

Alameda County

AUG 0 5 2005

Environmental Health

August 1, 2005

Mr. Don Hwang Alameda County Health Care Services Agency Environmental Protection (LOP) 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577

RE: UST Removal and Remedial Investigation Summary Report -

Mandela Trucking, 1225 Mandela Parkway, Oakland, California

(ACHCSA STID 4153)

Dear Mr. Hwang:

On behalf of Mr. Thomas O. Gillis, Golden Gate Tank Removal, Inc. (GGTR) is pleased to provide you with the following summary of underground storage tank (UST) removal and subsequent remedial investigation activities conducted between July 1996 and April 2000 at the commercial property located at 1225 Mandela Parkway in Oakland, California. Site activities were conducted under the direction and oversight of the Alameda County Health Care Services Agency (ACHCSA) and/or City of Oakland Fire Services Agency (OFSA). Figure 1, attached, is a Site Location Map of the subject property. Figure 2 is a "to scale" Site Plan showing the approximate locations of the former USTs and other pertinent site features.

Gasoline UST Removal and Sampling - July 1997

On July 11, 1997, TEC Accutite Environmental Engineering (TEC) of South San Francisco, California, removed two 4,000-gallon diesel USTs (#'s 1 & 2) and one 4,000-gallon gasoline UST (#3) at the approximate locations shown in Figure 2. Associated subsurface product piping and fuel dispensers connecting to each former UST were not removed at this time. Discrete soil samples collected beneath the ends of each UST at approximately 11 feet below grade (fbg) contained non detectable and/or insignificant concentrations of TPH as gasoline, BTEX, and MTBE. Soil samples collected from the south ends of UST #'s 1 & 2 contained 110 and 320 milligrams per kilogram (mg/kg) TPH as diesel, respectively. The soil sample collected from the north end of UST #2 contained 1,300 mg/kg TPH as diesel. No groundwater was encountered during the removal or sampling activities. The approximate location of each excavation soil sample is shown in Figure 2.

TEC generated three stockpiles of excavated soil, which were left onsite following UST removal activities. The UST excavation was not backfilled at this time. The table on the following page presents the analytical results of soil samples collected from the UST removal event.

Gasoline/Diesel UST Removal Soil Sample Analytical Results – July 1996

Sample ID	Sample Depth (fbg)	TPH-G (mg/kg)	TPH-D (mg/kg)	B/T/E/X (mg/kg)	MTBE (mg/kg)	Total Lead (mg/kg)
D-1-N-11	11		ND	ND/ND/ND/0.015	0.014	
D-1-S-11	11		110	ND/ND/ND/0.015	ND	
D-2-N-11	11		1,300	ND/ND/ND/0.061	ND	
D-2-S-11	11	-	320	ND/ND/ND/0.063	ND	
G-1-N-11	11	0.680		0.005/0.013/0.005/0.021	0.035	350
G-1-S-11	11	ND		ND/ND/ND/ND	0.070	91

Based on review of the gasoline and diesel UST removal activities, the ACHCSA, in a letter dated January 3, 1997, requested the following additional activities at the site:

- 1) Excavation sidewalls on the north and south ends of Diesel UST #'s 1 and 2 be scraped and resampled for diesel-range hydrocarbon analysis,
- 2) Subsurface product piping and associated fuel dispensers be removed with confirmation soil sampling,
- 3) Existing tank excavation be backfilled with the gasoline UST stockpile soil and clean imported fill,
- 4) Stockpiled soil from diesel UST excavation be transported under uniform waste manifest and disposed at a State-licensed landfill facility
- 5) The inactive 425-gallon waste oil UST located west of the subject site building be removed and underlying soil be sampled for waste oil constituents.

On August 11, 1997, the ACHCSA, submitted an associated *Directive and Order Pursuant to Health & Safety Code Section 25299*. A copy of the ACHCSA's January 3 and August 11, 1997 letters is attached.

Gasoline/Diesel UST Excavation and Stockpile Sampling - June 1998

On June 17, 1998, as directed by the OFSA, GGTR collected five discrete soil samples from the four sidewalls (@ 9 fbg) and bottom (@ 10 fbg) of the gasoline/diesel UST cavity. GGTR also collected one four point composite sample from the three stockpiles of soil generated during the gasoline/diesel UST removal activities in July 1997. The approximate locations of each excavation soil sample are shown in Figure 2. No groundwater was encountered during the sampling activities.

