



ALCO
HAZMAT

94 OCT 26 PM 2: 26

LEVINE•FRICKE

ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

October 18, 1994

LF 3186.94.10

Susan M. Jenné
Industrial Waste Inspector II
Dublin San Ramon Services District
7051 Dublin Boulevard
Dublin, California 94568

Subject: Request for Limited Discharge Permit at 6085 Scarlett Court in Dublin, California

Dear Susan:

This letter is submitted to request a Limited Discharge Permit for discharge of ground-water to the sanitary sewer at 6085 Scarlett Court in Dublin, California ("the Site", Figure 1).

The following items are provided in accordance with your letter, dated September 21, 1994 to Levine•Fricke regarding the information required for the permit.

1) The applicant for the permit is as follows:

Executive Personnel Defined Benefit Plan
6612 Owens Drive
Pleasanton, California 94588
(510) 463-1122

2) Trustee of the Plan is James McKeehan

3) Address of the Site is 6085 Scarlett Court in Dublin, California. A Site Vicinity Map (Figure 1) and Site Plan (Figure 2) are attached. The site plan shows the location of the existing excavation, ground-water pump and point of discharge to the sanitary sewer.

4) The ground water to be discharged is currently in a former underground storage tank excavation in the north east portion of the Site. The excavation is approximately 75 feet by 50 feet by 20 feet deep. The depth to ground-water during excavation was approximately 12 feet below ground surface. The average depth of ground water in the excavation is approximately 6 feet.

Approximately 150,000 ground water will be continuously pumped from the excavation at a flow rate up to 10 gallons per minute. Ground water will be pumped from the excavation until all ground-water has been removed from the excavation. We anticipate that the ground-water discharge will be completed within three to four weeks from commencement of pumping.

3001 Douglas Boulevard, Suite 320
Roseville, California 95661
(916) 786-0320
Fax (916) 786-0366

- 5) The ground water will be pumped from the excavation using a submersible sump pump and discharged directly to the sanitary sewer through a garden hose.
- 6) Analytical results of a sample collected from the ground water in the excavation during the most recent sampling event (October 4, 1994), indicated that benzene was detected at a concentration of 3 micrograms per liter ($\mu\text{g/l}$). Other compounds analyzed for in the sample including toluene, ethylbenzene, xylenes, and total petroleum hydrocarbons as gasoline (TPHg), were not detected in the ground water.

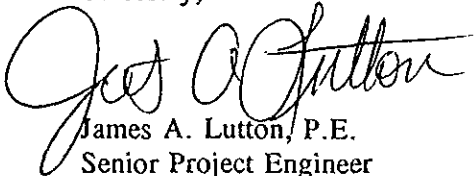
	<u>Result</u>	<u>Reporting Limit</u>
TPHg	ND	<0.05 mg/l
Benzene	3 $\mu\text{g/l}$	0.5 $\mu\text{g/l}$
Toluene	ND	<0.5 $\mu\text{g/l}$
Ethyl Benzene	ND	<0.5 $\mu\text{g/l}$
Xylenes	ND	<2.0 $\mu\text{g/l}$

Laboratory reports and chain of custody for the ground-water samples are provided in Exhibit A, attached.

As we discussed in our telephone conversation on September 26, 1994, we have enclosed a check for \$256.00 for the inspection fee. Additionally, the signed certification required by the Dublin San Ramon Services District is attached in Exhibit B.

If you have any questions, please feel free to call Cheryl Chester, P.E., Senior Engineer, or me at (916) 786-0320.

