



**CONESTOGA-ROVERS
& ASSOCIATES**

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
www.CRAworld.com

TRANSMITTAL

DATE: January 11, 2011 REFERENCE NO.: 120741
 PROJECT NAME: 1499 MacArthur Blvd., Oakland
 TO: Jerry Wickham ACEHS Case #RO 516
Alameda County Environmental Health
UST Local Oversight Program
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

RECEIVED
 10:21 am, Jan 12, 2011
 Alameda County
 Environmental Health

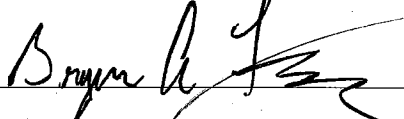
Please find enclosed: Draft Final
 Originals Other
 Prints

Sent via: Mail Same Day Courier
 Overnight Courier Other Geotracker and ACEH FTP uploads

QUANTITY	DESCRIPTION
1	Well Destruction Report

As Requested For Review and Comment
 For Your Use _____

COMMENTS:
 Should you have any questions regarding the contents of this document, please contact Bryan Fong at (510) 420-3369.

Copy to: Ms. Naomi Gatzke
 Completed by: Bryan Fong Signed: 
[Please Print]

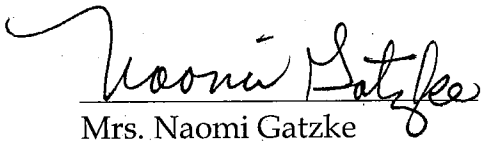
Filing: Correspondence File

With respect to:

Well Destruction Report

Dated January 11, 2011
Fuel Leak Case No. RO0000516

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.


Mrs. Naomi Gatzke

1-7-11
Date



WELL DESTRUCTION REPORT

**GATZKE / HOOSHI'S AUTO SERVICE
1499 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA 94602**

AGENCY CASE NO. RO0000516

Prepared For:

**Mr. Jerry Wickham
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577**

**JANUARY 11, 2011
REF. NO. 120741 (9)**

This report is printed on recycled paper.

**Prepared by:
Conestoga-Rovers
& Associates**

5900 Hollis Street, Suite A
Emeryville, California
U.S.A. 94608

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1.0 INTRODUCTION

On behalf of Ms. Naomi Gaztke, Conestoga-Rovers & Associates (CRA) has prepared this *Well Destruction Report* which documents well decommissioning as requested by the Alameda County Environmental Health Services Agency (ACEH) in a letter dated August 19, 2010 (Appendix A). Well destruction activities were conducted in accordance with the Alameda County Public Works Department requirements as requested by the ACEH in an e-mail dated September 9, 2010 (Appendix A). Presented below are the site description and well destruction activities.

1.1 SITE DESCRIPTION

The site is located at 1499 MacArthur Boulevard in Oakland, California, and currently occupied by an automobile repair/service business. It is located in a commercial and residential area, bound by MacArthur Boulevard to the north, 14th Avenue to the east, and Interstate 580 to the south. Surrounding topography is relatively hilly and generally slopes to the south and southwest. Prior to 1990, the site apparently operated as a gasoline service station.

2.0 WELL DESTRUCTION ACTIVITIES

2.1 PREFIELD ACTIVITIES

Prior to initiating any field activities, CRA obtained well destruction permits from the Alameda County Public Works Department (Appendix B). A site specific health and safety plan was prepared and reviewed by all appropriate personnel. All proposed groundwater monitoring well and soil gas well destruction locations were pre-marked with white paint and Underground Service Alert (USA) was notified to identify potential subsurface utilities in the area. Copies of the well destruction permits are included as Appendix B.

2.2 WELL DESTRUCTION

Vapor Tech Services (VTS) of Berkeley, California destroyed monitoring wells MW-1 through MW-6 by pressure grouting. VTS tremie grouted neat Portland Type I/II cement into each monitoring well. After each well was filled with cement, 25 pounds per square inch (psi) of air pressure was applied to the cement column in the

well for at least 5 minutes. If the cement in the well casing subsided after the initial application of air pressure, VTS topped off the cement in the well and applied 25 psi of air pressure for an additional 5 minutes. The process was repeated until the cement in each well was stable under pressure. Upon completion of pressure grouting, the upper exposed portion of casing and well boxes for MW-3, MW-4, and MW-6 were removed, and filled to grade with concrete to match the existing surface. The lids for well box vaults MW-1, MW-2, and MW-5 were removed and the void filled flush to grade with concrete to prevent damage to the surrounding surface.