The TPH as gasoline, BTEX, and MTBE concentrations measured in the excavation and stockpile composite sample were below the respective laboratory reporting limit (0.5 mg/kg for TPH-G, and ≤0.0101 mg/kg for BTEX and MTBE), except for insignificant detectable concentrations of TPH-G (2.0 mg/kg) and total xylenes (0.030 mg/kg) measured in the discrete sample collected from the east sidewall of the excavation. Results of the soil sampling activities were submitted to both the ACHCSA and OFSA. Additional details are presented in GGTR's July 9, 1998, letter report of Gasoline Tank Soil Sampling and Analyses.

Waste Oil UST Removal Sampling - June 1998

On June 17, 1998, under the direction of the OFSA, GGTR removed one inactive 425-gallon waste oil UST from the site at the approximate location shown in Figure 2. GGTR collected one discrete soil sample from the bottom of the UST excavation @ 9 fbg and one four point composite sample from the soil stockpile. The table on the following page presents the analytical results of soil samples collected from the UST removal event.

Waste Oil UST Removal Soil Sample Analytical Results - June 1998

Sample ID	TPH-G (mg/kg)	TPH-D (mg/kg)	TEPH (mg/kg)	harmonic restriction and the second contract of the second	MTBE (mg/kg)		Cd (mg/kg)	Cr (mg/kg)	Ph (mg/kg)	Ni (mg/kg)	Zn (mg/kg)
7519-C ²	ND	ND	70	ND/ND/0.008/0.03	ND	0.012 (1,2,4- TMB)	ND	37	33	40	430
7519-SP ²	180	780	5800	ND/0.09/0.15/1	ND	1.1 (1,2,4- TMB)	0.25	34	490 ³	26	390
LRL	0.5	1.0	50	<u>≤</u> 0.010	0.005	≤0.250	1.0	1.0	1.0	1.0	1.0

Notes:

1 = Highest reported VOC concentration shown

LRL = Laboratory Reporting Limit

As requested by the OFSA, GGTR, in October 1998, transported the stockpiled soil under Uniform Hazardous Waste Manifest No. 98601044 to the Class I Chemical Waste Management disposal facility in Kettleman City, California. The excavation was backfilled with clean imported fill material and compacted, and repaved to restore original site conditions. Additional details are presented in GGTR's July 24, 1998, *Tank Closure Report*.

Work Plan - October 1998

On October 23, 1998, pursuant to the ACHCSA's August 1997 Directive and Order requirements, GGTR submitted their *Work Plan for Additional Work*, which was conditionally approved by the ACHCSA in their letter dated February 1, 1999. The proposed work including scraping of the diesel excavation sidewalls, subsurface product piping removal, soil disposal, confirmation soil sampling, and report preparation. A copy of the ACHCSA's February 1, 1999 approval letter is attached.

Limited Work Plan Implementation Activities - April 1999 & 2000

On April 22 and 23, 1999, GGTR over-excavated and removed the diesel-impacted soil from both the north and south sidewalls of the UST excavation, in general accordance with the October 1998 work plan. The approximate limits of the over-excavation areas are shown in Figure 2. Because the excavation remained open, rain and/or drainage water accumulated in the excavation, with the depth to the surface of the water measured at approximately 11 fbg. Two discrete confirmation soil samples (Sample ID's 7519D1-S & 7519D2-S) were collected from the south sidewall and one discrete sample (Sample ID 7519D2-N) was collected from the north sidewall, at approximately 11 fbg (water/soil interface). Soil samples were collected in relatively clean, undisturbed soil using a brass tube-lined remote core sampler, and collected north and south of the previous sample locations reported during the 1996 UST removal activities. GGTR collected one grab sample (Sample ID 7519) of the rain/drainage water within the excavation. Following removal of the three existing fuel dispensers, GGTR collected two additional samples (Sample ID's 7519I-S & -N) beneath the north dispenser (1) and south dispensers (2), respectively, at approximately 2 fbg. Approximate locations of each sample are shown in Figure 2. GGTR was not authorized to backfill the excavation at this time, nor did GGTR remove the associated subsurface piping extending between the former UST cavity and dispenser island. The tables shown on the following page presents the analytical results of soil and grab groundwater samples collected during the over-excavation at the site.

