



GETTLER-RYAN INC.

January 3, 2001

Mr. Rodman D. Freitag
Alameda County General Services Agency
1401 Lakeside Drive
Oakland, California 94612

**Subject: Soil Sampling During Diesel UST Removal at Parcel 16A
Santa Rita Property, Dublin Boulevard at Hacienda Drive
Dublin, Alameda County, California**

Mr. Freitag:

At the request of Alameda County General Services Agency (ACGSA), Gettler-Ryan Inc. (GR) conducted a soil investigation during removal of a diesel fuel underground storage tank (UST) on Parcel 16A of the Santa Rita Property. The purpose of this investigation was to evaluate soil condition in the area of the former UST. The scope of work included: observing the removal of the a former diesel UST; collecting and analyzing soil samples from the UST excavation, from beneath the product piping and from the soil stockpile; evaluating soil disposal options and arranging disposal; and preparing a report documenting the work.

SITE DESCRIPTION

The subject site is a vacant lot at the southwest corner of the intersection of Dublin Boulevard and Hacienda Drive as shown on Figure 1. A military guardhouse and boiler room were formerly at the site. One diesel fuel UST was discovered at the subject site during an investigation conducted prior to the sale of the property. The UST location is shown on Figure 2.

FIELD WORK

Construction and sampling work associated with UST removal was conducted by GR. The tank removal and soil sampling was performed in accordance with the GR Field Methods and Procedures (attached), and the GR Site Safety Plan. Soil samples collected during this investigation were delivered under chain-of-custody to McCampbell Analytical in Pacheco (ELAP #1644). Analytical methods and results are summarized in Table 1. Copies of the laboratory analytical reports and chain-of-custody records are attached.

REMOVAL OF 1,000-GALLON UST

One 1,000-gallon steel diesel fuel tank was removed by GR. The tank was filled with water which had a diesel odor. On December 6, 2000, this water was pumped and transported by Ecology Control Industries to Evergreen Oil Company in Newark, California. A copy of the water disposal manifest is attached. The UST was excavated and removed on December 8, 2000. Upon removal,

the UST was visually inspected by a GR geologist for evidence of failure. No holes were observed in the UST. The UST was removed from the site and disposed of by Ecology Control Industries. Mr. Rod Freitag (ACGSA), Mr. Larry Seto of the Alameda County Health Care Services Agency (ACHCSA), Mr. John McCain of Lowney Associates and Mr. Ed Laudoni of Alameda County Fire Department were present at the site to observe tank removal.

The UST excavation was approximately 18 feet long, 10 feet wide and 14 feet deep. A concrete pad was encountered in the excavation at approximately 8 feet below ground surface (bgs). The diesel UST excavation limits are shown on Figure 3. The UST pit backfill material consisted of silt, gravel, and clay. Native soil in the vicinity consists of silty clay. The excavation did not encounter groundwater. The native soil beneath each end of the concrete pad was discolored and had a diesel odor. On December 21 and 22, 2000, GR returned to the site and removed the concrete pad. The excavation was extended to a depth of 14 feet bgs. At this depth no soil discoloration or diesel odor was noted.

A steel remote fill pipe was encountered extending from the vicinity of Dublin Boulevard toward the north end of the tank. This piping was removed along with the UST.

SOIL SAMPLING

A soil sample was collected at 11.5 feet bgs in native soil at the north end of the UST excavation (TPA1 11.5). Two soil samples were collected at the south end of the excavation, one at 12.5 feet bgs in discolored soil (TPA2 12.5), and the second at 14.0 feet bgs (TPA2 14.0).

The remote fill pipe was buried in silty clay which did not show any discoloration. Two soil samples, P1 and P2, were collected at 1.5 and 2.0 feet bgs respectively, beneath the pipe joints. The locations are shown on Figure 2.

Soil generated during UST removal was stockpiled at the site pending disposal. The soil was placed in two stockpiles, one composed of apparently clean soil from above and adjacent to the UST, the other composed of material excavated from below the UST ends, where discoloration was observed. Both stockpiles were sampled on December 8, 2000. A four part composite soil sample was collected from arbitrary locations on each stockpile.

ANALYTICAL RESULTS

The three UST pit samples and the two piping samples were analyzed for total petroleum hydrocarbons as diesel (TPHd), total petroleum hydrocarbons as gas (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary butyl ether (MTBE).

Sample TPA1 11.5 (at the north end of the UST Pit) did not contain concentrations of TPHg, BTEX or MTBE. The TPHd concentration in this sample was 720 ppm. Of the samples from the south end of the UST excavation, TPA2 12.5 did not contain detectable concentrations of benzene, toluene, xylenes or MTBE, but did contain TPHd (2,500 ppm), TPHg (98 ppm), and ethylbenzene (0.048 ppm). The soil at the bottom of the south end of the excavation, TPA2 14, did not contain detectable concentrations of BTEX or MTBE, but an unidentified hydrocarbon in the TPHd range was detected in this sample at a concentration of 1.5 ppm and TPHg concentration of 45 ppm.

Piping samples P1 and P2 did not contain detectable concentrations of TPHd, TPHg, BTEX or MTBE.

Two composite samples, from the excavated soil stockpiles, were submitted to the laboratory for analysis of TPHd, BTEX, and MTBE, by EPA methods 8105 and 8020. Benzene, toluene and MTBE were not detected in composite sample ST1, which represents the petroleum impacted soil. This sample contained 320 ppm of TPHd, 0.013 ppm of ethylbenzene and 0.011 ppm of total xylenes. Composite soil sample ST2 from the non-impacted stockpile contained TPHd at a concentration of 37 ppm. All other constituents were reported as not detected.

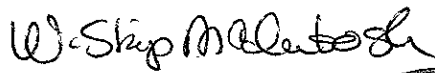
SOIL DISPOSAL AND EXCAVATION BACKFILLING

All of the soil generated during diesel UST excavation and the soil excavated during concrete pad removal (approximately 80 cubic yards total) were transported to the Republic Services Vasco Road Landfill in Livermore, by GR, on December 22, 2000.

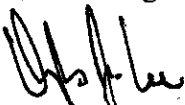
After receiving approval from Mr. Larry Seto, the former diesel UST excavation was backfilled with imported compacted fill materials from an adjacent stockpile. The fill material was compacted to a 90% or better standard. The Vasco Road Landfill Waste Approval Form and Disposal Manifest are attached.

If you should have any questions please call us in Dublin at (925) 551-7555.

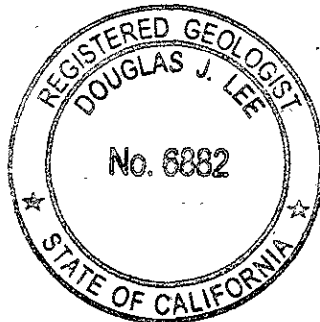
Sincerely,
Gettler-Ryan Inc.



W. Skip McIntosh
Staff Geologist



FOR
Stephen J. Carter
Senior Geologist
R.G. 5577



Attachments: Table 1. Soil Analytical Results
Figure 1. Vicinity Map
Figure 2. Site Map
Figure 3. Sample Locations
GR Field Methods and Procedures
UST, Water, and Soil Disposal Manifests
Republic Services Waste Approval Form
Laboratory Analytical Reports and Chain-of-Custody Records

TABLE 1 - SOIL CHEMICAL ANALYTICAL DATA

Parcel 16A, Santa Rita Property, Alameda County
Dublin Boulevard at Hacienda Drive
Dublin, California

Sample No.	Sample		TPHd (ppm)	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Total	
	Depth (feet)	Date Collected						Xylenes (ppm)	MTBE (ppm)
TPA1 11.5	11.5	12/8/00	720 ¹	< 1.0	<0.005	<0.005	<0.005	<0.005	< 0.1
TPA2 12.5	12.5	12/8/00	2500 ¹	98	<0.005	<0.005	0.048	<0.005	<0.005
TPA2 14.0	14.0	12/8/00	1.5 ²	45	<0.005	<0.005	<0.005	<0.005	<0.005
P1	1.5	12/8/00	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005
P2	2.0	12/8/00	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005
ST1	1.0	12/8/00	320	NA	<0.005	<0.005	0.013	0.011	NA
ST2	1.0	12/8/00	37	NA	<0.005	<0.005	<0.005	<0.005	NA

EXPLANATION:

ppm = parts per million
ppb = parts per billion
ND = not detected
NA = not analyzed
-- = not applicable

ANALYTICAL LABORATORY:

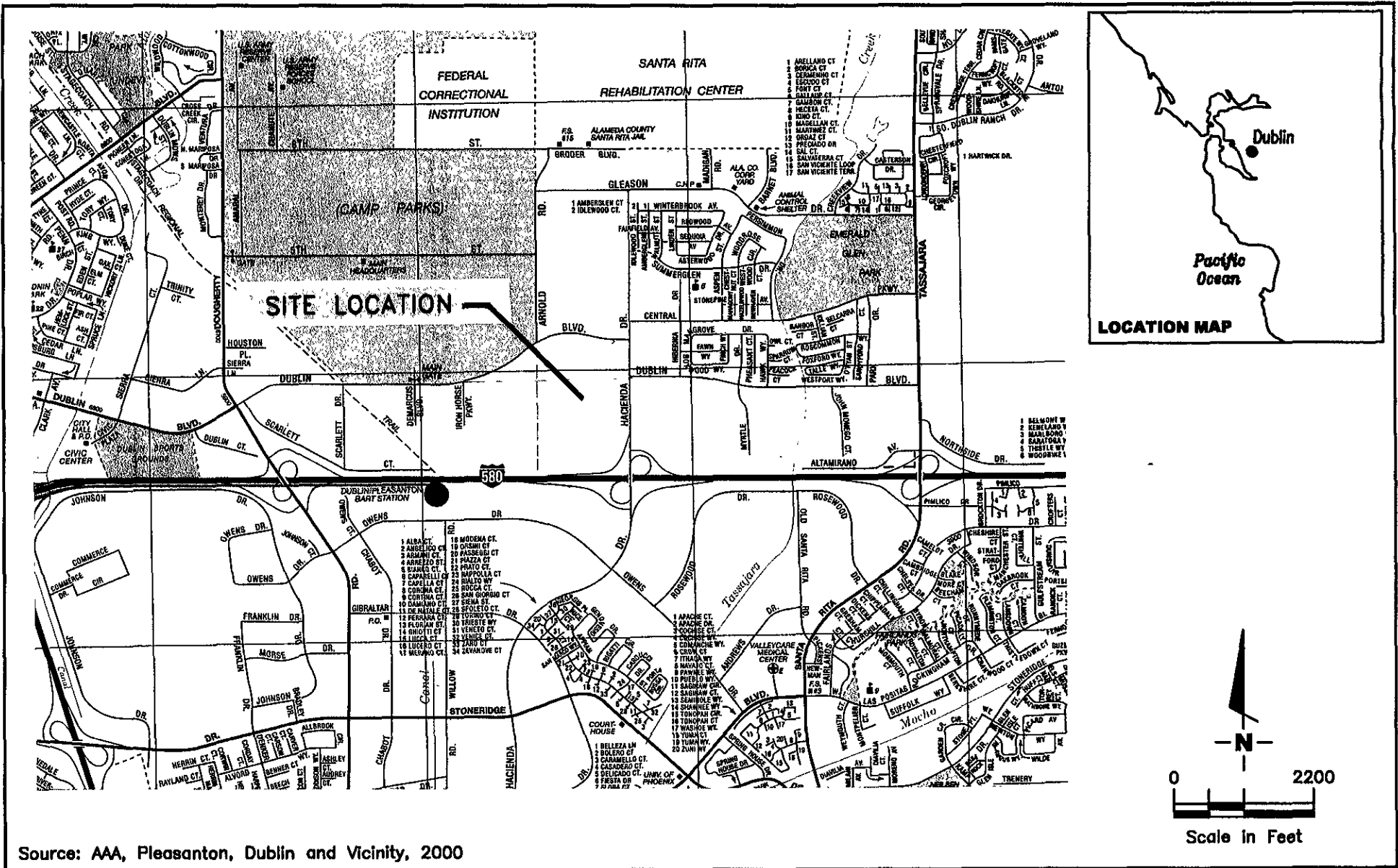
McC Campbell Analytical (ELAP #1271)
(see laboratory reports for detection limits)

¹ = Chromatogram Pattern: Unmodified or weakly modified diesel is significant

² = Chromatogram Pattern: diesel range hydrocarbons are significant, no recognizable pattern

ANALYTICAL METHODS:

TPHd = Total Petroleum Hydrocarbons as Diesel according to EPA Method 8015 Modified
TPHg = Total Petroleum Hydrocarbons as gasoline according to EPA Method 8015 Modified
Benzene, Toluene, Ethylbenzene, and Total Xylenes according to EPA Method 8020
MTBE = Methyl tertiary butyl ether according to EPA Method 8020



Source: AAA, Pleasanton, Dublin and Vicinity, 2000



Gottler - Ryan Inc.

8747 Sierra Ct., Suite J
 Dublin, CA 94568 (925) 551-7555

VICINITY MAP
 Alameda County—Santa Rita Facility, Parcel 16A
 Hacienda Drive and Dublin Boulevard
 Dublin, California

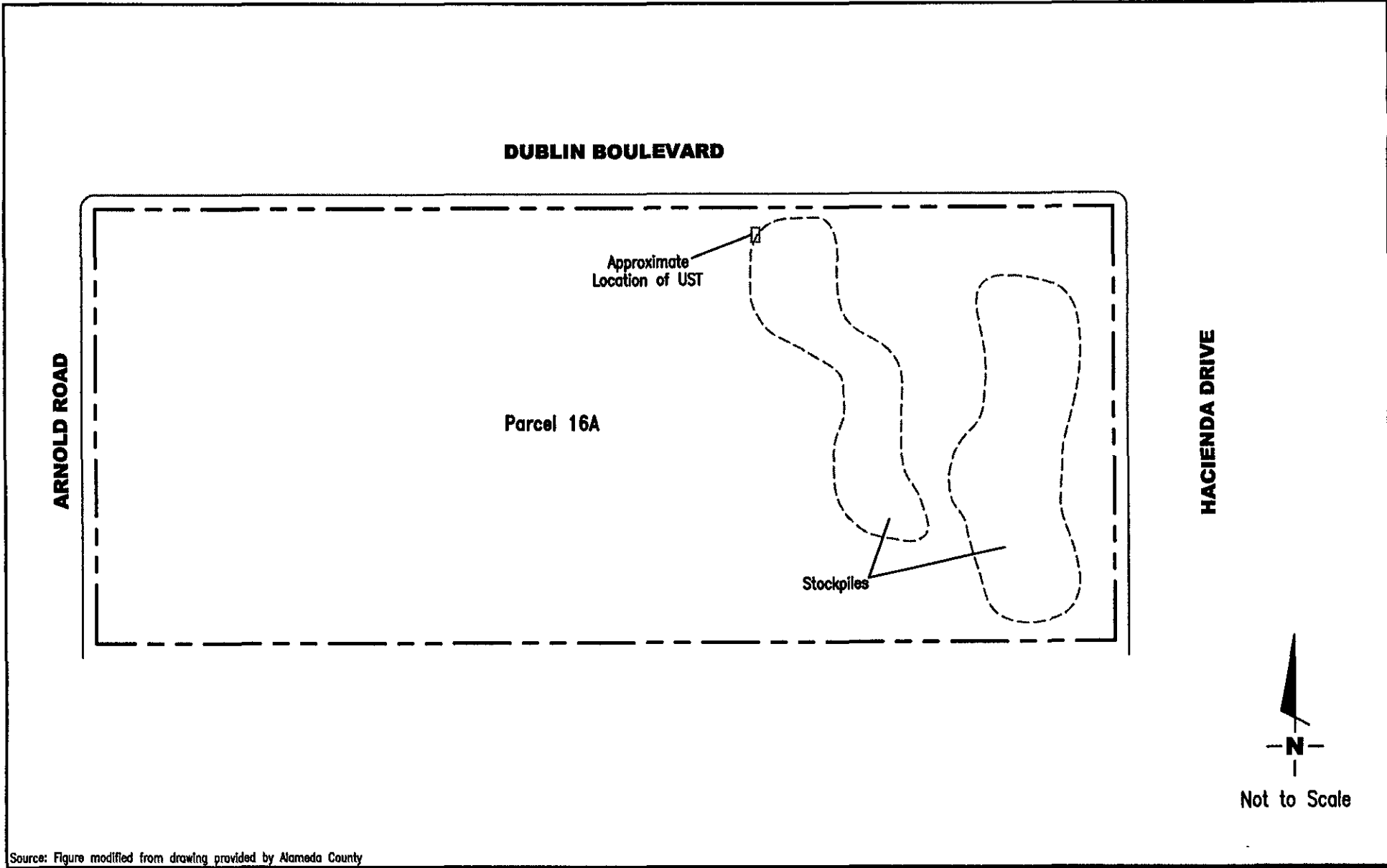
FIGURE
1

JOB NUMBER
 102890.01

REVIEWED BY

DATE
 01/01

REVISED DATE



Source: Figure modified from drawing provided by Alameda County



Gettler - Ryan Inc.

