LOUIS A. RICHARDSON
Consulting Engineering Geologist
202 Jason Way
Mountain View, California 94043
(415) 967-1000

LETTER OF TRANSMITTAL

DATE: June 15, 1989

ATTENTION: Rafat A. Shahid

RE: Unauthoriaed Leak Release
Underground Tank
5787 Scarlet Court
Dublin, CA
(Lew Doty Property)

TO:
Alameda County
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

WE ARE SENDING ☒ ATTACHED ☐ UNDER SEPARATE COVER VIA _____:

- ☐ SAMPLES
- ☐ LITERATURE
- ☐ PLANS
- ☐ PRINTS
- ☐ SHOP DRAWINGS
- ☐ ENGINEERING DRAWINGS
- ☐ CHANGE ORDERS
- ☐ LETTERS
- ☐ CONTRACTS
- ☒ OTHER Progress Report and Work Plan.

COPIES	DATE	NO	DESCRIPTION
1	6/12/89		Report

THESE ARE BEING SENT:

- ☐ FOR YOUR APPROVAL
- ☐ FOR YOUR USE
- ☒ FOR YOUR REVIEW
- ☐ FOR YOUR COMMENTS
- ☐ FOR YOUR SIGNATURE
- ☐ FOR YOUR _____
- ☐ APPROVED AS NOTED
- ☐ APPROVED AS SUBMITTED
- ☐ APPROVED AS CHANGED
- ☐ REJECTED AS NOTED
- ☐ REJECTED AS CHANGED
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NOTES: Transmitted at the request of Lew Doty.

COPY TO: Lew Doty

SIGNATURE: L. Richardson

TITLE: CEG 1085

ALAMEDA COUNTY
DEPT. OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS
6/15/89

LOUIS A. RICHARDSON
Consulting Engineering Geologist
202 Jason Way
Mountain View, California 94043 (415) 967-1000

Registered Geologist • Certified Engineering Geologist • California and Oregon

June 12, 1989

Proj. No. 336.48

Lew Doty Cadillac
6301 Scarlett Court
Dublin, California 94568

Attention: Mr. Lew Doty

Re: **Progress Report and Work Plan for Site of Unauthorized Release from Underground Fuel Tanks at 5787 Scarlett Court Dublin, California**

Gentlemen:

INTRODUCTION

Pursuant to your request, this report presents a summary of work performed to date at the above-referenced site of two underground fuel tanks on property owned by your firm. Included is a description of the site and hydrogeologic setting, an outline of the known site history and a proposed plan for characterizing the extent of soil and groundwater contamination. Also included are results of laboratory tests performed to date on soil and water at the site, and various correspondence, permit and related material regarding work that has been performed at the site. This report is intended to provide information requested of you by the Alameda County Health Care Services Agency, Hazardous Materials Division.

SITE CONDITIONS

Site Description

As shown on the Site Location Map, Drawing No. 1 in the Appendix to this report, the subject site is located about 1800 feet east of the intersection of Interstate Highway 580 and Dougherty Road on the east edge of the City of Dublin, California. The property is a "flag" lot at 1587 Scarlett Court, north of the 84 Lumber Co. building, with access from Scarlett Court by a driveway on the west side of the lumber company.

The only structure on the site is a one-story, metal warehouse building that is located at the end of the driveway, near the center of the property. The site of the subject fuel tanks is in a paved area west of the metal building and the location of the adjacent dispenser island is near the eastern property line. The described site features are shown on the Site Plan, Drawing No. 2.

The flat-lying, triangular-shaped parcel is bounded on the east side by an unlined drainage ditch adjacent to an old Southern Pacific Railroad grade, which separates the site from vacant land at the inactive Camp Parks military facility. The west side of the property is bounded by a concrete box channel that carries surface runoff from surrounding areas. The 84 Lumber Company property is on the south side of the parcel. With the exception of narrow planter areas for landscaping, the property is entirely paved with asphalt.

A water well exists immediately adjacent to the east side of the existing building. The well is labeled 3S/1E-6G5 and is listed with the Alameda County Flood Control and Water Management District. Communications with that district indicate that the well was installed on June 30, 1969 and has a total depth of 200 feet. Perforations are at 103 to 106 feet and 173 to 178 feet. Depth and type of seal is not known. The last recorded depth to water was 17.8 feet, on March 28, 1988. The declared use at the time of installation was landscape irrigation.

Topographic Setting

The site is situated on a broad, flat alluvial plain in the east portion of the San Ramon Valley. Regionally, the ground surface slopes gently to the southwest, toward the central portion of the valley from the flanking hills about one mile northeast.

Geologic Conditions

The site location is at the southern end of the San Ramon Valley near its confluence with the Livermore Valley, a broad, east-west trending structural basin. These intermontane valleys within the Diablo Range are filled with considerable thicknesses of alluvial deposits of recent age. The sediments generally consist of gravel, sand, silt and clay that were laid down in lakes, swamps and streams emerging from the surrounding highlands. Basement rock formations that are exposed on the flanking hills and mountains are mantled in the central portion of the valley by a several hundred feet of the alluvial materials.

Soil Survey Maps by the U.S. Department of Agriculture indicate that surficial soil in the site area is known as Clear Lake Clay, which has slow permeability and high available water holding capacity.

Hydrogeologic Conditions

The Dublin area is within the San Ramon subbasin of the Livermore Valley groundwater basin, which has two principal water-bearing formations. Some water pumped from wells in the basin is derived from the Livermore gravel formation, but most comes from a more permeable, overlying alluvial formation. The San Ramon groundwater subbasin, where the site is located, is completely overlain by a thick, relatively impermeable clay barrier, or aquiclude, restricting vertical movement of surface water and shallow groundwater into the underlying, water-bearing aquifers.

Shallow groundwater in the area is sometimes tapped by domestic wells, but is not generally utilized for municipal purposes. The shallow groundwater in the site vicinity is estimated to flow to the southwest, following local topographic trends. Groundwater flow in the underlying alluvial formation is also to the southwest.

BACKGROUND

Site History

Based on information that has been provided regarding the site history, the subject property was acquired by Lew Doty Cadillac about three years ago. The previous tenant on the land was the Demar Plastering Company. The two 12,000 gallon, steel underground gasoline tanks were utilized by that company for fueling vehicles, but the tanks and the property have not been used since transfer of ownership to Lew Doty Cadillac.

Release Discovery

A subsurface investigation was performed at the site in June, 1988 by Certified Engineering and Testing Co., who were retained by the Law Firm of Broad, Schultz, Larson and Wineberg for the purposes of a site assessment. That investigation detected the presence of petroleum hydrocarbons and purgeable aromatic compounds in the soil and groundwater in the immediate vicinity of the gasoline tanks. The physical extent of the contamination was not determined at that time.

Immediate Source Removal (Tanks and Soils)

The two underground storage tanks were removed from the site on October 28, 1988 by Atlas Hydraulic Corporation. At that time it was observed that the tanks had been holed by corrosion and that soils and shallow groundwaters adjacent to, and beneath the tanks were contaminated with petroleum product. The total quantity of lost product is not known. A total of approximately 10,000 gallons of contaminated water was vacuumed from the bottom of the excavation on November 3 and 7, 1988 and transported to an approved disposal site. About 200 cubic yards of contaminated soils generated from the tank excavation were

spread out and aerated on paved parking areas of the subject property. That work is summarized in a letter from Atlas Hydraulic Corporation to Mr. Lew Doty, dated November 18, ~~1989~~ 1988, a copy of which is included in the appendix to this report.

Sampling by Trace Analysis Laboratory, Inc., indicated that, by mid-December ~~1989~~ 1988, the total petroleum hydrocarbon content, calculated as gasoline, of the stockpiled soil was decreased by aeration to less than 100 parts per million (ppm) from originally measured concentrations of up to 1,100 ppm. Permission was requested, by letter to the County Department of Environmental Health on January 9, 1989, to use the aerated soil as backfill in the excavation. Authorization was received from the Alameda County Hazardous Materials officer, in a letter dated March 3, 1989, to use the aerated soil for that purpose. As requested by the County at that time, an unauthorized release form was obtained and submitted on March 16, 1989.

Groundwater had infiltrated the initial excavation, after vacuum removal of the original contaminated water, to a standing level of about 7.5 feet. It was necessary to again dewater the excavation, which was up to 14 feet deep, prior to backfilling. Chemical analyses performed on that groundwater indicated only trace amounts of contamination and it was discharged into the sanitary sewer after a permit was received from the Dublin-San Ramon Sanitary Services District. Backfilling of the original excavation was completed on about April 10, 1989.

During the period of April 15 through April 20, 1989, Atlas Hydraulic Corporation enlarged the perimeter of the excavation by excavating an additional 300 cubic yards of contaminated soils to the depth of groundwater. Because of space constraints on site for aerating soil, the contractor indicates that this is the maximum amount that can be excavated at one time. Those soils were spread on the paved areas of the site for treatment by aeration and were sampled by Trace Analysis Laboratory on May 31, 1989 to determine if hydrocarbon levels are now below 100 ppm. We are presently awaiting the test results of those samples. If the levels are acceptable County Agency, the soils will be used as backfill in the excavation, as before. NO.

Tests of the present excavation sidewalls show existing contamination levels to be about 960 ppm on the eastern side, which is constrained from further excavation by a high pressure water line in an easement along the east property line. Contamination levels elsewhere on the excavation sidewalls are between 59 and 210 ppm, indicating that some further excavation may be necessary if it is required to remove all assessable soils containing above 100 ppm total hydrocarbons.