² = Sample also analyzed for semi-volatile organic compounds by EPA Method 8270 (All Results ND, except for estimated 1.8 mg/kg butylbenzylphthalate in 7519-SP)

³ = Sample also analyzed for STLC Lead (22 mg/l) and TCLP Lead (0.61 mg/l)

Over-Excavation Soil Sample Analytical Results - April 1999

Sample ID	Sample Depth	TPH-G	TPH-D	B/T/E/X	MTBE	Total Lead
	(fbg) 心心	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
7519D1-S	11		ND	ND/ND/ND/ND	ND	4
7519D2-S	11		ND	ND/ND/ND/ND	ND	4
7519D2-N	11		ND	ND/ND/ND/ND	_ ND	7
7519I-S	2	85 ¹	$12,000^2$	ND/0.074/1.4/5.0	ND	6
7519I-N	2	1.81	960 ²	ND/0.009/ND/ND	ND	100
7519-SP (Stockpile)	NA		8 ²	ND/ND/ND/ND	ND	120
Laboratory Reporting Limit		0.5	1.0	≤0.010	0.005	1.0
CRWQCB Tier 1 ESL		100/400	100/500	0.044/0.18, 2.9/9.3, 3.3/32, 2.3/11	0.023/2	750/750

Notes:

CRWQCB Tier 1 ESL = California Regional Water Quality Control Board's February 2005 Tier 1
Environmental Screening Level; for residential land use soil >10 fbg where
groundwater is / is not a potential drinking water resource

Over-Excavation Groundwater Sample Analytical Results - April 1999

Sample ID	Sample Depth (fbg)	TPH-G (ug/l)	TPH-D (ug/l)	B/T/E/X (ug/l)	MTBE (ug/l)	Total Lead (ug/l)
7519	11	70	ND	ND/1/ND/1	ND	28
Laboratory Reporting Limit		50	50	≤1.0	0.5	50
CRWQCB Tier 1 ESL		100/500	100/640	1/46, 40/130, 30/290, 20/100	5/1,800	2.5/2.5

Notes:

CRWQCB Tier 1 ESL = California Regional Water Quality Control Board's February 2005 Tier 1
Environmental Screening Level; where groundwater is / is not a potential drinking water resource (residential land use)

On March 30, 2000, GGTR collected a four point composite sample (Sample ID 7519-SP DISP) of the stockpile generated during the over-excavation of the diesel-impacted soil. The TPH-G, TPH-D, BTEX, and MTBE concentrations measured in the composite sample were below the respective laboratory reporting limit. The composite sample contained 140 mg/kg total lead, the results of which were submitted to both the ACHCSA and OFSA for review of use as appropriate UST excavation backfill material. The ACHCSA, in a letter dated April 4, 2000, approved the soil as acceptable backfill material based upon conditional approval by the OFSA. On April 6, 2000, the OFSA verbally approved GGTR's request. A copy of the ACHCSA's April 4, 2000 approval letter is attached.

Between April 7 and 12, 2000, GGTR returned to the site and backfilled the excavation with stockpiled soil and clean, imported Class II base rock, and compacted the backfill material in 2-foot lifts. GGTR then resurfaced the excavation with asphalt pavement according to the owner's specifications and cleaned the site to its original condition.

^{1 =} Does not match typical gasoline pattern on associated chromatogram

² = Matches fuel oil hydrocarbon pattern

Recommended Site Closure Activities

Based on review of the UST removal and subsequent soil abatement activities conducted to date at the subject property, GGTR recommends the following additional corrective actions to facilitate site closure review:

- 1. Complete implementation of the subject October 1998 work plan
 - Removal of existing concrete island
 - Removal of associated subsurface product piping
 - Conduct confirmation soil sampling beneath product piping,
- 2. If warranted, following removal of the dispenser island, collect additional soil samples beneath the north and south ends to vertically assess the extent of fuel oil and lead contamination reported during the April 1999 sampling activities,
- 3. If warranted, drill at least two hydropunch borings at the site to further assess the potential impact of gasoline- and fuel oil-range hydrocarbons to shallow groundwater beneath the site; borings should be placed in the presumed up- and down gradient groundwater locations of the former gasoline/diesel UST excavation and grab groundwater samples should be analyzed for TPH-G, TPH-D, BTEX, Fuel Oxygenates (EPA Method 8260B, including the lead scavengers EDB & EDC), and dissolved-phase lead (EPA 6010B),
- 4. Prepare a report presenting the activities, findings, and conclusions of the additional corrective actions and submit the report to the ACHCSA for review.

All newly proposed activities presented herein are based upon approval of the ACHCSA. Should you have any questions, please contact us at your earliest convenience.

> MARK YOUNGKIN No. 1380 CERTIFIED **ENGINEERING GEOLOGIST**

Sincerely,

Golden Gate Tank Removal, Inc.

Brent A. Wheeler

Project Engineer

Registered Geologist CEG 1380

attachments

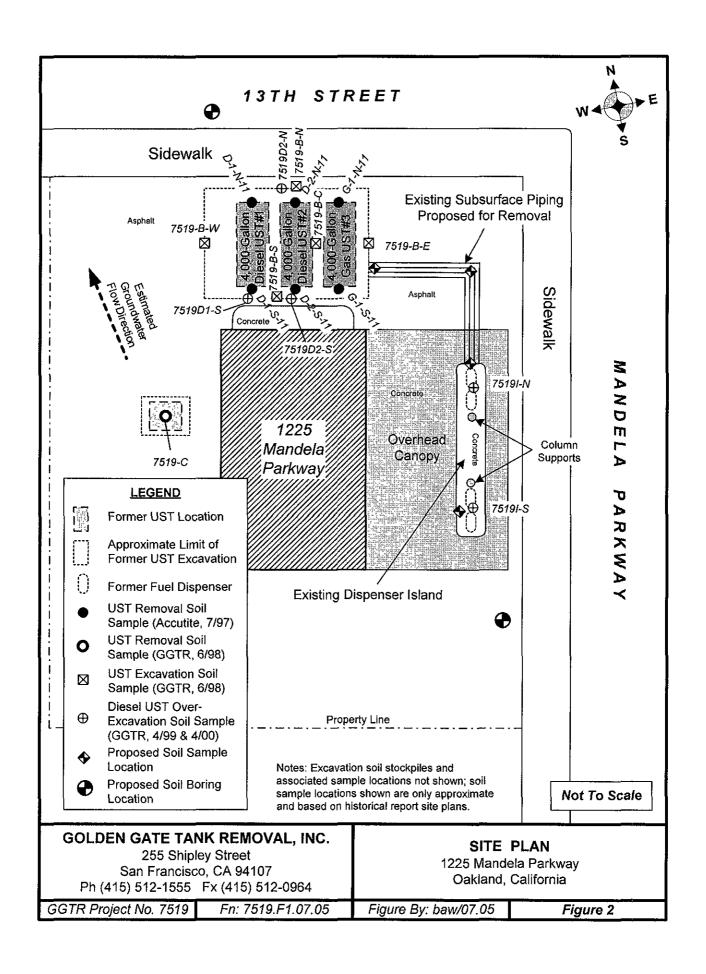
cc:

Mr. Thomas O. Gillis, 1153 Copper Verde Lane, Modesto, CA 95355

Mr. Clarence Gasper, P.O. Box 245160, Sacramento, CA 95824

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ALAMEDA COUNTY HEALTH CARE SERVICES



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To bill basset	From J. Eberle
Dept.	Phone #
Fax #	Fax #

AGENCY DAVID J. KEARS, Agency Director

January 3, 1997 STID 4153 page 1 of 2

Attn: Clarence and Virginia Glasper Mandela Trucking PO Box 245160 Sacramento CA 95824-5160 ENVIRONMENTAL PROTECTION (LOP) 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700 FAX (510) 337-9335

RE: Mandela Trucking site, 1225 Mandela Pkwy, Oakland CA 94607

Dear Mr. Glasper,

As you know, three 4,000-gallon underground storage tanks (USTs) were removed from this site on 7/11/96 by Accutite Environmental Engineering. Two USTs reportedly contained diesel fuel and the third UST reportedly contained gasoline fuel. Two soil samples were collected from below each UST. Six additional samples were collected from the stockpiled soils, for a total of twelve soil samples. Laboratory results indicate non-detect (ND) to very low concentrations of Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX). There were trace concentrations ND to 5.3 mg/kg) of gasoline contamination (Total Petroleum Hydrocarbons as Gasoline or TPHg). There were moderate concentrations (ND to 1300 mg/kg) of diesel contamination (Total Petroleum Hydrocarbons as Diesel or TPHd).

Currently, the excavation remains open and the UST investigation/closure is incomplete. The walls of the excavation should be scraped and resampled in the areas of the diesel contamination. The UST excavation must be backfilled with clean, imported fill and/or clean stockpiled soils. (It would be acceptable to reuse the stockpiles from the gasoline UST as backfill.) The stockpiles from the diesel UST should be properly disposed; legible and complete disposal documentation must be submitted to this office. The piping and dispensers must be removed, and further sampling needs to occur in these areas. In addition, the waste oil UST must be removed and soils sampled (or it must be permitted). A separate "Underground Tank Closure Plan" must be submitted for removal of the waste oil UST.

