



January 06, 2016

Paul Cho, P.G.

Water Resources Control Engineer  
California Regional Water Quality Control Board, Site Cleanup Unit IV  
Los Angeles Region  
320 West 4<sup>th</sup> Street, Suite 200  
Los Angeles, CA 90013

Subject: Phase 6 Excavations Confirmation Sampling Report and Request for Backfill  
Defense Fuel Support Point Norwalk  
15306 Norwalk Boulevard, Norwalk, California  
(SCP NO. 0286A, Site ID NO. 16638)

Dear Mr. Cho:

The attached report presents the results of on-going sampling and analysis of soil samples collected at the former Defense Fuel Support Point (DFSP) Norwalk facility located at 15306 Norwalk Boulevard, Norwalk, California. This work has been conducted by The Source Group, Inc. (SGI) for the Defense Logistics Agency – Energy (DLA – Energy) as part of on-going the restoration of contaminated soil and groundwater. All work described herein has been completed under the regulatory oversight of the Regional Water Quality Control Board (RWQCB) and in accordance with the *Final - Soil Remedial Action Plan - Defense Fuel Support Point Norwalk*, dated November 30, 2014. The soil remediation tasks are progressing and Table 1 presents a summary of the first phases of the project; the summary provided in Table 1 will be updated in each subsequent submittal of future reports.

The attached *Phase 6 Excavations Confirmation Sampling Report* (Phase 6 report) presents confirmation sampling of two excavations located in former tank Basin 80008 and Basin 55004.

The confirmation sampling data documented in the attached Phase 6 report (and summarized in the enclosed table 2) indicate that the final soil sidewall shallow confirmation samples collected from excavations #35 (Tank Basin 80008) and #19/#37 (Tank Basin 55004) at depths between 0 and 10 feet below ground surface (bgs) do not contain concentrations of hydrocarbons above approved site cleanup goals. The need for any further remediation of residual hydrocarbons present in deeper soil will be further evaluated during development of final groundwater remediation strategies.

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Table 2 presents a summary of the site wide excavations of the project; the summary provided in Table 2 will be updated in each future report containing excavations.

Based on these findings, SGI and DLA Energy request that the RWQCB authorize backfilling of excavations #35 and #19/#37.

If there are any questions regarding the information provided please call me at (562) 597-1055.

Sincerely,



Paul Parmentier  
Principal Hydrogeologist  
The Source Group, Inc

Ec: Mr. Nick Carros, DLA Energy  
Mr. Neil Irish, SGI  
File: DFSP Norwalk – 04-NDLA-007

Enclosures:

