

AC Transit

Alameda-Contra Costa Transit District

10626 East 14th Street, Oakland, California

94603 ☐ (510) 577-8804

FAX ☐ (510) 577-8859

DC JUL 33 PM 3:54



August 1 2000

Ms. eva chu
Alameda County Health Division
Division of Environmental Protection
Department of Environmental Health
1131 Harbor Bay Parkway, Second Floor
Alameda, CA 94502


Dear Ms. chu:

Subject: Underground Storage Tank Closure Report
AC Transit, 1177 47th Street, Emeryville

Enclosed is a copy of the Closure Report for the six underground storage tanks that were removed in December 1999 from the AC Transit facility located at 1177 47th Street in Emeryville. The report was prepared by Geo-Logic and contains the results of ground water samples collected from the tank pit and soil samples collected from the tank pit, remote drain ports from within the building, and stockpiled soil.

If you have any questions regarding this report, please call me at (510) 577-8869.

Sincerely,


Suzanne Patton, P.E.
Environmental Manager

SP/sp

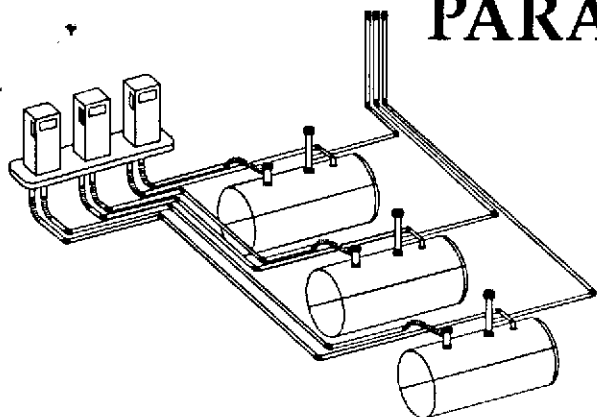
cc: Brad Wright, Safety-Kleen Consulting

PARADISO MECHANICAL, INC.

GENERAL & PETROLEUM CONTRACTORS
and ENVIRONMENTAL SERVICES

P.O. BOX 1836
2600 WILLIAMS STREET
SAN LEANDRO, CA 94577

LICENSE NO. 677909
PHONE (510) 614-8390
FAX (510) 614-8396



July 24, 2000

Suzanne Patton
A. C. Transit
10626 East 14th Street
Oakland, CA 94603

RE: Underground Storage Tank Closure Report for 1177 - 47th St., Emeryville

Dear Sue:

Attached are three (3) copies of the UST Closure Report as prepared by Joel Gregor of Geo-Logic. Paradiso Mechanical removed six tanks from his facility on December 20, 1999.

Included in the attached package is a description of the activities associated with the tank removal work including soil and water sampling. The analytical data for the soil and water sampling is included in Mr. Gregor's report. Also included are copies of the Tank Certificates as provided by ECI along with the shipping documents and a site map with photos.

Please contact us, if you have any questions or comments on this report.

Sincerely,



Robert S. Corsun
Project Manager

RSC:erv

RECEIVED

JAN 26 2000

geo - logic

geotechnical and environmental consulting services

PARADISO
MECHANICAL, INC.

1140 - 5th Avenue, Crockett, CA 94525

(510) 787-6867 - Fax (510) 787-1457

January 14, 2000
Paradiso Job No. 99-573

Ms. Suzanne Patton
A.C. Transit
1600 Franklin Street
Oakland, California 94612

RE: Sampling during Removal of Underground Storage Tanks
A.C. Transit, 1177-47th Street
Emeryville, California 94608

Ms. Patton:

This report summarizes the results of soil and groundwater sampling performed by Geo-Logic at the referenced site during the recent tank removals. All work was performed in compliance with the guidelines established by the Regional Water Quality Control Board (RWQCB), and the Alameda County Health Care Services Agency - Department of Environmental Health (ACDEH).

The scope of the work performed by Geo-Logic consisted of the following:

Coordination with the regulatory agencies

Collection of groundwater samples from the tank pit and from a temporary above-ground holding tank

Collection of a composite sample from the soil stockpile for the waste oil tank

Collection of soil samples from two remote drain port locations within the building

Delivery of soil samples with properly executed Chain of Custody documentation to a certified analytical laboratory

Technical review of data and preparation of this report

SITE DESCRIPTION

The subject site is a bus yard for A.C. Transit, and is located west of San Pablo Avenue between 45th and 47th Streets in Emeryville. The maintenance building area, where Geo-Logic's work was conducted, is located on the western portion of the site (Figure 1).

FIELD ACTIVITIES

On December 20, 1999, Geo-Logic was present at the site during the removal of six underground storage tanks. All of the tanks were double-wall Xerxes fiberglass tanks and appeared to be in good condition. The tanks included one 8,000-gallon engine oil tank, one 8,000-gallon coolant tank, one 8,000-gallon automatic transmission fluid tank, one 4,000-gallon waste oil tank, one 3,000-gallon waste solvent tank, and one 3,000-gallon solvent tank. Ms. Eva Chu of the ACDEH witnessed the tank removals and subsequent sampling.

All of the tanks were transported under proper manifest by ECI to their facility in Richmond, California. Approximately 10,000 gallons of water from the tank pit, including a small amount of water from the annular spaces of several of the tanks, was pumped to a temporary above-ground holding tank. The pea gravel backfill from beneath the waste oil tank, which had oil staining at the west end, was segregated from the rest of the pea gravel backfill that was excavated from the tank pit.

Upon removal of the tanks, droplets of oil were noted in the water beneath each tank in the tank pit. The oil was most concentrated beneath the waste oil tank, at the northeastern portion of the pit.

The sidewalls of the tank pit, which consisted of pea gravel backfill, were undermining beneath the surrounding concrete pavement. Since native soils were not exposed, soil sampling in the tank pit was not conducted. Except for the pea gravel backfill from the vicinity of the waste oil tank, which was segregated and sampled for disposal profiling, the excavated pea gravel was later placed back in the excavation.

On December 20, 1999, groundwater was measured in the tank pit excavation at a depth of approximately 6.7 feet below grade. A water sample was collected from beneath the westernmost tank, using a clean teflon bailer. The sample was placed in two clean glass VOA vials and two amber one-liter bottles. The water sample was stored in a cooled ice chest for delivery to a certified laboratory.

Soil samples were collected from the two remote drain port locations inside the building. The southernmost drain port was used for waste solvent disposal and the northern drain port for waste oil. The samples, designated as W. O. Fill Port 1 and W. O. Fill Port 2, were collected at approximately 1 foot below the surface of the soil within each recessed drain port box. The samples were collected by hand-driving clean two-inch diameter brass sample tubes directly into the subsurface soils. The samples were each sealed with teflon and plastic caps and stored in a cooled ice chest for delivery to a certified laboratory. Sample

The purged water sample collected from the temporary above-ground holding tank, and the composite stockpile soil sample collected from the waste oil tank backfill, were analyzed as required for proper disposal.

The results of the soil analyses are summarized in Tables 1 and 3. The results of the water analyses are summarized in Tables 2 and 4. Copies of the laboratory analyses and the Chain of Custody documentation are attached to this report.

DISTRIBUTION

A copy of this report should be sent to Ms. eva chu of the ACDEH, and to the City of Emeryville Fire Department.

LIMITATIONS

Soil deposits and rock formations may vary in thickness, lithology, saturation, strength and other properties across any site. In addition, environmental changes, either naturally-occurring or artificially-induced, may cause changes in the extent and concentration of any contaminants. Our studies assume that the field and laboratory data are reasonably representative of the site as a whole, and assume that subsurface conditions are reasonably conducive to interpolation and extrapolation.

The results of this study are based on the data obtained from the field and laboratory analyses obtained from a state certified laboratory. We have analyzed this data using what we believe to be currently applicable engineering techniques and principles in the Northern California region. We make no warranty, either expressed or implied, regarding the above, including laboratory analyses, except that our services have been performed in accordance with generally accepted professional principles and practices existing for such work.

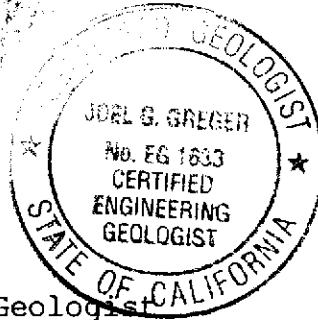
A.C. Transit, 1177-47th St., Emeryville

January 14, 2000

Should you have any questions regarding this report, please feel free to call me at (510) 787-6867.

Sincerely,

Geo-Logic



Joel G. Greger, C.E.G.
Certified Engineering Geologist
License No. EG 1633
Exp. Date 8/31/2000

Attachments: Tables 1 through 4
Figure 1
Laboratory Analyses and Chain of Custody

cc: Paradiso Mechanical, Inc.

TABLE 1 - SOIL CHEMICAL ANALYTICAL DATA
A.C. Transit
1177-47th Street
Emeryville, California

Sample Location and depth	TOG (ppm)	TPHd (ppm)	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)	MTBE (ppm)
(Samples collected on 12/20/99)								
W.O. Fill Port 1* (1')	5,100	260	72	<0.005	<0.005	<0.005	<0.005	<0.05
W.O. Fill Port 2** (1')	7,900	300	74	<0.005	0.032	0.028	0.4	<0.1
Sample Location and depth	Cadmium (ppm)	Chromium (ppm)	Lead (ppm)	Nickel (ppm)	Zinc (ppm)			

(Samples collected on 12/20/99)

W.O. Fill Port 1 (1')	<0.5	19	6.3	32	52			
W.O. Fill Port 2 (1')	<0.5	29	9.8	48	180			

EXPLANATION:

ppm = parts per million

* EPA Method 8010 constituents were non-detectable, except for tetrachloroethene, which was detected at a concentration of 1.1 ppm.

** EPA Method 8010 constituents were non-detectable, except for tetrachloroethene, cis 1,2 Dichloroethene, and Trichloroethene, which were detected at concentrations of 0.420, 0.021, and 0.020 ppm, respectively.

TABLE 2 - WATER CHEMICAL ANALYTICAL DATA - TANK PIT

A.C. Transit
 1177-47th Street
 Emeryville, California

Sample	TPH as Stoddard Solv. (ppb)	TPHd (ppb)	TPH as Motor Oil (ppb)	TPHg (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl- benzene (ppb)	Xylenes (ppb)
Sample collected on 12/21/99								
Tank Pit Water*	120	560	1,400	280	2.5	9.4	<0.5	4.3

Sample	TPH as ATF (ppb)	MTBE (ppb)	Ethylene Glycol (ppb)
Tank Pit Water	21,000	6.6	ND

ppb = parts per billion
 ND = non-detectable

NOTES: * EPA Method 8010 constituents were non-detectable, except for cis 1,2 Dichloroethene and Tetrachloroethene, which were detected at concentrations of 0.83 ppb and 27 ppb, respectively. The LUFT 5 metals were non-detectable, except for chromium, which was detected at a concentration of 8.0 ppb.

TABLE 3 - SOIL STOCKPILE CHEMICAL ANALYTICAL DATA

A.C. Transit
 1177-47th Street
 Emeryville, California

Sample	TPHg (ppm)	TPH as Stoddard Solvent (ppm)	TPH as ATF (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl- benzene (ppm)	Xylenes (ppm)	MTBE (ppm)
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(Samples collected on 12/21/99)

Comp S1	69	71	1,800	ND	ND	ND	ND	ND
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Sample	TRPH (ppm)	EPA Method 8010	EPA Method 8260	EPA Method 8270	PCBs (ppm)	Corrosivity (pH)	Reactivity	Ignitability
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(Samples collected on 12/21/99)

Comp S1	3,300	ND	ND	ND	<0.13	7.91@24.1 C	negative	negative
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Sample	Cadmium (ppm)	Chromium (ppm)	Lead (ppm)	Nickel (ppm)	Zinc (ppm)
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(Samples collected on 12/21/99)

Comp S1	<0.5	15	<3.0	38	34
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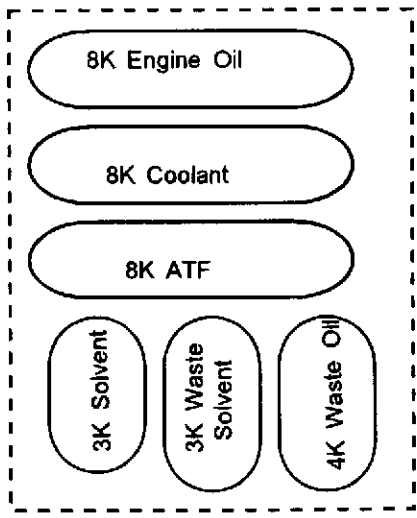
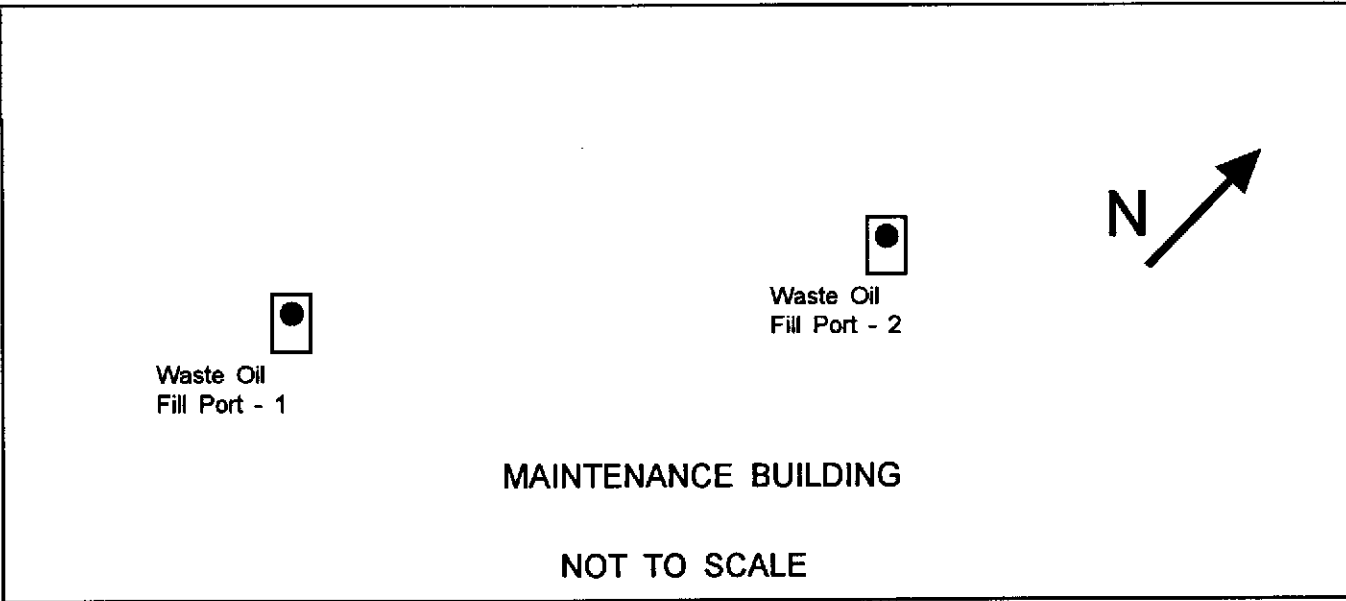
ppm = parts per million

TABLE 4 - ANALYTICAL DATA - PURGED WATER

A.C. Transit
1177-47th Street
Emeryville, California

Sample	TOG	TPHd	Cadmium	Chromium	Lead	Nickel	Zinc
	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
Purged Water	<500	390	<5	34	<5	<50	220

ppb = parts per billion



Tank Pit Excavation

SCALE:

1" = 10'



LEGEND

● SOIL SAMPLE (DEPTH)

Samples collected on December 20, 1999

<p>A.C. Transit 1177-47th St. Emeryville, CA</p>	<p>Figure No: 1</p>	<p>Date: 1/8/2000</p>
		<p>Drawn By: JG/Geo-Logic</p>

Site Plan



McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

Calcoast Analytical 4072 Watts Street Emeryville, CA 94608	Client Project ID: #99-573; AC Transit 1177-47 th St. Emeryville	Date Sampled: 12/20/99
	Client Contact: Joel Gregger	Date Received: 12/20/99
	Client P.O.:	Date Extracted: 12/20/99
		Date Analyzed: 12/20/99

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	27813	27814	
Client ID	W.O. Fill Port (1)	W.O. Fill Port (2)	
Matrix	S	S	
Compound	Concentration		
Bromodichloromethane	ND<25	ND<10	
Bromoform ^(b)	ND<25	ND<10	
Bromomethane	ND<25	ND<10	
Carbon Tetrachloride ^(d)	ND<25	ND<10	
Chlorobenzene	ND<25	ND<10	
Chloroethane	ND<25	ND<10	
2-Chloromethyl Vinyl Ether ^(b)	ND<25	ND<10	
Chloroform ^(e)	ND<25	ND<10	
Chloromethane	ND<25	ND<10	
Dibromochloromethane	ND<25	ND<10	
1,2-Dichlorobenzene	ND<25	ND<10	
1,3-Dichlorobenzene	ND<25	ND<10	
1,4-Dichlorobenzene	ND<25	ND<10	
Dichlorodifluoromethane	ND<25	ND<10	
1,1-Dichloroethane	ND<25	ND<10	
1,2-Dichloroethane	ND<25	ND<10	
1,1-Dichloroethene	ND<25	ND<10	
cis 1,2-Dichloroethene	ND<25	21	
trans 1,2-Dichloroethene	ND<25	ND<10	
1,2-Dichloropropane	ND<25	ND<10	
cis 1,3-Dichloropropene	ND<25	ND<10	
trans 1,3-Dichloropropene	ND<25	ND<10	
Methylene Chloride ^(h)	ND<25	ND<10	
1,1,2,2-Tetrachloroethane	ND<25	ND<10	
Tetrachloroethene	1100	420	
1,1,1-Trichloroethane	ND<25	ND<10	
1,1,2-Trichloroethane	ND<25	ND<10	
Trichloroethene	ND<25	20	
Trichlorofluoromethane	ND<25	ND<10	
Vinyl Chloride ⁽ⁱ⁾	ND<25	ND<10	
% Recovery Surrogate	101	109	
Comments			

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe

Reporting limit unless otherwise stated: water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<3ug/kg; wipes, ND<0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content.

DHS Certification No. 1644

 Edward Hamilton, Lab Director



McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone: 925-798-1620 Fax: 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

Calcoast Analytical 4072 Watts Street Emeryville, CA 94608	Client Project ID: #99-573; AC Transit 1177-47 th St. Emeryville	Date Sampled: 12/20/99
	Client Contact: Joel Gregger	Date Received: 12/20/99
	Client P.O:	Date Analyzed: 12/20-12/21/99

LUFT Metals*

EPA analytical methods 6010/200.7, 239.2*

Lab ID	Client ID	Matrix	Extraction ^o	Cadmium	Chromium	Lead	Nickel	Zinc	% Recovery Surrogate
27812	Purge Water	W	TTLC	ND	0.034	ND	ND	0.22	102
27813	W.O. Fill Port (1)	S	TTLC	ND	19	6.3	32	52	111
27814	W.O. Fill Port (2)	S	TTLC	ND	29	9.8	48	180	107
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	S	TTLC	0.5 mg/kg	0.5	3.0	2.0	1.0		
	W	TTLC	0.005 mg/L	0.005	0.005	0.05	0.05		
	--	STLC, TCLP	0.01 mg/L	0.05	0.2	0.05	0.05		

* water samples are reported in mg/L, soil and sludge samples in mg/kg, wipes in ug/wipe and all TCLP / STLC / SPLP extracts in mg/L
^o Lead is analysed using EPA method 6010 (ICP) for soils, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples
^o EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(orgentic matrices,TTLC), 3050(solids,TTLC); STLC - CA Title 22
^o surrogate diluted out of range; N/A means surrogate not applicable to this analysis
^o reporting limit raised due to matrix interference
i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

Edward Hamilton Edward Hamilton, Lab Director

#114

27812
 27813
 27814

Proj. Mgr.: Joe Gregor - Geologic
 Company: Paradise Medical
 Address: POB 1836
2600 Williams St.
San Leandro CA 94577
 Samples (signature): [Signature] (Phone No.) 510 7876867
 (Fax No.) 510 7871457

TPH - Gasoline (EPA 8030, 8015)	TPH - Gasoline (8030, 8015) w/ BTEX (EPA 802, 8020)	TPH - Diesel TEPH (EPA 3510/2590, 8015)	PURGEABLE AROMATICS BTEX (EPA 812, 8020)	PURGEABLE HALOCARBONS (EPA 801, 8019)	VOLATILE ORGANICS (EPA 824, 8240, 5242)	SERIALIZED, ACIDS (EPA 815/827, 8270, 829)	TOTAL OIL & GREASE (EPA 8160, 8161, 8162)	PCB (EPA 608, 8080)	PESTICIDES (EPA 809, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT	METALS: Cd, Cr, Pb, Zn, Ni	CAN METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TOL, STG)

Sample ID	Type	Date	Time	Preserve
<u>W20</u> <u>W20 Side</u> <u>Water</u>	<u>gnd</u>	<u>12/20/97</u>	<u>12 PM</u>	
<u>W20</u> <u>W20 Side</u> <u>Pump Pit</u>	<u>↓</u>	<u>↓</u>	<u>11 AM</u>	
<u>W20</u> <u>W20 Side</u> <u>Fill Port (1)</u>	<u>SO₂</u>		<u>11 AM</u>	
<u>W20</u> <u>W20 Side</u> <u>Fill Port (2)</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	

Project Information

Project Name: A.C. Transit 1177 - 47th St. Emergency

Project No.: Emergency

PO #:

TAT: Standard 5-Day

Conforms To Record: 24 48 72 Other

Sample Receipt

Relinquished By: [Signature]
 (Signature) Joe Gregor
 (Printed Name) Joe Gregor
 (Date) 12/20/97 (Time) @ 12:30pm

Sample Receipt

1. Relinquished By: [Signature]
 (Signature) Kevin J...
 (Printed Name) Kevin J...
 (Date) 12/20/90 (Time) 4:27

Special Instructions / Comments:

Refer to Job Name, Address & No. or lab sheets & invoice, as follows:
A.C. Transit
1177 - 47th St.
Emergency

Received By: [Signature]
 (Signature) [Signature]
 (Printed Name) H. Horben
 (Date) 12-20-99 (Time) 12:30pm

1. Received By: [Signature]
 (Signature) Jina M Butler
 (Printed Name) Jina M Butler
 (Date) 12/20/99 (Time) 4:30

ICE/GOOD CONDITION HEAD SPACE ✓
 PRESERVATION APPROPRIATE ✓
 MOAS/LOG/METALS/OTHER ✓

3/2/00
 2/1/00
 1/1/00

NUMBER OF CO:

Paradise Job No. 99-573 * Sample not Received



McCAMPBELL ANALYTICAL INC.

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 Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

Calcoast Analytical 4072 Watts Street Emeryville, CA 94608	Client Project ID: AC Transit; 1177-47th	Date Sampled: 12/21/99
		Date Received: 12/21/99
	Client Contact: Joel Gregger	Date Extracted: 12/21-01/03/00
	Client P.O:	Date Analyzed: 12/21-01/03/00

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g) ⁺	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Recovery Surrogate
27979	Tank Pit	W	280,a	6.6	2.5	9.4	ND	4.3	112
27980	Comp S1	S	69.g	ND	ND	ND	ND	ND	108
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W		50 ug/L	5.0	0.5	0.5	0.5	0.5	
	S		1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

⁺ cluttered chromatogram: sample peak coelutes with surrogate peak

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than -5 vol. % sediment; j) no recognizable pattern.



McCAMPBELL ANALYTICAL INC.

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Calcoast Analytical 4072 Watts Street Emeryville, CA 94608	Client Project ID: AC Transit; 1177-47th	Date Sampled: 12/21/99
	Client Contact: Joel Gregger	Date Received: 12/21/99
	Client P.O.:	Date Extracted: 12/23-12/28/99
		Date Analyzed: 12/23-12/28/99

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	27979		
Client ID	Tank Pit		
Matrix	W		
Compound	Concentration		
Bromodichloromethane	ND<0.72		
Bromoform ^(b)	ND<0.72		
Bromomethane	ND<0.72		
Carbon Tetrachloride ^(c)	ND<0.72		
Chlorobenzene	ND<0.72		
Chloroethane	ND<0.72		
2-Chloroethyl Vinyl Ether ^(d)	ND<0.72		
Chloroform ^(e)	ND<0.72		
Chloromethane	ND<0.72		
Dibromochloromethane	ND<0.72		
1,2-Dichlorobenzene	ND<0.72		
1,3-Dichlorobenzene	ND<0.72		
1,4-Dichlorobenzene	ND<0.72		
Dichlorodifluoromethane	ND<0.72		
1,1-Dichloroethane	ND<0.72		
1,2-Dichloroethane	ND<0.72		
1,1-Dichloroethene	ND<0.72		
cis 1,2-Dichloroethene	0.83		
trans 1,2-Dichloroethene	ND<0.72		
1,2-Dichloropropane	ND<0.72		
cis 1,3-Dichloropropene	ND<0.72		
trans 1,3-Dichloropropene	ND<0.72		
Methylene Chloride ^(f)	ND<0.72		
1,1,2,2-Tetrachloroethane	ND<0.72		
Tetrachloroethene	27		
1,1,1-Trichloroethane	ND<0.72		
1,1,2-Trichloroethane	ND<0.72		
Trichloroethene	ND<0.72		
Trichlorofluoromethane	ND<0.72		
Vinyl Chloride ^(g)	ND<0.72		
% Recovery Surrogate	96		
Comments			

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe
 Reporting limit unless otherwise stated: water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe
 ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content.

DHS Certification No. 1644

 Edward Hamilton, Lab Director

GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

CERTIFICATE OF ANALYSIS

Report # K356-09

Date: 12/23/99

McCampbell Analytical
110 2nd Avenue South
Pacheco

Project: 28195 Caleo

Date Rec'd: 12/22/99
Date Started: 12/22/99
Date Completed: 12/22/99

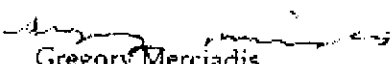
CA 94553-5560 PO#

Date Sampled: 12/21/99
Time: 10:00 am
Sampler :

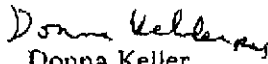
Sample ID: Tank Pit

Lab ID: K38040

Method	MDL	Analyte	Results	Units
GC-FID	5	Ethylene glycol	ND	mg/L


Gregory Merciadis
Chemist

Certification # 1157


Donna Keller
Laboratory Director

GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900 Fax (209) 572-0916

Report# K356-09

QC REPORT

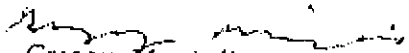
McC Campbell Analytical
110 2nd Avenue South

Pacheco CA 94553-5560

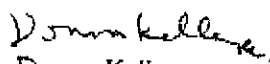
Dates Analyzed 12/22/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
ethylene glycol	SV00474	GC-FID	80.0	90.0	11.8	ND

Comments:


Gregory Merciadis
Chemist

Certification # 1157


Donna Keller
Laboratory Director



McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone: 925-798-1620 Fax: 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

Calcoast Analytical 4072 Watts Street Emeryville, CA 94608	Client Project ID: AC Transit; 1177-47th	Date Sampled: 12/21/99
	Client Contact: Joel Gregger	Date Received: 12/21/99
	Client P.O.:	Date Analyzed: 12/22-12/23/99
		Date Extracted: 12/21/99

Volatile Halocarbons

EPA method 601 or 8010

Compound	Lab ID	Client ID	Matrix	Concentration
	27980	Comp S1	S	
Bromodichloromethane	ND			
Bromoform ^(b)	ND			
Bromomethane	ND			
Carbon Tetrachloride ^(c)	ND			
Chlorobenzene	ND			
Chloroethane	ND			
2-Chloroethyl Vinyl Ether ^(d)	ND			
Chloroform ^(e)	ND			
Chloromethane	ND			
Dibromochloromethane	ND			
1,2-Dichlorobenzene	ND			
1,3-Dichlorobenzene	ND			
1,4-Dichlorobenzene	ND			
Dichlorodifluoromethane	ND			
1,1-Dichloroethane	ND			
1,2-Dichloroethane	ND			
1,1-Dichloroethene	ND			
cis 1,2-Dichloroethene	ND			
trans 1,2-Dichloroethene	ND			
1,2-Dichloropropane	ND			
cis 1,3-Dichloropropene	ND			
trans 1,3-Dichloropropene	ND			
Methylene Chloride ^(f)	ND			
1,1,2,2-Tetrachloroethane	ND			
Tetrachloroethane	ND			
1,1,1-Trichloromethane	ND			
1,1,2-Trichloromethane	ND			
Trichloroethene	ND			
Trichlorofluoromethane	ND			
Vinyl Chloride ^(g)	ND			
% Recovery Surrogate	100			
Comments				


* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe

Reporting limit unless otherwise stated: water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than -5 vol. % sediment; (j) sample diluted due to high organic content.

DHS Certification No. 1644

 Edward Hamilton, Lab Director



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http://www.mccampbell.com E-mail: main@mccampbell.com

Calcoast Analytical 4072 Watts Street Emeryville, CA 94608	Client Project ID: AC Transit; 1177-47th	Date Sampled: 12/21/99
	Client Contact: Joel Gregger	Date Received: 12/21/99
	Client P.O:	Date Extracted: 12/21/99
		Date Analyzed: 12/23/99

Volatile Organics By GC/MS

EPA method 8260			
Lab ID	27980		
Client ID	Comp S1		
Matrix	S		
Compound	Concentration*	Compound	Concentration*
Acetone (b)	ND<10	trans-1,3-Dichloropropene	ND
Benzene	ND	Ethylene dibromide	ND
Bromobenzene	ND	Ethylbenzene	ND
Bromochloromethane	ND	Hexachlorobutadiene	ND
Bromodichloromethane	ND	Iodomethane	ND
Bromoform	ND	Isopropylbenzene	ND
Bromomethane	ND	p-Isopropyl toluene	ND
n-Butyl benzene	ND	Methyl butyl ketone (d)	ND
sec-Butyl benzene	ND	Methylene Chloride (e)	ND
tert-Butyl benzene	ND	Methyl ethyl ketone (f)	ND
Carbon Disulfide	ND	Methyl isobutyl ketone (g)	ND
Carbon Tetrachloride	ND	Methyl tert-Butyl Ether (MTBE)	ND
Chlorobenzene	ND	Naphthalene	ND
Chloroethane	ND	n-Propyl benzene	ND
2-Chloroethyl Vinyl Ether (h)	ND	Styrene (i)	ND
Chloroform	ND	1,1,1,2-Tetrachloroethane	ND
Chloromethane	ND	1,1,2,2-Tetrachloroethane	ND
2-Chlorotoluene	ND	Tetrachloroethene	ND
4-Chlorotoluene	ND	Toluene (m)	ND
Dibromochloromethane	ND	1,2,3-Trichlorobenzene	ND
1,2-Dibromo-3-chloropropane	ND	1,2,4-Trichlorobenzene	ND
Dibromomethane	ND	1,1,1-Trichloroethane	ND
1,2-Dichlorobenzene	ND	1,1,2-Trichloroethane	ND
1,3-Dichlorobenzene	ND	Trichloroethene	ND
1,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
Dichlorodifluoromethane	ND	1,2,3-Trichloropropane	ND
1,1-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
1,2-Dichloroethane	ND	1,3,5-Trimethylbenzene	ND
1,1-Dichloroethene	ND	Vinyl Acetate (n)	ND
cis-1,2-Dichloroethene	ND	Vinyl Chloride (o)	ND
trans-1,2-Dichloroethene	ND	Xylenes, total (p)	ND
1,2-Dichloropropane	ND	Comments:	
1,3-Dichloropropane	ND	Surrogate Recoveries (%)	
2,2-Dichloropropane	ND	Dibromofluoromethane	101
1,1-Dichloropropene	ND	Toluene-d8	99
cis-1,3-Dichloropropene	ND	4-Bromofluorobenzene	109

*water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / SPLP extracts in ug/L
 Reporting limits unless otherwise stated: water samples 1 ug/L; vapor samples 0.5 ug/L; solid and sludge samples 5 ug/kg; wipes 0.2ug/wipe
 ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) 2-propanone or dimethyl ketone; (c) (2-chloroethoxy) ethene; (d) 2-hexanone; (e) dichloromethane; (f) 2-butanone; (g) 4-methyl-2-pentanone or isopropylacetone; (h) lighter than water immiscible when is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content; (k) ethenylbenzene; (l) methylbenzene; (m) acetic acid ethenyl ester; (n) chloroethene; (o) dimethylbenzenes.

DHS Certification No. 1644

Edward Hamilton, Lab Director



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Calcoast Analytical 4072 Watts Street Emeryville, CA 94608	Client Project ID: AC Transit; 1177-47th	Date Sampled: 12/21/99
	Client Contact: Joel Gregger	Date Received: 12/21/99
	Client P.O.:	Date Extracted: 12/21/99
		Date Analyzed: 12/28/99

Semi-Volatile Organics By GC/MS

EPA method 623 and 3510 or 8270 and 3550

Lab ID	27980
Client ID	Comp S1
Matrix	S

Compound	Concentration*	Reporting Limit		Compound	Concentration*	Reporting Limit	
		W	S			W	S
Acenaphthene	ND<5	10	0.33	Di-n-octyl Phthalate	ND<5	10	0.33
Acenaphthylene	ND<5	10	0.33	1,2-Diphenylhydrazine	ND<5	10	0.33
Anthracene	ND<5	10	0.33	Fluoranthene	ND<5	10	0.33
Benzidine	ND<25	50	1.6	Fluorene	ND<5	10	0.33
Benzoic Acid	ND<25	50	1.6	Hexachlorobenzene	ND<5	10	0.33
Benzo(a)anthracene	ND<5	10	0.33	Hexachlorobutadiene	ND<5	10	0.33
Benzo(b)fluoranthene	ND<5	10	0.33	Hexachlorocyclopentadiene	ND<25	50	1.6
Benzo(k)fluoranthene	ND<5	10	0.33	Hexachloroethane	ND<5	10	0.33
Benzo(g,h,i)perylene	ND<5	10	0.33	Indeno(1,2,3-cd)pyrene	ND<5	10	0.33
Benzo(a)pyrene	ND<5	10	0.33	Isophorone	ND<5	10	0.33
Benzyl Alcohol	ND<10	20	0.66	2-Methylnaphthalene	ND<5	10	0.33
Bis(2-chloroethoxy)methane	ND<5	10	0.33	2-Methylphenol (o-Cresol)	ND<5	10	0.33
Bis(2-chloroethyl) Ether	ND<5	10	0.33	4-Methylphenol (p-Cresol)	ND<5	10	0.33
Bis(2-chloroisopropyl)Ether	ND<5	10	0.33	Naphthalene	ND<5	10	0.33
Bis(2-ethylhexyl) Phthalate	ND<5	10	0.33	2-Nitroaniline	ND<25	50	1.6
4-Bromophenyl Phenyl Ether	ND<5	10	0.33	3-Nitroaniline	ND<25	50	1.6
Butylbenzyl Phthalate	ND<5	10	0.33	4-Nitroaniline	ND<25	50	1.6
4-Chloroaniline	ND<10	20	0.66	2-Nitrophenol	ND<25	50	1.6
4-Chloro-3-methylphenol	ND<5	10	0.33	4-Nitrophenol	ND<25	50	1.6
2-Chloronaphthalene	ND<5	10	0.33	Nitrobenzene	ND<5	10	0.33
2-Chlorophenol	ND<5	10	0.33	N-Nitrosodimethylamine	ND<5	10	0.33
4-Chlorophenyl Phenyl Ether	ND<5	10	0.33	N-Nitrosodiphenylamine	ND<5	10	0.33
Chrysene	ND<5	10	0.33	N-Nitrosodi-n-propylamine	ND<5	10	0.33
Dibenz(a,h)anthracene	ND<5	10	0.33	Pentachlorophenol	ND<5	10	0.33
Dibenzofuran	ND<5	10	0.33	Phenanthrene	ND<5	10	0.33
Di-n-butyl Phthalate	ND<5	10	0.33	Phenol	ND<5	10	0.33
1,2-Dichlorobenzene	ND<5	10	0.33	Pyrene	ND<5	10	0.33
1,3-Dichlorobenzene	ND<5	10	0.33	1,2,4-Trichlorobenzene	ND<5	10	0.33
1,4-Dichlorobenzene	ND<5	10	0.33	2,4,5-Trichlorophenol	ND<5	10	0.33
3,3-Dichlorobenzidine	ND<10	20	0.66	2,4,6-Trichlorophenol	ND<5	10	0.33
2,4-Dichlorophenol	ND<5	10	0.33	Comments: j			
Diethyl Phthalate	ND<5	10	0.33	Surrogate Recoveries (%)			
2,4-Dimethylphenol	ND<5	10	0.33	2-Fluorobiphenyl			
Dimethyl Phthalate	ND<5	10	0.33	2-Fluorophenol			
4,6-Dinitro-2-methylphenol	ND<25	50	1.6	Nitrobenzene-d3			
2,4-Dinitrophenol	ND<25	50	1.6	Phenol-d5			
2,4-Dinitrotoluene	ND<5	10	0.33	2,4,6-Tribromophenol			
2,6-Dinitrotoluene	ND<5	10	0.33	p-Terphenyl-d14			

*water samples are reported in ug/l., soil and sludge samples in mg/kg, wipes in ug/wipe and all TCLP / STLC / SPLP extracts in ug/L

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

* surrogate diluted out of range

h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) sample diluted due to high organic content

DHS Certification No. 1644

EA Edward Hamilton, Lab Director

Proj. Mgr: <u>Joel Greger - Geologic</u> Company: <u>for Paradise Mechanical</u> Address: <u>POB 1836</u> <u>2600 Williams St</u> <u>San Leandro CA 94577</u>		Analysts Report																					
Samples (signature) <u>Joel</u> (Phone No.) <u>516 787 6867</u> (Fax No.) <u>516 787 1457</u>		TPH - Gasoline (EPA 503, 8015)	TPH - Gasoline (8030, 8015) + MTHG w/ BTEX (EPA 502, 8030)	TPH - Diesel TEPH (EPA 5030550, 8016) <u>Gasoline, Diesel, ATF, 5030550 Solvent</u>	PURGEABLE & AROMATICS BTEX (EPA 802, 8030)	PURGEABLE HALO CARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 874, 2)	BASE/NEUTRAL ACIDS (EPA 825027, 8270, 828)	TOTAL OIL & GREASE (EPA 820, 844, 845)	PCB (EPA 608, 8080)	PESTICIDES (EPA 606, 8060)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	8260	LIIFT METALS (Cd, Cr, Pb, Zn, Ni)	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TOLP, STLC)	R CI	8270	Ethylene Glycol	NUMBER OF CONTAINERS	
Sample ID	Type	Date	Time	Preserve																			
2	Tankpit water grab	12/21/99	10 AM		X	X	X						(dispensed)										
3	Composite 2liters with 2liters from	12/20/99																				15 liters + 20c 2 liters 12/20	
4	compst soil	12/21/99	10:30 AM						X	X			X	X								4 liters - Composite w/ 10c	
ICER <input checked="" type="checkbox"/> PRESERVATION GOOD CONDITION <input checked="" type="checkbox"/> APPROPRIATE HEAD SPACE ABSENT <input checked="" type="checkbox"/> CONTAINERS <input checked="" type="checkbox"/>		27979 27980																					
Project Information				Sample Receipt				Relinquished By:				1. Relinquished By:				2.							
Project Name: <u>AC Transit</u>		Total No. of Containers		Head Space		(Signature) <u>Joel</u>		(Signature) <u>Kevin You</u>		(Signature)		(Signature)		(Signature)		(Signature)		(Signature)		(Signature)		(Signature)	
1177-47th St						<u>Joel G. Greger</u>																	
Project No. <u>Emeryville</u>		Rec'd Good Condition/Cold				(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)	
PO #		Conforms To Record				(Date) <u>12/21/99</u>		(Time) <u>11:07</u>		(Date)		(Time)		(Date)		(Time)		(Date)		(Time)		(Date)	
TAT <u>Standard</u>		24 48 72 Other				(Date)		(Time)		(Date)		(Time)		(Date)		(Time)		(Date)		(Time)		(Date)	
5-Day						(Date)		(Time)		(Date)		(Time)		(Date)		(Time)		(Date)		(Time)		(Date)	
Special Instructions / Comments:																							
Refer to Job Name, Address + No. on lab sheets + invoice, as follows AC Transit 1177-47th St Emeryville Paradise Job No 99-573																							
Received By:				1. Received By:				2.															
(Signature) <u>Heather</u>		(Signature) <u>Nina Vonaf</u>		(Signature)		(Signature)		(Signature)		(Signature)		(Signature)		(Signature)		(Signature)		(Signature)		(Signature)		(Signature)	
(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)		(Printed Name)	
<u>12/21</u>		<u>11:10 AM</u>		<u>12/21</u>		<u>5:00</u>																	
(Date)		(Time)		(Date)		(Time)		(Date)		(Time)		(Date)		(Time)		(Date)		(Time)		(Date)		(Time)	

Tank Disposal Certificates

5210129

99554298
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAD98138954754298		Manifest Document No. 8		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address AC TRANSIT 1600 FRANKLIN ST OAKLAND CA 94612				A. State Manifest Document Number 99554298		B. State Generator's ID				
4. Generator's Phone 510 1577-8869				5. Transporter 1 Company Name Ecology Control Industries		6. US EPA ID Number CAD982030173		C. State Transporter's ID (Reserved)		
7. Transporter 2 Company Name				8. US EPA ID Number		D. Transporter's Phone 510-235-1393		E. State Transporter's ID (Reserved)		
9. Designated Facility Name and Site Address ECOLOGY CONTROL INDUSTRIES 255 PARR BLVD RICHMOND CA 94801				10. US EPA ID Number CAD009466392		G. State Facility's ID CAD009466392		H. Facility's Phone 510-235-1393		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers		13. Total	14. Unit	15. Waste Number	
					No.	Type	Quantity	Wt/Vol	State	
a. WASTE EMPTY STORAGE TANK NON RCRA HAZARDOUS WASTE SOLID					0101	TP	02500	P	512	
b. WASTE Empty Storage Tank NON RCRA HAZARDOUS WASTE SOLID									NONE	
c.										
d.										
1. Additional Descriptions for Materials Listed Above QTY 1 EMPTY STORAGE TANK(S) # 27744 TANK(S) HAVE BEEN INERTED WITH 15-LBS DRY ICE PER 1000 GALLON CAPACITY					K. Handling Codes for Wastes Listed Above					
					a. 99		b.		c.	
					c.		d.			
15. Special Handling Instructions and Additional Information Wear proper protective equipment while handling. Weights or volumes are approximate. 24 Hour emergency telephone number: 24 Hour emergency contact: Rick Montgomerie 510.614.8398 DOT ERG# 171										
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 Mark Freitas				Signature <i>Mark Freitas</i>		Month Day Year 1 2 2 0 9 9		In behalf of AC Transit		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name DAVID M FIASCONARO				Signature <i>David M Fiasconaro</i>		Month Day Year 1 2 2 0 9 9				
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 DAVID SATO										
				Signature <i>DAVE SATO</i>		Month Day Year 1 2 2 0 9 9				

DO NOT WRITE BELOW THIS LINE.

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 35313

CUSTOMER
JOB NO. 5210129
PARADISO CONSTC.

FOR: ECOLOGY CONTROL TANK NO. 27744

LOCATION: RICHMOND, CA DATE: 2/4/2000 TIME: 4:21:58

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT MOTOR OIL

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 8,000 Gal. Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES
HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED,
AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ECOLOGY CONTROL INDUSTRIES HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED
THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Walter McCreary

REPRESENTATIVE

DAVE SATO

INSPECTOR

TITLE

TR 52039
 521029

99554311
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAD981389547543	Manifest Document No. 1111	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address A.C. FRANKS 1600 FRANKLIN ST OAKLAND CA 94612			A. State Manifest Document Number 99554311			
4. Generator's Phone (510) 577-5869			B. State Generator's ID			
5. Transporter 1 Company Name Ecology Control Industries		6. US EPA ID Number CAD982030173	C. State Transporter's ID (Reserved)			
7. Transporter 2 Company Name		8. US EPA ID Number	D. Transporter's Phone 510-235-1393			
9. Designated Facility Name and Site Address ECOLOGY CONTROL INDUSTRIES 255 FARR BLVD RICHMOND, CA 94801		10. US EPA ID Number CAD009466392	E. State Facility's ID CAD009466392			
		H. Facility's Phone 510-235-1393				
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 Number State EPA/Other	
WASTE EMPTY STORAGE TANK NON RCRA HAZARDOUS WASTE SOLID		0103 TP	037100	P	512 NONE	
b.					State EPA/Other	
c.					State EPA/Other	
d.					State EPA/Other	
J. Additional Descriptions for Materials Listed Above EMPTY STORAGE TANK(S) # 27745 27746 TANK(S) HAVE BEEN INERTED WITH 15 LBS DRY ICE PER 1000 GALLON CAPACITY			K. Handling Codes for Wastes Listed Above a. 99			
15. Special Handling Instructions and Additional Information Wear proper protective equipment while handling. Weights or volumes are approximate. 24 Hour emergency telephone number: 24 Hour emergency contact: Rick Montrose 510-614-8340 DOT ERG# 171						
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 Suzanne Path		Signature Suzanne Path		Month Day Year 12 20 99		
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name JERRY R. ALLEN		Signature Jerry R. Allen		Month Day Year		
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space 17. DATE 12/20/99						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19						
Printed/Typed Name DAVID SATO		Signature David Sato		Month Day Year 12 21 99		

DO NOT WRITE BELOW THIS LINE.

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 35315

CUSTOMER

JOB NO. 5210129

PARADISO CONSTC

FOR: ECOLOGY CONTROL IND. TANK NO. 27745

LOCATION: RICHMOND, CA DATE: 2/4/2000 TIME: 4:26:13

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT A+F

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 8,000 Gal. Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES
HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED,
AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ECOLOGY CONTROL INDUSTRIES HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED
THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Shane M. Acres
REPRESENTATIVE

TITLE

DAVE SATO
INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 35320

CUSTOMER:
JOB NO. 5210129
PARADISO CONSTC.

FOR: ECOLOGY CONTROL INDTANK NO. 27746

LOCATION: RICHMOND, CA DATE: 1/21/2000 TIME: 4:28:53

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT WASTE SOLVENT

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 4,000 Gal. Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES
HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED,
AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ECOLOGY CONTROL INDUSTRIES HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED
THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Juanita Macavez
REPRESENTATIVE

TITLE

DAVE SAJO
INSPECTOR

S2013

5210129

52013

99554299
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAD98138954754299		Manifest Document No. 5210129		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address A.C. TRANSIT 1600 FRANKING ST 94612 OAKLAND CA				A. State Manifest Document Number 99554299		B. State Generator's ID			
4. Generator's Phone ()				C. State Transporter's ID (Reserved)		D. Transporter's Phone 610-235-1393			
5. Transporter 1 Company Name Ecology Control Industries				6. US EPA ID Number CAD982030173		E. State Transporter's ID (Reserved)			
7. Transporter 2 Company Name				8. US EPA ID Number		F. Transporter's Phone			
9. Designated Facility Name and Site Address ECOLOGICAL CONTROL INDUSTRIES 255 PARR BLVD RICHMOND CA 94801				10. US EPA ID Number CAD009466392		G. State Facility's ID CAD009466392			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	
WASTE EMPTY STORAGE TANK NON RCRA HAZARDOUS WASTE SOLID				002 TP		01410010		P	
b.								State 512 EPA/Other NONE	
c.								State EPA/Other	
d.								State EPA/Other	
J. Additional Descriptions for Manifest Listed Above 2 EMPTY STORAGE TANK(S) # 27748 + 27749 TANK(S) HAVE BEEN INERTED WITH 15 LBS DRY ICE PER 1000 GALLON CAPACITY Rock monkegan 510-614-8396				K. Handling Codes for Wastes Listed Above 99					
15. Special Handling Instructions and Additional Information Wear proper protective equipment while handling. Weights or volumes are approximate. 24 Hour emergency telephone number: 24 Hour emergency contact: (570) 614-5390 (Rick) MENDIASO DOT ERG# 171									
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 mark factor				Signature Mark Factor				Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name DAUGHT GASTON				Signature Daught Gaston				Month Day Year 12/20/99	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year	
19. Discrepancy Indication Space J. TANK # 27747 27748 16. DATE 12/20/99									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name DAVID SATO				Signature Dave SATO				Month Day Year 12/20/99	

DO NOT WRITE BELOW THIS LINE.

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 35316

CUSTOMER
JOB NO. 5210129
PARADISO CONSTC.

FOR: ECOLOGY CONTROL INDTANK NO. 27747

LOCATION: RICHMOND, CA DATE: 2/4/2000 TIME: 4:31:41

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UO

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 8,000 Gal. Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES
HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED,
AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ECOLOGY CONTROL INDUSTRIES HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED
THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Alura Maceres
REPRESENTATIVE

TITLE

DAVE SAITO
INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 35317

CUSTOMER
JOB NO. 5210129
PARADISO CONSTC.

FOR: ECOLOGY CONTROL TANK NO. 27748

LOCATION: RICHMOND, CA DATE: 2/4/2000 TIME: 4:33:48

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UO

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 4,000 Gal. Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES
HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED,
AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ECOLOGY CONTROL INDUSTRIES HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED
THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Shirley M. Weaver
REPRESENTATIVE

TITLE

DAVE SATO
INSPECTOR

5210129

99554318

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA D 19 8 1 3 8 9 5 4 7 5 4 3 1 8		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address 1600 Franklin St AC Transit Oakland CA, 94612						A. State Manifest Document Number 99554318									
4. Generator's Phone (510) 577-8869						B. State Generator's ID									
5. Transporter 1 Company Name Ecology Control Industries				6. US EPA ID Number CA D 9 8 2 0 3 0 1 7 3		C. State Transporter's ID (Reserved)									
7. Transporter 2 Company Name						D. Transporter's Phone 510-235-1393									
8. US EPA ID Number						E. State Transporter's ID (Reserved)									
9. Designated Facility Name and Site Address ECOLOGY CONTROL INDUSTRIES 255 PARR BLVD RICHMOND CA 94801						10. US EPA ID Number CA D 0 0 9 4 6 6 3 9 2		F. Transporter's Phone							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol					
a. WASTE EMPTY STORAGE TANK NON RCRA HAZARDOUS WASTE SOLID b. c. d.						No.		Type		Waste Number					
						0101		TP		4000		P		State: 512	
														EPA/Other: NONE	
														State:	
														EPA/Other:	
15. Special Handling Instructions and Additional Information Wear proper protective equipment while handling. Weights or volumes are approximate. 24 Hour emergency telephone number: 510-614-9390 24 Hour emergency contact: Rick Montasano DOT ERG# 171						K. Handling Codes for Wastes Listed Above									
J. Additional Descriptions for Wastes Listed Above EMPTY STORAGE TANK(S) # 27749 TANK(S) HAVE BEEN INERTED WITH 13 LBS DRY ICE PER 1000 GALLON CAPACITY (SD)						a. 99		b.		c.					
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 Mark Freitas				Signature Mark Freitas		Month 12		Day 20		Year 99					
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature Robert Armstrong		Month 12		Day 20		Year 99					
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month		Day		Year					
19. Discrepancy Indication Space				Signature DAVID SATO		Month 12		Day 20		Year 99					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.				Signature		Month		Day		Year					

DO NOT WRITE BELOW THIS LINE.

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 35318

CUSTOMER

JOB NO. 5210129

PARADISO CONSTC.

FOR: ECOLOGY CONTROL TANK NO. 27749

LOCATION: RICHMOND, CA DATE: 2/4/2000 TIME: 4:35:51

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT SOLVENT

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 4,000 Gal. Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES
HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED,
AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ECOLOGY CONTROL INDUSTRIES HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED
THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Kawra M. Hayes
REPRESENTATIVE

TITLE

DAVE SATO
INSPECTOR

5210129

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No CA1D19181131895147	Manifest Document No. 541363	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address AC Transit 1177 47th Street Emeryville CA 94608			A. State Manifest Document Number 99554363		
4. Generator's Phone (510) 577-8869			B. State Generator's ID		
5. Transporter 1 Company Name Ecology Control Industries		6. US EPA ID Number CAD982030173		C. State Transporter's ID (Reserved)	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 510-235-1393	
9. Ecology Control Industries 255 PARR BLVD RICHMOND, CA 94801		10. US EPA ID Number CAD009466392		E. State Transporter's ID (Reserved)	
				F. Transporter's Phone	
				G. State Facility's ID CAD0109466392	
				H. Facility's Phone 510-235-1393	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
WASTE EMPTY STORAGE TANK PIPING - NON RCRA HAZARDOUS WASTE SOLID		001 CM TP	011000	P	State: CA EPA/Other: NONE
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
16. Special Handling Instructions and Additional Information BY 1000L EMPTY STORAGE TANK(S) # 27783 TANK(S) HAVE BEEN INERTED WITH 15 LBS DRUM FILLER PER 1000 GALLON CAPACITY		17. Handling Codes for Wastes Listed Above 01/99			
15. Special Handling Instructions and Additional Information Wear proper protective equipment while handling. Weights or volumes are approximate. 24 Hour emergency telephone number: 510-577-8869 24 Hour emergency contact: Sue Patton DOT ERG# 171					
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 Mark Freitas		Signature Mark Freitas		Month Day Year 12/27/99	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name CHRIS WISE		Signature Chris Wise		Month Day Year 12/27/99	
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 DAVID SATO		Signature DAVID SATO		Month Day Year 12/27/99	

99554363
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550
 GENERATOR
 TRANSPORTER
 FACILITY

DO NOT WRITE BELOW THIS LINE.

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 35319

CUSTOMER
JOB NO. 5210129
PARADISO

FOR: ECOLOGY CONTROL IND TANK NO. 27783

LOCATION: RICHMOND, CA DATE: 12/27/99 TIME: 4:38:40

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 54 Gal /432LF CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES
HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED,
AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ECOLOGY CONTROL INDUSTRIES HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED
THE TANK SHIPPED TO US FOR PROCESSING.

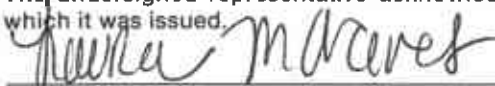
In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

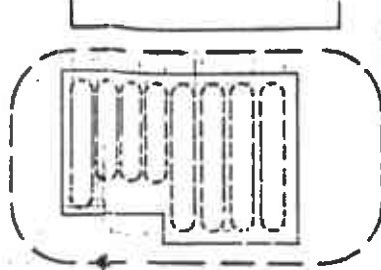

REPRESENTATIVE

TITLE


INSPECTOR



AREA OF CONSTRUCTION,
SEE DETAIL #2



AREA OF CONSTRUCTION,
SEE DETAIL #1

45TH STREET

SAN PABLO AVENUE

SITE PLAN
SCALE: 1" = 40'-0"



Special Instructions
① Levels as built

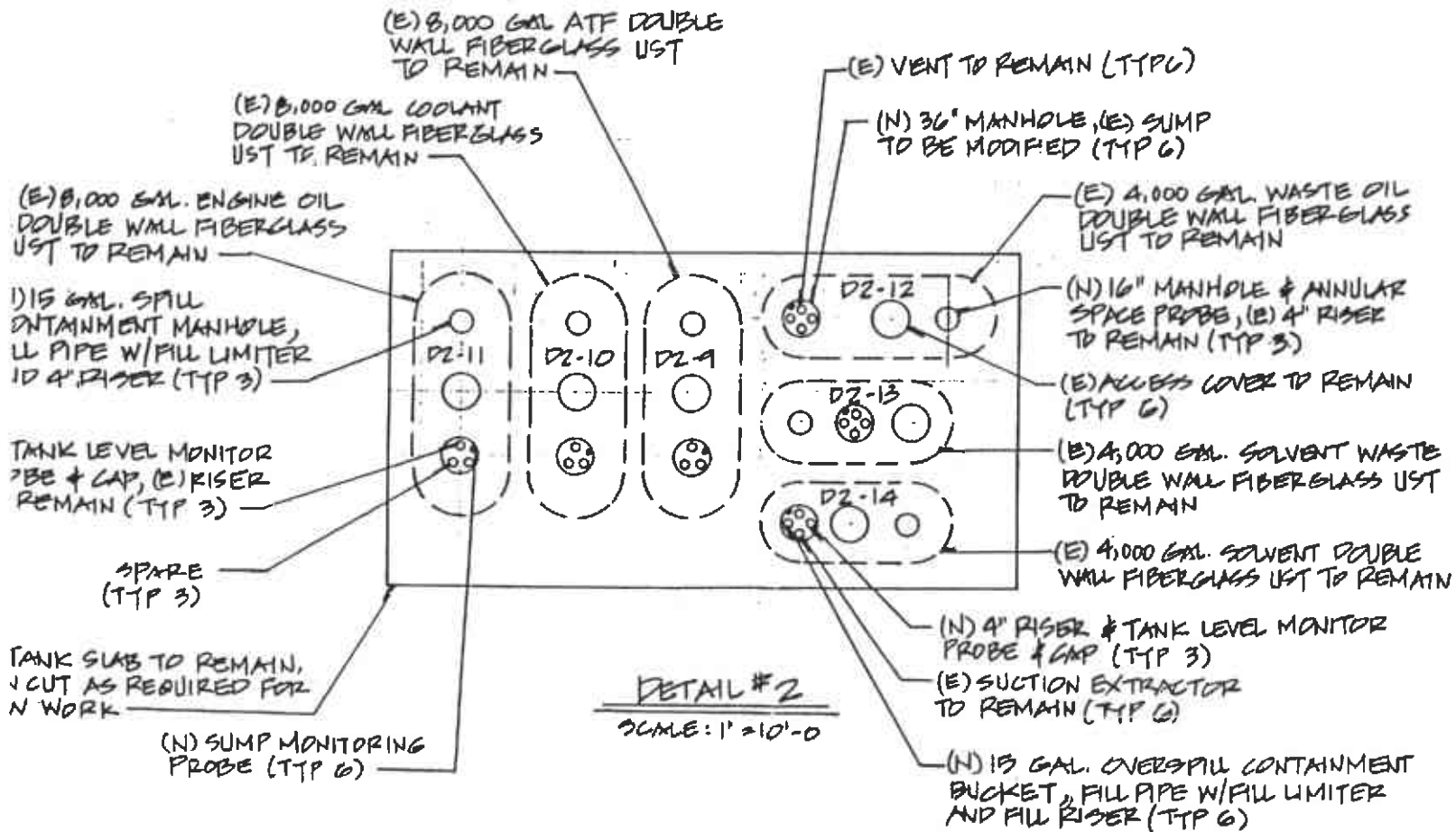
ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Suite 250
Alameda, CA 94502-8577