WORK PLAN

Immediate Source Removal

To date, the objective of work performed at this site has been to remove the immediate source of contamination (i.e. tanks and lines) and any accessible, contaminated soils that may have a potential for leaching the petroleum product into ground or surface water. As the soils have been excavated, they have been spread on site and aerated to very low levels of contamination (<100 ppm as specified by Alameda County), then replaced in the excavation. Due to space constraints on the site for aeration, this work has been done in phases.

Sampling of the walls of the latest extent of the excavated pit indicates that contamination levels are falling as the excavated area expands, but some areas are still above 100 ppm. The present aerated stockpile has been sampled, but test results are not yet available. When the stockpile is determined to have aerated to acceptable levels (<100 ppm), probably within the next two weeks and with authorization with the County, it will be replaced in the pit. Where feasible, it is planned to continue to remove the unexcavated soils until clean. It should be noted that the east side of the pit can not be extended further, due to a high pressure water line and the limits of the property.

no replacement of soil in pit

Preliminary Site Assessment

When further excavation is no longer necessary or feasible, it is proposed to perform a preliminary site assessment to determine whether or not groundwater has been impacted, beginning with testing of the existing well and the installation of one monitoring well in the probable downgradient direction. The shallow groundwater gradient in the area, based on topography and observations of groundwater in the excavated pit, is estimated to be in a southwesterly direction, as shown on Drawing No. 2.

A total of three monitoring wells are usually required to verify the hydraulic gradient. If this is necessary, a decision will be made, based on the amount of contamination indicated by the first well, whether to perform a soil gas survey by the PETREX method before installing further wells. Such a survey will facilitate plume definition for locating wells efficiently.

3 wells needed

Sampling

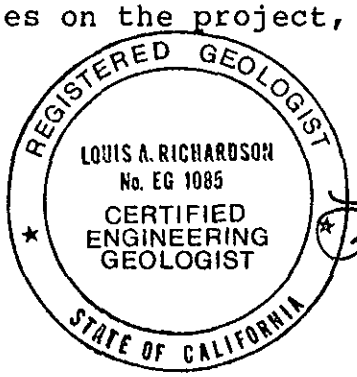
Sampling of the walls of the excavation and stockpiles, and testing for petroleum hydrocarbons, has been performed by Trace Analysis Laboratory, a State of California Certified Laboratory. The samples were collected in thin-walled, brass cylinders, the ends sealed with aluminum foil and capped with

polyethylene lids, then taped, labeled and refrigerated for delivery to the laboratory. Chain of custody forms were used throughout. This procedure will continue to be followed during any necessary soil sampling.

CLOSURE

A copy of this report should be submitted to the Alameda County Health Care Services Agency, Hazardous Materials Division. After the excavation of contaminated soil is completed, a detailed proposal outlining proposed monitoring well locations and construction methods, soil gas survey procedures, sampling methods and procedures, and subcontractors can be prepared for submission to the County.

Thank you for the opportunity to be of assistance in this matter. Please feel free to call when you require further services on the project, or if you have any questions.

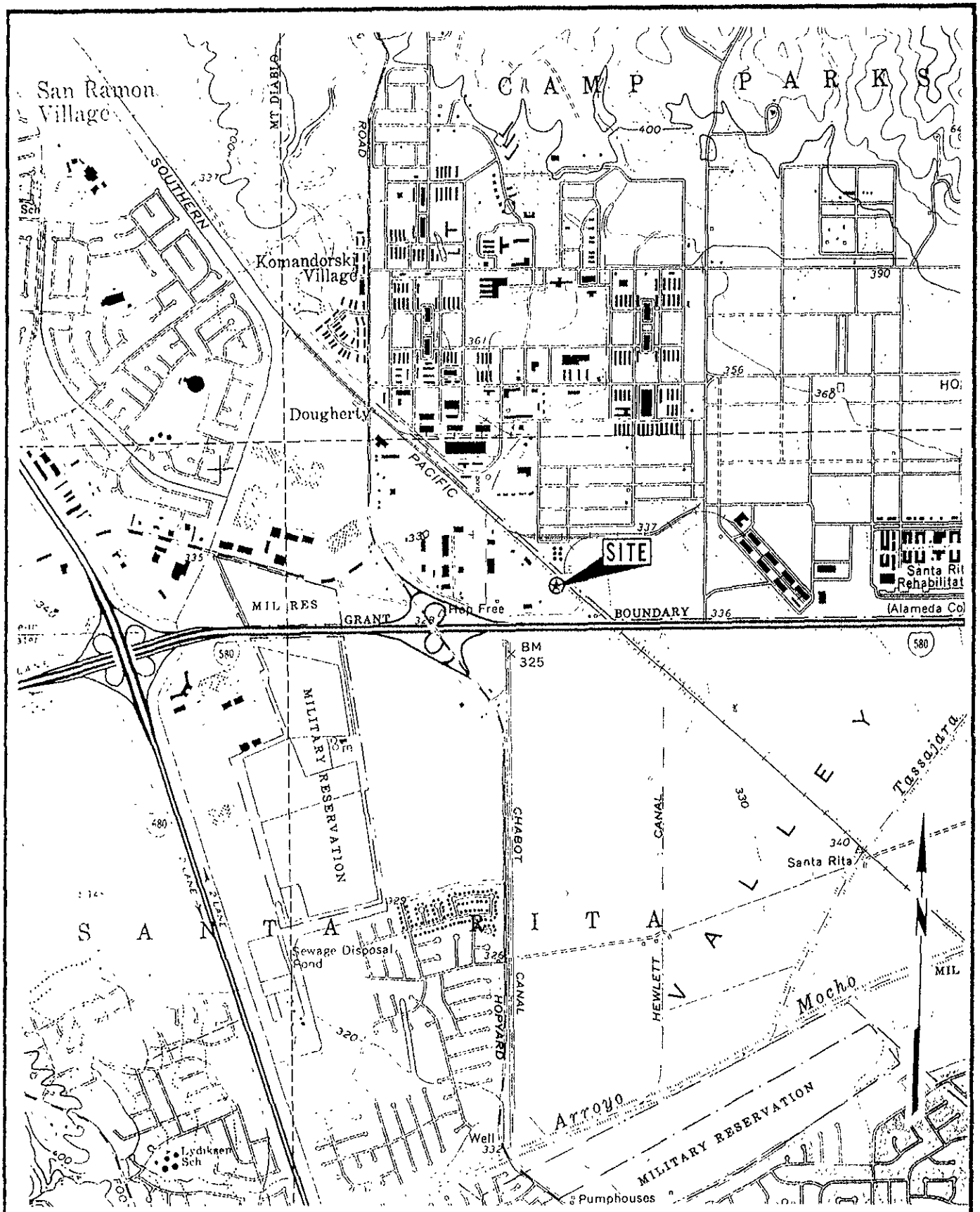


Louis A. Richardson

Certified Engineering Geologist
No. EG 1085

LAR:ka

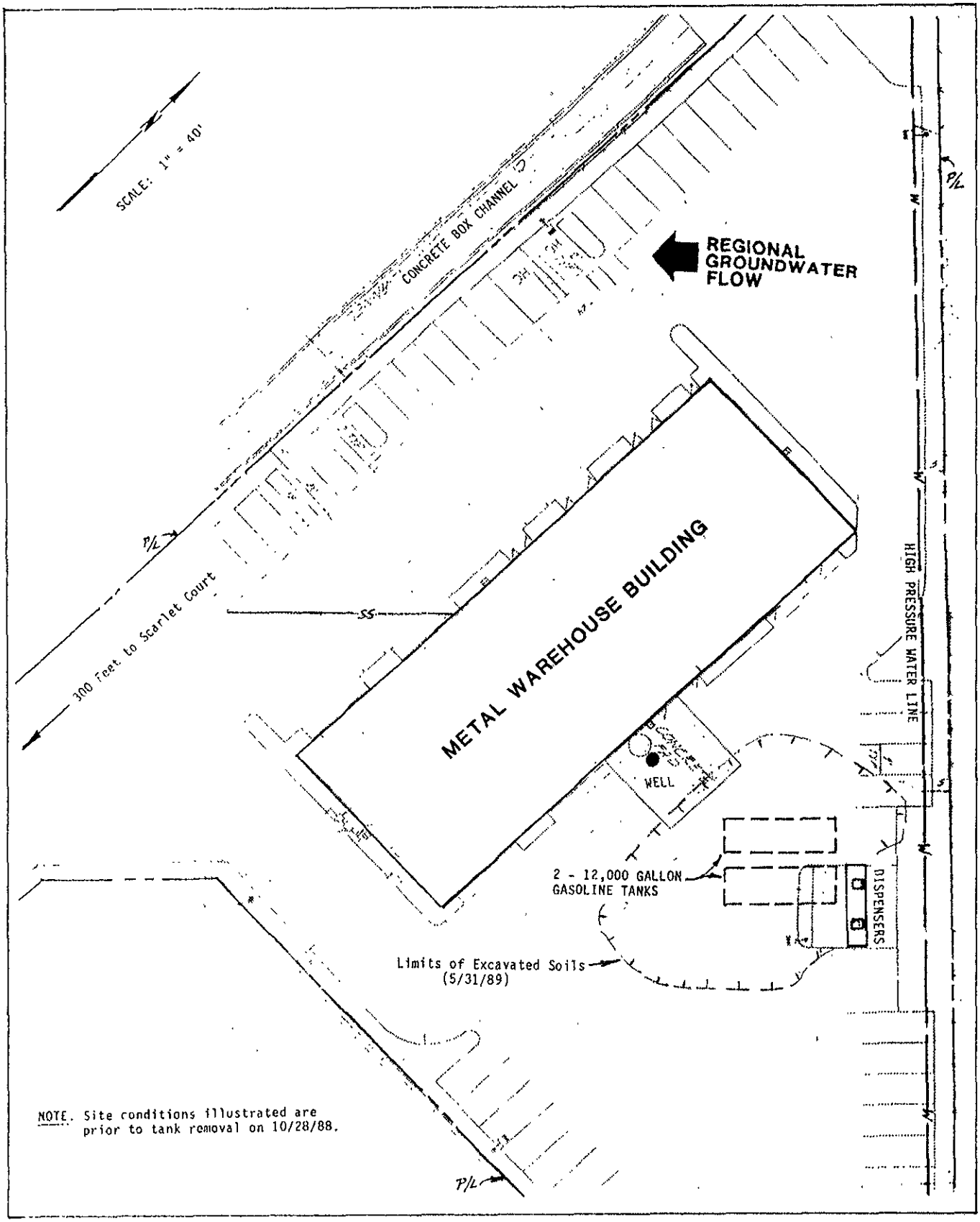
Appendix



BASE: USGS Dublin 7.5' Quadrangle

SCALE: 1" = 2000'

	5787 Scarlett Court Dublin, CA	**SITE LOCATION MAP**		
	LOUIS A. RICHARDSON Consulting Engineering Geologist	PROJECT NO 336.48	DATE June, 1989	DRAWING NO. 1



	5787 Scarlet Court Dublin, CA	SITE PLAN		
	LOUIS A. RICHARDSON Consulting Engineering Geologist	PROJECT NO.	DATE	DRAWING NO.
		336.48	June 1989	2

APPENDIX

- LABORATORY TEST RESULTS
- CORRESPONDENCE

SUMMARY OF LABORATORY TEST RESULTS (cont'd)

Aerated Stockpile from Initial Tank Excavation

(date sampled, **12/19/88**

Soil

Sample No.		Concentration (ppm)
	Total Petroleum - gasoline	
# 12	(East End - east pile)	ND
# 13	(East Center - east pile)	16
# 14	(West Center - east pile)	84
# 15	(West End - east pile)	84
# 16	(North End - west pile)	ND
# 17	(South End - west pile)	ND

Groundwater that infiltrated excavation after removal of original standing water.

(Date sampled, **2/22/89**)

	Sample No.		Concentration (ppm)
Water	# 18		
		Total Petroleum - gasoline	.0077
		Benzene	.00081
		Toluene	.00057
		Xylenes	.00092
		Ethyl Benzene	<.0004
	# 19	Total Petroleum - gasoline	.016
		Benzene	.00072
		Toluene	.00056
		Xylenes	.00061
		Ethyl Benzene	<.0004

Walls of Second Phase Excavation

(date sampled, **4/19/89**)

Soil

Sample No.		Concentration (ppm)
	Total Petroleum - gasoline	
# 20	(Southwest Corner)	59
# 21	(Northwest Corner)	210
# 22	(Northeast Corner)	960
# 23	(Southeast Corner)	210

Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545 *(415) 783-6960*

TAL

DATE: 11/1/88

LOG NO.: 6585

DATE SAMPLED: 10/28/88

DATE RECEIVED: 10/28/88

CUSTOMER: Atlas Hydraulic Corporation

REQUESTER: Bill Bender

PROJECT: 5787 Scarlet Court, Dublin, CA

Sample Type: Soil

Method and Constituent	Units	No. 1 Concentration	No. 1 Detection Limit	No. 3 Concentration	No. 3 Detection Limit	No. 4 Concentration	No. 4 Detection Limit
DHS Method:							
Total Petroleum Hydrocarbons as Gasoline	ug/kg	1,100,000	6,000	1,100,000	6,000	500,000	6,000
Modified EPA Method 8020:							
Benzene	ug/kg	23,000	700	9,500	700	67,000	700
Toluene	ug/kg	8,200	90	15,000	90	370	90
Xylenes	ug/kg	26,000	400	54,000	400	1,900	400
Ethyl Benzene	ug/kg	13,000	100	19,000	100	12,000	100

DATE: 11/1/88
LOG NO.: 6585
DATE SAMPLED: 10/28/88
DATE RECEIVED: 10/28/88
PAGE: Two

Sample Type: Soil

Method and Constituent	Units	No. 6 Concentration	No. 6 Detection Limit
DHS Method:			
Total Petroleum Hydrocarbons as Gasoline	ug/kg	3,400,000	60,000
Modified EPA Method 8020:			
Benzene	ug/kg	380,000	7,000
Toluene	ug/kg	100,000	900
Xylenes	ug/kg	200,000	4,000
Ethyl Benzene	ug/kg	21,000	1,000

DATE: 11/1/88
LOG NO.: 6585
DATE SAMPLED: 10/28/88
DATE RECEIVED: 10/28/88
PAGE: Three

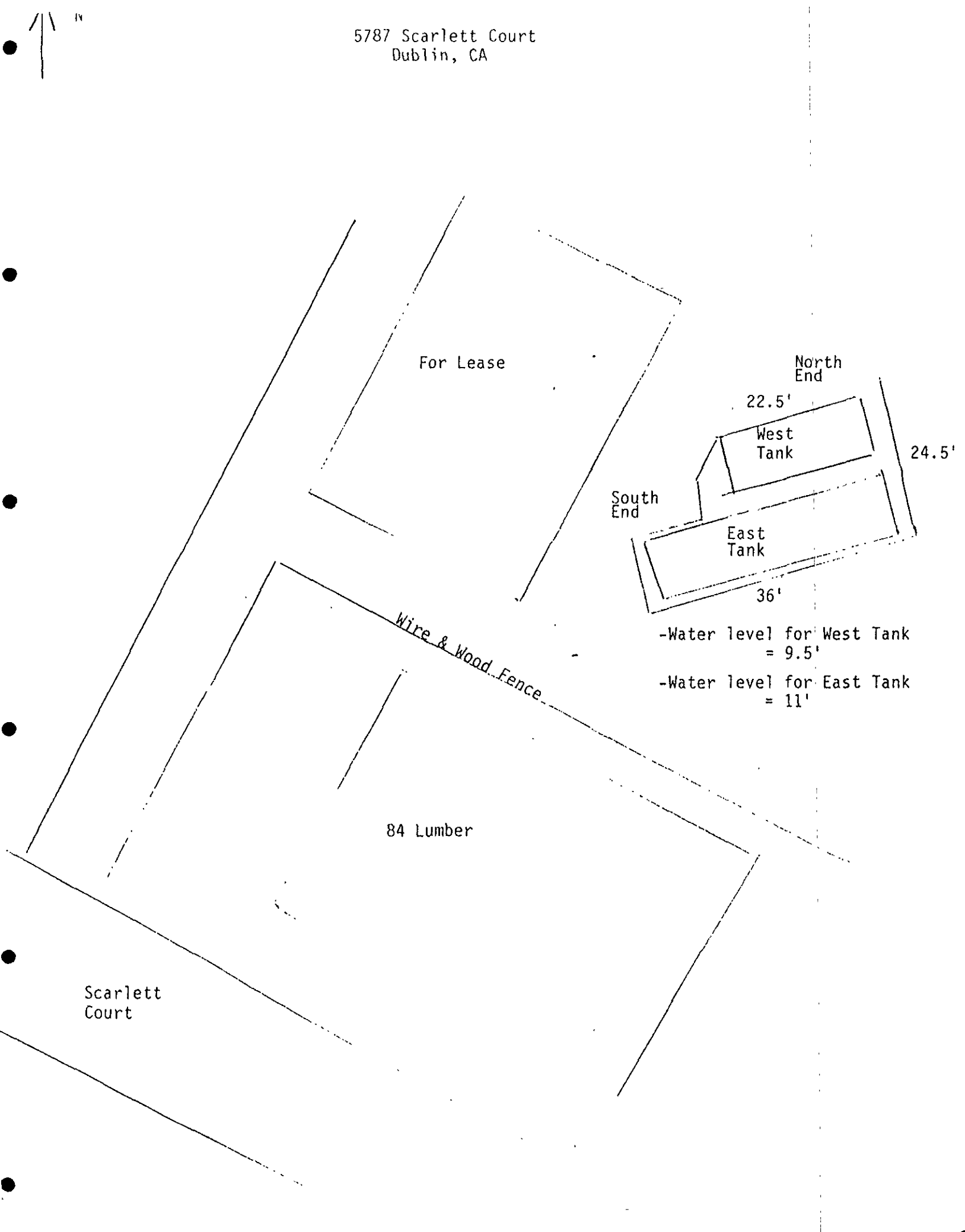
Sample Type: Water

Method and Constituent	Units	No. 2 Concentration	No. 2 Detection Limit	No. 5 Concentration	No. 5 Detection Limit
DHS Method:					
Total Petroleum Hydrocarbons as Gasoline	ug/l	350,000	10,000	180,000	20,000
Modified EPA Method 8020:					
Benzene	ug/l	11,000	700	27,000	1,000
Toluene	ug/l	8,300	600	4,000	1,000
Xylenes	ug/l	22,000	1,000	16,000	2,000
Ethyl Benzene	ug/l	7,300	800	7,200	2,000

Hugh R. McLean
Supervisory Chemist

HRM:mln

5787 Scarlett Court
Dublin, CA



-Water level for West Tank = 9.5'

-Water level for East Tank = 11'

Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545
(415) 783-6960

Log 6585

TAL

CHAIN OF CUSTODY RECORD

PROJ. NO. | PROJECT NAME: ~~SF~~ Atlas Hydr. 5787 Scarlett Ct Dublin, CA

SAMPLERS: (Signature) (TAL) [illegible]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TPH-G / BTXE	REMARKS
1	10/28	1625		✓	North End, West Tank	1	✓	All Samples highly Contam. soil at H2O Level
2				✓	West Tank	2	✓	(VOA's) H2O
3				✓	South End, West Tank	1	✓	soil
4				✓	North End, East Tank	1	✓	soil
5				✓	East Tank	2	✓	(VOA's) H2O
6				✓	South End, East Tank	1	✓	soil
								1 Day TAT as per Tex 9a 10/28/88

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

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TAL

DATE: 11/10/88

LOG NO.: 6618

DATE SAMPLED: 11/7/88

DATE RECEIVED: 11/7/88

CUSTOMER: Atlas Hydraulic Corporation

REQUESTER: Bill Bender

PROJECT: 5787 Scarlet Court, Dublin, CA

		Sample Type: Soil			
		No. 8		No. 9	
Method and Constituent	Units	Concentration	Detection Limit	Concentration	Detection Limit
DHS Method:					
Total Petroleum Hydrocarbons as Gasoline	ug/kg	740,000	30,000	1,500,000	30,000
Modified EPA Method 8020:					
Benzene	ug/kg	18,000	1,000	29,000	1,000
Toluene	ug/kg	36,000	800	39,000	800
Xylenes	ug/kg	65,000	4,000	94,000	4,000
Ethyl Benzene	ug/kg	16,000	1,000	27,000	1,000

DATE: 11/10/88
LOG NO.: 6618
DATE SAMPLED: 11/7/88
DATE RECEIVED: 11/7/88
PAGE: Two

Sample Type: Soil

Method and Constituent	Units	No. 10 Concentration	No. 10 Detection Limit	No. 11 Concentration	No. 11 Detection Limit
DHS Method:					
Total Petroleum Hydrocarbons as Gasoline	ug/kg	610,000	30,000	2,200,000	30,000
Modified EPA Method 8020:					
Benzene	ug/kg	11,000	1,000	46,000	1,000
Toluene	ug/kg	16,000	800	70,000	800
Xylenes	ug/kg	11,000	4,000	210,000	4,000
Ethyl Benzene	ug/kg	14,000	1,000	62,000	1,000

DATE: /10/88
LOG NO.: 0018
DATE SAMPLED: 11/7/88
DATE RECEIVED: 11/7/88
PAGE: Three

Sample Type: Water

Method and Constituent	Units	No. 7 Concentration	Detection Limit
DHS Method:			
Total Petroleum Hydrocarbons as Gasoline	ug/l	32,000	10,000
Modified EPA Method 8020:			
Benzene	ug/l	5,500	200
Toluene	ug/l	3,100	100
Xylenes	ug/l	7,000	200
Ethyl Benzene	ug/l	750	200

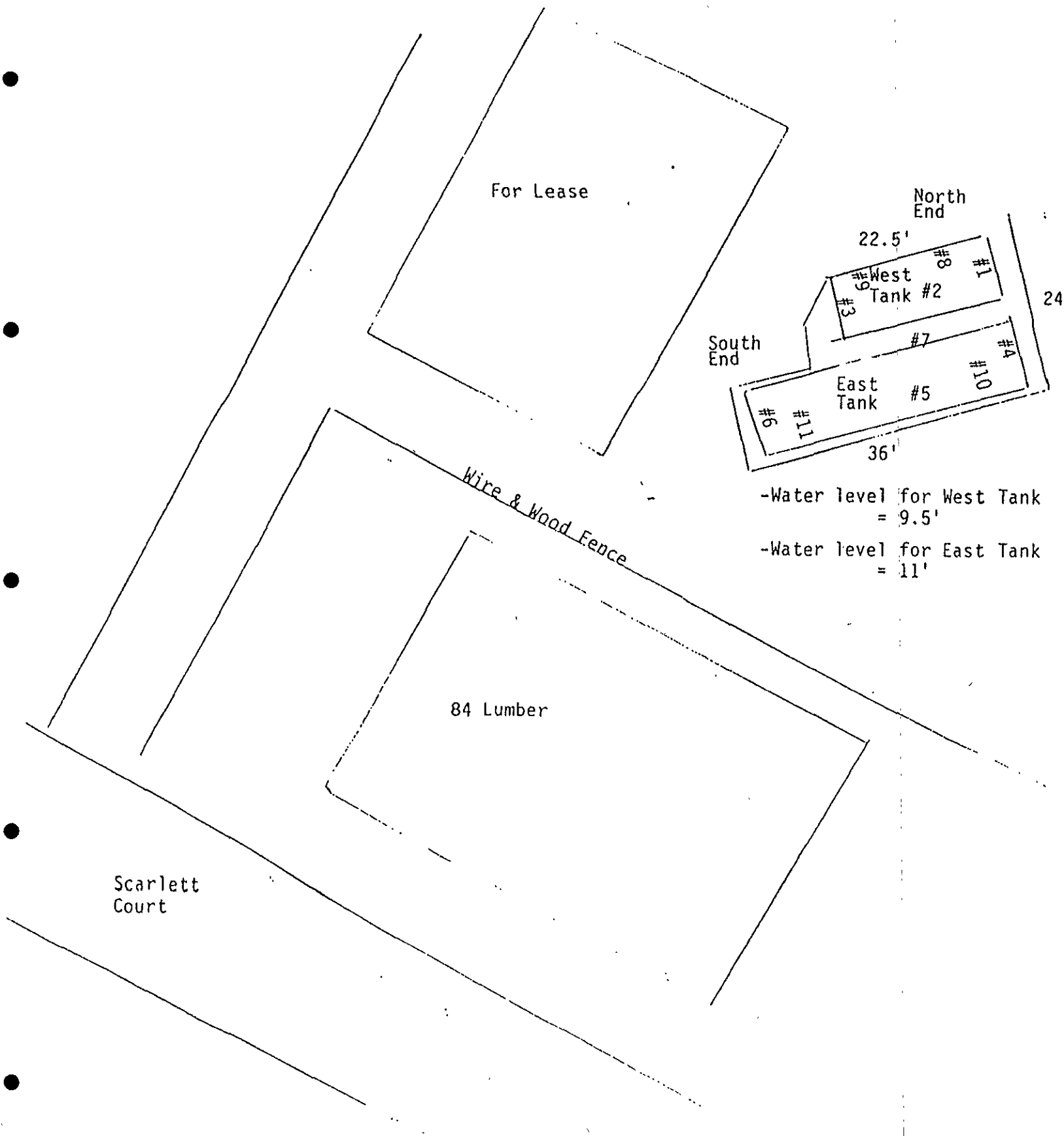
Hugh R. McLean

Hugh R. McLean
Supervisory Chemist

HRM:mln

N

5787 Scarlett Court
Dublin, CA



-Water level for West Tank = 9.5'

-Water level for East Tank = 11'

Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545 (415) 783-6960

6-

CHAIN OF CUSTODY RECORD

PROJ. NO. [redacted] PROJECT NAME Hoo (84) 5787 Scarlett Ct. Dublin CA

SAMPLERS: (Signature) TAC (Robin Bennett, Erich Flynn)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TPH-G/BTXE	REMARKS
7	11/7	10:25		✓	TANK WATER	2	✓	WATER
8	11/7	10:30		✓	WEST TANK/NORTH END	1	✓	SOIL Samples are high
9	11/7	10:35		✓	WEST TANK/SO. END	1	✓	SOIL
10	11/7	10:40		✓	NO. END / EAST TANK	1	✓	SOIL
11	↓	↓		✓	SO. END / East Tank	1	✓	SOIL

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
				Date / Time	Received by: (Signature)

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3423 Investment Boulevard, #8 • Hayward, California 94545

TAL

DATE: 12/29/88
LOG NO.: 6817
DATE SAMPLED: 12/19/88
DATE RECEIVED: 12/19/88

CUSTOMER: Atlas Hydraulic Corporation
REQUESTER: Bill Bender
PROJECT: Lew Doty, 5787 Scarlet Court, Dublin, CA

Sample Type: Soil

Method and Constituent	Units	No. 12 Concentration	No. 12 Detection Limit	No. 13 Concentration	No. 13 Detection Limit
DHS Method:					
Total Petroleum Hydrocarbons as Gasoline	ug/kg	< 500	500	16,000	500
Modified EPA Method 8020:					
Benzene	ug/kg	< 70	70	< 70	70
Toluene	ug/kg	< 70	70	< 70	70
Xylenes	ug/kg	< 300	300	< 300	300
Ethyl Benzene	ug/kg	< 100	100	< 100	100