*Table 1: Phase Summary*

*Table 2: Summary of Phase 6 Excavation Confirmation Sampling*

*Phase 6 Excavations Confirmation Sampling Report and Request for Backfilling*

**TABLE 1**  
**Phase Summary**  
DFSP Norwalk  
15306 Norwalk Boulevard, Norwalk, California 90650

Phase	Report Type	Report Date	Approval Date	Tasks	Status
Phase 1	Confirmation Sampling Report	07/14/15	07/22/15	Excavation #5	Backfilled
				Excavation #3, 4 & 14	Backfilled
				Clean Soil Pile CS-01	Used for excavation backfill
				Clean Soil Pile CS-02A	Not yet used for excavation backfill
				Clean Soil Pile CS-10	Used for excavation backfill
				Clean Soil Pile CS-12	Partially used for excavation backfill
	Clean Soil Pile CS-14	Not yet used for excavation backfill			
Completion Report	07/30/15	08/30/15	--	--	
Phase 2	Confirmation Sampling Report	07/30/15	08/06/15	Excavation #1	Partially backfilled to allow for stormwater collection
				Excavation #2	Backfilled
				Excavation #8	Backfilled
				Clean Soil Pile CS-11	Not yet used for excavation backfill
				Clean Soil Pile CS-13	Not yet used for excavation backfill
				Treated Stockpile Powerine-A	Segregated for reuse for backfilling of Excavations #1, #2, and #8
				Treated Stockpile Powerine-B	
	Treated Stockpile Powerine-C				
Treated Stockpile Powerine-D					
Completion Report	10/16/15	--	--		
Phase 3	Confirmation Sampling Report	09/03/15	09/21/15	Treated Stockpile 80002-A	Segregated for reuse. Partial reuse for backfilling of Phase 2 Excavation #8.
				Treated Stockpile 80002-B	
				Treated Stockpile 80002-C	
				Treated Stockpile 80002-D	
				Treated Stockpile 80002-E	
				Treated Stockpile 80006-A	
				Treated Stockpile 80006-B	
				Treated Stockpile 80006-C	
				Treated Stockpile 80006-D	
	Treated Stockpile 80006-E				
Completion Report	10/16/15	--	--		
Phase 4	Confirmation Sampling Report	11/04/15	12/29/15	Treated Stockpile 80004-A	Not yet used for excavation backfill
				Treated Stockpile 80004-B	Not yet used for excavation backfill
				Treated Stockpile 80004-C	Not yet used for excavation backfill
				Treated Stockpile 80004-E	Not yet used for excavation backfill
				Treated Stockpile 80004-F	Not yet used for excavation backfill
				Treated Stockpile 80004-G	Not yet used for excavation backfill
				Treated Stockpile 80006-F	Not yet used for excavation backfill
				Clean Soil Pile CS-06	Not yet used for excavation backfill
				Clean Soil Pile CS-08	Not yet used for excavation backfill
				Clean Soil Pile CS-17	Not yet used for excavation backfill
Clean Soil Pile CS-18	Not yet used for excavation backfill				
Phase 4 Addendum	Confirmation Sampling Report Addendum	12/15/15	12/29/15	Clean Soil Pile CS-06 (Resampled)	Not yet used for excavation backfill
				Clea Soil Pile CS-17 (Resampled)	Not yet used for excavation backfill
Phase 5	Confirmation Sampling Report	11/13/15	Pending	Treated Stockpile Powerine-E	Not yet used for excavation backfill
				Treated Stockpile Powerine-F	Not yet used for excavation backfill
				Treated Stockpile Powerine-G	Not yet used for excavation backfill
				Treated Stockpile Powerine-H	Not yet used for excavation backfill
				Treated Stockpile Powerine-I	Not yet used for excavation backfill
				Clean Soil Pile CS-09	Not yet used for excavation backfill
				Clean Soil Pile CS-16	Not yet used for excavation backfill
Clean Soil Pile CS-20	Not yet used for excavation backfill				
Phase 6	Confirmation Sampling Report	01/06/16	Pending	Excavation #35	Not yet backfilled
				Excavation #19/#37	Not yet backfilled

**TABLE 2  
SITE-WIDE SUMMARY OF EXCAVATIONS**

<b>Excavation Number</b>	<b>Excavation Volumes (yds<sup>3</sup>)</b>	<b>Number of Sidewall Confirmation Samples</b>	<b>Number of Floor or Deep Sidewall Confirmation Samples</b>	<b>Total Number of Confirmation Samples</b>	<b>Status (December 2015)</b>	<b>Comments</b>
<b>Phase 6</b>						
Excavation #35	29,000	119	11	130	Backfill approval pending	Excavations #16, #26 and #27 combined to Excavation #35
Excavation #37	13,000	88	8	96	Backfill approval pending	Excavations #11, #18, #19 and #30 combined and expended to Excavation #37
<b>Phase 2</b>						
Excavation #1	556	36	6	42	Backfilled	
Excavation #2	1,095	30	10	40	Backfilled	
Excavation #8	1,303	51	8	59	Backfilled	
<b>Phase 1</b>						
Excavation #3	1,042	24	6	30	Backfilled	Excavations #3, #4, and #14 combined
Excavation #4	1,845	50	15	65	Backfilled	Excavations #3, #4, and #14 combined
Excavation #14	2,112	82	12	94	Backfilled	Excavations #3, #4, and #14 combined
Excavation #5	340	28	4	32	Backfilled	
<b>Total</b>	<b>50,293</b>	<b>508</b>	<b>80</b>	<b>588</b>		

**Notes:**

yds<sup>3</sup> = cubic yards