

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES

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

March 28, 2008

Ms. Beverly Adamo
Livermore Amador Valley Transit Authority
1362 Rutan Drive, #100
Livermore, CA 94551

Subject: SLIC Case RO0002943 and Geotracker Global ID SLT19742527, Livermore Amador Valley Transit Authority, 1362 Rutan Drive, Livermore, CA 94551 – Case Closure

Dear Ms. Adamo:

This letter confirms the completion of site investigation and remedial actions for the soil and groundwater investigation at the above referenced site. We are also transmitting the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported releases at the subject site with the provision that the information provided to this agency was accurate and representative of existing conditions. The subject Spills, Leaks, Investigation, and Cleanup (SLIC) case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (<http://geotracker.swrcb.ca.gov>) and the Alameda County Environmental Health website (<http://www.acgov.org/aceh/index.htm>).

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Total petroleum hydrocarbons as diesel remain in shallow soil at concentrations up to 2,700 ppm.
- Total petroleum hydrocarbons as diesel remain in shallow groundwater at concentrations up to 130 ppb.

If you have any questions, please call Jerry Wickham at (510) 567-6791. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Donna L. Drogos". The signature is fluid and cursive, written over a white background.

Donna L. Drogos, P.E.
LOP and Toxics Program Manager

Enclosures:

1. Case Closure Summary

Ms. Beverly Adamo
RO0002943
March 28, 2008
Page 2

cc: Cherie McCaulou (w/enc)
SF- Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Danielle Stefani (w/enc)
Livermore-Pleasanton Fire Department
3560 Nevada Street
Pleasanton, CA 94566

Cheryl Dizon, QIC 80201 (w/enc)
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

City of Livermore Planning Department (w/enc)
1052 South Livermore Avenue
Livermore, CA 94550

David DeMent (w/enc)
ACC Environmental Consultants
7977 Capwell Drive, Suite 100
Oakland, CA 94621

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

**CASE CLOSURE SUMMARY
SPILLS, LEAKS, INVESTIGATION, AND CLEANUP PROGRAM**

I. AGENCY INFORMATION

Date: March 25, 2008

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Responsible Staff Person: Jerry Wickham	Title: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Livermore Amador Valley Transit Authority		
Site Facility Address: 1362 Rutan Drive, Livermore, CA 94550		
RB Case No.: ---	Local Case No.: ---	SLIC Case No.: RO0002943
URF Filing Date: 12/05/2006	Geotracker ID: SLT19742527	APN: 99-1331-31
Responsible Parties	Addresses	Phone Numbers
Beverly Adamo, Livermore Amador Valley Transit Authority	1362 Rutan Drive, Suite 100, Livermore, CA 94551	(925) 455-7563

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
Remote waste oil drain	Piping - Not Applicable	Waste Oil	Removed	December 11, 2006

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Release appeared to have occurred from remote waste oil drain line at point where plastic flexible piping joined galvanized piping.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ----	
Monitoring wells installed? No	Number: 0	Proper screened interval? ---
Highest GW Depth Below Ground Surface: 25 feet bgs	Lowest Depth: 27 feet bgs	Flow Direction: Presumed to Southwest based on regional flow direction.

Summary of Production Wells in Vicinity: Based on a well survey for a nearby site, the nearest water supply well is an abandoned supply well (3S/2E 7D1) located approximately 100 feet southwest of the site. Based on the limited impact to groundwater from the site, the abandoned well is not expected to be a receptor for the site. The nearest active water supply well (3S/2E 6N2) is located approximately 3,000 feet northwest of the site. Based on the distance, crossgradient location, and limited impact to groundwater at the site, the active supply well is not expected to be a receptor for the site.

Are drinking water wells affected? No	Aquifer Name: Amador Subbasin of Livermore/Amador Basin
Is surface water affected? No	Nearest SW Name: Las Positas Creek is approximately 2,300 feet northwest of the site.
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and Livermore Pleasanton Fire Department

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	Not applicable	Not applicable	Not applicable
Piping	Approximately 6 feet	Not reported	12/2006
Free Product	---	---	---
Soil	1 cubic yard	Soil was disposed at 21 st Century EMI in Fernly, NV	03/2007
Groundwater	---	---	---

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
 (Please see Attachments 1 through 6 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	0.56	0.56	<50	<50
TPH (Diesel)	2,700	2,700	130	130
TPH (Motor Oil)	<50	<50	<890	<890
Oil and Grease	8,840	8,840	NA	NA
Benzene	<0.005	<0.005	<1	<1
Toluene	<0.005	<0.005	<1	<1
Ethylbenzene	<0.005	<0.005	<0.5	<0.5
Xylenes	<0.005	<0.005	<2	<2
Heavy Metals	106(1)	106(1)	NA	NA
MTBE	<0.005(2)	<0.005(2)	<10(2)	<10(2)
Other (8260/8270)	<2.5(3)	<2.5(3)	ND(4)	ND(4)

