

ENVIRONMENTAL
PROTECTION



Chevron

99 JAN 26 PM 4: 57

January 22, 1999

Chevron Products Company
6001 Bollinger Canyon Road
Building L, Room 1110
PO Box 6004
San Ramon, CA 94583-0904

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
1131 harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Philip R. Briggs
Project Manager
Site Assessment & Remediation
Phone 925 842-9136
Fax 925 842-8370

Re: Former Signal Bulk Plant
2001 Verailles Avenue
Alameda, California

Dear Mr. Chan:

Enclosed is the Well Destruction report, dated January 20, 1999, that was prepared by our consultant Gettler-Ryan at the above noted site. This report describes the destruction of six ground water monitoring wells, MW-1 through MW-6. Copies of the State of California Well Completion Reports and the Alameda County Public Works Agency permit are attached.

With the destruction of the wells, please issue a Remedial Action Completion letter (closer letter) for this site as stated in your letter of November 3, 1998.

If you have any questions please call me at (925) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

A handwritten signature in black ink that reads "Philip R. Briggs". The signature is written in a cursive, flowing style.

Philip R. Briggs
Site Assessment and Remediation Project Manger

Enclosure

January 22, 1999
Mr. Barney Chan
Former Signal Bulk Plant
Page 2

Cc: Ms. Bette Owen, Chevron

Mr. Clifford Mapes
14 Grass Valley Court
Oakland, CA 94605

Exxon Company, U.S.A.
Marketing Department
Attn. Distribution Manager
800 Bell Street, Suite 2845
Houston, TX 77002

Mr. William J. Stack
Exxon Company, U.S.A.
800 Bell Street, Suite 4137
Houston, TX 77002

Ms. M. Guenaler
Exxon Company, U.S.A.
PO Box 4032
Concord, CA 94524-2032

John & Molly King
King Petroleum, Inc.
PO Box 137
Woodacre, CA 94973



GETTLER-RYAN INC.

January 18, 1999

Mr. Phil Briggs
Chevron Products Company
P. O. Box 6004
San Ramon, California 94583

Subject: Well Destruction at Former Chevron Bulk Plant, 2001 Versailles Avenue, Alameda, California.

Mr. Briggs:

At the request of Chevron Products Company, Gettler-Ryan Inc. (GR) destroyed six groundwater monitoring wells at the above referenced site. The well destruction was requested by the Alameda County Health Care Services Agency (ACHCSA) in their letter to Chevron dated November 3, 1998 (attached). On December 21, 1998, GR observed Bay Area Exploration Inc. (C57 #522125) destroy wells MW-1 through MW-6. A copy of a well destruction permit #98WR527 issued by the Alameda County Public Works Agency (ACPWA) on December 16, 1998, is attached. Locations of the former wells are shown on the Site Plan (Figure 1). Well destruction activities are summarized in Table 1. Copies of the State of California Well Completion Reports are attached.

Six 2-inch diameter wells were backfilled to the top of casing with neat cement using a tremie pipe and pump. Prior to removal of well monuments, a pressure of approximately 10 pounds per square inch was applied to the top of each well casing for approximately 2 minutes. The well monuments were removed, the upper portions of well casing were drilled out to approximately 2 feet below ground surface, and the remaining holes were backfilled with native material.

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

Sincerely
Gettler-Ryan Inc.

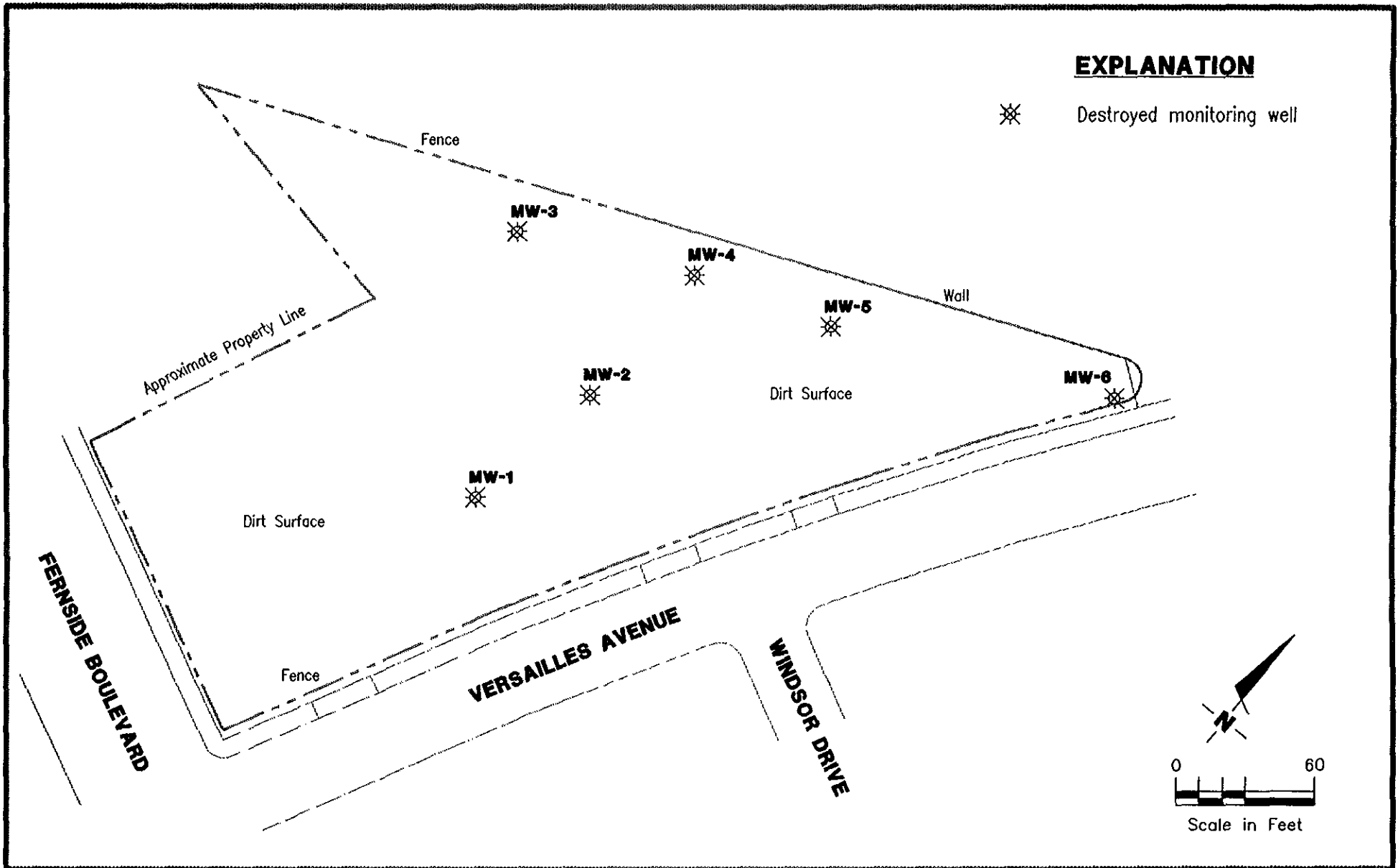
Barbara Sieminski
Project Geologist
R.G. 6676

Stephen J. Carter
Senior Geologist
R.G. 5577



Attachments: Figure 1. Site Plan
Table 1. Summary of Well Destruction Activities
ACHCSA Well Destruction Request Letter
Well Destruction Permit
State of California Well Completion Reports

ATTACHMENTS



Gottler - Ryan Inc.

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

SITE PLAN

Former Chevron Bulk Plant
2001 Versailles Avenue
Alameda, California

FIGURE

1

JOB NUMBER
346470.01

REVIEWED BY

DATE
January, 1999

REVISED DATE

Table 1. Summary of Well Destruction Activities - Former Chevron Bulk Plant, 2001 Versailles Avenue, Alameda, California.

Well ID	Well Destruction Date	Well Diameter (inches)	Installed Well Depth ¹ (feet)	Well Depth ² on 12/21/98 (feet)	Well Monument Height above ground surface on 12/21/98 (feet)	Depth to Water ³ on 12/21/98 (feet)	Destruction Method
MW-1	12/21/98	2	20.5	22.5	2.0	5.90	Pressure grouted with neat cement
MW-2	12/21/98	2	20.5	22.2	2.0	5.00	Pressure grouted with neat cement
MW-3	12/21/98	2	21.5	23.3	1.9	7.48	Pressure grouted with neat cement
MW-4	12/21/98	2	19.2	22.1	1.5	7.20	Pressure grouted with neat cement
MW-5	12/21/98	2	20.5	22.0	1.5	6.26	Pressure grouted with neat cement
MW-6	12/21/98	2	20.2	20.9	2.0	7.66	Pressure grouted with neat cement

EXPLANATION:

- ¹ = Measured from ground surface.
- ² = Measured from top of well monument.
- ³ = Measured from top of casing.

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1121 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-0577
(510) 567-8700
FAX (510) 337-9335

November 3, 1998
StID # 607

Mr. Clifford Mapes
14 Grass Valley Ct.
Oakland CA 94605

Chevron USA Products Co. c/o
Mr. Phil Briggs
6001 Bollinger Canyon Rd., Bld L
San Ramon, CA 94583

King Petroleum c/o
John & Molly King
P.O. Box 137
Woodacre, CA 94973

Exxon Co., USA c/o
Ms. Marla Guensler
P.O. Box 4032
Concord CA 94524-4032

Re: Closure of Monitoring Wells at 2001 Versailles Ave. Alameda CA 94501

Dear Messrs. Mapes and Briggs, Mr. and Mrs. King and Ms. Guensler:

This letter is to inform you that in regards to the subsurface investigation of the petroleum release from the former underground storage tanks, our office has received Regional Water Quality Control Board concurrence for site closure of the above referenced site. Prior to issuing a closure letter, our office requires the proper closure of the remaining six (6) monitoring wells at the above site.

Please contact Alameda County Public Works for the specific requirements for well closure. Their contact is Mr. Andreas Godfrey, who can be reached at (510) 670-3375.

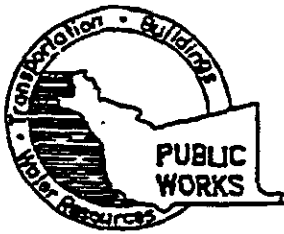
Please contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

W142001



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

951 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2651
PHONE (510) 670-5575 ANDREAS GODFREY FAX (510) 670-5262
(510) 670-5248 ALVIN KAN

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 2001 Versailles Ave
Alameda, CA
Former Chevron Bulk Plant

PERMIT NUMBER 98WR527
WELL NUMBER _____
APN _____

California Coordinates Source _____ ft. Accuracy ± _____ ft.
CCN _____ ft. CCE _____ ft.
APN _____

PERMIT CONDITIONS

Circled Permit Requirements Apply

CLIENT
Name Chevron Products Co.
Address P.O. Box 6004 Phone (925) 842-9136
City San Ramon Zip 94583

A. GENERAL

1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

APPLICANT
Name Gettler - Ryan Inc / Barbara Sienkivski
Address 6747 Sierra Ct, Sky Phone (925) 551-7555
City Dublin Zip 94568

B. WATER SUPPLY WELLS

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

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	<input type="checkbox"/>	General	<input type="checkbox"/>
Water Supply	<input type="checkbox"/>	Contamination	<input type="checkbox"/>
Monitoring	<input type="checkbox"/>	Well Destruction	<input checked="" type="checkbox"/>

Pressure grouting with neat cement

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

PROPOSED WATER SUPPLY WELL USE

New Domestic	<input type="checkbox"/>	Replacement Domestic	<input type="checkbox"/>
Municipal	<input type="checkbox"/>	Irrigation	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	Other _____	<input type="checkbox"/>

D. GEOTECHNICAL

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

DRILLING METHOD:

Mud Rotary	<input type="checkbox"/>	Air Rotary	<input type="checkbox"/>	Auger	<input type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input type="checkbox"/>		

E. CATHODIC

Fill hole above anode zone with concrete placed by tremie.

DRILLER'S LICENSE NO. C 57-522125

F. WELL DESTRUCTION

See attached.

WELL PROJECTS

Drill Hole Diameter	<u>N/A</u> in.	Maximum	
Casing Diameter	<u>2</u> in.	Depth	<u>21</u> ft.
Surface Seal Depth	<u>N/A</u> ft.	Number	<u>6</u> (HW-1 through HW-6)

G. SPECIAL CONDITIONS

GEOTECHNICAL PROJECTS

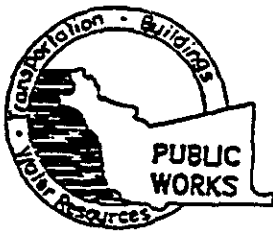
Number of Borings	_____	Maximum	
Hole Diameter	_____ in.	Depth	_____ ft.

ESTIMATED STARTING DATE 12/21/98
ESTIMATED COMPLETION DATE 12/21/98

APPROVED Alvin Kan DATE 12/16/98

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE Barbara Sienkivski DATE 12/07/98



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

951 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2651

PHONE (510) 670-5575 ANDREAS GODFREY FAX (510) 670-5262
(510) 670-5248 ALVIN KAN

WATER RESOURCES SECTION GROUNDWATER PROTECTION ORDINANCE For Pressure Grouting of Monitoring Well

2001 VERSAILLES AVE

ALAMEDA

PERMIT NO. 98WR527

Destruction Requirements:

1. Clean out all bridged or poorly compacted materials to the bottom of the well.
2. Pressure grout the casing to 2 feet below finished grade or original ground, whichever is the lower elevation.
3. Remove casing, seal and gravel pack to 2 feet below finished grade or original ground, whichever is the lower elevation.
4. After the seal has set, backfill the remaining hole with compacted material.

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

**STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)**

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