These plans have been reviewed and found to be acceptable and substantially meet the requirements of State and local Health laws. Changes to your plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction. One copy of these approved plans must be on the job and available to all contractors and craftsmen involved with the

AC TRANSIT - DIVISION 2
1177 47TH ST., EMERYVILLE

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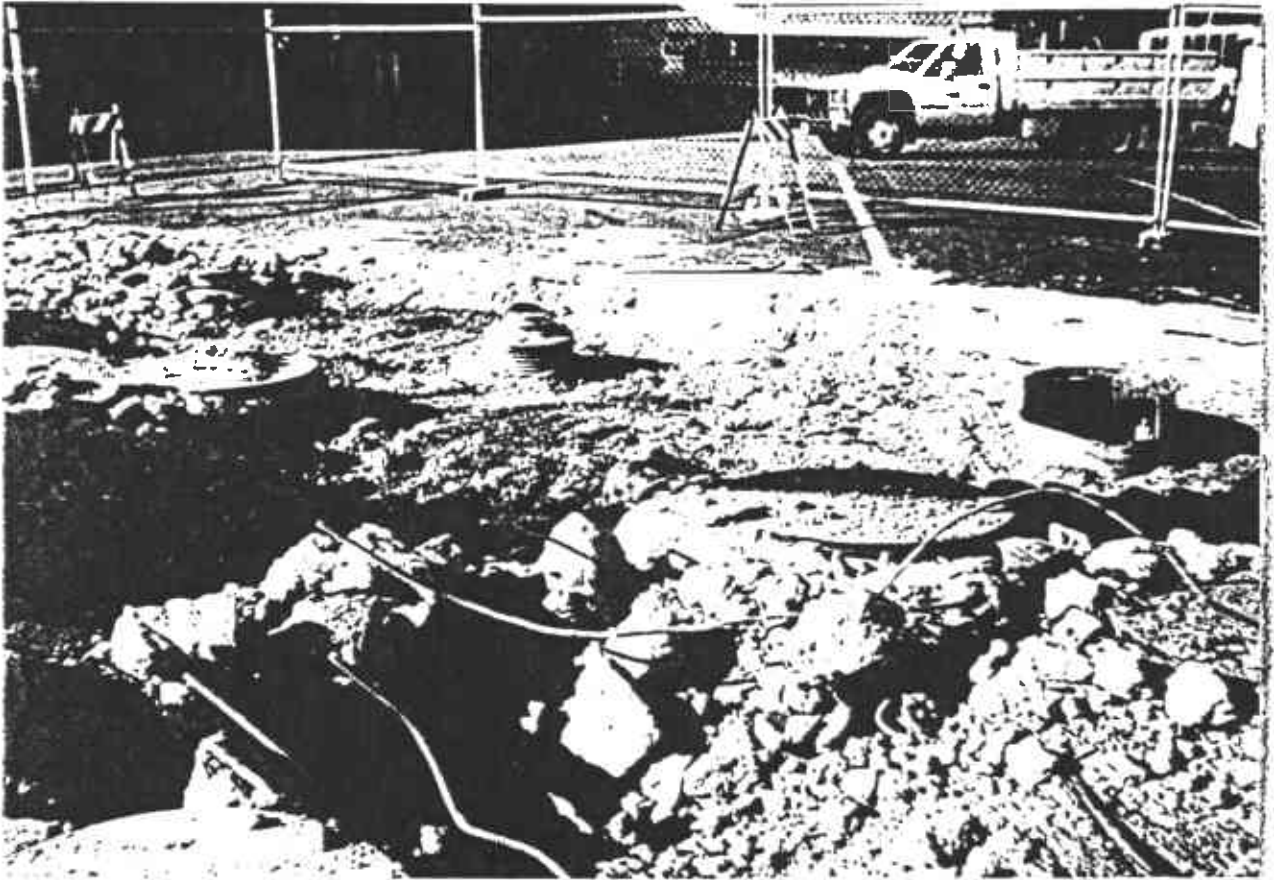