VTS destroyed soil gas wells SG-1 through SG-10 by hand auger. A 4-inch diameter hand auger was advanced to approximately 6.5 feet below grade surface (ft bgs) to remove the well construction materials (soil gas probe, tubing, and bentonite seal). After all well materials were removed, neat Portland Type I/II cement was poured into each boring. Each well box was removed and the remaining void filled with concrete to match the surrounding surface. On December 10, 2010 an ACEH inspector was on Site to inspect the well destruction activities. A copy of the completed inspection confirmation is included in Appendix B.

CRA's standard operating procedures for monitoring well destruction are presented as Appendix C.

2.3 WASTE DISPOSAL

Waste generated during well destruction activities were placed into 55-gallon drums, sampled, and profiled as non hazardous waste based on the laboratory analytical results. The drums were picked up by Filter Recycling Services, Inc. on December 23, 2010, and transported to their disposal facility in Rialto, California. Copies of the waste manifest are included in Appendix E.

2.4 WELL COMPLETION FORMS

Department of Water Resources (DWR) Well Completion Reports have been completed and submitted to the appropriate agencies. Copies of the DWR Well Completion Reports are included in Appendix D.

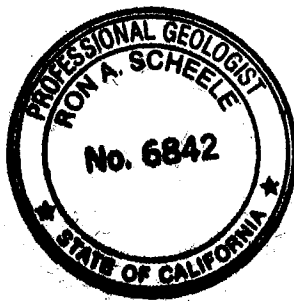
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES



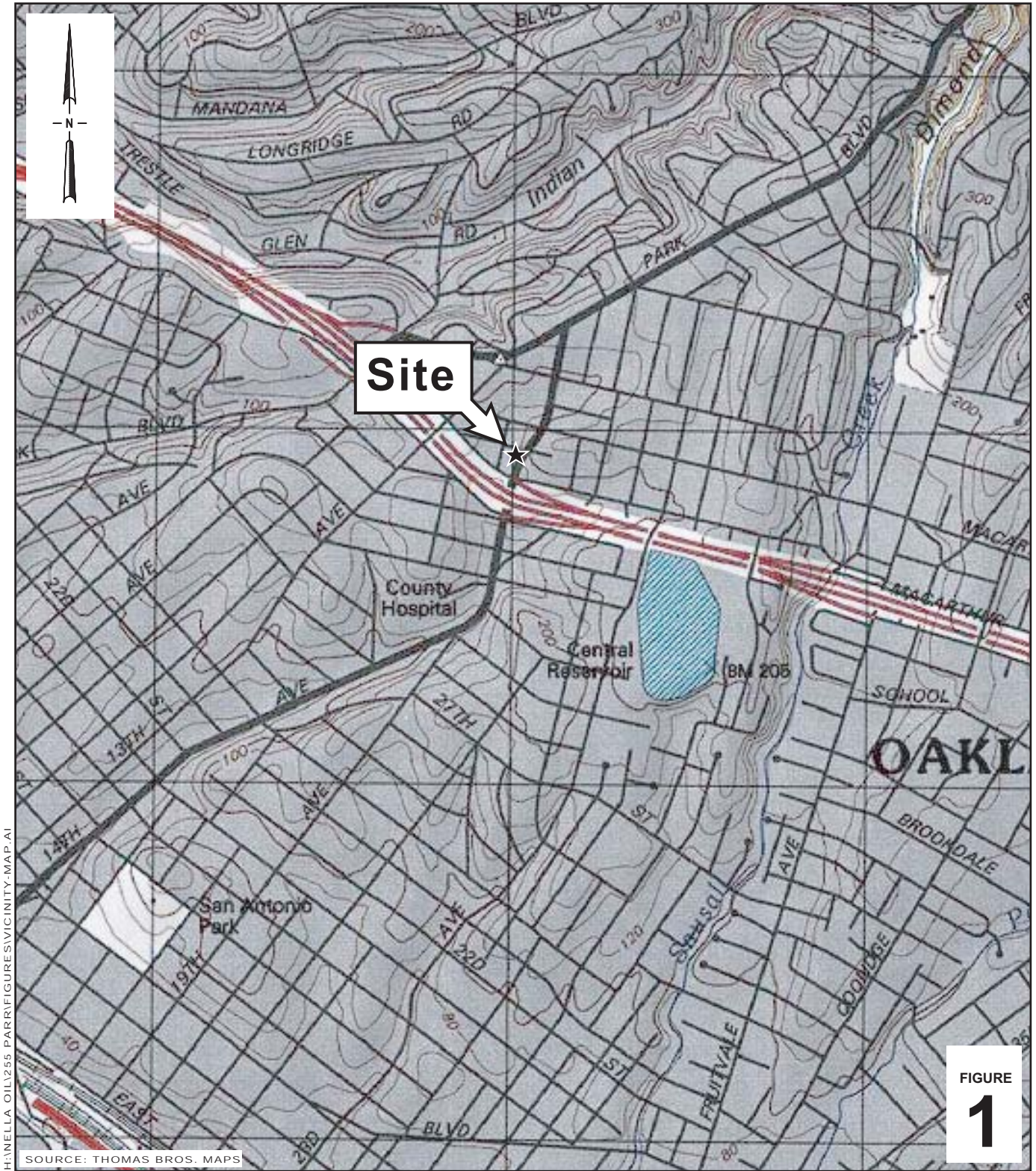
Bryan A. Fong



Ron Scheele, P.G.



FIGURES



H:\NELLA_OILY\255_PARR\FIGURES\VICINITY_MAP.A1

SOURCE: THOMAS BROS. MAPS

FIGURE
1

0 1/8 1/4 1/2 1
SCALE : 1" = 1/4 MILE

Hooshi's Auto Service

1499 MacArthur Boulevard
Oakland, California



**CONESTOGA-ROVERS
& ASSOCIATES**

Vicinity Map



EXPLANATION

- | | | | |
|---|--------------------------------------|-------|---------------------|
| ● | Destroyed monitoring well location | — W | Water line |
| ⊙ | Destroyed soil gas sampling location | — G | Gas line |
| | | — SAN | Sanitary sewer line |
| | | — STM | Storm drain line |

FIGURE 2
SITE PLAN
HOOSHI'S AUTO SERVICE
1499 MacARTHUR BOULEVARD
Oakland, California



APPENDIX A

AGENCY CORRESPONDENCE



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

August 19, 2010

Ms. Naomi Gatzke
1545 Scenic View Drive
San Leandro, CA 94577

Mr. Hooshi Ghassemi
1499 MacArthur Blvd.
Oakland, CA 94602-1045

Subject: Well Decommissioning for Fuel Leak Case No. RO0000516 and Geotracker Global ID T0600100714, Hooshi's Auto Service, 1499 MacArthur Blvd., Oakland, CA 94602

Dear Ms. Gatzke and Mr. Ghassemi:

Alameda County Environmental Health (ACEH) have reviewed the fuel leak case file and case closure summary for the above-referenced site and concur that no further action related to the underground storage tank fuel release is required at this time. Prior to issuance of a remedial action completion certificate and case closure, we request that the monitoring wells at the site be properly decommissioned, should the monitoring wells have no further use at the site. Please decommission the monitoring wells and provide documentation of the well decommissioning to this office no later than December 17, 2010. A remedial action completion certificate will be issued following receipt of the documentation.

The case will be closed with the following site management requirement:

"Case closure for this fuel leak site is granted for the current commercial land use and the existing buildings only. If a change in land use to any residential or other conservative land use scenario occurs at this site; Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH must also be notified if any construction or excavation activities take place or the building structure is otherwise modified. ACEH will re-evaluate the case upon receipt of approved development/construction plans. This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site."

Well destruction permits may be obtained from the Alameda County Public Works Agency (<http://www.acgov.org/pwa/wells/index.shtml>). If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Responsible Parties
RO0000367
August 19, 2010
Page 2

Attachment: Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612-2032
(Sent via E-mail to: lgriffin@oaklandnet.com)

Bryan Fong, Conestoga-Rovers & Associates, 5900 Hollis Street, Suite A, Emeryville, CA 94608 2032
(Sent via E-mail to: bfong@croworld.com)

Donna Drogos, ACEH (Sent via E-mail to: donna.drogos@acgov.org)

Jerry Wickham, ACEH

Geotracker, File

Attachment 1
Responsible Party(ies) Legal Requirements/Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and [other](#) data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: July 8, 2010
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

- 1) Obtain User Name and Password:
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
Or
 - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Teena Le Khan.
 - b) In the subject line of your request, be sure to include "**ftp PASSWORD REQUEST**" and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for**.
- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
 - b) Click on Page on upper right side of browser, and then scroll down to Open FTP Site in Windows Explorer.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
 - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

APPENDIX B

PERMITS

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 11/18/2010 By jamesy

Permit Numbers: W2010-0881 to W2010-0887
Permits Valid from 12/08/2010 to 12/10/2010

Application Id: 1290108060253
Site Location: 1499 MacArthur Blvd, Oakland, CA
Project Start Date: 12/08/2010
Assigned Inspector: Contact Vicky Hamlin at (510) 670-5443 or vickyh@acpwa.org

City of Project Site:Oakland
Completion Date:12/10/2010

Applicant: Conestoga Rovers & Associates - Bryan Fong
5900 Hollis St, Ste A, Emeryville, CA 94608
Property Owner: Naomi Gatzke
1545 Scenic View Dr, San Leandro, CA 94577
Client: ** same as Property Owner **

Phone: 510-420-0700
Phone: 510-483-9015

	Total Due:	\$2647.00
Receipt Number: WR2010-0396	Total Amount Paid:	\$2647.00
Payer Name : Conestoga Rovers & Associates	Paid By: CHECK	PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 6 Wells
Driller: Vapor Tech - Lic #: 916085 - Method: Hand

Work Total: \$2382.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2010-0881	11/18/2010	03/08/2011	MW1	0.00 in.	2.00 in.	0.00 ft	20.00 ft	1S/3W31H3	No Records	No Records
W2010-0882	11/18/2010	03/08/2011	MW2	0.00 in.	2.00 in.	0.00 ft	20.00 ft	1S/3W31H4	No Records	No Records
W2010-0883	11/18/2010	03/08/2011	MW3	0.00 in.	2.00 in.	0.00 ft	20.00 ft	1S/3W31H5	No Records	No Records
W2010-0884	11/18/2010	03/08/2011	MW4	0.00 in.	2.00 in.	3.50 ft	20.00 ft	1S/3W31H6	96410	No Records
W2010-0885	11/18/2010	03/08/2011	MW5	0.00 in.	2.00 in.	3.50 ft	20.00 ft	1S/3W31H7	96410	No Records
W2010-0886	11/18/2010	03/08/2011	MW6	0.00 in.	2.00 in.	3.50 ft	20.00 ft	1S/3W31H8	96410	No Records

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with

Alameda County Public Works Agency - Water Resources Well Permit

appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

4. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.
5. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.
6. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
7. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
8. Remove the Christy box or similar structure.

Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil.

After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

9. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

Well Destruction-Vapor monitoring well - 10 Wells

Driller: Vapor Tech - Lic #: 916085 - Method: Hand

Work Total: \$265.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2010-0887	11/18/2010	03/08/2011	SG1	3.00 in.	0.25 in.	4.50 ft	5.50 ft	1S/3W31H	W2006-1025	No Records
W2010-0887	11/18/2010	03/08/2011	SG10	3.00 in.	0.25 in.	4.50 ft	5.50 ft	1S/3W31H	W2006-1025	No Records
W2010-0887	11/18/2010	03/08/2011	SG2	3.00 in.	0.25 in.	4.50 ft	5.50 ft	1S/3W31H	W2006-1025	No Records
W2010-0887	11/18/2010	03/08/2011	SG3	3.00 in.	0.25 in.	4.50 ft	5.50 ft	1S/3W31H	W2006-1025	No Records
W2010-0887	11/18/2010	03/08/2011	SG4	3.00 in.	0.25 in.	4.50 ft	5.50 ft	1S/3W31H	W2006-1025	No Records
W2010-	11/18/2010	03/08/2011	SG5	3.00 in.	0.25 in.	4.50 ft	5.50 ft	1S/3W31H	W2006-	No Records

Alameda County Public Works Agency - Water Resources Well Permit

0887										1025	
W2010-0887	11/18/2010	03/08/2011	SG6	3.00 in.	0.25 in.	4.50 ft	5.50 ft	1S/3W31H	W2006-1025	No Records	
W2010-0887	11/18/2010	03/08/2011	SG7	3.00 in.	0.25 in.	4.50 ft	5.50 ft	1S/3W31H	W2006-1025	No Records	
W2010-0887	11/18/2010	03/08/2011	SG8	3.00 in.	0.25 in.	4.50 ft	5.50 ft	1S/3W31H	W2006-1025	No Records	
W2010-0887	11/18/2010	03/08/2011	SG9	3.00 in.	0.25 in.	4.50 ft	5.50 ft	1S/3W31H	W2006-1025	No Records	