DATE: 12/29/88
LOG NO.: 6817
DATE SAMPLED: 12/19/88
DATE RECEIVED: 12/19/88
PAGE: Two

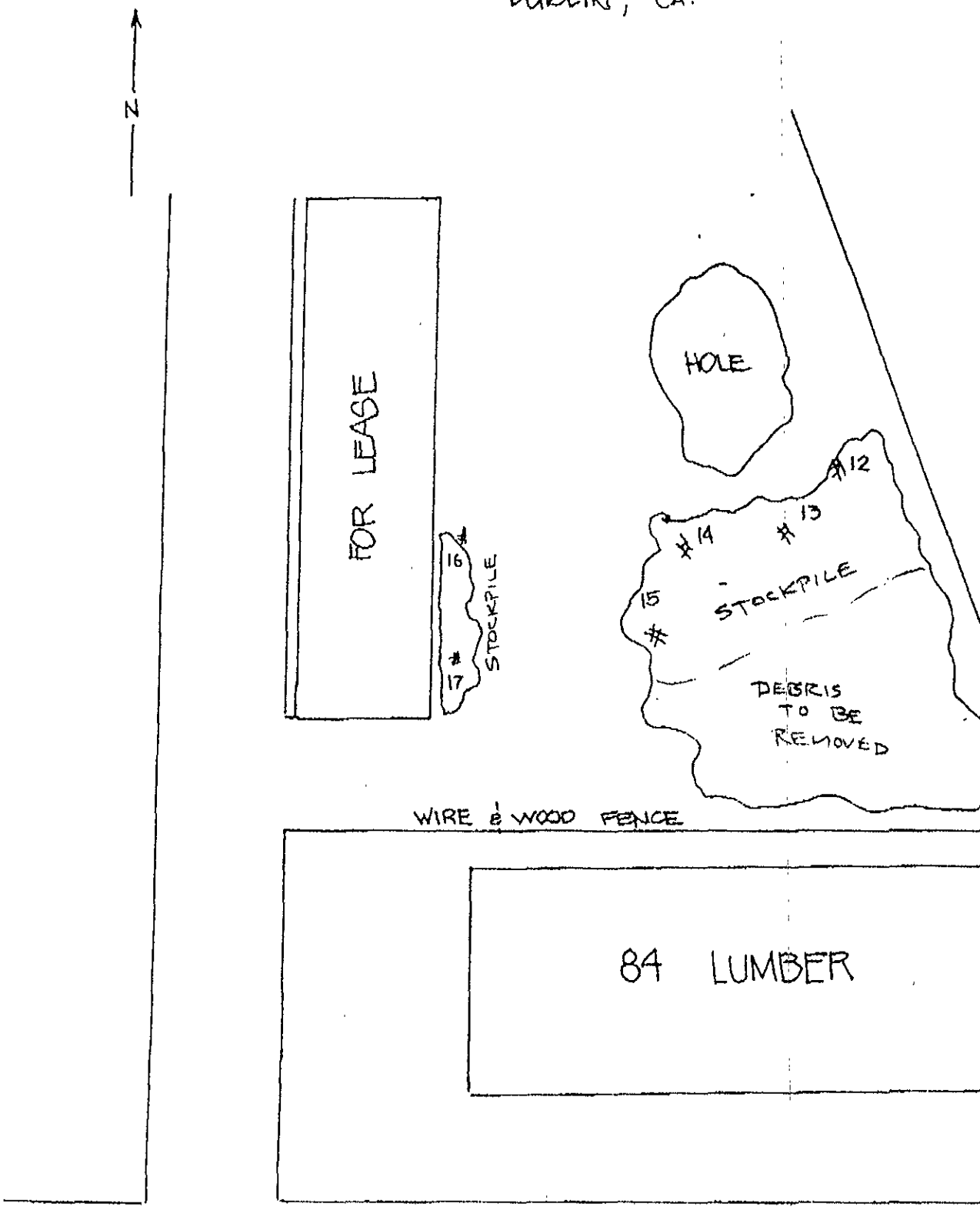
Sample Type: Soil

Method and Constituent	Units	No. 15 Concentration	No. 15 Detection Limit	No. 16 Concentration	No. 16 Detection Limit
DHS Method:					
Total Petroleum Hydrocarbons as Gasoline	ug/kg	84,000	500	< 500	500
Modified EPA Method 8020:					
Benzene	ug/kg	< 70	70	< 70	70
Toluene	ug/kg	< 70	70	< 70	70
Xylenes	ug/kg	670	300	< 300	300
Ethyl Benzene	ug/kg	< 100	100	< 300	100

Hugh R. McLean
Supervisory Chemist

HRM:vls

LEW DOTY CADILLAC
5787 SCARLET COURT
DUBLIN, CA.



Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545
(415) 783-6960

6817

TAL

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME 5787 Scarlet Court, Dublin, CA ATLAS HYDRAULIC, LEW DOTY	NO. OF CONTAINERS	TPHG/BTEX	REMARKS
SAMPLERS: (Signature) Daniel Flores, TAL				

STA. NO.	DATE 19	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TPHG/BTEX	REMARKS
MF								5 day TAT
12	12/16	3:00		✓	SOIL PILE BY THE BLDG		✓	
13		3:05		✓	↓		✓	
14		3:10		✓			✓	
15		3:15		✓			✓	
16		3:20		✓	SOIL PILE BY THE BLDG		✓	
17	↓	3:25		✓	↓		✓	
⌀	1988							

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)

Trace Analysis Laboratory, Inc.
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TAL

DATE: 2/24/89

LOG NO.: 7046

DATE SAMPLED: 2/22/89

DATE RECEIVED: 2/22/89

CUSTOMER: Atlas Hydraulic Corporation

REQUESTER: Bill Bender

PROJECT: Lew Doty, 5787 Scarlett Court, Dublin, CA

Sample Type: Water

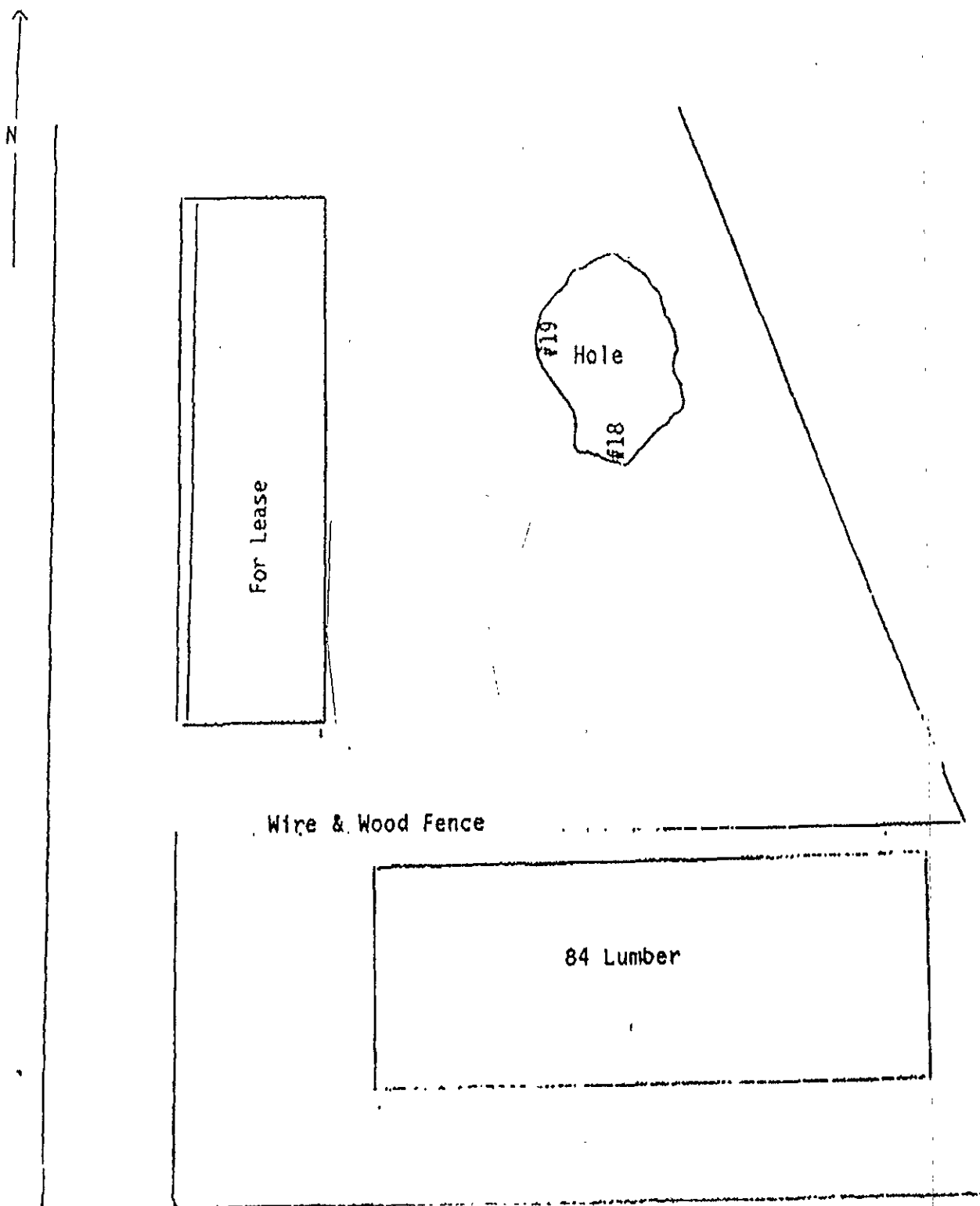
Method and Constituent	Units	No. 18 Concentration	Detection Limit	Concentration
DHS Method:				
Total Petroleum Hydrocarbons as Gasoline	ug/l	7.7	2	16
Modified EPA Method 8020:				
Benzene	ug/l	0.81	0.3	0.72
Toluene	ug/l	0.57	0.2	0.56
Xylenes	ug/l	0.92	0.5	0.61
Ethyl Benzene	ug/l	< 0.4	0.4	< 0.4

Dan Farah

Dan Farah, Ph.D.
Supervisory Chemist

DF:mln

LEW DOTY CADILLAC
5787 Scarlett Court
Dublin, CA



Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545
(415) 783-6960

7046

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME					NO. OF CONTAINERS	TPH-G/BTXE	REMARKS
	5787 Scarlet Court Dublin CA							
SAMPLERS (Signature)								
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION			
No.18	7/27/99	1:10				2 VOA	X	Taken by the client
No.19	"	1:30				2 VOA	X	
								1 day T.A.T.

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545 *(415) 783-6960*

TAL

DATE: 5/10/89
LOG NO.: 7287
DATE SAMPLED: 4/19/89
DATE RECEIVED: 4/19/89

CUSTOMER: Atlas Hydraulic Corporation

REQUESTER: Bill Bender

PROJECT: Lew Doty Cadillac, 5787 Scarlett Court, Dublin

		Sample Type: Soil					
		No. 20		No. 21		No. 22	
Method and Constituent	Units	Concentration	Detection Limit	Concentration	Detection Limit	Concentration	Detection Limit
DHS Method:							
Total Petroleum Hydrocarbons as Gasoline	ug/kg	59,000	500	210,000	2,000	960,000	2,000
Modified EPA Method 8020:							
Benzene	ug/kg	< 6	6	3,600	40	16,000	40
Toluene	ug/kg	< 6	6	7,300	30	7,300	30
Xylenes	ug/kg	< 30	30	30,000	200	100,000	200
Ethyl Benzene	ug/kg	< 8	8	3,400	50	28,000	50

DATE: 5/10/89
LOG NO.: 7287
DATE SAMPLED: 4/19/89
DATE RECEIVED: 4/19/89
PAGE: Two

Sample Type: Soil

Method and Constituent	Units	No. 23 Concentration	No. 23 Detection Limit
DHS Method:			
Total Petroleum Hydrocarbons as Gasoline	ug/kg	210,000	2,000
Modified EPA Method 8020:			
Benzene	ug/kg	5,200	40
Toluene	ug/kg	7,600	30
Xylenes	ug/kg	45,000	200
Ethyl Benzene	ug/kg	5,500	50

Dan Farah

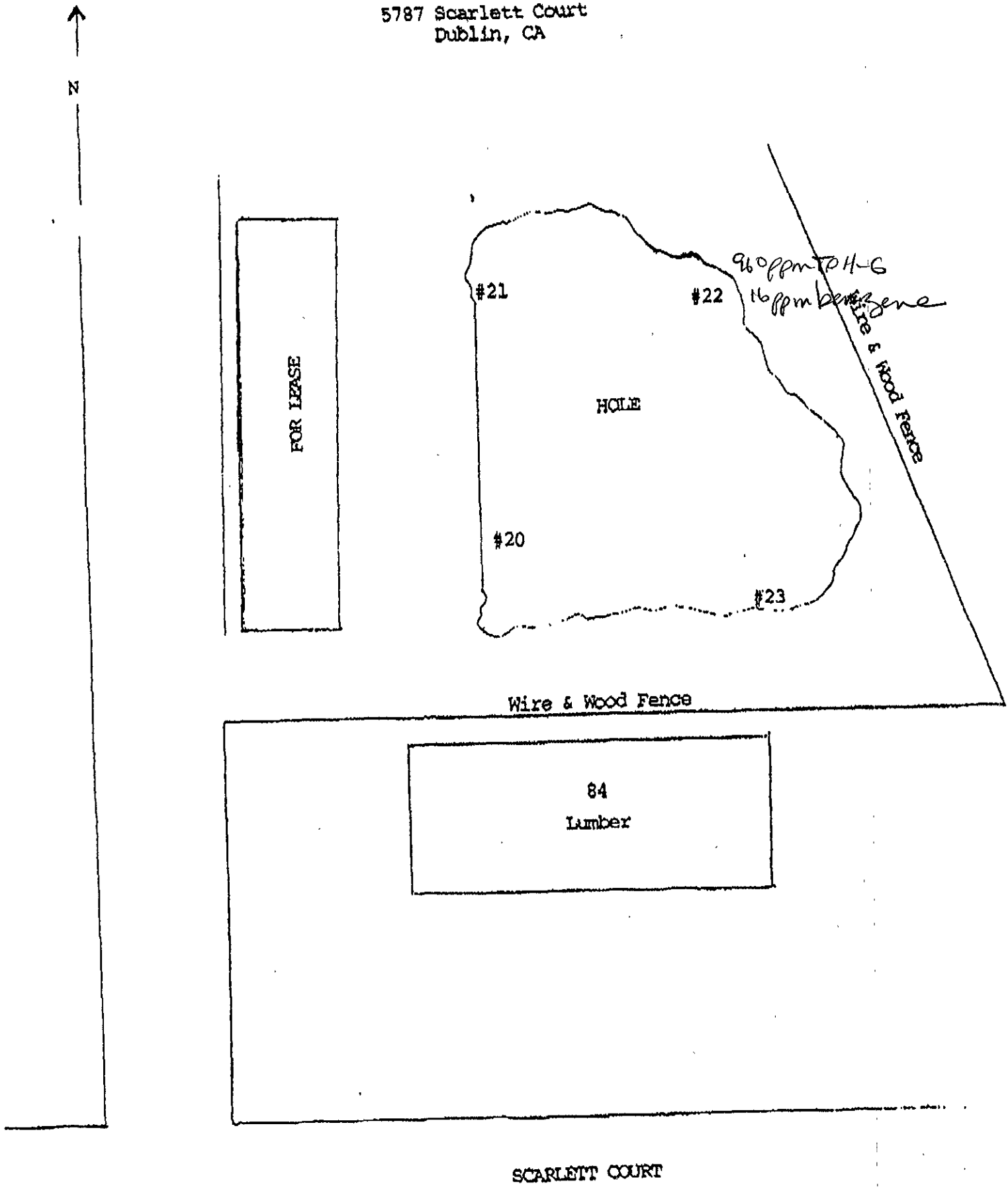
Dan Farah, Ph.D.
Supervisory Chemist

DF:kl

05/10/89 13:56

LEW DOTY CADILLAC

5787 Scarlett Court
Dublin, CA



atlas hydraulic corporation

November 18, 1988

Mr. Lew Doty
Lew Doty Cadilliac
6301 Scarlett Ct.
Dublin, CA 94566

RE: Tank Removal Project
5787 Scarlett Ct.
Dublin, CA

Dear Lew:

Attached is a progress report and plan for future activity on the removal of the 2 - 12,000 gallon storage tanks at 5787 Scarlett Court. Also, attahced is a brief report on the site assessment activity at 6301 Scarlett Court.

Sincerely,

ATLAS HYDRAULIC CORPORATION

J. P. Givens

JPG:aa

Encl.

28971 Hopkins Street • P.O. Box 56567 • Hayward, California 94545 • 415-786-3393

atlas hydraulic corporation

PROGRESS REPORT

REMOVAL OF 2 - 12,000 GALLON UNDERGROUND STORAGE TANKS

5787 SCARLETT COURT, DUBLIN, CA

Atlas removed the 2 - 12,000 gallon steel tanks on October 28, 1988 and loaded them on a truck/trucks operated by H & H Ship Service, 220 China Basin, San Francisco, CA. for transport and disposal at its TSD Facility, at the same address. The tanks were rendered inert by placing 30# of dry ice in the tanks per 1000 gallons of capacity. Tom Peacock of the Alameda County Health Services Agency and Louis Richardson Consulting Engineering Geologist for the project witnessed the removal of the tanks.

A total of 4 soil samples were taken. One each sample was taken from the dirt underneath each end of the tank. Two water samples were taken. The water samples were taken from the separate holes created by removal of the tank as dirt remained between the two tanks after the tanks were removed.

The results of the soils samples and the water samples are attached in five copies for distribution to others whom may have some need for the soil samples. Soils samples numbers 1, 3, 4, and 6 and water samples 2 and 5 were taken by Trace Analysis Laboratory on October 28, 1988.

On November 3, 1988, H & H Ship Service vacuumed approximately 5000 gallons of contaminated water out of the excavation. The water was transported to H & H's TSD site.

Also, on November 3, 1988, and November 4, 1988, Atlas removed an additional 40 yards of contaminated material from the bottom of the excavation, used approximately 50 tons of sand for berms

28971 Hopkins Street • P.O. Box 56567 • Hayward, California 94545 • 415-786-3393

around the contaminated soil and spread out and aerated approximately 200 yards of contaminated soil.

On November 7, 1988, we again aerated the soil. Also, H & H vacuumed approximately 5000 gallons of contaminated water from the excavation. Trace Analysis Laboratory took 4 soil samples and 1 water sample. The soil samples were taken from about 3 feet inside the walls of the excavation to determine if the gasoline had migrated and contaminated more area. The results of the soil samples numbers 8, 9, 10 and 11 and water sample number 7 are attached in five copies, again for you to distribute this information to whomever is interested. Please note that contamination in high levels existed in the samples taken about 3 feet inside the four walls. This proved that the gasoline had migrated beyond the walls of the excavation.

On November 11, 1988, and November 14, 1988 we again aerated the contaminated dirt.

As the tests taken on November 7, 1988, proved that a relatively high degree of contamination still existed and the removal of approximately 3 feet additional excavation to the bottom of the hole would result in about 300 cubic yards of dirt to be stored and aerated. Futhermore, we have no way of knowing how much further the gasoline had migrated into the soil and additional excavation, stockpiling and aeration is not the answer because of lack of space at the site. It is our experience that the regulatory agencies realize that you cannot keep digging forever and it is on that basis that we advised them what we wanted to do to complete the first phase of the clean-up project.

We are going to continue aeration of the approximated 200 yards of contaminated dirt stockpiled at the site and use a meter to detect the parts per million (PPM) in the soil and repeat the process until such time as we believe that the contamination is less than 100 PPM. At that point, we will use the aerated material to backfill the excavation, purchase clean peagravel and Class II aggregate to complete the filling of the hole and resurface the excavated

area.

It is expected that at some later date one of the regulatory agencies, probably Alameda County Health Care Services Agency, will require that test wells be drilled, sampled and that one or more of those test wells would be used as a permanent monitoring well. We do not know if the wells would be drilled a month from now or whenever. The various regulatory agencies have so many big cleanup projects underway they have had to establish a priority system with regard to individual projects.

J. P. Givens

LOUIS A. RICHARDSON
Consulting Engineering Geologist
202 Jason Way
Mountain View, California 94043
(415) 967-1000

Registered Geologist • Certified Engineering Geologist • California and Oregon

January 9, 1989

Mr. Tom Peacock
Alameda County Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Suite 200
Oakland, California 94621

Re: **Backfilling of Tank Removal Excavation**
5787 Scarlett Ct. (Lew Doty Property)
Dublin, CA

Dear Mr. Peacock:

Pursuant to our telephone conversation today, enclosed please find the most recent laboratory test results of soils that have been stockpiled and aerated at the above-referenced site. Two 12,000 gallon underground gasoline tanks were removed on October 28, 1988 by Atlas Hydraulic Corporation.

At that time it was observed that soils and shallow groundwaters adjacent to, and beneath the tanks were contaminated with petroleum product. A total of approximately 10,000 gallons of contaminated water was vacuumed from the bottom of the excavation on November 3 and 7, 1988 and transported to an approved disposal site. About 200 cubic yards of contaminated soils generated from the tank excavation were spread out and aerated on paved parking areas of the subject property.

Periodic sampling by Trace Analysis Laboratory indicates that the Total Petroleum Hydrocarbon content, calculated as gasoline, of the stockpiled soil has decreased by aeration to less than 100 parts per million (ppm) from originally measured concentrations of up to 1,100 ppm. It would be appreciated if you could advise us if the aerated soil will now be acceptable for use as backfill in the excavation.

It is understood that further work will eventually be necessary to define the extent of contamination and determine appropriate remedial actions.

Thank you for your cooperation in this matter. Please contact me as to the results of your determination. If you have any questions, please feel free to call.

Very truly yours,

Louis A. Richardson
Certified Engineering Geologist
No. EG 1085

LAR:ka
Enclosures

cc: Mr. Bill Bender,
Atlas Hydraulic Corp.

ALAMEDA COUNTY
HEALTH CARE SERVICES
DAVID J. KEARS, AGENCY
[illegible], Agency Director

Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

(415) 271-4320

Certified mailer #: P 833 981 187

March 3, 1989

Mr. Lew Doty
Lew Doty Cadillac
6301 Scarlett Ct.
Dublin, CA 94568

Re: Unauthorized release from underground storage tanks, 5787 Scarlett Ct., Dublin

Dear Mr. Doty:

The purpose of this letter is to summarize what our office knows regarding contamination at the site referenced above and to outline requirements for site mitigation. Our office was notified of a soil contamination problem on September 28, 1988. Two 12,000-gallon underground tanks containing gasoline were removed on October 28, at which time floating product was observed in the excavation pit. On two subsequent occasions, water was pumped from the pit and taken to an approved disposal site. Currently, water is standing in the hole, which remains open, and excavation soil remains stockpiled next to the hole.

An unauthorized release report should have been received within 5 days of discovery of the leak, and therefore should be submitted to this office immediately; all sample analytical reports and chain of custody forms should also be sent to this office. In addition, you must initiate further investigation and/or cleanup activities at this site, as described below.

First, an assessment should be conducted to determine the extent of soil and groundwater contamination that has resulted from the leaking tank(s). The assessment should be designed to provide all of the information in the format shown at the end of this letter. This format is based on the Regional Water Quality Control Board (RWQCB's) guidelines. You should be prepared to install one monitoring well, if you can verify the direction of groundwater flow in the immediate vicinity of the site, and three wells or piezometers, if you cannot.

Until cleanup is complete, you will need to submit reports to this office and to the RWQCB every three months (or at a more frequent interval, if specified at any time by either agency). These reports should include information pertaining to further investigative

results; the methods and costs of cleanup actions implemented to date; and the method and location of disposal of any contaminated material.

Your work plan should be submitted to this office within 20 days of the date of this letter. A report describing the results of the site assessment should be submitted within 60 days of the date of this letter. Copies of the proposal and report should also be sent to the RWQCB (attention: Lisa McCann). You may implement remedial actions before approval of the work plan, but final concurrence by this office will depend on the extent to which the work done meets the requirements described in this letter.

Your consultant, Lou Richardson, indicated over the phone that levels of gasoline in stockpiled soils have decreased from about 1,100 ppm to below 100 ppm as a result of aeration. He also said that groundwater in the pit has contaminant levels of about 88 ppb. We can permit the replacement of stockpiled soil in the pit, since lab results show that TPH levels have indeed decreased below 100 ppm; however, unless you can show that unexcavated soil in the pit is clean (<100 ppm), further excavation may be required. With regard to disposal of groundwater standing in the pit, we cannot permit it to be pumped into the storm drain.

You will need to submit an additional deposit of $600 to cover costs that the Division of Hazardous Materials incurs during remediation oversight. Should you have any questions about this letter or about remediation requirements established by the RWQCB, please contact Gil Wistar, Hazardous Materials Specialist, at 271-4320.

Sincerely,

Rafat A. Shahid
Chief, Hazardous Materials Division

RAS:GW:gw

cc: Lou Richardson, Consulting Engineering Geologist
Howard Hatayama, DOHS
Lisa McCann, San Francisco Bay RWQCB
Gil Jensen, District Attorney, Alameda County Consumer and Environmental Protection Agency

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE.
SIGNED _____ DATE _____

REPORT DATE: 03/16/89 CASE #:

REPORTED BY
NAME OF INDIVIDUAL FILING REPORT: Louis A. Richardson
PHONE: (415) 967-1000
SIGNATURE: L.A. Richardson
REPRESENTING ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____
COMPANY OR AGENCY NAME: Consulting Engineering Geologist
ADDRESS: 202 Jason Way (STREET) Mountain View (CITY) CA (STATE) 94043 (ZIP)

RESPONSIBLE PARTY
NAME: Lew Doty Cadillac ☐ UNKNOWN
CONTACT PERSON: Lew Doty
PHONE: (415) 828-3689
ADDRESS: 6301 Scarlett Court (STREET) Dublin (CITY) CA (STATE) 94568 (ZIP)

SITE LOCATION
FACILITY NAME (IF APPLICABLE):
OPERATOR: Lew Doty Cadillac
PHONE: (415) 828-3689
ADDRESS: 5787 Scarlett Court (STREET) Dublin (CITY) _____ (COUNTY) 94568 (ZIP)
CROSS STREET: Dougherty Road
TYPE OF AREA ☒ COMMERCIAL ☐ INDUSTRIAL ☐ RURAL ☐ RESIDENTIAL ☐ OTHER _____
TYPE OF BUSINESS ☐ RETAIL FUEL STATION ☐ FARM ☒ OTHER Warehouse

IMPLEMENTING AGENCIES
LOCAL AGENCY / AGENCY NAME: Alameda Co. Dept. of Environ. Health Hazardous Materials Division
CONTACT PERSON: Gil Wistar
PHONE: (415) 271-4320
REGIONAL BOARD: San Francisco Bay RWQCB
CONTACT PERSON: Lisa McCann
PHONE: (415) 464-0559

SUBSTANCES INVOLVED
(1) NAME: Gasoline — QUANTITY LOST (GALLONS): _____ ☒ UNKNOWN
(2) NAME: _____ QUANTITY LOST (GALLONS): _____ ☐ UNKNOWN

DISCOVERY/ABATEMENT
DATE DISCOVERED: 06/23/88
HOW DISCOVERED ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☐ TANK REMOVAL ☒ OTHER Subsurface site assessment
DATE DISCHARGE BEGAN: _____ ☒ UNKNOWN
METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY): ☐ REMOVE CONTENTS ☐ REPLACE TANK ☒ CLOSE TANK ☐ REPAIR TANK ☐ REPAIR PIPING ☐ CHANGE PROCEDURE ☐ OTHER _____
HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE 10/28/88

SOURCE/CAUSE
SOURCE OF DISCHARGE: ☒ TANK LEAK ☐ UNKNOWN ☐ PIPING LEAK ☐ OTHER
TANKS ONLY/CAPACITY: 2 x 12,000 GAL. AGE _____ YRS ☒ UNKNOWN
MATERIAL: ☐ FIBERGLASS ☒ STEEL ☐ OTHER _____
CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☒ CORROSION ☐ UNKNOWN ☐ SPILL ☐ OTHER _____

CASE TYPE
CHECK ONE ONLY: ☐ UNDETERMINED ☐ SOIL ONLY ☒ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS
CHECK ONE ONLY: ☒ SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) ☐ CLEANUP IN PROGRESS ☐ SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) ☐ NO ACTION TAKEN ☐ POST CLEANUP MONITORING IN PROGRESS ☐ NO FUNDS AVAILABLE TO PROCEED ☐ EVALUATING CLEANUP ALTERNATIVES

REMEDIAL ACTION
CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☒ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☒ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ TREATMENT AT HOOKUP (HU) ☐ NO ACTION REQUIRED (NA) ☐ OTHER (OT) _____

COMMENTS
Two 12,000 gallon tanks were removed in Oct., 1988. The tanks were not in use when contamination was discovered adjacent to the tanks by a consultant performing a real estate site assessment. The property is not presently in use.

HSC 05 (4/87)

LOUIS A. RICHARDSON
Consulting Engineering Geologist
202 Jason Way
Mountain View, California 94043
(415) 967-1000

Registered Geologist • Certified Engineering Geologist • California and Oregon

March 8, 1989

Mr. Tom DeHollander, Industrial Waste Inspector
Dublin San Ramon Services District
7051 Dublin Boulevard
Dublin, California 94568

Re: **Wastewater Discharge Permit Application**
5787 Scarlett Ct. (Lew Doty Property)
Dublin, CA

Dear Mr. DeHollander:

Pursuant to our recent telephone conversation, enclosed please find the completed application to discharge groundwater at the above-referenced site. Two 12,000 gallon underground gasoline tanks were removed from the site on October 28, 1988 and it is now necessary to backfill the excavation which has partially filled with groundwater.

