

Los Angeles Regional Water Quality Control Board

March 18, 2016

Mr. Nicholas Carros
DLA Installation Support – Energy
8725 John J. Klingman Road
Fort Belvoir, VA 22060

SUBJECT: REVIEW OF PHASE 7 EXCAVATIONS AND STOCKPILES SAMPLING REPORT

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

Dear Mr. Carros:

On March 3, 2016, the California Regional Water Quality Control Board (Regional Board) received a technical document titled *Phase 7 Stockpile Confirmation Sampling Report and Request for Soil Reuse* (Report), prepared by The Source Group, Inc. (SGI), on behalf of the Defense Logistics Agency, for the above referenced site (Site). This Report proposes to reuse treated soil stockpiles for the Site’s redevelopment, according to the following technical documents prepared by SGI as listed below. Note that this Regional Board will require a deed restriction for the Site’s redevelopment to protect present and future human health and safety and environment as a result of the presence of petroleum hydrocarbon waste beneath the Site.

- *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

The excavation of areas of hydrocarbon contaminated soil for onsite soil treatment resulted in the removal of overburden soil that was confirmed in the field to be non-contaminated. The removed overburden soil was then stockpiled at the Site. On January 7, 2015, the Regional Board staff directed that analytical results should be submitted for each treated soil stockpile before reuse. On February 6, 2015, the Regional Board enrolled the Site in General Waste Discharge Requirements (GWDR) Order No. 90-148 for onsite bioremediation treatment of contaminated soil with petroleum hydrocarbons and its reuse. The Report presents confirmation soil sampling results for the reuse of soil from the following untreated clean soil and treated soil stockpiles:

Stockpiles	Volume (cubic yards)	Number of Confirmation Soil Samples
80006-K	868	35
80006-M	926	35
80013-E	1,018	35

Powerine-K	1,024	35
C-CS-04A-EX08	1,025	25
C-CS-15-BERM	5,264	35
C-CS-21-BERM	104	5
C-CS-22-EX38	3,725	30
C-CS-22A-EX38	376	15

Analytical results for confirmation soil samples were as follows:

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	260	500
TPH C ₁₃ – C ₂₂	940	1,000
TPH C ₂₃ – C ₄₄	930	10,000

mg/kg = milligrams per kilogram

Based on the above confirmation soil sampling results of the Phase 7 treated soil stockpiles, concentrations of hydrocarbons and volatile organic compounds are below the Site's soil cleanup goals. We have no objection to the proposed reuse of a total of 14,330 cubic yards of soil from the stockpiles 80006-K, 80006-M, 80013-E, Powerine-K, C-CS-04A-EX08, C-CS-15-BERM, C-CS-21-BERM, C-CS-22-EX38, and C-CS-22A-EX38.

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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