

Stacy & Witbeck - Rogers / Genner a JV

Project: REPLACE FUEL TANKS at SUNOL HEADQUARTER YARD

Owner: City of San Francisco - Public Utility Commission

Contractor: Stacy & Witbeck - Rogers / Genner a JV

PROJECT FINAL REPORT

The installation of the two 2,000 gallon tanks and dispenser relocation was completed on May 11, 1990. Clayton Environmental tested the tanks integrity on May 15 & 16, 1990.

The old tanks were excavated and removed on May 15 & 16, 1990. The tanks were disposed of by H & H Ship Service Company of San Francisco

Four soil samples were taken two feet +/- below the tanks using a backhoe.

While excavating an odor of fuel / oils was present.

One soil sample taken under the diesel tank showed slight contamination.

The excavation for the old tanks was backfilled on June 4, 1990 using the clean material which was excavated from the location of the new tanks.

The City of San Francisco took soil samples of the stock pile on June 4, 1990 and will take appropriate action.

Enclosed is :	Precision Analytical Laboratory Report	3 pages
	Chain of Custody Record	1 page
	Site Plan of Removed Tanks	1 page
	Uniform Hazardous Waste Manifest	1 page

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (415) 222-3002

FAX (415) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 211

Received: 05/17/90

Reported: 05/31/90

Job No. #: 71564

Attn: Larry Genner
San Francisco Water Department
505 Paloma Way
Sunol, CA. 94586

Matrix: Soil

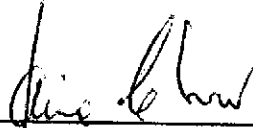
Total Petroleum Hydrocarbon Analysis
EPA Method 5030
mg/kg

Lab ID	Client ID	Gasoline*	MDL
71564-1	WD 2022 - 1	7.6	0.50
71564-2	WD 2022 - 2	ND<0.50	0.50
71564-3	WD 2022 - 3	ND<0.50	0.50
71564-4	WD 2022 - 4	ND<0.50	0.50

*As Weathered Gasoline

QA/QC: Spike Recovery: 62%

MDL: Method detection limit: Compound below this level would not be detected.



Jaime Chow
Laboratory Director

JC/vc

Precision Analytical Laboratory, Inc.

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Attn: Larry Genner
L. F. Genner Construction, Inc.
1306 Bridgeway Blvd.
Sausalito, CA. 94965

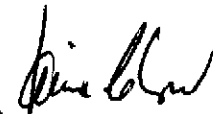
Matrix: Soil

Total Petroleum Hydrocarbon Analysis
DHS Extraction Method (LUFT)
mg/kg

Lab ID	Client ID	Diesel	MDL	Gasoline
71564-1	WD 2022 - 1	40	10	N/A

QA/QC: Spike Recovery for Diesel: 106%

MDL: Method detection limit: Compound below this level would not be detected.



Jaime Chow
Laboratory Director

JC/vc

OUTSTANDING QUALITY AND SERVICE
CALIFORNIA STATE CERTIFIED LABORATORY

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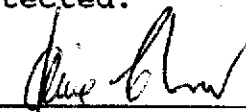
Aromatic Organic Compound Analysis
EPA Method 8020
mg/kg

Lab ID	Client ID	Benzene	MDL	Toluene	MDL
71564-1	WD 2022 - 1	0.70	0.015	1.7	0.015
71564-4	WD 2022 - 2	0.018	0.015	0.12	0.015
71564-3	WD 2022 - 3	ND<0.015	0.015	0.06	0.015
71564-4	WD 2022 - 4	0.07	0.015	0.21	0.015

Lab ID	Client ID	Ethyl- benzene	MDL	Xylene	MDL
71564-1	WD 2022 - 1	0.12	0.015	0.80	0.045
71564-4	WD 2022 - 2	ND<0.015	0.015	0.14	0.045
71564-3	WD 2022 - 3	ND<0.015	0.015	0.048	0.045
71564-4	WD 2022 - 4	ND<0.015	0.015	0.13	0.045

QA/QC: Spike Recovery for Benzene: 100%
Spike Recovery for Toluene: 99%
Spike Recovery for O-Xylene: 100%

MDL: Method detection limit: Compound below this level would not be detected.



Jaime Chow
Laboratory Director

JC/vc

Excavating with $\pm \frac{3}{4}$ cy backhoe
to \pm depth of 2' \pm below tank

Roadway to Office



(Abandoned Pumps)

Oil
Storage
Building

550 gal
⊕
Reg. Gas.

550 gal
⊕
Diesel

Sample #1

Sample #2

1000 gal
⊕
Unleaded Gas.

Sample #3

Sample #4

Sampling done by L. Genner
on May 16, 1990 in the afternoon

Contractor:

Stacy & Witbeck -
Rogers/Genner

San Francisco Water Dept
Corporation Yard
505 Paloma Way
Sunnyvale, CA.

Please print or type. (Form designed for use on elite (12-pitch typewriter).)

90035150
90035150
90035150

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A L 0 0 0 0 2 7 3 0 9 9 0 0 1		Manifest Document No. 9 0 0 0 1		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address SAN FRANCISCO WATER DEPARTMENT P. O. Box 550. Sunol, CA 94586						A. State Manifest Document Number 90035150				
4. Generator's Phone (415) 862-2233						B. State Generator's ID				
5. Transporter 1 Company Name H & H Ship Service Company			6. US EPA ID Number C A D 0 0 4 7 7 1 1 6 8			C. State Transporter's ID 103563		D. Transporter's Phone (415) 543-4835		
7. Transporter 2 Company Name						8. US EPA ID Number		E. State Transporter's ID		
9. Designated Facility Name and Site Address H & H Ship Service Company 220 China Basin Street San Francisco, CA 94107						10. US EPA ID Number C A D 0 0 4 7 7 1 1 6 8		G. State Facility's ID		
								H. Facility's Phone (415) 543-4835		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	1. Waste No.
a. RESIDUE GASOLINE TANK (CALIFORNIA ONLY REGULATED WASTE)					0 0 1 T P		0 1 0 0 0		P	State 512 EPA/Other
b. RESIDUE GASOLINE TANK (CALIFORNIA ONLY REGULATED WASTE)					0 0 1 T P		0 0 5 5 0		P	State 512 EPA/Other
c. RESIDUE DIESEL TANK (CALIFORNIA ONLY REGULATED WASTE)					0 0 1 T P		0 0 5 5 0		P	State 512 EPA/Other
d.										State EPA/Other
J. Additional Descriptions for Materials Listed Above PUMPED OUT 1,000 gallon and 550 gallon tanks last containing gasoline and diesel. Tanks inerted with dry ice for transport.						K. Handling Codes for Wastes Listed Above				
						a. 01		b. 01		
						c. 01		d.		
15. Special Handling Instructions and Additional Information JOB SITE: S.F. WATER DEPARTMENT 505 Paloma Way Sunol, California APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR.										
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.										
Printed/Typed Name <i>[Signature]</i>					Signature <i>[Signature]</i>			Month Day Year 10 5 16 9 0		
17. Transporter 1 Acknowledgement of Receipt of Materials										
Printed/Typed Name JOSE J. MORENO					Signature <i>[Signature]</i>			Month Day Year 10 5 16 9 0		
18. Transporter 2 Acknowledgement of Receipt of Materials										
Printed/Typed Name					Signature			Month Day Year		
19. Discrepancy Indication Space										
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										
Printed/Typed Name <i>[Signature]</i>					Signature <i>[Signature]</i>			Month Day Year 10 5 16 9 0		

Do Not Write Below This Line

Yellow: TSDP SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS