

Los Angeles Regional Water Quality Control Board

March 23, 2017

Ms. Carol Devier-Heeney
DLA Installation Support – Energy
8725 John J. Klingman Road
Fort Belvoir, VA 22060

SUBJECT: REVIEW OF PHASE 11 STOCKPILE CONFIRMATION SAMPLING REPORT

**CASE/SITE: DEFENSE FUEL SUPPORT POINT NORWALK, 15306 NORWALK
BOULEVARD, NORWALK, CALIFORNIA (SCP NO. 0286A, SITE ID NO. 16638)**

Dear Ms. Devier-Heeney:

On February 15, 2017, the California Regional Water Quality Control Board (Regional Board) received a technical document titled *Phase 11 Stockpiles Confirmation Sampling Report and Updated Request for Soil Reuse* (Report), prepared by The Source Group, Inc. (SGI), on behalf of the Defense Logistics Agency (DLA), for the above-referenced site (Site). This Report supersedes the December 20, 2016, Phase 11 sampling data and proposes to reuse treated soil stockpiles for the Site’s redevelopment, according to the following technical documents prepared by SGI:

- *Revised Soil Management Plan: Treatment Cell Operation and Site Excavation*, dated November 5, 2014
- *Soil Remedial Action Plan*, dated November 30, 2014
- *Addendum to Soil Remedial Action Plan*, dated December 10, 2014

Note that this Regional Board will require a deed restriction for the Site to protect present and future human health and safety and the environment as a result of the presence of petroleum hydrocarbon waste beneath the Site. The excavation of areas of petroleum hydrocarbon-contaminated soil for onsite soil treatment resulted in the removal of overburden soil that was confirmed in the field to meet the cleanup goals for the Site. The removed overburden soil was then stockpiled at the Site. On January 7, 2015, the Regional Board staff directed DLA to collect and analyze soil samples from each untreated and treated soil stockpile before reuse. On April 26, 2016, the Regional Board enrolled the Site in General Waste Discharge Requirements (GWDR) Order No. 90-148 for onsite bioremediation treatment of soil contaminated with petroleum hydrocarbons and its reuse. The Report presents confirmation soil sampling results for the following soil stockpiles:

Stockpiles	Volume (cubic yards)	Number of Confirmation Soil Samples
80002-D	971	35
80002-M	978	35
80002-N	519	35
80002-O	807	35

80002-P	265	18
80006-N	1,227	35
80006-O	845	35
80006-P	1,087	35
80006-Q	1,162	38
80006-R	1,236	35
80006-S	1,150	35
80006-T	477	35
80007-A	502	25
80013-D	794	35
80013-F	983	35
80013-I(a)	340	18
80013-I(b)	913	35
Powerine-P	895	35
C-CS-27	900	24
C-CS-28	80	4

Analytical results for the confirmation soil samples were:

Total Petroleum Hydrocarbons (TPH)	Maximum Detected Level (mg/kg)	Soil Cleanup Goal for 0.5 to 5 feet below grade surface (mg/kg)
TPH C ₄ – C ₁₂	410	500
TPH C ₁₃ – C ₂₂	1,000	1,000
TPH C ₂₃ – C ₄₄	8,200	10,000

mg/kg = milligrams per kilogram

Based on the above confirmation soil sampling results of the Phase 11 untreated and treated soil stockpiles, concentrations of petroleum hydrocarbons and volatile organic compounds are at or below the Site's soil cleanup goals. Therefore, the proposed reuse of 16,131 cubic yards of soil from stockpiles 80002-D, 80002-M, 80002-N, 80002-O, 80002-P, 80006-N, 80006-O, 80006-P, 80006-Q, 80006-R, 80006-S, 80006-T, 80007-A, 80013-D, 80013-F, 80013-I(a), 80013-I(b), Powerine-P, C-CS-27, and C-CS-28 is approved.

If you have any questions, please contact Mr. Paul Cho at (213) 576-6721 or paul.cho@waterboards.ca.gov.

Sincerely,



Samuel Unger, P.E.
Executive Officer

cc: See Mail List

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