- 1) Nickel = 106 ppm; Chromium = 47 ppm; Lead = 4 ppm; Zinc = 35 ppm; Cadmium <0.5 ppm.
- 2) No MTBE or other oxygenates detected.
- 3) Bis(2-ethylhexyl)phthalate detected in soil at a concentration of 0.96 ppm; possible sampling or laboratory contaminant. NO other VOCs or SVOCs detected in soil.
- 4) No VOCs detected in groundwater; various reporting limits.

Site History and Description of Corrective Actions:

This case closure applies to a remote waste oil drain at the Livermore Amador Valley Transit Authority building at 1362 Rutan Drive in Livermore, CA. The 1362 Rutan Drive building includes vehicle maintenance facilities and offices. Surrounding land use is industrial and commercial. No investigation or corrective action was conducted as part of this case in the remainder of the facility outside the remote waste oil drain area.

In December 2006, a remote waste oil drain, associated piping, and approximately one cubic yard of soil were removed. Following excavation, three soil samples were collected from the sidewalls, one soil sample was collected from the bottom of the excavation, and one composite soil sample was collected from the soil stockpile. The remote waste oil drain was not reinstalled and the excavation was backfilled with engineered sand fill and covered with concrete. Based on observations during removal and excavation of the waste oil drain, the release appears to have occurred at the point where plastic flexible piping joined galvanized piping.

On January 23, 2008, four soil borings were advanced adjacent to the former excavation. Three of the soil borings were advanced to a depth of 9 feet bgs and one soil boring was advanced to a depth of 28 feet bgs. Low concentrations (less than 3 ppm) of total petroleum hydrocarbons (TPH) as diesel were detected in soil samples collected from the borings. One grab groundwater sample was collected from boring B-4. TPH as diesel was detected in groundwater at a concentration of 130 ppb. TPH as motor oil and VOCs, including BTEX, MTBE, and chlorinated solvents, were not detected in groundwater.

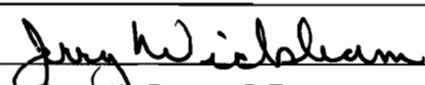
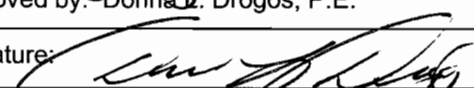
IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: None		
Should corrective action be reviewed if land use changes? No		
Was a deed restriction or deed notification filed? No		Date Recorded: --
Monitoring Wells Decommissioned: ---	Number Decommissioned: 0	Number Retained: 0
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: ---		

V. ADDITIONAL COMMENTS, DATA, ETC.

<p>Considerations and/or Variances:</p> <p>This case closure applies only to the area of a remote waste oil drain area. No investigation or corrective action was conducted in the remainder of the facility outside the waste oil drain area at 1362 Rutan Drive in Livermore, CA.</p> <p>Soil containing concentrations of TPH as diesel up to 2,700 ppm and oil and grease at concentrations up to 8,840 ppm appear to have been left in place along one sidewall of the former waste oil drain excavation. However, soil samples collected from soil borings located approximately two feet from the sidewall of the excavation contained less than 3 ppm of TPH as diesel and less than 50 ppm of TPH as motor oil. Based on the limited extent and volume of residual contamination, and location beneath the concrete slab of the vehicle repair facility, further corrective action does not appear to be warranted.</p> <p>Conclusion:</p> <p>Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment based upon the information available in our files to date. No further investigation or cleanup is necessary. ACEH staff recommend case closure for this site.</p>

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham	Title: Hazardous Materials Specialist
Signature: 	Date: 03/26/08
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature: 	Date: 03/26/08

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB: 3/26/08
Signature: <i>Cherie McCaulou</i>	Date: 3/28/08

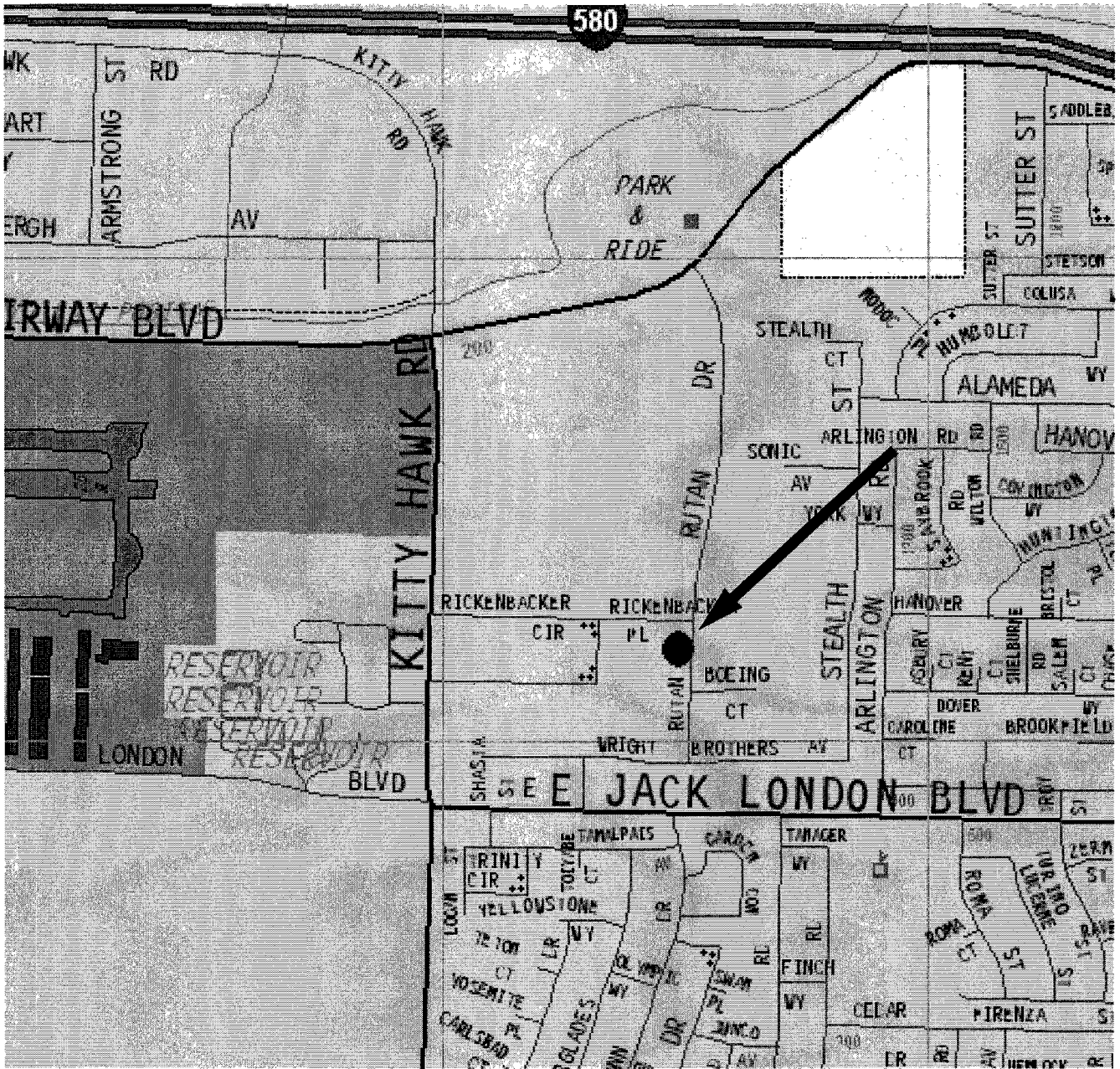
VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: NA	Date of Well Decommissioning Report: NA	
All Monitoring Wells Decommissioned: NA	Number Decommissioned: 0	Number Retained: 0
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: NA		
ACEH Concurrence - Signature: <i>Jerry Wickham</i>	Date: 03/28/08	

Attachments:

1. Site Vicinity Map (1 page)
2. Site Plan of 1362 Rutan Drive (1 page)
3. Detailed Site Plan and Detail A (2 pages)
4. Soil Analytical Data from Excavation (3 pages)
5. Site Investigation Analytical Data (1 page)
6. Boring Logs (4 pages)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.



Source: The Thomas Guide, Bay Area Metro

Title: **Location Map**
1362 Rutan Drive
Livermore, California

Figure Number: 1

Scale: None

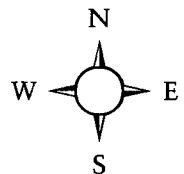
Project Number: 2052-001.00

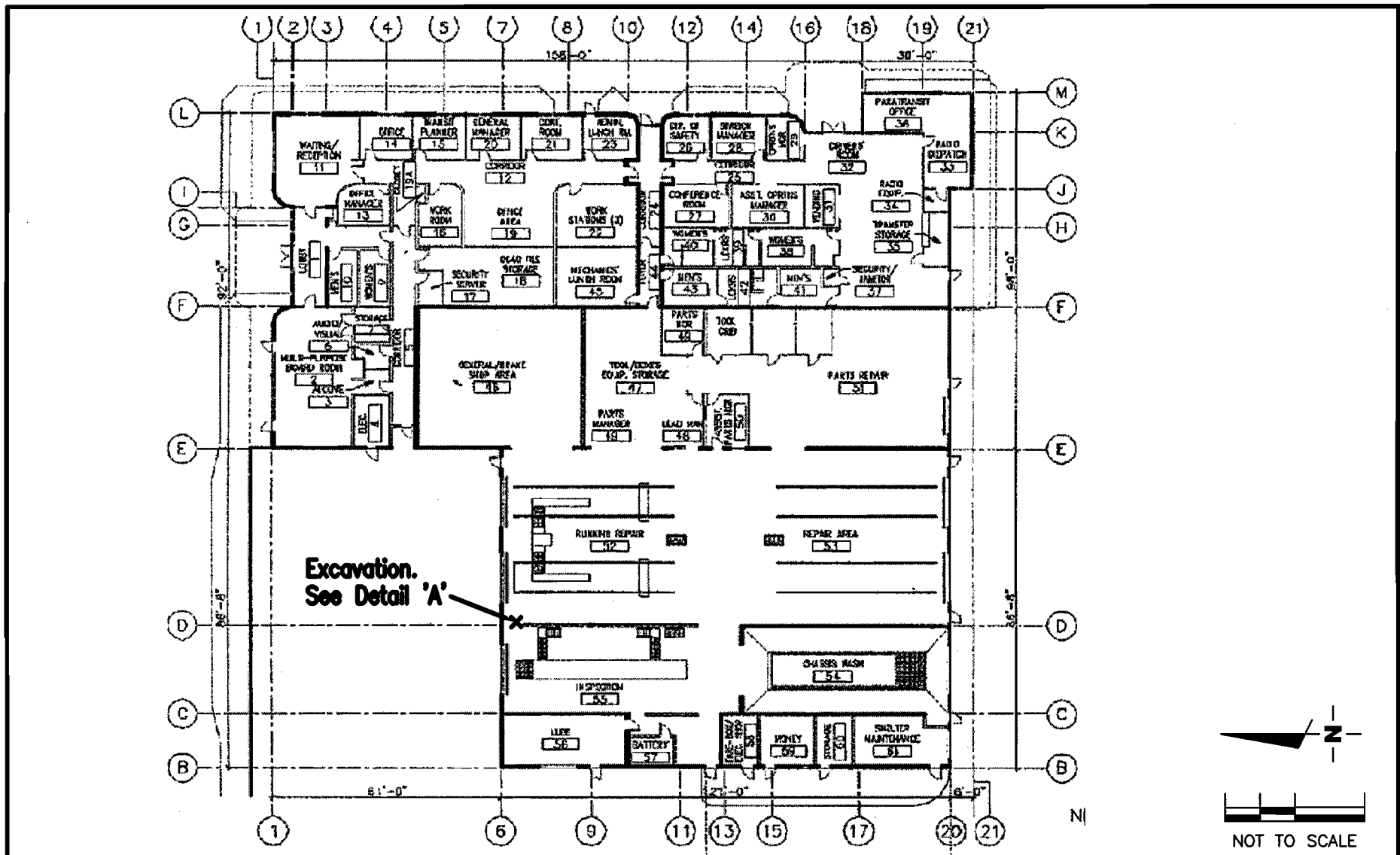
Drawn By: KRB

Date: 11/26/07



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 Oakland, California 94621
 (510) 638-8400 Fax: (510) 638-8404





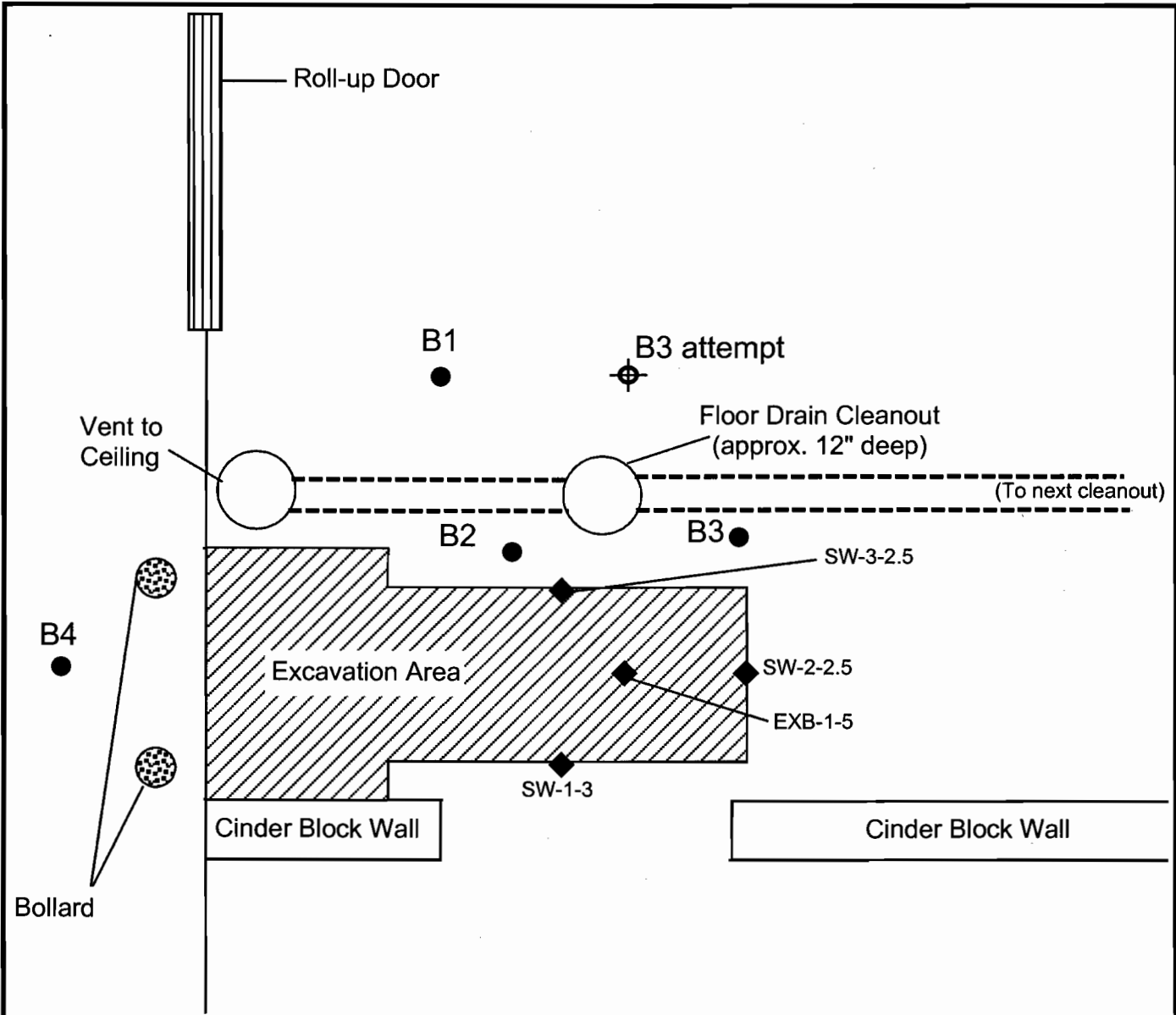
Source: Figure modified from drawing provided by LAVTA.

GETTLER - RYAN INC.
 6747 Sierra Court, Suite J
 Dublin, CA 94568 (925) 551-7555

SITE PLAN
 MV Transportation
 1362 Rutan Drive
 Livermore, California

FIGURE
1

PROJECT NUMBER: 10-054208.1
 REVIEWED BY: [REDACTED]
 DATE: January 11, 2007



LEGEND

SW-1-3 Gettler-Ryan Soil Sampling Location

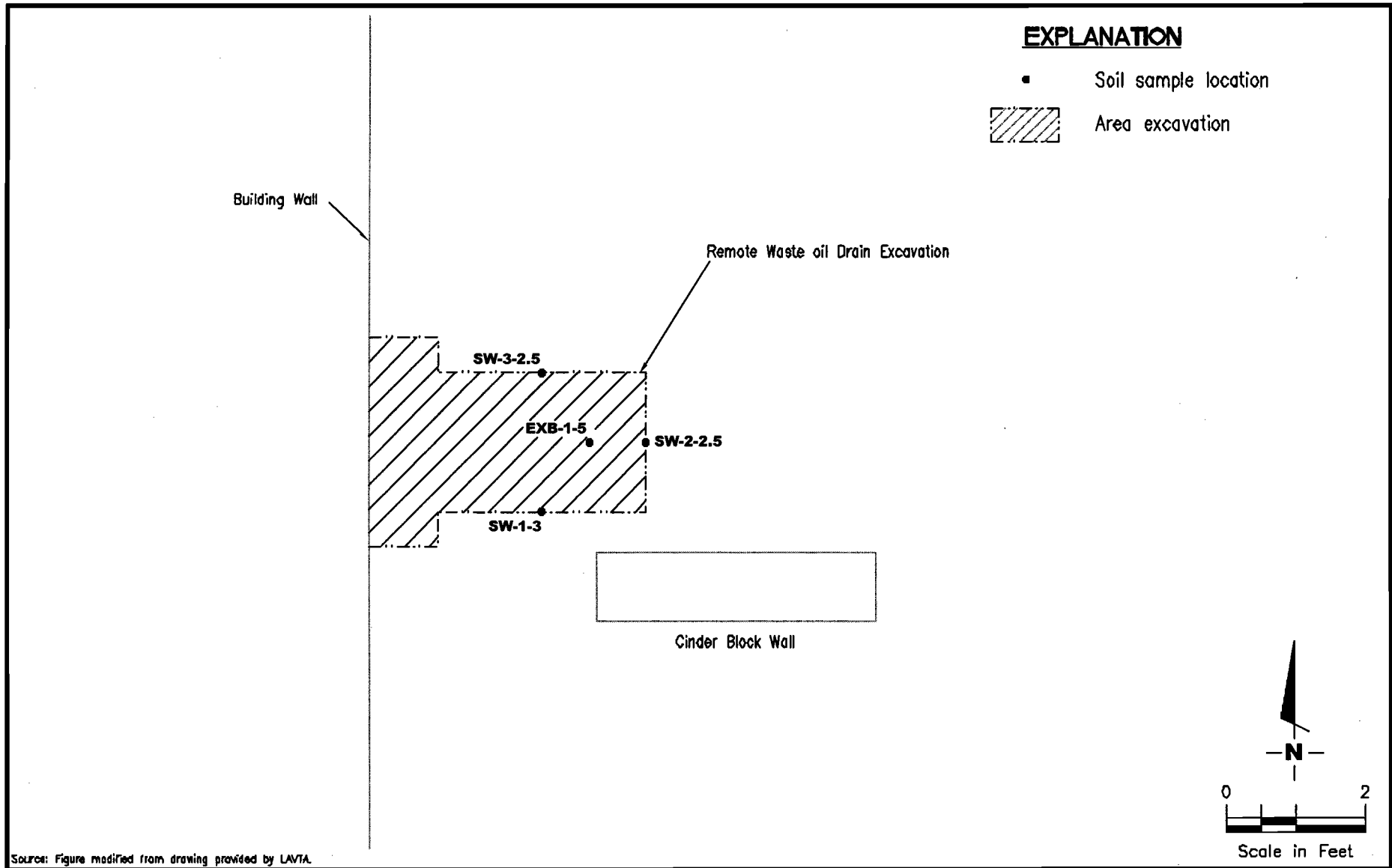
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B1 ACC Soil Boring Location

●

Source: Gettler-Ryan, Inc. map dated 01/11/07

Title: Site Plan 1362 Rutan Drive Livermore, California	
Figure Number: 2	Scale: 1" = 2'
Project Number: 2052-001.00	Drawn By: KRB
7977 Capwell Drive, Suite 100 Oakland, California 94621 (510) 638-8400 Fax: (510) 638-8404	



Source: Figure modified from drawing provided by LAVTA.

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DETAIL 'A'
 MV Transportation
 1362 Rutan Drive
 Livermore, California

FIGURE
2

PROJECT NUMBER
 10-054208.1

REVIEWED BY

DATE
 January 11, 2007

REVISED DATE

Table 1
 Soil Chemical Analytical Results
 MV Transportation
 1362 Rutan Drive
 Livermore, California

Sample ID	Sample Depth (ft)	Sample Date	TPHg (ppm)	B (ppm)	T (ppm)	E (ppm)	X (ppm)	MtBE (ppm)	DIPE (ppm)	ETBE (ppm)	TAME (ppm)	TBA (ppm)
<u>Remote Waste Oil Drain Excavation</u>												
EXB-1-5	5.0	12/18/06	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SW-1-3	3.0	12/18/06	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SW-2-2.5	2.5	12/18/06	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SW-3-2.5	2.5	12/18/06	0.56¹	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
<u>Excavation Stockpile</u>												
SP1(A-B)	--	12/18/06	1.2¹	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.016
Sample ID	1,2-DCA (ppm)	1,2-DBA (ppm)	TPHd (ppm)	O&G (ppm)	VOCs (ppm)	SVOs (ppm)	PCBs (ppm)	CAM Metals (ppm)				
<u>Remote Waste Oil Drain Excavation</u>												
EXB-1-5	<0.0050	<0.0050	1.8²	29.7	NA	ND ⁸	NA	See Notes ³				
SW-1-3	<0.0050	<0.0050	4.2²	27.0	NA	ND ⁸	NA	See Notes ⁴				
SW-2-2.5	<0.0050	<0.0050	2.9²	<10	NA	ND ⁸	NA	See Notes ⁵				
SW-3-2.5	<0.0050	<0.0050	2,700²	8,840	NA	ND ⁹	NA	See Notes ⁶				



Table 1
 Soil Chemical Analytical Results
 MV Transportation
 1362 Rutan Drive
 Livermore, California

Sample ID	1,2-DCA (ppm)	1,2-DBA (ppm)	TPHd (ppm)	O&G (ppm)	VOCs (ppm)	SVOs (ppm)	PCBs (ppm)	CAM Metals (ppm)
<u>Excavation Stockpile</u>								
SP1-A,B	<0.0050	<0.0050	4,500 ²	4,440	ND ⁸	ND ⁸	ND ⁸	See Notes ⁷

Notes:

¹ The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard.

Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

² Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples EXB-1-5, SW-1-3, SW-2-2.5, SW-3-2.5, and SP1-A,B. These hydrocarbons are higher boiling than typical diesel fuel.

³ Cd = <0.500 ppm, Cr = 45.8 ppm, Pb = 4.02 ppm, Ni = 99.1 ppm, Zn = 34.7 ppm

⁴ Cd = <0.500 ppm, Cr = 46.5 ppm, Pb = 4.02 ppm, Ni = 106 ppm, Zn = 33.8 ppm

⁵ Cd = <0.500 ppm, Cr = 47.2 ppm, Pb = 4.44 ppm, Ni = 101 ppm, Zn = 34.4 ppm

⁶ Cd = <0.500 ppm, Cr = 44.8 ppm, Pb = 4.00 ppm, Ni = 101 ppm, Zn = 33.3 ppm

⁷ Cd = <0.500 ppm, Cr = 45.8 ppm, Pb = 4.21 ppm, Ni = 96.7 ppm, Zn = 37.2 ppm

⁸ All analytes were ND or less than their respective reporting limits

⁹ With the exception of 0.96 ppm of Bis(2-Ethylhexyl) Phthalate, all other analytes were ND or less than their respective reporting limits

Explanation:

mg/kg = milligram/kilogram (ppm)

ft = feet

ppm = parts per million

Analytical Laboratory:

Kiff Analytical LLC (ELAP # 2236)

Table 1
Soil Chemical Analytical Results
MV Transportation
1362 Rutan Drive
Livermore, California

Explanation: (cont.)

NA = Not Analyzed
-- = Not Applicable
TPHg = Total Petroleum Hydrocarbons as gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
MtBE = Methyl tert-Butyl Ether
DIPE = Di-isopropyl Ether
ETBE = Ethyl Tert-butyl Ether
TAME = Tert-Amyl Methyl Ether
TBA = Tert-Butanol
1,2-DCA = 1,2-Dichloroethane
1,2-DBA = 1,2-Dibromoethane
TPHd = Total Petroleum Hydrocarbons as diesel
O&G = Total Oil & Grease
VOCs = Volatile Organic Compounds
SVOs = Semi-Volatile Organics
PCBs = Polychlorinated Biphenyls
Cam Metals = Cadmium (Cd), Chromium (Cr), Lead (Pb), Nickel (Ni), and Zinc (Zn)
ND = not detected for the parameter analyzed at the reporting limit

Analytical Methods:

BTEX/MtBE/DIPE/ETBE/TAME/TBA/1,2-DCA/1,2-DBA by EPA Method 8260B
TPHg and TPHd by modified EPA Method 8015
O&G by EPA Method 413.1M with silica gel treatment prior to analysis
SVOs by EPA Method 8270C
VOCs by EPA Method 8260B
PCBs by EPA Method 8082
CAM Metals by EPA Method 6010B

nondetect (less than 10 µg/L), and VOCs were not reported above the reporting limit (typically 1.0 to 2.0 µg/L). Petroleum hydrocarbon analytical results are summarized in Table 2 and VOC analytical results are summarized in Table 3.

A copy of the analytical results and chain of custody record is included as Appendix 5.