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.
2. Compliance with the above well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate state reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days, including permit number and site map.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
5. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
6. No changes in construction procedures or well type shall change, as described on this permit application. This permit may be voided if it contains incorrect information.
7. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.
8. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
9. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

Alameda County Public Works Agency - Water Resources Well Permit

10. Vapor monitoring wells constructed with tubing shall be decommissioned by complete removal of tubing, grout seal, and fill material of sand or bentonite. Fill material may be removed by hand auger if material can be removed completely.

Vapor monitoring wells constructed with pvc pipe less than 2" shall be overdrilled to total depth.

Vapor monitoring wells constructed with 2" pvc pipe or larger may be grouted by tremie pipe (any depth) or pressure grouted (less than 30', 25 psi for 5 min).

APPENDIX C

CRA STANDARD OPERATING PROCEDURES

Conestoga-Rovers & Associates

STANDARD FIELD PROCEDURES FOR WELL DESTRUCTION

This document presents standard field methods for destroying groundwater monitoring wells. The objective of well destruction is to destroy wells in a manner that is protective of potential water resources. The two procedures most commonly used are pressure grouting and drilling out the well. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

Pressure Grouting

Pressure grouting consists of pumping neat Portland cement through a tremie pipe to the bottom of the well and filling the well casing with cement from the bottom to the top. Displaced groundwater is contained at the wellhead and discharged into an appropriate container for disposal. The cement is composed of about five gallons of water per 94 lb. sack of Portland Type I/II Cement. Once the well casing is completely filled with cement, 25 pounds per square inch of air pressure is applied to the grout column using an air-compressor. The process is continued until the grout column is stable under pressure. In some instances, the well casing can also be pressurized by extending the well casing to the appropriate height and filling it with grout. In either case, the additional pressure allows the grout to be forced into the sand pack. After grouting the sand pack and casing, the well vault is removed and the area resurfaced or backfilled as required.

Well Drill Out

When well drill out is required, the well location is cleared for subsurface utilities and a hollow-stem auger drilling rig is used to drill out the well casing and filter pack materials. First, drill rods are dropped down the well and used to guide the augers as they drill out the well. Once the well is drilled out, the boring is filled with Portland cement injected through the augers or a tremie pipe under pressure to the bottom of the boring. The well vault is removed and the area resurfaced or backfilled as required.

APPENDIX D

WELL COMPLETION REPORTS

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STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

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Conestoga-Rovers & Associates, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	MW-1-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	08-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	08-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Tremi-Grout/Pressure Grout	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5 10 15 20			<u>WELL DESTROYED BY TREMI-GROUT/PRESSURE GROUT</u>	1.0	