In addition, the tank removal report is overdue. This report is due within 60 days of the tank removal, as per the "Underground Tank Closure Plan," which Accutite submitted and which both Accutite and yourself signed in May 1996. I have enclosed a copy of the signature page for your reference.

Please be advised that "no person shall close an underground tank system unless that person... demonstrates to the appropriate agency... that the site has been investigated to determine if there are any present, or were past releases, and if so, that appropriate corrective or remedial actions have been taken," as per Section 25298 (c) (4) of the

January 3, 1997 STID 4153 page 2 of 2

Attn: Clarence and Virginia Glasper

California Health & Safety Code, (CH&SC) Division 20, Chapter 6.7. Further, "any operator of an underground tank system shall be liable for a civil penalty of not less than five hundred dollars (\$500) or more than five thousand dollars (\$5,000) for each underground storage tank for each day of violation for. . .failure to properly close an underground tank system," as per Section 25299 (a) (5) of CH&SC, Division 20, Chapter 6.7.

Therefore, you are required to submit the tank closure report within 30 days, or by February 3, 1997. In addition, you are required to sign a contract with a qualified environmental contractor or consultant to finish the UST job as specified above (in the second paragraph). Please submit a copy of the signed contract to this office within 45 days, or by February 18, 1997.

I understand that Mandela Trucking Inc. filed Chapter 11 bankruptcy in September 1992. However, since the property and the USTs are owned by yourselves as individuals, you are required to comply with the above mentioned directives.

If you have any questions regarding this letter, please contact me at (510) 567-6761.

Very truly yours,

Jehnlifer Eberle

Hazardous Materials Specialist

cc: Sami Maleab, Accutite Environmental Engineering, 35 So. Linden Av., South San Francisco CA 94080-6407

Attn: Kevin Crey, Title West Mortgage Company, 5530 Corbin Ave., suite 245, Tarzana CA 91356

Bruce Lubarsky, Jackson, Lubarsky attorneys at law, 400 South El Camino Real, Suite 700, San Mateo CA 94402

Larry Blazer, Alameda County District Attorney's Office of Environmental and Consumer Protection

Kevin Tinsley

J. Eberle/file



Alameda County Environmental Enforcement Review Panel

Alameda County District Attorney, Alameda County Environmental Health, California Department of Fish and Game, City of Alameda, City of Albany, City of Berkeley, City of Dublin, City of Emeryville, City of Fremont, City of Hayward, City of Livermore, City of Newark, City of Oakland, City of Piedmont, City of Pleasanton, City of San Leandro, City of Union City

DIRECTIVE AND ORDER PURSUANT TO HEALTH AND SAFETY CODE SECTION 25299

IN RE THE PROPERTY KNOWN AS: 1225 Mandela Parkway Oakland, CA

TO:

Clarence Glasper, site owner & operator P.O. Box 245160 Sacramento, CA 945824-5160

Clarence Glasper 2221 "A" Rice Drive West Sacramento, CA

An Environmental Enforcement Review Panel was held at the Alameda County Department of Environmental Health on May 7, 1997 at 1:00 p.m. The party herein named was served with notice and appeared. The Panel, having considered the evidence and all facts presented to it, hereby finds that the above-named party is the responsible owner/operator of the property/business named herein. The Panel requires you to:

- 1. Complete the tank closure, as begun under permit from Alameda County Environmental Health, in July 1996. Requirements for tank closure not yet completed include:
 - 1.1. Remove piping and dispensers from the former gasoline/diesel dispensing operations; sample soils to determine if a leak occurred under piping joints or the dispensers by September 15, 1997.
 - 1.2. Ensure that all contaminated soils are removed from the former tank pit and resample areas of concern to show that the pit is "clean." Areas of concern included the area of samples D-2-N-11, D-2-S-11, and D-1-S-11. This must be completed by September 15, 1997.
 - 1.3. Resample stockpile G-ST-N for TPH as gasoline and BTEX. This stockpile contains soils removed from around the former UST. The laboratory reports must be completed by September 15, 1997.
 - 1.4. Dispose of all contaminated soils in an appropriate landfill rather than using them as backfill in the former tank pit. This must be completed by September 15, 1997.
 - 1.5. Submit the tank removal report detailing all activities completed since July 1996. This must be completed by September 15, 1997.

2. Submit an "Underground Storage Tank Closure Plan" to remove the waste oil tank remaining on site. This application must be accompanied by appropriate permit fees for site oversight. This must be completed by September 15, 1997.