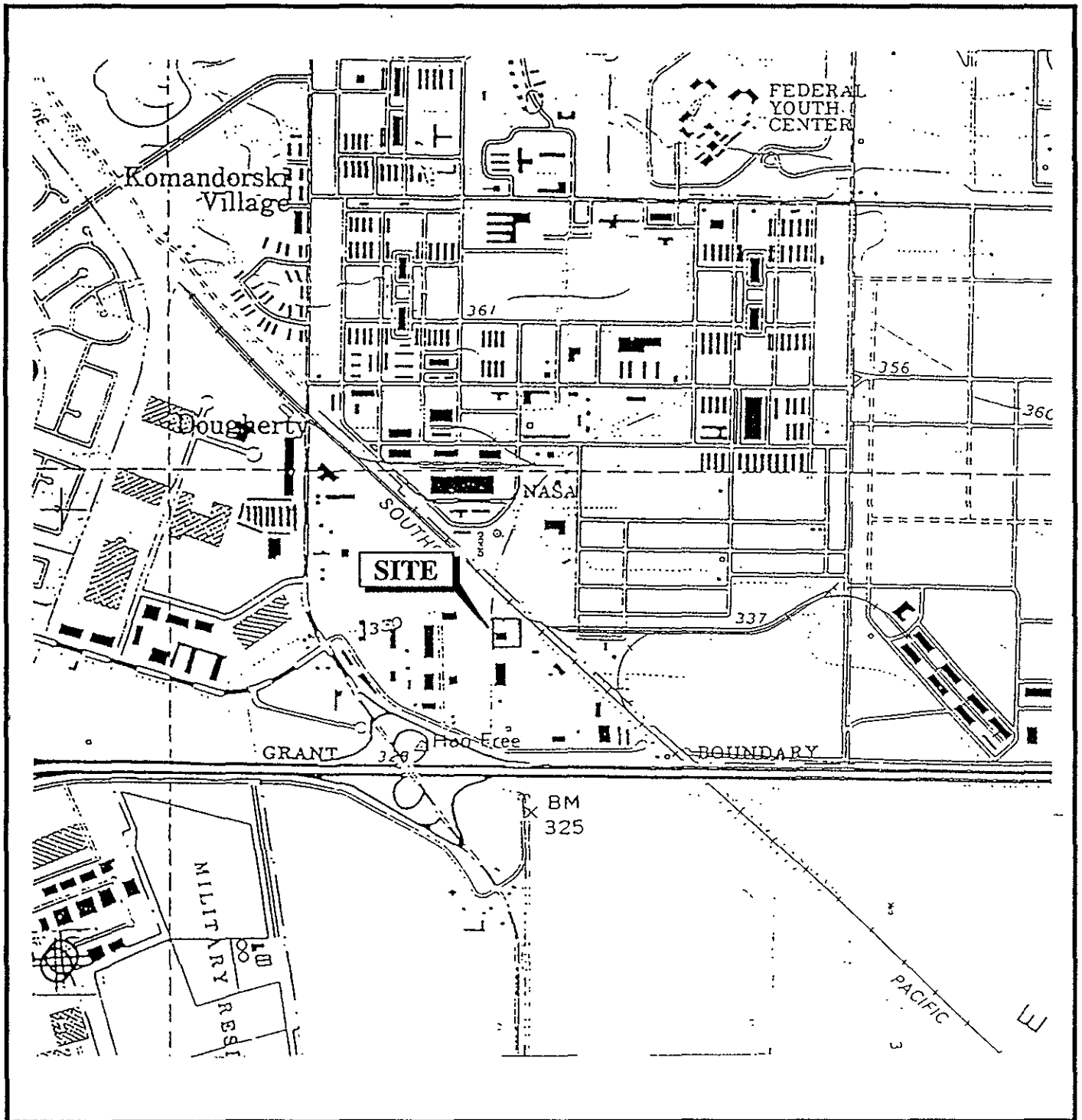
Sincerely,



James A. Lutton, P.E.
Senior Project Engineer

Attachments

cc: James McKeehan
Eva Chu, Alameda County Environmental Management Division



MAP SOURCE:
 H₂OGEOL
 Base from U.S.G.S. Dublin, California
 7.5' Quadrangle



Figure 1 : SITE LOCATION

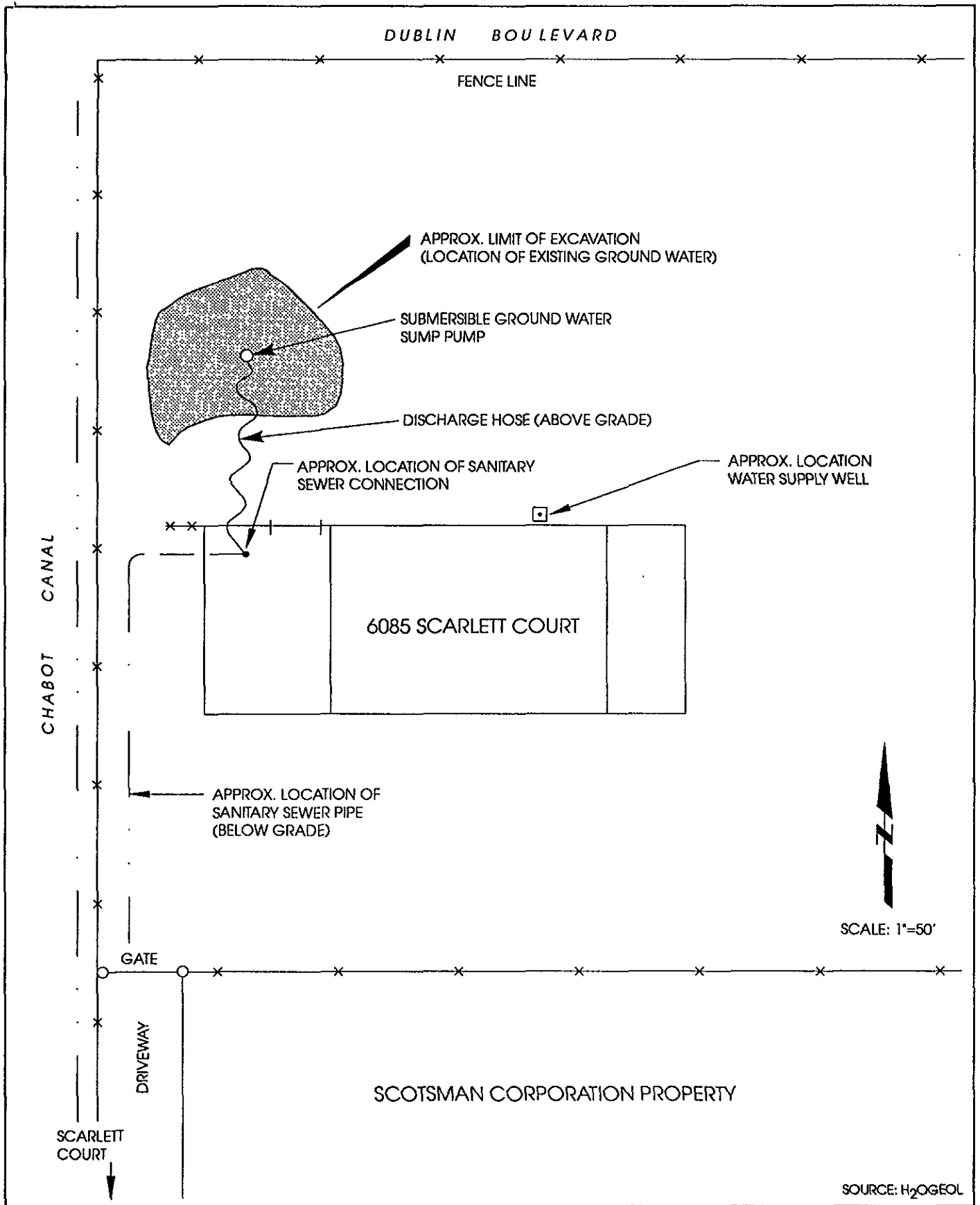


Figure 2 : SITE PLAN

EXHIBIT A
ANALYTICAL RESULTS

LEVINE-FRICKE

SAMPLE ID: W-1
 AEN LAB NO: 9410032-01
 AEN WORK ORDER: 9410032
 CLIENT PROJ. ID: 3186.94

DATE SAMPLED: 10/04/94
 DATE RECEIVED: 10/04/94
 REPORT DATE: 10/17/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	3 *	0.5	ug/L	10/12/94
Toluene	108-88-3	ND	0.5	ug/L	10/12/94
Ethylbenzene	100-41-4	ND	0.5	ug/L	10/12/94
Xylenes, Total	1330-20-7	ND	2	ug/L	10/12/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.05	mg/L	10/12/94