WELL LOG (PID) I:\R16-CHARS\1207-1120741-HOOSHI BORING LOGS DEC 2006.GPJ DEFAULT.GDT 12/17/10

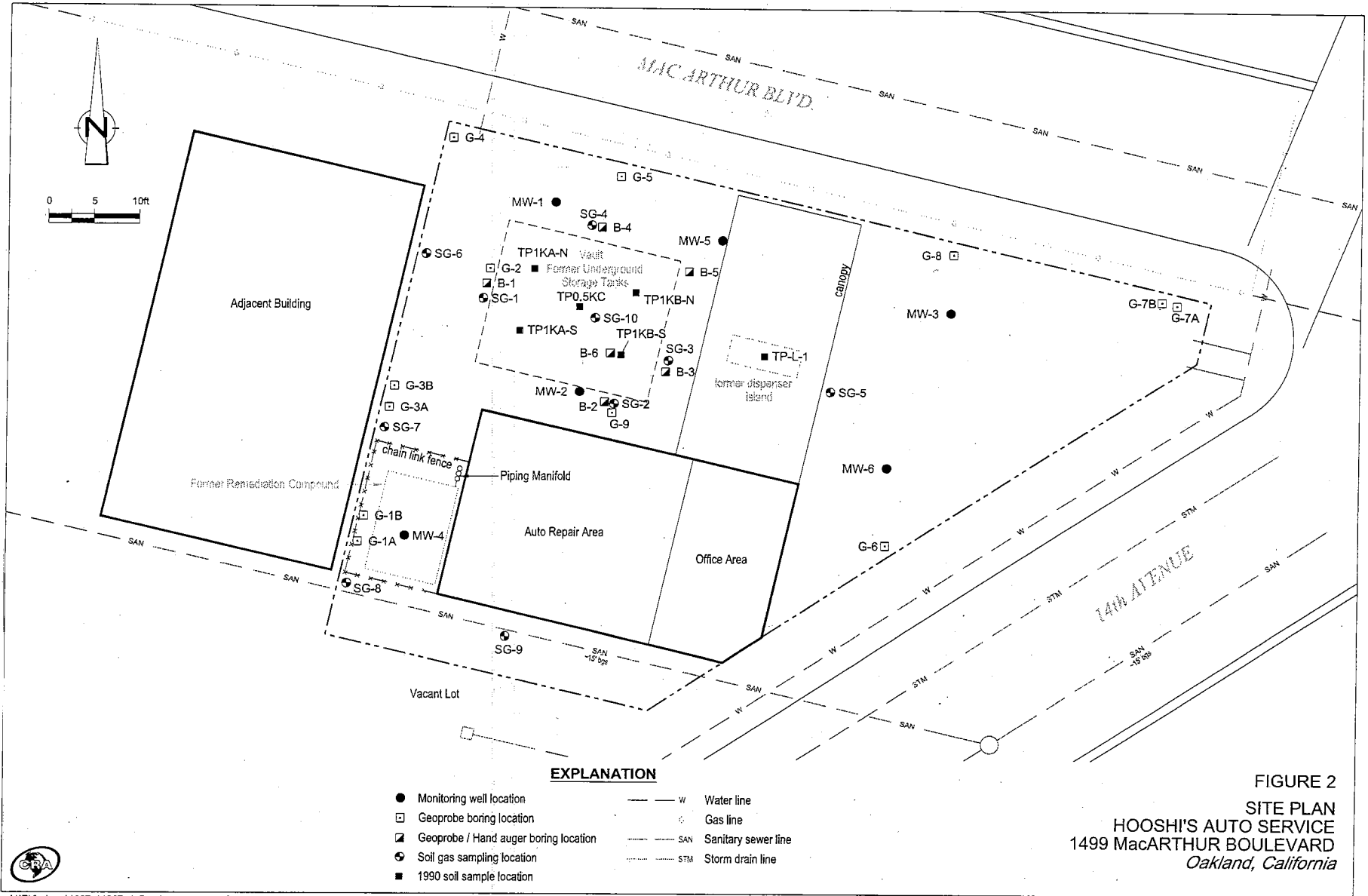


FIGURE 2
SITE PLAN
HOOSHI'S AUTO SERVICE
1499 MacARTHUR BOULEVARD
Oakland, California



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 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	<u>Naomi Gatzke</u>	BORING/WELL NAME	<u>MW-2-Destroyed</u>
JOB/SITE NAME	<u>Hooshi's Auto Service</u>	DRILLING STARTED	<u>08-Dec-10</u>
LOCATION	<u>1499 MacArthur Blvd. Oakland, CA</u>	DRILLING COMPLETED	<u>08-Dec-10</u>
PROJECT NUMBER	<u>120741</u>	WELL DEVELOPMENT DATE (YIELD)	<u>NA</u>
DRILLER	<u>Vapor Tech Services C-57 Lic. #916085</u>	GROUND SURFACE ELEVATION	<u>NA</u>
DRILLING METHOD	<u>Tremi-Grout/Pressure Grout</u>	TOP OF CASING ELEVATION	<u>NA</u>
BORING DIAMETER	<u>2-inch</u>	SCREENED INTERVALS	<u>NA</u>
LOGGED BY	<u>B. Fong</u>	DEPTH TO WATER (First Encountered)	<u>NA</u> ▼
REVIEWED BY	<u>R. Scheele, PG# 6842</u>	DEPTH TO WATER (Static)	<u>NA</u> ▼
REMARKS	<u>Well Destroyed</u>		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			<u>WELL DESTROYED BY TREMI-GROUT/PRESSURE GROUT</u>	1.0	
				10					
				15					
				20					