The completion of the above work may not satisfy all your obligations to ensure that the site is clean. Additional workplans and technical reports may be required of you based upon an evaluation of the data required above. Additional work required by Alameda County Department of Environmental Health will be communicated to you in writing and submittal dates for this work will be included. All work must adhere to the requirements articulated in The Tri-Regional Board Staff Recommendations for the Preliminary Evaluation and Investigation of Underground Storage Tank Sites, Dated 8/10/90.

This Directive is a Legal Request to Furnish Information pursuant to California Health and Safety Code Sections 25299.37 and 25299.78. Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by Alameda County Department of Environmental Health.

Failure to undertake the required corrective action, including the submittal of a technical report after the date specified in this request, may result in fines of up to \$5,000 per day per tank pursuant to Health and Safety Code section 25299 and \$10,000 per day per tank pursuant to Health and Safety Code section 25299.76. All submittals pursuant to this directive must be signed by the (party/parties) named herein under penalty of perjury as required by Health and Safety Code section 25299.78.

All submittals pursuant to this directive must be signed by the parties named herein and sent to Jennifer Eberle, Hazardous Materials Specialist at (510)567-6761.

Dated: 1-1-97

Thomas Peacock

Manager, Division of Environmental Protection Alameda County Department of Environmental Health

cc: Jennifer Krebs, Environmental Enforcement Review Panel
Bob Chambers, Alameda County District Attorney's Office
Gordon Coleman, Alameda County Environmental Health Services



Alameda County Environmental Enforcement Review Panel

Alameda County District Attorney, Alameda County Environmental Health, California Department of Fish and Game, City of Alameda, City of Albany, City of Berkeley, City of Dublin, City of Emeryville, City of Fremont, City of Hayward, City of Livermore, City of Newark, City of Oakland, City of Piedmont, City of Pleasanton, City of San Leandro, City of Union City

NOTICE OF OFFICIAL ACTION

The attached Directive has been forwarded to this office for legal service, and oversight. As the Agency responsible for enforcing the terms of this Direction, all communication and arrangements to comply should be through this Agency. Please call Jennifer Eberle at (510) 567-6761 to coordinate all future activities.

Failure to comply could result in liability for civil or administrative penalties of up to \$10,000 per day per violation as stated in the attached Directive.

I homes beaco	, do hereby certify that I served
Clarence Colas	with a copy of the attached Directive by
certified mailer #	· .
Dated: 8-11-97	(signature)

ALAMEDA COUNTY

HEALTH CARE SERVICES







February 1, 1999

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700

(510) 337-9335 (FAX)

Mr. Clarence Glasper P.O. Box 245160 Sacramento, CA 95824 STID 4153

RE:

Mandela Trucking, 1225 Mandela Parkway, Oakland, CA 94607

Dear Mr. Glasper:

I have reviewed your Workplan for Additional Work dated October 23, 1998 that was prepared by Golden Gate Tank Removal. This workplan is acceptable with the condition that a copy of Figure mnmn is sent to this office. Figure mnmn identifies the approximate area that will be scrapped from the gasoline/diesel underground excavation.

In addition, please send to this office a copy of your final Waste Oil Tank Removal Report for the underground tank that was removed in June 1998.

If you have any questions, please contact me at (510) 567-6774.

∠arr∕v Seto

Sr. Hazardous Materials Specialist

Cc:

John Carver, Golden Gate Tank Removal, 255 Shipley Street, San Francisco, CA 94107

Files

April 7th Completion

GOLDEN GATE TANK REMOVAL

ALAMEDA COUNTY

HEALTH CARE SERVICES





DAVID J. KEARS, Agency Director

April 4, 2000

ENVIRONMENTAL HEALTH SERVICES ENVIRONMENTAL PROTECTION (LOP) 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700 FAX (510) 337-9335

Mr. Clarence Glasper P.O. Box 245160 Sacramento, CA 95824 STID 4153

RE: Mandela Trucking, 1225 Mandela Parkway, Oakland, CA 94607

Dear Mr. Glasper:

I have reviewed the chemical analysis of the sample taken on March 20, 2000 from the stockpile soil from the above site. It is acceptable to use as backfill if the City of Oakland, Fire Department—Hazardous Materials section concurs.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,

Larry Seto

Sr. Hazardous Materials Specialist

c: V Tracy Wallace, Golden Gate Tank Removal, 255 Shipley Street, San Francisco, CA 94107

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