6747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

SITE PLAN

Alameda County—Santa Rita Facility, Parcel 16A
Hacienda Drive and Dublin Boulevard
Dublin, California

FIGURE

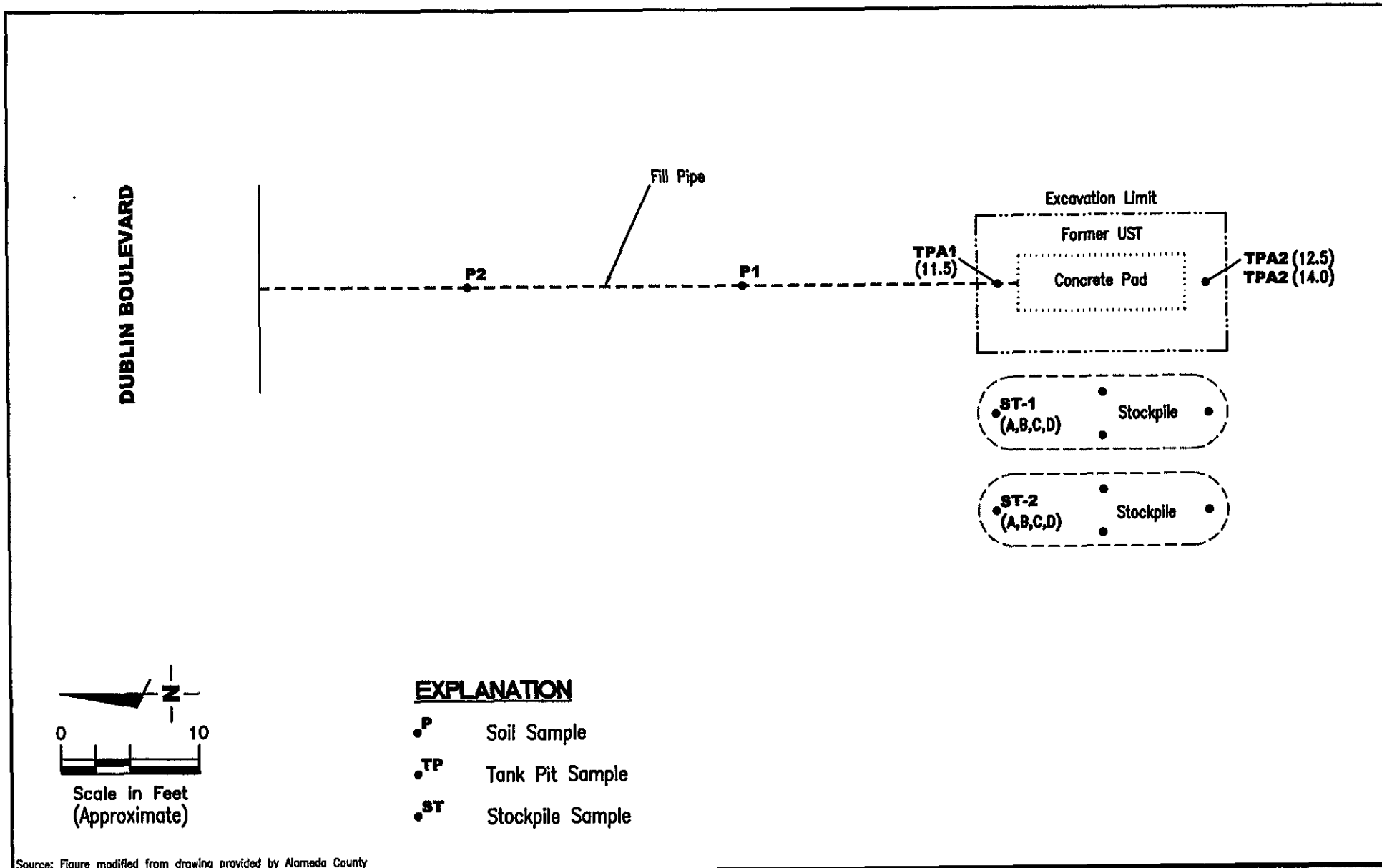
2

PROJECT NUMBER
102890.01

REVIEWED BY

DATE
01/01

REVISED DATE



EXPLANATION

- ^P Soil Sample
- ^{TP} Tank Pit Sample
- ST Stockpile Sample

Source: Figure modified from drawing provided by Alameda County



Gertler - Ryan Inc.
 6747 Sierra Ct., Suite J
 Dublin, CA 94568 (925) 551-7555

SOIL SAMPLE MAP
 Alameda County_Santa Rita Facility, Parcel 16A
 Hacienda Drive and Dublin Boulevard
 Dublin, California

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
102890.01		01/01	

GETTLER - RYAN FIELD METHODS AND PROCEDURES

Site Safety Plan

Field work performed by Gettler-Ryan, Inc. (GR) is conducted in accordance with GR's Health and Safety Plan and the Site Safety Plan. GR personnel and subcontractors who perform work at the site are briefed on the contents of these plans prior to initiating site work. The GR geologist or engineer at the site when the work is performed acts as the Site Safety Officer. GR utilizes a photoionization detector (PID) to monitor ambient conditions as part of the Health and Safety Plan.

Collection of Soil Samples

Exploratory soil borings are drilled by a California-licensed well driller. A GR geologist is present to observe the drilling, collect soil samples for description, physical testing, and chemical analysis, and prepare a log of the exploratory soil boring. Soil samples are collected from the exploratory soil boring with a split-barrel sampler or other appropriate sampling device fitted with clean brass or stainless steel liners. The sampling device is driven approximately 18 inches with a 140-pound hammer falling 30 inches. The number of blows required to advance the sampler each successive 6 inches is recorded on the boring log. The encountered soil is described using the Unified Soil Classification System (ASTM 2488-84) and the Munsell Soil Color Chart.

After removal from the sampling device, soil samples for chemical analysis are covered on both ends with teflon sheeting or aluminum foil, capped, labeled, and placed in a cooler with blue ice for preservation. A chain-of-custody form is initiated in the field and accompanies the selected soil samples to the analytical laboratory. Samples are selected for chemical analysis based on:

- a. depth relative to underground storage tanks and existing ground surface
- b. depth relative to known or suspected groundwater
- c. presence or absence of contaminant migration pathways
- d. presence or absence of discoloration or staining
- e. presence or absence of obvious gasoline hydrocarbon odors
- f. presence or absence of organic vapors detected by headspace analysis

Field Screening of Soil Samples

A PID is used to perform head-space analysis in the field for the presence of organic vapors from the soil sample. This test procedure involves removing some soil from one of the sample tubes not retained for chemical analysis and immediately covering the end of the tube with a plastic cap. The PID probe is inserted into the headspace inside the tube through a hole in the plastic cap. Head-space screening results are recorded on the boring log. Head-space screening procedures are performed and results recorded as reconnaissance data. GR does not consider field screening techniques to be verification of the presence or absence of hydrocarbons.

TO: SKIP MCINTOSH



WASTE STREAM INFORMATION

Date	Monday, December 18, 2000		
County	Alameda County GSA		
City/Location	Parcel 16A Santa Rita Prop.	Dubila	CA
Site Number	02809		
Bill To	Gettler-Ryan		
Service Date	12/18/00		
Export Date	12/18/01		
Material	Soil		
Material Code	ADC		

The above is a recommendation of the Vasco Road Landfill. It must be understood that management of the waste for disposal must be in compliance with the facility's permit and applicable federal, state and local regulations. The approval is based upon a review of the information provided by the generator and is contingent upon the receipt at the disposal facility of a waste material essentially equivalent in chemical composition and physical properties to that as defined above.

A MINIMUM OF ONE SIGNED AND COMPLETED COPY OF THIS FORM MUST ACCOMPANY EACH LOAD. ONE COPY WILL BE RETAINED ON BEHALF OF ALAMEDA COUNTY BY THE VASCO ROAD LANDFILL.

[Signature] Barry E McCoy 12-27-00
 Generator Signature Date

TRANSPORTER INFORMATION

Transporter to complete this section

Company Name	MANLEYSONS TRUCKING
Address	8896 ELDER CREEK
City, State, Zip	SACRAMENTO CA. 95818
Phone Number	(916) 381-6864
Driver Name	THOMAS F. CRAYTON
Vehicle Number	M-48
License Number	9B46895 IWL1821

[Signature] 12/22/00
 Driver Signature Date

DESTINATION INFORMATION

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 12 22 00
 Signature of Vasco Road Landfill employee Date

4081 North Vasco Road, Livermore - Phone: 925-447-0491 - Fax: 925-447-3086 or 925-447-0499

9254491001 PAGE.001

DEC 18 00 14:15

TO: SKIP MCINTOSH



WASTE APPROVAL INFORMATION HAZARDOUS WASTE MANAGEMENT

WASTE STREAM INFORMATION

Date	Monday, December 18, 2000
Generator	Alameda County GSA
Control Location	Parcel 16A Santa Rita Prop. Dublin CA
SWP Number	02809
Bill To	Gettler-Ryan
Approval Date	12/18/00
Expiration Date	12/18/01
Material	Soil
Material Code	ADC

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Generator Signature: Barry E McCoy, Date: 12-27-00

TRANSPORTER INFORMATION

Transporter to complete this section

Company Name	MANEY + SONS TRUCKING
Address	8896 ELDER CREEK
City/State/Zip	SACRAMENTO CA 95818
Phone	(916) 381-6864
Driver Name	THOMAS F. CRAYTON
License	M-48
Vehicle ID	9B46895 1W61821

Driver Signature: Thomas F. Crayton, Date: 12/22/00

DESTINATION INFORMATION

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature of Vasco Road Landfill employee, Date: 12/27/00

Signature of Vasco Road Landfill employee

4001 North Vasco Road, Livermore - Phone: 925-447-0491 - Fax: 925-447-3096 or 925-447-0499

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DEC 18 00 14:15

TO: SKIP MCINTOSH



WASTE RECEIPT FOR NON-HAZARDOUS WASTE MATERIALS
WASTE SITE ADMINISTRATION

Date	Monday, December 18, 2000		
Company	Alameda County GSA		
City or Location	Parcel 16A Santa Rita Prop.	Dublin	CA
Site Number	02809		
Site Name	Gettler-Ryan		
Accepted Date	12/18/00		
Accepted By	12/18/01		
Material	Soil		
Material Code	ADC		

The above is a recommendation of the Vasco Road Landfill. It must be understood that management of the waste for disposal must be in compliance with the facility's permit and applicable federal, state and local regulations. The approval is based upon a review of the information provided by the generator and is contingent upon the receipt at the disposal facility of a waste material essentially equivalent in chemical composition and physical properties to that as defined above.

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[Signature] Barry E McCoy 12-27-00
 Generator Signature Date

TRANSPORTER INFORMATION
Transporter to complete this section

Company	MANLEY & SONS TRUCKING
Address	8896 ELDER CREEK
City	SACRAMENTO CA. 95818
Phone	(916) 381-6864
Driver Name	THOMAS F. CRAYTON
License	M-48
Vehicle ID	9846895 IWL1821

[Signature] 12/22/00
 Driver Signature Date

TESTIFICATION INFORMATION

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 12/22/00
 Signature of Vasco Road Landfill employee Date

4001 North Vasco Road, Livermore - Phone: 925-447-0491 - Fax: 925-447-3086 or 925-447-0499

TO: SKIP MCINTOSH



WASTE APPROVAL FOR NON-HAZARDOUS WASTE MANIFEST
WASTE STREAM INFORMATION

Date	Monday, December 18, 2000
Generator	Alameda County GSA
Generator Location	Parcel 16A Santa Rita Prop. Dublin CA
SWIFT Number	02809
Bill To	Gettler-Ryan
Effective Date	12/18/00
Expiration Date	12/18/01
Waste Description	Soil
Manifest	ADC

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A MINIMUM OF ONE SIGNED AND COMPLETED COPY OF THIS FORM MUST ACCOMPANY EACH LOAD. ONE COPY WILL BE RETAINED ON BEHALF OF ALAMEDA COUNTY BY THE VASCO ROAD LANDFILL.

 Barry E McCoy 12-27-00
 Generator Signature Date

TRANSPORTER INFORMATION

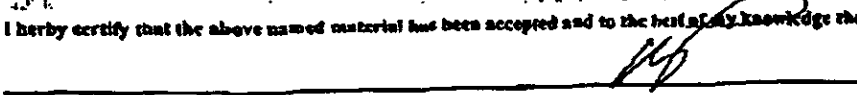
Transporter to complete this section

Transporter Name	MANLEY+SONS TRUCKING
Address	8876 ELDER CREEK
City/State/Zip	SACRAMENTO, CA. 95818
Phone	(916) 381-6864
Driver Name	THOMAS F. CRAYTON
Vehicle ID	M-48
License/Plate	9B46895 1W41821

 12/22/00
 Driver Signature Date

DESIGNATION INFORMATION

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

 12-22-00
 Signature of Vasco Road Landfill employee Date

4801 North Vasco Road, Livermore - Phone: 925-447-0491 - Fax: 925-447-3086 or 925-447-0499

TO: SKIP MCINTOSH



WASTE APPROVAL FOR NON-HAZARDOUS WASTE DEWATERING

WASTE STREAM INFORMATION

Date	Monday, December 18, 2000
County	Alameda County GSA
Parcel	Parcel 16A Santa Rita Prop. Dublin CA
SWID	02309
Business	Gettler-Ryan
Approval Date	12/19/00
Expiration Date	12/18/01
Material	Soil
Material Code	ADC

The above is a recommendation of the Vasco Road Landfill. It must be understood that management of the waste for disposal must be in compliance with the facility's permit and applicable federal, state and local regulations. The approval is based upon a review of the information provided by the generator and is contingent upon the receipt at the disposal facility of a waste material essentially equivalent in chemical composition and physical properties to that as defined above.

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Generator Signature: Barry E McCoy Date: 12-27-00

TRANSPORTER INFORMATION

Transporter to complete this section

Company	MANLEY & SONS TRUCKING
Address	8896 ELDER CREEK
City	SACRAMENTO, CA. 95818
Phone	(916) 381-6864
Driver	THOMAS F. CRAYTON
Truck	M-48
License	9846895 IWL1821

Driver Signature: [Signature] Date: 12/22/00

DESTINATION INFORMATION

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature of Vasco Road Landfill employee: [Signature] Date: 12-22-00

0001 North Vasco Road, Livermore - Phone: 925-447-0491 - Fax: 925-447-3086 or 925-447-0499

TO: SKIP MCINTOSH



WASTE APPROVAL FOR DISPOSAL AT HAZARDOUS WASTE TREATMENT FACILITY

WASTE STREAM INFORMATION

Date	Monday, December 18, 2000		
Agency	Alameda County GSA		
Site Location	Parcel 16A Santa Rita Prop.	Dublin	CA
Site Number	02809		
Site Name	Gettler-Ryan		
Start Date	12/18/00		
End Date	12/18/01		
Material	Soil		
Material ID	ADC		

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[Signature] Barry E McCoy 12-27-00
 Generator Signature Date

TRANSPORTER INFORMATION

Transporter to complete this section

Company Name	MANLEYSONS TRUCKING
Address	8896 ELDER CREEK
City, State, Zip	SACRAMENTO, CA. 95818
Phone Number	(916) 381-6864
Driver Name	THOMAS F. CRAWFORD
License Number	M-48
Vehicle Number	9B46895 (WL182)

[Signature] 12/22/00
 Driver Signature Date

DESTINATION INFORMATION

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 122200
 Signature of Vasco Road Landfill employee Date

4001 North Vasco Road, Livermore - Phone: 925-447-8491 - Fax: 925-447-3086 or 925-447-0499



WASTE APPROVAL FORM FOR NON-HAZARDOUS WASTE MANIFEST

WASTE STREAM INFORMATION

Date	Monday, December 18, 2000		
Generator	Alameda County GSA		
Generator Location	Parcel 16A Santa Rita Prop.	Dublin	CA
SWIG Number	02809		
Bill To	Gettler-Ryan		
Approval Date	12/18/00		
Expiration Date	12/18/01		
Waste Description	Soil		
Management	ADC		

The above is a recommendation of the Vasco Road Landfill. It must be understood that management of the waste for disposal must be in compliance with the facility's permit and applicable federal, state and local regulations. The approval is based upon a review of the information provided by the generator and is contingent upon the receipt at the disposal facility of a waste material essentially equivalent in chemical composition and physical properties to that as defined above.

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Generator Signature

Date

TRANSPORTER INFORMATION

Transporter to complete this section

Transporter Name	
Transporter Address	
Transporter City, State, Zip	
Transporter Phone Number	
Driver Name	
Truck Number	
Vehicle License Number/State	

Driver Signature

Date

DESTINATION INFORMATION

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature of Vasco Road Landfill employee

Date

4001 North Vasco Road, Livermore - Phone: 925-447-0491 - Fax: 925-447-3086 or 925-447-0499

McCAMPBELL ANALYTICAL INC.	110 2nd Avenue South, #D7, Pucheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com
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Gettler-Ryan, Inc. 6747 Sierra Court Suite J Dublin, CA 94568	Client Project ID: #102890.01; Alameda Co.	Date Sampled: 12/08/00
		Date Received: 12/08/00
	Client Contact: Greg Gursse	Date Extracted: 12/08/00
	Client P.O.:	Date Analyzed: 12/08/00

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 UCPII(5030)

Lab ID	Client ID	Matrix	TPH(g) [†]	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	% Recovery Surrogate
55484	TPA1 11.5	S	98.g	ND<0.10	ND	ND	ND	ND	99
55485	TP A2 12.5	S	46.g	ND	ND	ND	0.048	ND	120
55486	TP A2 14.0	S	ND	ND	ND	ND	ND	ND	111
55487	PI	S	ND	ND	ND	ND	ND	ND	111
55488	PZ	S	ND	ND	ND	ND	ND	ND	100
55489	ST1 (A-D)	S	---	---	ND	ND	0.013	0.011	110
55490	ST2 (A-D)	S	---	---	ND	ND	ND	ND	102
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	0.5	
	S	1.0 mg/kg	0.05	0.005	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.

* eluted 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) TPII 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.

DHS Certification No. 1644

ELAP# 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: mair@mccampbell.com
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Gettler-Ryan, Inc. 6747 Sierra Court Suite J Dublin, CA 94568	Client Project ID: #102890.01; Alameda Co.	Date Sampled: 12/08/00
	Client Contact: Greg Guras	Date Received: 12/08/00
	Client P.O.:	Date Extracted: 12/08/00
		Date Analyzed: 12/08-12/12/00

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *

FPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCF1X(3550) or GCF1D(3510)

Lab ID	Client ID	Matrix	TPH(d) [*]	% Recovery Surrogate
55484	TPA1 11.5	S	720,a	88
55485	TP A2 12.5	S	2500,a	106
55486	TP A2 14.0	S	1.5,b	106
55487	P1	S	ND	101
55488	P2	S	ND	111
55489	ST1 (A-D)	S	320,a	89
55490	ST2 (A-D)	S	37,a/b	103
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	
		S	1.0 mg/kg	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCL1* / ST1,C / SPLP extracts in ug/L

* filtered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

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 diesel is significant; b) diesel range compounds are significant, no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (fuel oil?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

DHS Certification No. 1644

 Edward Hamilton, Lab Director

Gettler - Ryan Inc. *7662 23511*
 COMPANY ALAMEDA Co ENVIRONMENTAL DIVISION **Sampling Order**
 JOB LOCATION Dublin BLVD @ Arnold Dr Parcel 16A JOB NO. 102890.01
 CITY Dublin CA PHONE NO. _____

AUTHORIZED _____ DATE _____ P.O. NO. _____

TYPE OF PROJECT: UST tank pull / heat oil FREQUENCY: _____
 RECOVERY SYSTEM: _____

WELL SAMPLING: _____

SAMPLE POINT	TOTAL DEPTH	DEPTH TO WATER	CASING DIAMETER	FLOATING PRODUCT	ANALYSIS REQUIRED	
TPA1	11.5	N/A	55484		TPH _g , TPH _D , BTEX, MTBE	
TPAZ	12.5	↓	55485		TPH _g , TPH _D , BTEX, MTBE	
TPAZ	14.0		55486			
P1			55487			
P2			55488			
ST1 (ABCD)			55489			TPH _D , BTEX
ST2 (ABCD)			55490			" "

START DATE: 12/8/00 IDEP GOOD CONDITION HEAD SPACE ABSENT PRESERVATION APPROPRIATE CONTAINERS VOAS O&G METALS OTHER

REPORT DUE DATE: _____
 SPECIAL REPORTING REQUIREMENTS: 48 HOUR TAT
TPH_g, BTEX, MTBE by 8020 or 8040

ADDITIONAL INFORMATION: ST1, ST2 are 4 part composite soils

Received 12/8/00 2:00 B. Butts & Bill Butts 12-8
 DATE COMPLETED 12/8/00 3:00 FOREMAN Sup Mcintosh