ND = Not detected at or above the reporting limit

* = Value above reporting limit

R-3, S-2

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

AEN 9410032

Project No.: 3186.94	Field Logbook No.:	Date: 10/4/94	Serial No.:
Project Name: Scarlet Court	Project Location: Dublin		No 0813

Sampler (Signature): *Cheryl Chester* ANALYSES Samplers:

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CON-TAINERS	SAMPLE TYPE	ANALYSES										REMARKS	
						EPA 601	EPA 624	TPH	TEX	HOLD	RUSH						
W-1	10-4	3:15	O/A	1	water												Standard Turn around
W-2 ^{dup}	10-4	3:30	B	1	water									X			
W-3 ^{dup}	10-4	3:45	C	1	water									X			
Results to Jim Lutton																	

RELINQUISHED BY: (Signature) <i>Cheryl Chester</i>	DATE: 10/4/94	TIME: 6:00	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) <i>Devin Harrington</i>	DATE: 10/4/94	TIME: 1800
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		


Sample Collector: <i>Cheryl Chester</i> LEVINE-FRICKE 3001 Douglas Boulevard, Suite 320 Roseville, California 95661 (916) 786-0320	Analytical Laboratory:
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EXHIBIT B

**CERTIFICATION
DUBLIN SAN RAMON SERVICES DISTRICT
LIMITED DISCHARGE PERMIT APPLICATION
6085 SCARLETT COURT
DUBLIN, CALIFORNIA**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Executive Personnel Defined Benefit Plan

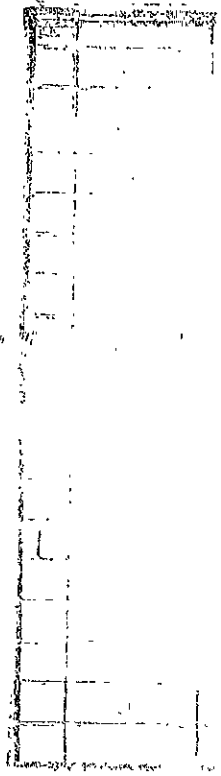
35/1E-6G1

DEIUCCHI WELL & PUMP, INC.
35137 Mission Blvd
Fremont, Calif. 94536
April 8, 1971

J.F. Shea Co., Inc.
6085 Scarlett Ct.
Dublin, Calif. 94566

RE: Well Log to Invoice # 15021

0	-	50	soft gray clay
50	-	62	brown clay
62	-	64	fine brown sand
64	-	70	brown clay
70	-	74	fine brown sand
74	-	85	brown clay
85	-	116	gray clay
116	-	120	sand and gravel
120	-	196	sand
196	-	280	clay
280	-	292	gravel and sand
292	Q	305	clay



Perforated: 285 -292

Water Level: 80 ft.

Well tested at 40 gallons per minute at 120 ft.

DRAFT
 BY *JFM* DATE *5/20/94*

SAMPLE	BENZENE ug/l	TOLUENE ug/l	E-BENZENE ug/l	XYLENES ug/l	TVHC ug/l	HS BENZENE ug/l	HS TOLUENE ug/l
AIR	<0.2	<0.2	<0.3	<0.5	<0.5	NA	NA
SG-1-5'	<0.2	<0.2	<0.3	<0.5	<0.5	NA	NA
SG-2-5'	<0.2	<0.2	<0.3	<0.5	0.5	NA	NA
SG-3-5'	<0.2	<0.2	<0.3	<0.5	2	NA	NA
SG-4-5'	<0.2	<0.2	<0.3	<0.5	<0.5	NA	NA
WS-4-6'	NA	NA	NA	NA	NA	<2	<3
SG-5-4'	<0.2	<0.2	<0.3	<0.5	<0.5	NA	NA
SG-7-4'	<0.2	<0.2	<0.3	<0.5	<0.5	NA	NA
SG-8-4'	<0.2	<0.2	<0.3	<0.5	<0.5	NA	NA
WS-1-7.5'	NA	NA	NA	NA	NA	<2	<3

Soil Gas Sample results

ANALYST *JFM* VERIFIED *AS*