8 | 18 | 92 | 12 | 84 | 7 | 80 |
| 1/23/2012 8:45 | 7805.2 | 108 | 99.1 | 18 | 72 | 12 | 80 | 7 | 72 |
| 1/25/2012 11:00 | 7855.6 | 149 | 132.6 | 18 | 106 | 12 | 96 | 7 | 86 |
| 1/26/2012 11:55 ^{2,3} | 7880.4 | 136 | 140.2 | 18 | 114 | 12 | 104 | 7 | 92 |
| 1/27/2012 10:40 | 7903.1 | 171 | 110.1 | 18 | 114 | 12 | 104 | 7 | 92 |
| 1/30/2012 7:55 | 7972.4 | 170 | 89.6 | 21 | 76 | 15 | 74 | 9 | 70 |



Mr. Cho

Remedial System Monthly Summary Report for January 2012

Footnotes:

1. VES system restarted at 14:50
2. VES weekly PID readings taken.
3. Monthly compliance samples collected. VES operating temperature exceeded permit limit (140 deg,F), dilution valve was opened to lower temperature.

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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