To achieve proper compaction in the backfill, it will be necessary to remove most of the water now present in the excavation, estimated to not exceed 10,000 gallons. It is presently proposed to pump the water to the sanitary sewer serving the vacant building at the site (see enclosed sketch). Attached to the permit application are laboratory test results for hydrocarbons from the most recent water samples from the excavation.

As we discussed, this will be a one-time only discharge into the system. Since the open excavation poses somewhat of a hazard from a liability standpoint, we would like to backfill it as soon as possible. Any efforts you could make in expediting the permit approval process would be greatly appreciated.

Thank you for your cooperation in this matter. If you have any questions, please feel free to call.

Very truly yours,

Louis A. Richardson
Certified Engineering Geologist
No. EG 1085

Enclosures
cc: Mr. Jim Givens, Atlas Hydraulic Corp.

DUBLIN SAN RAMON SERVICES DISTRICT

General Offices: 7051 Dublin Blvd. • Dublin, California 94568 • (415) 828-0515 • Fax: 829-1180

947-6870

March 23, 1989

Mr. Louis A. Richardson
Consulting Engineering Geologist
202 Jason Way
Mountain View, CA 94043

Re: **Wastewater Discharge Permit for Lew Doty's Scarlett Ct. property in Dublin**

Dear Mr. Richardson:

Enclosed you will find two copies of Wastewater Discharge Permit #5541-003. Please review these permits with Mr. Doty. If everything is in order, have him sign both copies of the permit. Keep one copy in your files. Return one signed copy of the permit to Dublin San Ramon Services District before start-up of pumping operation. Be aware that the permit was drafted using a pumping rate of 10 gallons per minute and a volume of 10,000 gallons. Changes in pumping rate or volume pumped will affect the Demand and Loading portions of the billing.

If you have any questions regarding the permit, billing, or other conditions or limitations of this permit, please contact the Industrial Waste Inspector, Tom DeHollander, at 846-4565.

Yours very truly,

Robert D Whitley

Robert Whitley
District Engineer

cc: Bob Swanson, Wastewater Operations Manager
Tom DeHollander, Industrial Waste Inspector

DUBLIN SAN RAMON SERVICES DISTRICT
PRETREATMENT PROGRAM
WASTEWATER DISCHARGE PERMIT

5541-003

IN ACCORDANCE WITH ALL TERMS AND CONDITIONS OF THE:

X D.S.R.S.D.CODE (CHAPTER 7 ARTICLE 3)

_____ CITY OF PLEASANTON CODE (CHAPTER 8 ARTICLES 5 & 7)

AND ALSO WITH ANY APPLICABLE PROVISION OF FEDERAL OR STATE LAWS OR REGULATIONS;

PERMISSION IS HEREBY GRANTED TO:

Lew Doty Cadillac property
Name of Company

6301 Scarlett Court, Dublin, California 94568
Mailing Address

CLASSIFIED BY S.I.C. NO. 5541 (Gasoline Service Stations)

FOR THE CONTRIBUTION OF groundwater INTO

THE D.S.R.S.D. SEWER LINES AT:

5787 Scarlett Court, Dublin, California
Address of Discharger

EFFECTIVE: 15 March, 1989
EXPIRES ON: 30 April, 1989

Lew Doty
PRINT NAME OF PERMITTEE

Robert D. Wells
DISTRICT ENGINEER

SIGNATURE OF PERMITTEE

DUBLIN SAN RAMON SERVICES DISTRICT

7051 Dublin Boulevard

Dublin, California 94568

TO: MR. LOUIS A. RICHARDSON
CONSULTING ENGINEERING GEOLOGIST
202 JASON WAY
MOUNTAIN VIEW, CA 94043

INVOICE DATE
May 17,1989

PERIOD COVERED: March 1 to April 30, 1989

INVOICE #IW051789-LDC

BILLING RECAP

DEMAND CHARGE.....	$ 253.01
LOADING CHARGE.....	$ 3.04
PRETREATMENT CHARGE.....	$ 11.94
TOTAL.....	$ 267.99

Questions regarding demand charges, loading charges, sampling charges and permits, should be directed to the Industrial Waste Department at 846-4565.

Questions regarding remittance, payments, or penalties should be directed to the Finance Department at 828-0515.

*** PLEASE NOTE ***

A 10% penalty will be assessed if bill is not paid within 30 days of invoice date. An additional 1/2% penalty per month will be assessed if not paid within 60 days after invoice date.

DUBLIN SAN RAMON SERVICES DISTRICT

INDUSTRIAL SEWER SERVICE BILLING SUPPLEMENT

DISCHARGER: LEW DOTY CADILLAC PROPERTY

PERIOD COVERED: March 1 to April 30, 1989

REGIONAL USER CHARGE

Demand Parameters	Units		Unit Cost			Charge
Flow (M.G.D.)	0.005	X	24285.62	=	$	121.43
BOD (lb/day)	0.2085	X	4.20	=	$	0.88
S.S. (lb/day)	0.2085	X	2.68	=	$	0.56
Connections	1	X	1.10	=	$	1.10
Loading Parameters						
Flow (M.G.)	0.01	X	102.09	=	$	1.02
BOD (1000 lb)	0.0004	X	38.78	=	$	0.02
S.S. (1000 lb)	0.0004	X	20.79	=	$	0.01
TOTAL REGIONAL USER CHARGE				=	$	125.01

LOCAL USER CHARGE

Demand Parameters	Units		Unit Cost			Charge
Flow (M.G.D.)	0.005	X	25537.27	=	$	127.69
Connections	1	X	1.36	=	$	1.36
Loading Parameters						
Flow (M.G.)	0.01	X	199.55	=	$	2.00
TOTAL LOCAL USER CHARGE				=	$	131.04

TOTAL CHARGES FOR PERIOD

REGIONAL USER CHARGE	$	125.01
LOCAL USER CHARGE	$	131.04
PRETREATMENT CHARGE	$	11.94
		267.99

atlas hydraulic corporation

March 31, 1989

Lew Doty Cadillac
6301 Scarlett Court
Dublin, CA 94566

RE: 5787 Scarlett Court, Dublin, CA
Atlas Job #1091

Gentlemen:

This will confirm the salient points of our 3/30/89 meeting where the following decisions were made and agreed by Mr. Doty, Lew Richardson and Bill Bender.

1. The excavation will be dewatered by Atlas discharging the liquid into the sanitary sewer system. This work will be done in accordance with the waste water discharge permit issued by the Dublin-San Ramon Service District. The pumping rate will be 10 gallons per minute and will be observed by one of Atlas' field people.

2. Since the stock piled material is below 100 ppm, the excavation will be backfilled up to the ground water level which is approx. at -5 feet. The material will be placed and compacted to 90% relative density.

3. Atlas will continue with the excavation laterally but only to a depth to the ground water level at approx. -5 feet. This excavation will be observed by Lew Richardson. The contamination levels will be measured by Lew Richardson with Atlas' PID.

4. When limits of approx. 100 ppm have been reached, or when excavation must stop because of proximity of property lines and/or buildings, Trace Analysis will do the final sampling and testing of the sidewall material of the excavation.

5. Lew Richardson will prepare a work plan and will submit it to the regulators. He will also install the monitoring well

28971 Hopkins Street • P.O. Box 56567 • Hayward, California 94545 • 415-786-3393

and will remain the Certified Engineering Geologist of Record for any future remediation work that may be required.

Yours very truly,

ATLAS HYDRAULIC CORPORATION

William H. Bender, C.E., S.E.

WHB:be

cc: Lew Richardson

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

Certified mailer #:P 833 981 433

May 26, 1989

Mr. Lew Doty
Lew Doty Cadillac
6301 Scarlett Ct.
Dublin, CA 94568

NOTICE OF VIOLATION

Dear Mr. Doty:

In a letter dated March 3, 1989, the Alameda County Department of Environmental Health, Hazardous Materials Division, requested that you perform certain actions to characterize and clean up the contamination resulting from a leaking underground storage tank at 5787 Scarlett Ct. in Dublin. In that letter, we requested that you submit a work plan to this office by March 23, 1989, and a report on the extent of contamination by May 2. So far, we have received nothing to this effect from you or your consultant. Therefore, we are making a second request for a work plan, as well as a deposit of $600, to be sent to this office by June 16, 1989. The work plan should follow the guidelines included with the March 3 letter from this office.

According to Sec. 25298 of the California Health and Safety Code, underground storage tank closure is incomplete until the responsible party characterizes and remediates the contamination resulting from product discharge. Therefore, Lew Doty Cadillac is in violation of this section of the Code, for which Sec. 25299 specifies civil penalties of up to $5,000, for each day of violation. In addition, failure to furnish technical reports regarding documented groundwater contamination violates Section 13268 of the California Water Code, for which the Regional Water Quality Control Board can impose civil liabilities of up to $1,000 for each day in which the violation occurs.

For any work at the site to date that has resulted in the disposal of hazardous liquid or waste, manifests should be sent to this office. All sample analytical reports and chain of custody forms should also be sent to this office.

Should you have any questions about this letter or about remediation requirements established by the RWQCB, please contact Gil Wistar, Hazardous Materials Specialist, at 271-4320.

Sincerely,

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:GW:gw

cc: Lou Richardson, Consulting Engineering Geologist
Doug Krause, DOHS
Dyan Whyte, San Francisco Bay RWQCB
Gil Jensen, District Attorney, Alameda County Consumer and Environmental Protection Agency