



GETTLER-RYAN INC. ENVIRONMENTAL PROTECTION

98 NOV 13 PM 3:08

November 11, 1998

Ms. Eva Chu
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

*dep/ref and
case was closed 12/31/97
send file back to Oakland
STD 6564*

Subject: Well Destruction and Abandonment at Freedom Fund Inc. Site, 9755 Edes Avenue, /525 9874
Oakland, California 94603

Ms. Chu:

At the request of the Freedom Fund Inc., Gettler-Ryan Inc. (GR) destroyed two groundwater monitoring wells and abandoned six wells at the subject site (Figure 1). This work was performed in response to a 'No Further Action' letter issued by Alameda County Health Care Services Agency on December 31, 1997. On October 1, 1998, GR observed Bay Area Exploration Inc. (BAE) (C57-720904) destroy wells MW-3 and MW-8. On October 21, 1998 GR observed BAE abandon wells MW-1, MW-2, MW-4, MW-5, MW-6, and MW-7. A copy of the permits issued by Alameda County Public Works Agency (ACPWA) are attached. Locations of the former wells are shown on the attached site plan (Figure 2). A summary of well destruction and abandonment activities is presented in Table 1. Copies of the State of California Well Completion Reports are attached.

Two 2-inch diameter wells (MW-3 and MW-8) were drilled out to one foot below the bottom of the well using 8-inch diameter augers. The augers were removed and the borings were backfilled to within two feet of the surface with neat cement using a tremie pipe and pump. Six 2-inch diameter wells (MW-1, MW-2, MW-4, MW-5, MW-6, and MW-7) were backfilled to the top of casing with neat cement using a tremie pipe and pump. Prior to removal of the wellhead boxes, a pressure of approximately 10 pounds per square inch was applied to the top of the well casing for 2 minutes. The well box was then removed and the upper 3 feet of each well were drilled out. Each of the borings were then backfilled with native material.

The wells have been properly abandoned as required by California Department of Water Resources Water Well Standards (Bulletins 74-81 and 74-90) and ACPWA guidelines. If you have any questions, please call us in our Dublin office at (925) 551-7555.

Sincerely,
Gettler-Ryan Inc. by

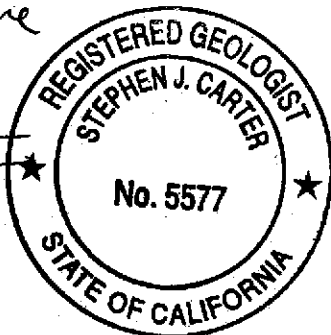
Clyde J. Galantine

Clyde J. Galantine
Project Geologist

Stephen J. Carter

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

346409.04-1



Attachments: Figure 1. Vicinity Map
 Figure 2. Site Plan
 Table 1. Summary of Well Abandonment
 Well Abandonment Permit
 State of California Well Completion Reports

cc: Shannon Reeves, Freedom Fund Inc.



Source: Street Atlas USA, Delorme (1995).



Gettler - Ryan Inc.

6747 Sierra Ct., Suite J (510) 551-7555
Dublin, CA 94568

VICINITY MAP
Freedom Fund Inc.
9755 Edes Avenue/593 98th Avenue
Oakland, California

FIGURE

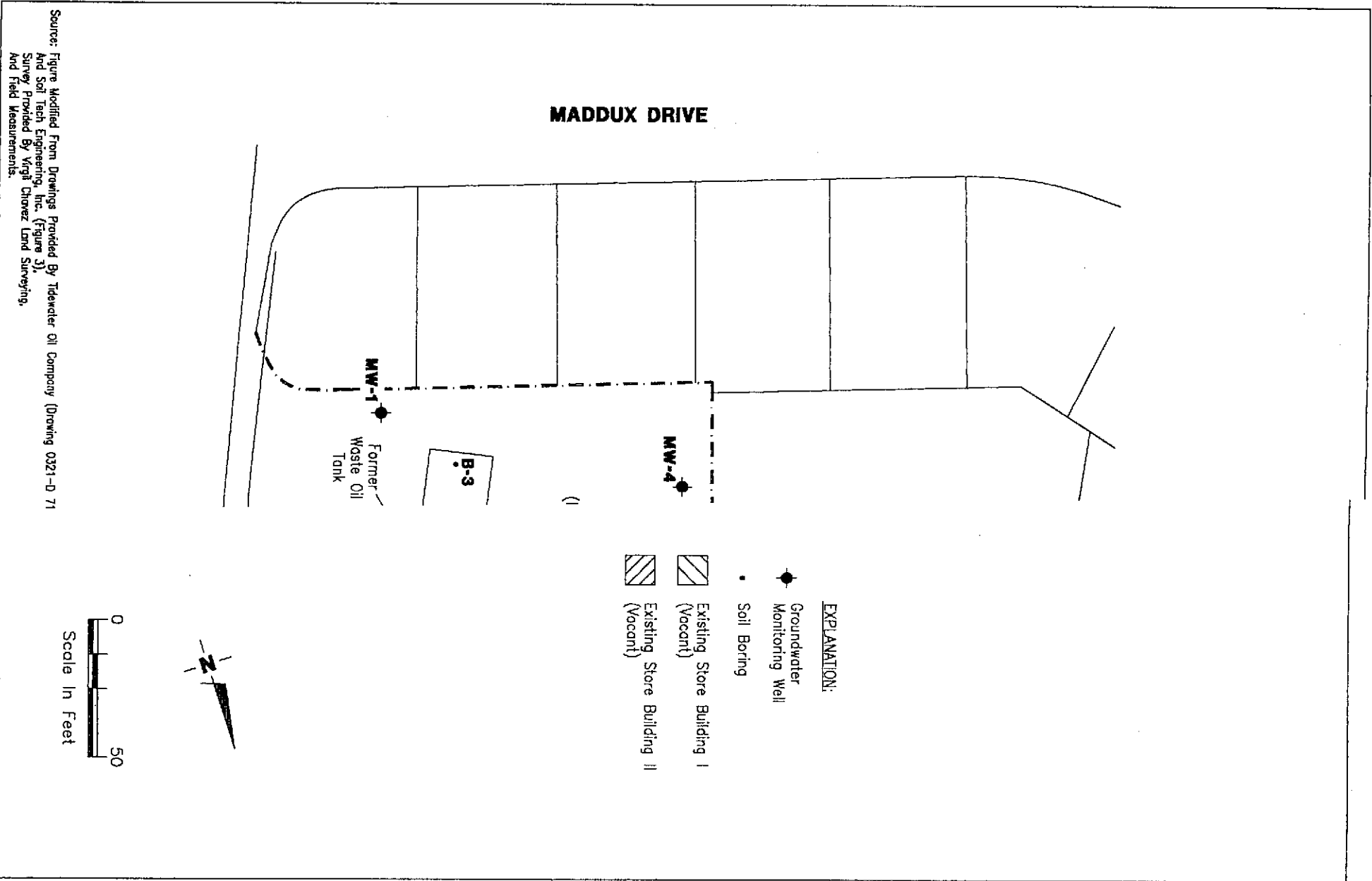
1

JOB NUMBER
6409

REVIEWED BY

DATE
08/97

REVISED DATE



Source: Figure Modified From Drawings Provided By Tidewater Oil Company (Drawing 0321-D-71 And Soil Tech Engineering, Inc. (Figure 3), Survey Provided By Virgil Chavez Land Surveying, And Field Measurements.



Gettler - Ryan Inc.

6747 Sierra Ct., Suite J (510) 551-7555
Dublin, CA 94568

SITE MAP
Freedom Fund Inc.
9755 Edes Avenue/593 98th Avenue
Oakland, California

FIGURE
2

JOB NUMBER
6409

REVIEWED BY

DATE
10/97

REVISED DATE

WELL DESTRUCTION AND ABANDONMENT

DATE: 10/21/98 GR/GSI Job #: 346409.04

Geologist/Engineer CLYDE GALANTINE

Client/Station #: FREEDOM FUND INC. /CHEVRON

Address: 9755 EDES STREET, OAKLAND, CALIFORNIA

Well ID #	Casing Diameter (in.)	Depth to Water (Ft. TOC)	Measured Well Depth (ft. bgs)	Installed Well Depth (ft. bgs)	Drilled Depth (ft. bgs)
MW-1	2	10.04	22.15	22	PRESSURE GROUT
MW-2	2	9.81	22.52	22	PRESSURE GROUT
MW-3	2	-----	-----	22	23
MW-4	2	9.77	22.41	22	PRESSURE GROUT
MW-5	2	9.46	22.51	22	PRESSURE GROUT
MW-6	2	9.50	22.60	22	PRESSURE GROUT
MW-7	2	9.21	22.05	22	PRESSURE GROUT
MW-8	2	-----	-----	22	23



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
351 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2051
PHONE (510) 670-6075 ANDREAS GODFREY FAX (510) 670-5242
(510) 670-5248 ALVIN KAN

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 9755 Edes Avenue
Oakland

California Coordinates Source _____ ft. Accuracy ± _____ ft.
CON _____ ft. CCR _____ ft.
APN _____

CLIENT Freedom Fund Inc
Name _____ Phone (415) 942-9136
Address 977 Castaneda St City Oakland, CA
City _____ Zip 94605

APPLICANT Gettier-Ryan Inc.
Name _____ Fax (415) 631-1317
Address 3164 Gold Camp Dr #2240 Phone (415) 631-1300
City Rockledge Zip 95670

TYPE OF PROJECT
Well Construction Geotechnical Investigation
Cathodic Protection General
Water Supply Contamination
Heat/Refrig Well Destruction
MW-1, MW-2, MW-4 → MW-7

PROPOSED WATER SUPPLY WELL USE
New Domestic Replacement Domestic
Municipal Irrigation
Industrial Other _____

DRILLING METHOD:
Mud Rotary Air Rotary Auger
Cable Other Pressure Grouting

DRILLER'S LICENSE NO. C57-522125

WELL PROJECTS
• Drill Hole Diameter _____ in. Maximum _____ ft.
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Number _____

GEOTECHNICAL PROJECTS
Number of Borings _____ Maximum _____ ft.
Hole Diameter _____ in. Depth 41 ft.

ESTIMATED STARTING DATE 10/14/98
ESTIMATED COMPLETION DATE 10/16/98

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 13-48.

APPLICANT'S SIGNATURE Stephan Carter DATE 10/12/98

FOR OFFICE USE

PERMIT NUMBER 98WR434
WELL NUMBER _____
APN _____

PERMIT CONDITIONS

Cited Permit Requirements Apply

(A) GENERAL

1. A permit application should be submitted to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of work the original Department of Water Resources Water Well Drillers Report or equivalent report, or drilling logs and location of geotechnical projects.
3. Permit is void if project not begun within 60 approval date.

B. WATER SUPPLY WELLS

1. Minimum surface seal thickness is two inch cement grout placed by trowel.
2. Minimum seal depth is 50 feet for municipal industrial wells or 20 feet for domestic and wells unless a lesser depth is specially approved.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inch cement grout placed by trowel.
2. Minimum seal depth for monitoring wells is maximum depth practicable or 20 feet.

D. GEOTECHNICAL

Backfill bore hole with compacted cuttings or bentonite and upper two feet with compacted in areas of known or suspected contamination, cement grout shall be used in place of compacted cuttings.

E. CATHODIC

Fill hole above anode zone with concrete placed.

(F) WELL DESTRUCTION

See attached.

G. SPECIAL CONDITIONS

APPROVED Alvin Kan 10/14/98
DA:

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED