SEISC Engineering and Inspection Services
Professional Member
International Conference of Building Officials
1187 Ocean Avenue
Emeryville, California 94608
(510) 547-8540 FAX (510) 527-7785
Industrial, Civil, Structural and Architectural Engineering.Construction Management.Hazardous Material Removal & Remediation

David Benaroya Helfant, Ph.D., M.ASCE, ICBO
Environmental, Seismic and Drainage Design
Structural and Engineering Inspections
Eric M. Cox, SE
Structural Engineering, Construction Management
Michael S. Noell, M.Arch., A.I.A.
Architecture and Planning

between 64th & 65th
South from San Pablo Ave.

00 JUL 32 PM 3:44

July 31, 2000

TO: Mr. Ariu Levy, Division Chief
Environmental Protection Division, ACHCSA
FROM: Mssrs. Mel Bolin and Virgil Bolin, Owners
6335 San Pablo Avenue, Oakland, CA 94608, Stid 1685
RE: Removal of Contaminated Soils, former tank site #1

Dear Mr. Levi:

As per the request from Mssrs. Virgil and Mel Bolin, owners at the above referenced property, they wish to proceed to remove contaminated soils at a former 500 gallon buried gas tank that received closure from the County in 1988. Their understanding is that this will complete any requirements for final closure.

On the basis of county's letter dated April 2, 1999, additional analyses for "benzene, toluene, ethyl benzene, xylene [BTEX], lead, and methyl-tert-butyl ether [MTBE]" were completed and indicated a residue of these contaminants in the location of the former #1 tank dispenser, beneath its product line, and near the east edge of the former #1 tank site. [See Site and Sampling Plan attached and lab results attached.] The groundwater sample from the sampling well showed a residue of these contaminants as well.

Based on my discussion with you, the owners intend in accordance with County guildelines, to:

1. Excavate the areas where the contamination was found until all such contaminated soils are removed to a clean line of soil.
2. The excavated soil stockpile will then be sampled and profiled by a County approved state certified lab.
3. The excavated area will also be sampled to determine that the "clean line" of remaining soil has been reached.
4. The contaminated soils under manifest will be trucked to an approved disposal/treatment plant and under manifest will be cleaned.
5. A groundwater sample will be taken at the existing sampling well.
6. The entire procedure will be monitored for quality control and the results sent to you.
7. Upon completion of the removal of the contaminated soils, the excavated areas will be backfilled with clean imported fill.

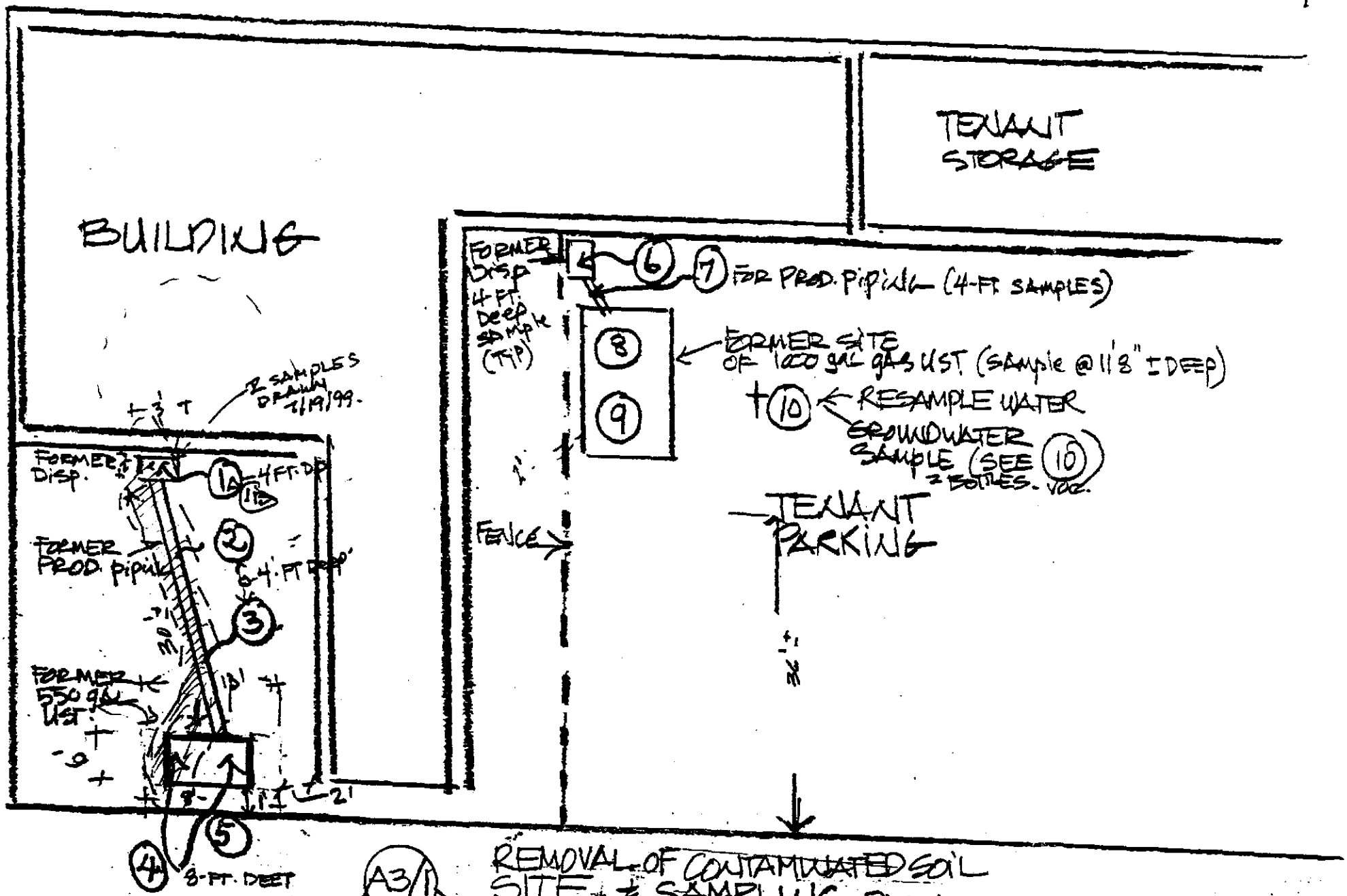
As the owners wish to proceed to complete this task within the next 30-days, they need to be assured that this will finally satisfy the County requirement. Therefore, if you wish the owners to provide any additional items, please notify the undersigned by August 15, 2000. If no additional data is requested , we will proceed as outlined above.