PHOTO #1, FACING NORTH

REMOVAL OF CONCRETE COVER SLAB FROM ABOVE TANKS

A. C. TRANSIT TANK REMOVAL PROJECT

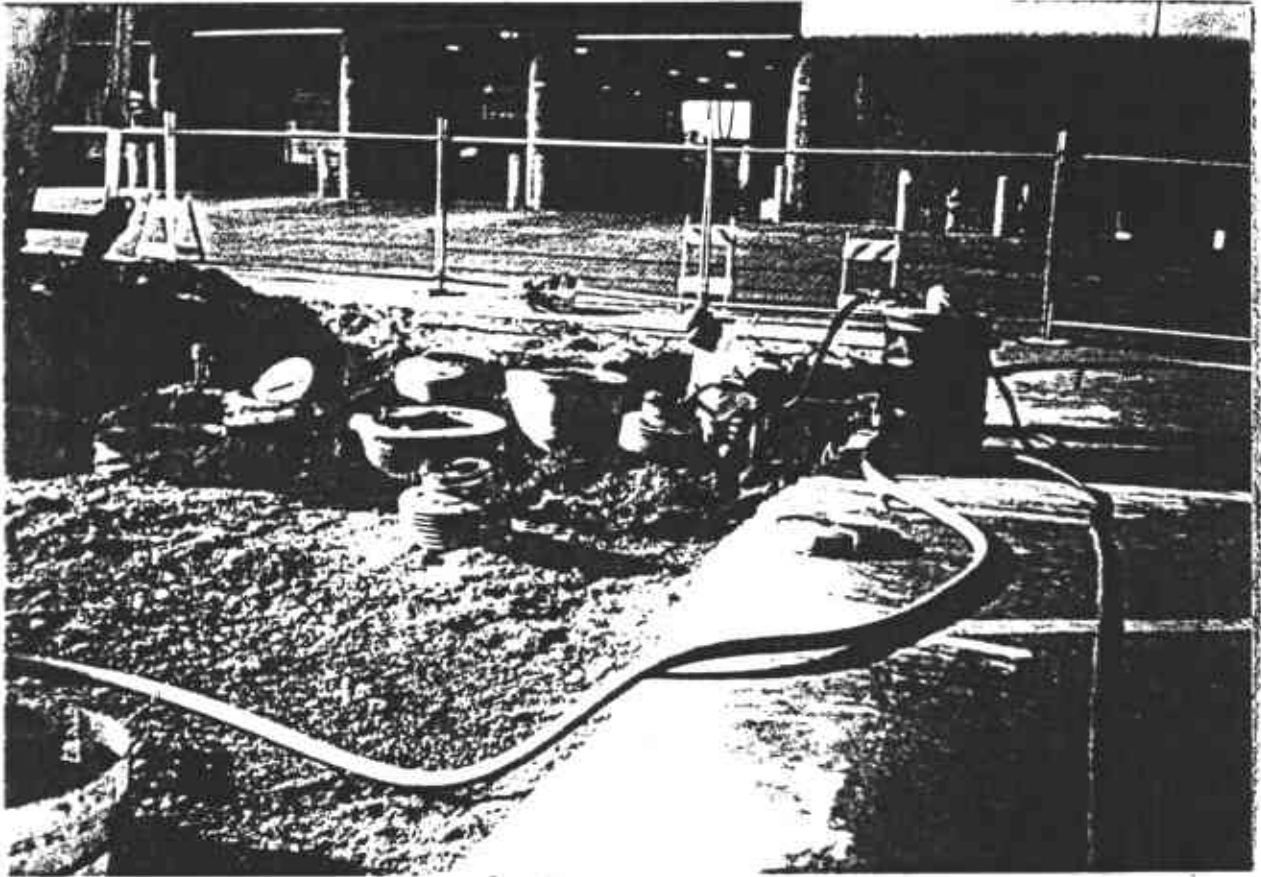


PHOTO #2, FACING WEST

REMOVAL OF LIQUIDS FROM TANKS

A. C. TRANSIT TANK REMOVAL PROJECT

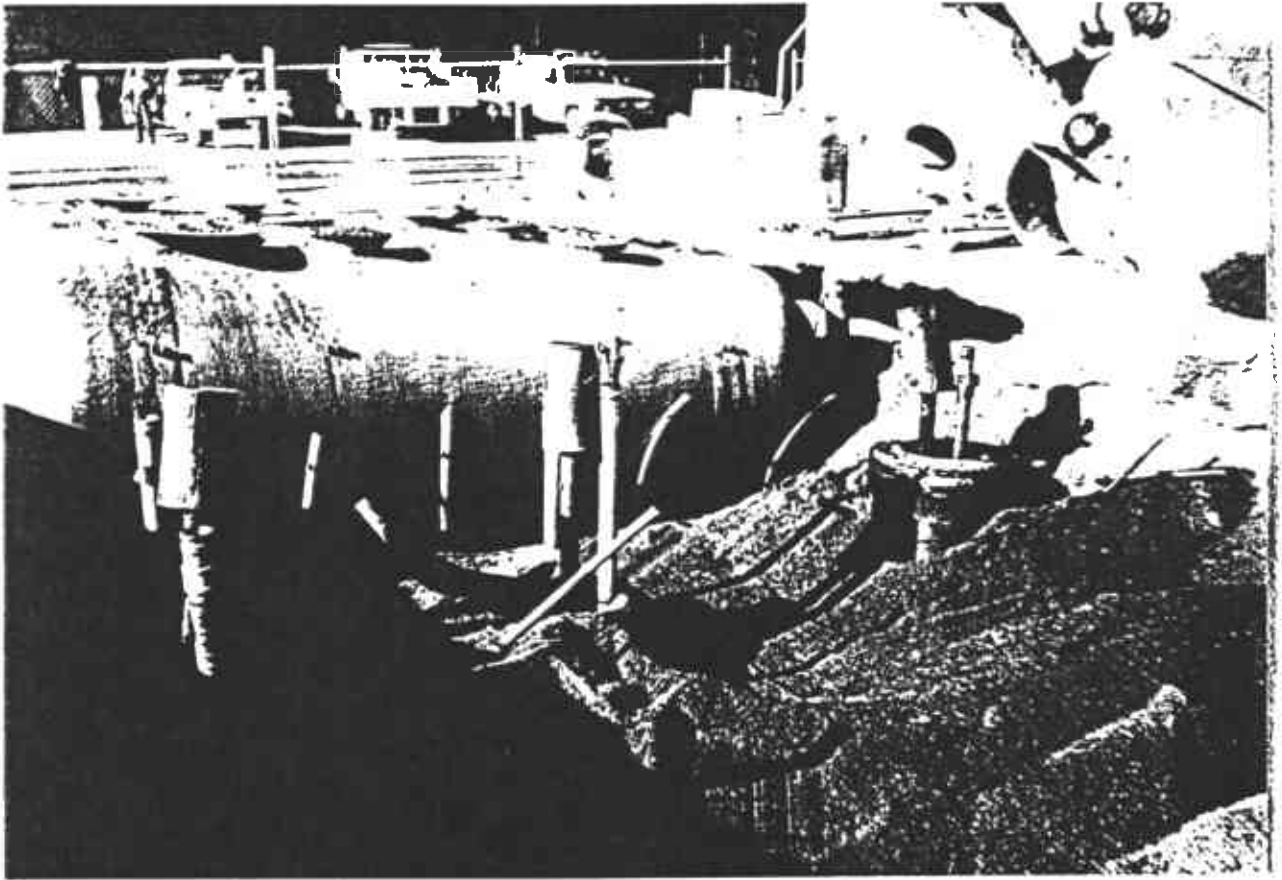


PHOTO #3, FACING WEST

THREE (3) 8,000 GALLON TANKS WITH HOLDDOWN STRAPS CUT, FLOATING.
THREE (3) SMALLER TANKS STILL WITH HOLDDOWN STRAPS INTACT.

A. C. TRANSIT TANK REMOVAL PROJECT



PHOTO #4, FACING WEST

REMOVAL OF 8,000 GALLON ENGINE OIL TANK FROM EXCAVATION.

A. C. TRANSIT TANK REMOVAL PROJECT

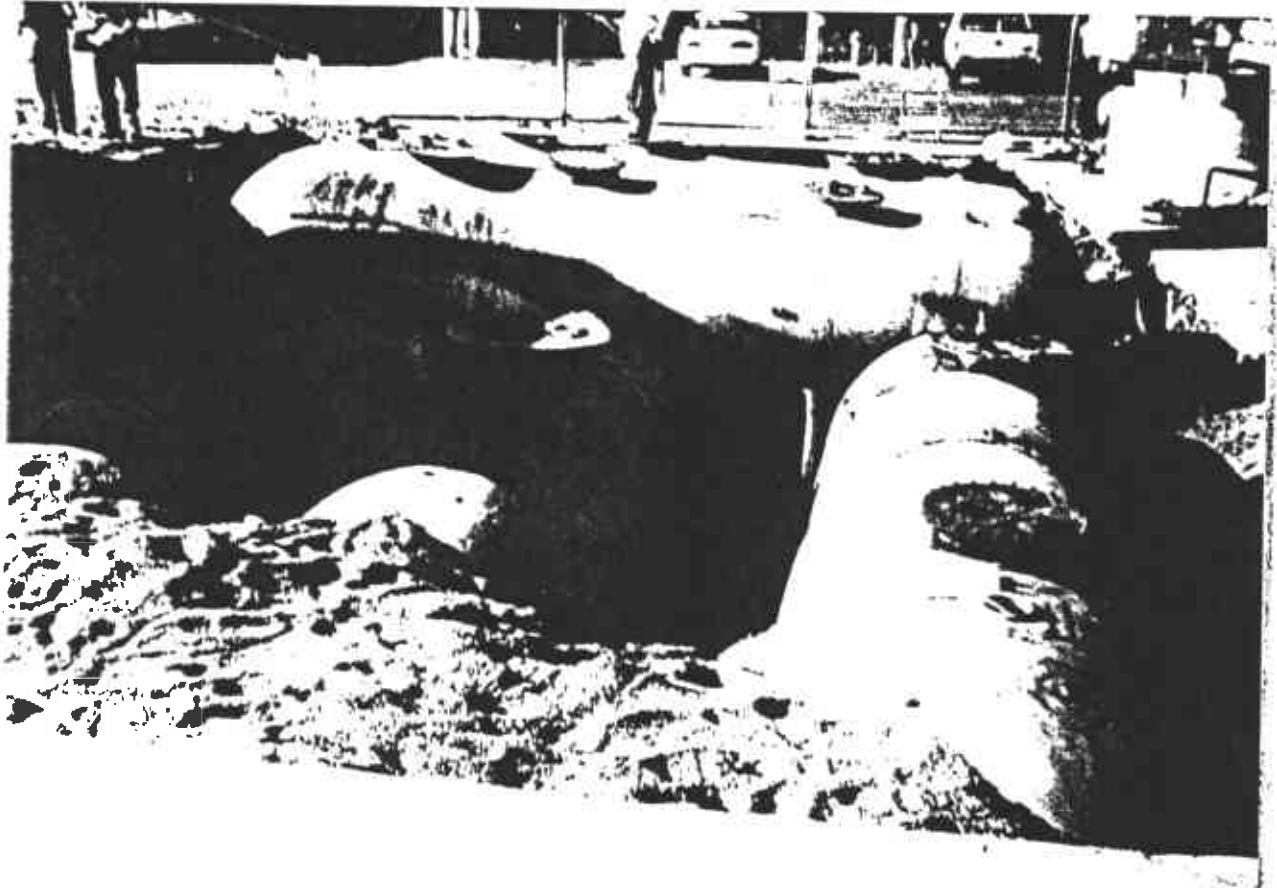


PHOTO #5, FACING WEST

VIEW OF REMAINING TANKS IN EXCAVATION DURING REMOVAL OF FIRST.

A. C. TRANSIT TANK REMOVAL PROJECT

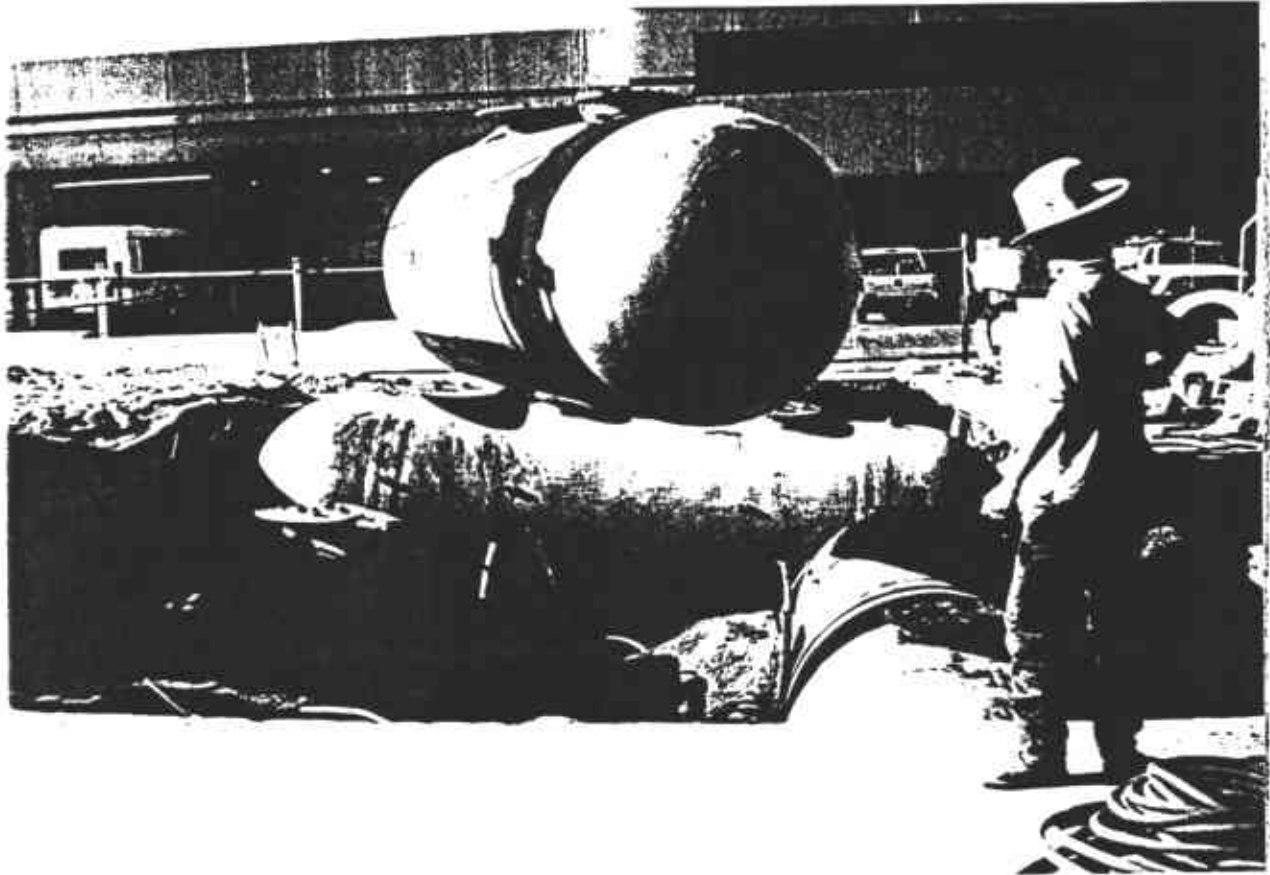


PHOTO #6, FACING WEST

REMOVAL OF CENTER SMALL TANK.

A. C. TRANSIT TANK REMOVAL PROJECT