TABLE 1 – SOIL TEPH ANALYTICAL RESULTS

Sample ID	Sample Depths (feet bgs)	TEPH-Diesel (mg/kg)	TEPH-Motor Oil (mg/kg)
B1-3.0	2.5-3.0	1.1	<50
B1-5.0	4.5-5.0	<1.0	<50
B1-8.0	7.5-8.0	<1.0	<50
B2-6.0	5.5-6.0	2.4	<50
B2-9.0	8.5-9.0	1.6	<50
B3-5.5	5.0-5.5	2.9	<50
B3-9.0	8.5-9.0	1.9	<50
B4-3.0	2.5-3.0	<1.0	<50
B4-8.0	7.5-8.0	<1.0	<50

Notes: mg/kg = milligrams per kilogram
< = Not detected above laboratory reporting limit

TABLE 2 - GROUNDWATER TPH ANALYTICAL RESULTS

Well Number	TEPHd (µg/L)	TEPHmo (µg/L)	MTBE (µg/L)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
B4-W	130	<890	<10	<50	<1.0	<1.0	<0.50	<2.0

Notes: µg/L micrograms per liter (approximately equivalent to ppb)
ND Not detected above laboratory reporting limit
< Concentration is below the reporting limit of the lab

TABLE 3 – GROUNDWATER VOC ANALYTICAL RESULTS

Sample ID	Sample Depth (ft) bgs	VOCs (µg/L)
B4-W	28.0	<RL

Notes: All water results reported in micrograms per Liter (µg/L)
< Sample result less than the laboratory minimum detection limit indicated



Soil Color <u>Color Code</u> (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	EQUIPMENT: Geoprobe Hydraulic Sampling Device OPERATED BY: Environmental Control Associates LOGGED BY: David DeMent, PG LOCATION: 1362 Rutan Drive, Livermore, CA WORK DATE: 01/23/08 BORING: B2
5Y-4/4				0	Concrete Pavement (8") and baserock
	0.1			2	Sand Fill, uniform backfill material, no odor, or discoloration noted
	0.1	B2-6.0		4	
	0.2	B2-9.0		6	Silt (ML), brown, medium stiff, uniform, slightly plastic, damp, no odor or discoloration
				8	Silt (ML), olive brown to brown, medium stiff, uniform, non-plastic, damp, no odor or discoloration
TOTAL DEPTH OF BORING: 9.0 feet bgs					
ACC Environmental Consultants, Inc. 7977 Capwell Drive, Suite 100 Oakland, California 94621 (510)638-8400 FAX: (510)638-8404					Project Number: 2052-001.00 Date: 01/23/08 Title: LOG OF BORING B2 1362 Rutan Drive Livermore, California

Soil Color <u>Color Code</u> (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	EQUIPMENT: Geoprobe Hydraulic Sampling Device OPERATED BY: Environmental Control Associates LOGGED BY: David DeMent, PG LOCATION: 1362 Rutan Drive, Livermore, CA WORK DATE: 01/23/08 BORING: B4
				0	Concrete Pavement (8") and baserock
10YR-3/3		B4-3.0		2	Silt (ML), dark brown, medium stiff, uniform, v slightly plastic, some disseminated sand, damp, no odor or discoloration
	0.2			4	Silt (ML), as above, grading to olive brown
5Y-4/4				6	
	0.1			8	Silt (ML), olive brown with reddish brown mottling, medium stiff, uniform, non-plastic, damp, no odor or discoloration
	0.4	B4-8.0		8	
5Y-4/4 - 10YR-5/4				10	Silt (ML), olive to yellow brown, as above, 5-10% fine to medium grain gravel, angular to subangular
	0.1			12	
				14	Silty Gravel (GM), yellow brown, 20-30% non-plastic fines, 10-20% medium to coarse grain sand, angular to subangular gravel, medium dense to loose, damp, no odor or discoloration
	0.1			16	
				18	Silty Gravel (GM), as above, 10-20% non-plastic fines, poorly sorted mixture, medium estimated permeability, no odor or discoloration
	0.1			20	
				22	Silty Gravel (GM), as above, light olive green, approx. 33/33/33% mixture of fines, sand, and gravel, no odor or discoloration
5Y-6/3				24	Silty Clay (CL), olive, medium stiff to stiff, medium to high plasticity, uniform, moist, no odor or discoloration
				26	Silty Clay (CL), as above, moisture content increasing with depth
2.5Y-4/4				28	Sand (SP), olive, medium to coarse, some disseminated fine grain gravel, trace fines, poorly sorted, saturated
					TOTAL DEPTH OF BORING: 28.0 feet bgs
ACC Environmental Consultants, Inc. 7977 Capwell Drive, Suite 100 Oakland, California 94621 (510)638-8400 FAX: (510)638-8404			Project Number: 2052-001.00		Title: LOG OF BORING B B4 1362 Rutan Drive Livermore, California
			Date: 01/23/08		