Thank you for your cooperation in this matter.

Sincerely,

David Benaroya Helfant, Ph.D., M.ASCE
Principal Investigator

SITE & SAMPLING PLAN: 6335 SAN PABLO AVENUE, O



Nachtmann Analytical Laboratory, Inc.

720 Olive Drive • Davis, CA 95616 • (530) 758-5850 • Fax (530) 758-5870
Mailing Address: P.O. Box 1025 • Davis, CA 95617

Analytical Laboratory Report

Client: Sciesco Engineering Co.
1187 Ocean Ave.
Emet7yville,CA. 94608
Attn : Davis Helefont
7/28/99(revised 11/26/99)

Sample ID # :1A,1B to #10
Sample Location :64th St& San pablo Ave.
Sample Matrix :All soil, #10 water
Sampling Date :7/19 to 7/21/99
Sampled By :Client
Sample received :7/22/99

Sample ID#/ Conc.(ug/l) in Extract

Analytes		MDL(ug/l)	1A	1B	#2	#3	#4	#5	#6
TPH-	Benzene	0.5	3.22	301.	27.19	17.23	< 0.5	< 0.5	< 0.5
TPH-	Toluene	0.5	1.94	2,680.	3.66	3.00	3.84	< 0.5	< 0.5
TPH-	Ethyl benzene	0.5	1.54	1,954.	19.54	2.06	< 0.5	< 0.5	< 0.5
TPH-	Xylenes(total)	0.5	5.51	14,221.	45.41	11.80	25.92	< 0.5	< 0.5
Methyl - t - butyl ether		5.0	< 5.0	446.35	3.13	< 5.0	1.55	< 5.0	< 5.0

		#7	#8	#9	10 - water
TPH-	Benzene	< 0.5	< 0.5	< 0.5	284.37
TPH-	Toluene	< 0.5	< 0.5	< 0.5	9.43
TPH-	Ethyl benzene	< 0.5	< 0.5	< 0.5	< 0.5
TPH-	Xylenes(total)	< 0.5	< 0.5	< 0.5	508.8
Methyl- t - butyl ether		< 5.0	< 5.0	< 5.0	50.37

Sample ID#/ Conc. (mg/kg)

Analytes		MDL(mg/l)	1A	1B	#2	#3	#4	#5	#6
Lead (total)	Pb	0.02	< 1.0	1.8	< 1.0	< 1.0	1.8	2.3	3.64

#7	#8	#9	#10
11.45	4.55	6.4	5.5

Report comtinued

Client: Siesco Engineering Co.
1187 Ocean Ave.
Emeryville, CA. 95608

7/28/99
(revised 11/26/99)

QC

Surrogate (BTEX)	% Recovery
a,a,a-Trifluorotoluene	101.8

Matrix Spikes	% Recovery		RPD
	MS # 1	MS # 2	
Benzene	92.35	108.	16.
Toluene	99.1	103.3	4.11
Ethyl-benzene	99.1	103.4	4.2
Xylene (total)	101.3	105.8	4.3
Total Lead (Pb)	117	132	12.04

Method of Analysis for BTEX & MTBE : Sample Preparation : EPA SW 846 # 5030A
Sample Analysis : EPA SW 846 # 8020 purge & Trap

For total Lead : Portion of soil samples dried at 107 C , sieved through 500 um sieve opening . 1.00 gram of this sieved digested in aqua regia to 50 ml of final volume for analysis . According to method # 7420

Method of Analysis for total Pb : Sample Preparation : EPA SW 846 # 3050A
Sample Analysis : EPA SW # 7420

This laboratory services performed per State of California's laboratory certification # 1419

Chemist in charge ; Ahmed Modabber

A.M