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CACCP02341370B31R59		Manifest Document No. 31R59		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.					
		3. Generator's Name and Mailing Address COUNTY OF ALAMEDA GENERAL SERVICES AGENCY 1401 LAKESIDE DR ROOM 115 OAKLAND CA 94612						A. State Manifest Document Number 99631259					
4. Generator's Phone (SIO) 208-9522 ATTN ROD FREITAS						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.]				D. Transporter's Phone 510-235-1393					
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID [Reserved.]				F. Transporter's Phone					
9. Designated Facility Name and Site Address ECOLOGY CONTROL INDUSTRIES 255 PARR BLVD RICHMOND CA 94801						10. US EPA ID Number CAD009466392							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) WASTE EMPTY STORAGE TANK NON RCRA HAZARDOUS WASTE SOLID						12. Containers		13. Total Quantity		14. Unit		1. Waste Number	
						No.		Type		Quantity		WI/Val	
						001		TP		01000		P	
b.												State EPA/Other	
c.												State EPA/Other	
d.												State EPA/Other	
J. Additional Descriptions for Materials Listed Above EMPTY STORAGE TANK # 28787						K. Handling Codes for Wastes Listed Above							
TANK(S) HAVE BEEN INERTED WITH 15 LBS DRY ICE PER 1000 GALLON CAPACITY						a. b. 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 (SIO) 208 9522 24 Hour emergency contact: ROD FREITAS													
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 ON BE HALF OF ALSO BARRY E MCGOY				Signature <i>[Signature]</i>				Month Day Year 12 08 00					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name WAYNE KINDT				Signature <i>[Signature]</i>				Month Day Year 12 08 00					
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				Signature				Month Day Year					

GENERATOR

TRANSPORTER

FACILITY

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7350

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA1C0002343703		Manifest Document No. 99631192		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address COUNTY OF ALAMEDA GENERAL SERVICES AGENCY 1401 LAKE SIDE DR ROOM 1115 OAKLAND CA, 94612						A. State Manifest Document Number 99631192									
4. Generator's Phone () 510 208-9522, ROD FREITAG						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						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 Evergreen Oil Co. 5550 Smith Avenue Newark CA 94560						F. Transporter's Phone									
10. US EPA ID Number CAD980887418						G. State Facility's ID									
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		J. Waste Number			
a. OIL AND WATER Non-RCRA hazardous waste liquid						No.		Type		G		State			
						001		TIT 01000				EPA/Other			
												State			
												EPA/Other			
b.										State					
c.										State					
d.										State					
K. Handling Codes for Wastes Listed Above						a.		b.		c.		d.			
15. Special Handling Instructions and Additional Information SITE, PARCEL 16A, DUBLIN, BL, HACTEDA, DUBLIN CA, 94568 Wear proper protective equipment while handling. Weights or volumes are approximate. 24 Hour emergency telephone number (800) 788-1393 (ECI Dispatcher). DOT ERG# 11a) 171 ECI JIN 5241502 BILLING ADDRESS: GETTLER RYAN 6747 SIERRA CT #J DUBLIN CA 94568-2611						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 ON BEHALF OF ALCO BARRY E MCCOY		Signature <i>[Signature]</i>		Month 12		Day 06		Year 00	
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name WAYNE A KINAT		Signature <i>[Signature]</i>		Month 12		Day 06		Year 00	
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		Signature		Month		Day		Year	

DO NOT WRITE BELOW THIS LINE.

TO: SKIP MCINTOSH



Republic Services
Vasco Road Landfill

WASTE APPROVAL FORM (NON-HAZARDOUS WASTE MANIFEST)

WASTE STREAM INFORMATION

Date	Monday, December 18, 2000		
Generator	Alameda County GSA		
Generator Location	Parcel 16A Santa Rita Prop.	Dublin	CA
SWIFC Number	02809		
Bill To	Gettler-Ryan		
Approval Date	12/18/00		
Expiration Date	12/18/01		
Waste Description	Soil		
Management	ADC		

The above is a recommendation of the Vasco Road Landfill. It must be understood that management of the waste for disposal must be in compliance with the facility's permit and applicable federal, state and local regulations. The approval is based upon a review of the information provided by the generator and is contingent upon the receipt at the disposal facility of a waste material essentially equivalent in chemical composition and physical properties to that as defined above.

A MINIMUM OF ONE SIGNED AND COMPLETED COPY OF THIS FORM MUST ACCOMPANY EACH LOAD. ONE COPY WILL BE RETAINED ON BEHALF OF ALAMEDA COUNTY BY THE VASCO ROAD LANDFILL.

[Signature] Barry E McCoy 12-27-00
 Generator Signature Date

TRANSPORTER INFORMATION

Transporter to complete this section

Transporter Name	
Transporter Address	
Transporter City, State, Zip	
Transporter Phone Number	
Driver Name	
Truck Number	
Vehicle License Number/State	

 Driver Signature Date

DESTINATION INFORMATION

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

 Signature of Vasco Road Landfill employee Date

4001 North Vasco Road, Livermore - Phone: 925-447-0491 - Fax: 925-447-3086 or 925-447-0499



GETTLER-RYAN INC.

TRANSMITTAL

TO: Mr. Rod Freitag
Alameda County GSA
1401 Lakeside Drive
Oakland, California 94612

DATE: January 17, 2001
PROJ. #: 948165.01-1
SUBJECT: Soil Sampling Report
Highland Hospital
1411 East 31ST Street
Oakland, California

00 JAN 19 PM 4:27
CALIFORNIA
PROTECTION

FROM:
Douglas J. Lee
Project Manager
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

WE ARE SENDING YOU:

COPIES	DATED	DESCRIPTION
3	January 17, 2001	Soil Sampling During Excavation at Highland Hospital

THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit _ copies for approval
- As requested Approved as noted Submit _ copies for distribution
- For approval Return for corrections Return _ corrected prints
- For Your Files

COMMENTS

Enclosed are three copies of the referenced Sampling Report. If you have any questions, please call me at (925) 551-7555.

cc: Mr. Larry Seto, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Suite 200, Alameda, California 94502