WELL LOG (PID) I:\R16-CHARS\1207-1120741-HOOSHI BORING LOGS DEC 2006.GPJ DEFAULT.GDT 12/17/10

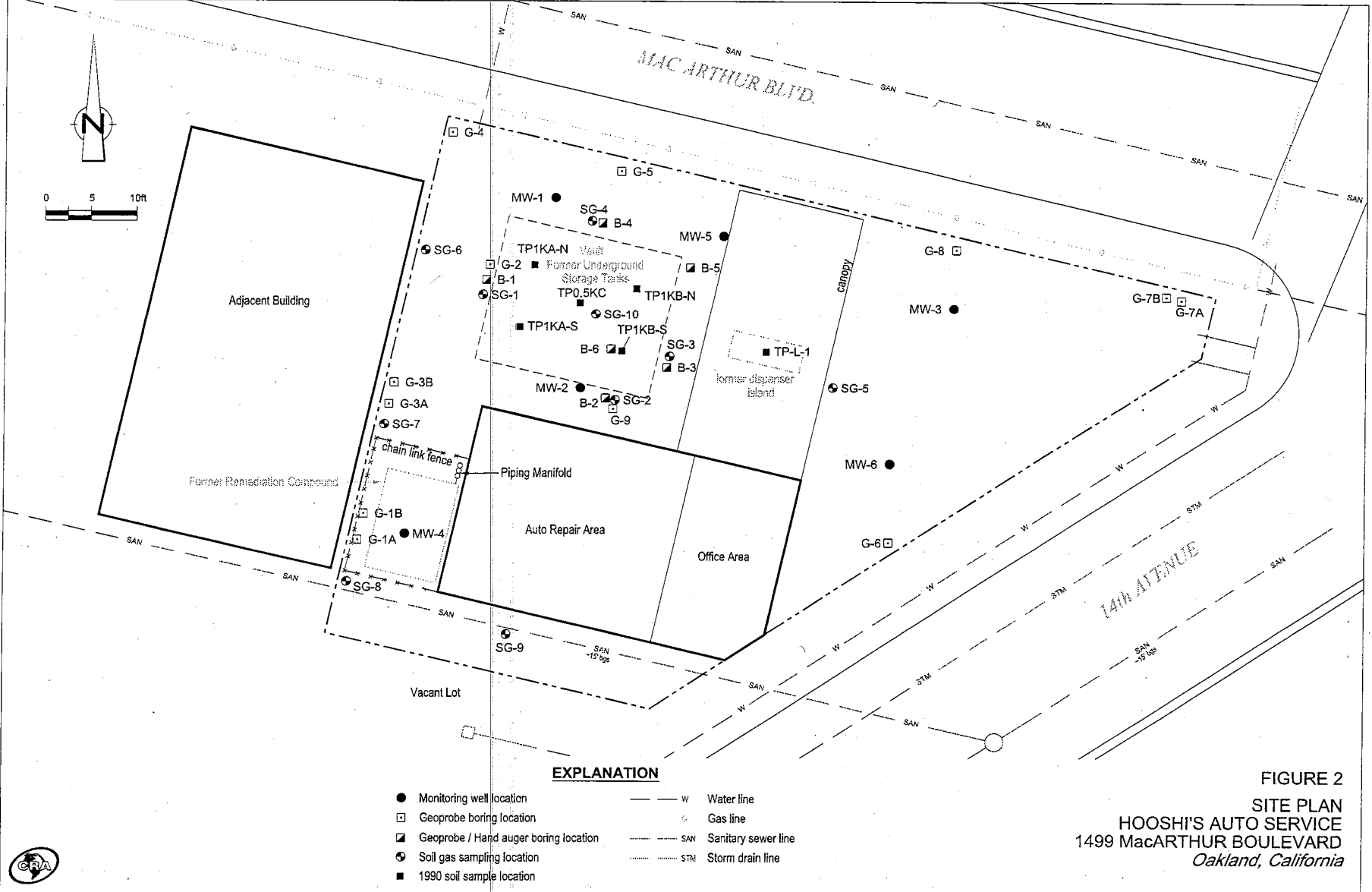


FIGURE 2
SITE PLAN
HOOSHI'S AUTO SERVICE
1499 MacARTHUR BOULEVARD
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BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	MW-3-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	08-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	08-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Tremi-Grout/Pressure Grout	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
			5 10 15 20			<u>WELL DESTROYED BY TREMI-GROUT/PRESSURE GROUT</u>	1.0	

WELL LOG (PID) I:\R16-CHARS\1207-1120741-HOOSHI BORING LOGS DEC 2006.GPJ DEFAULT.GDT 12/17/10

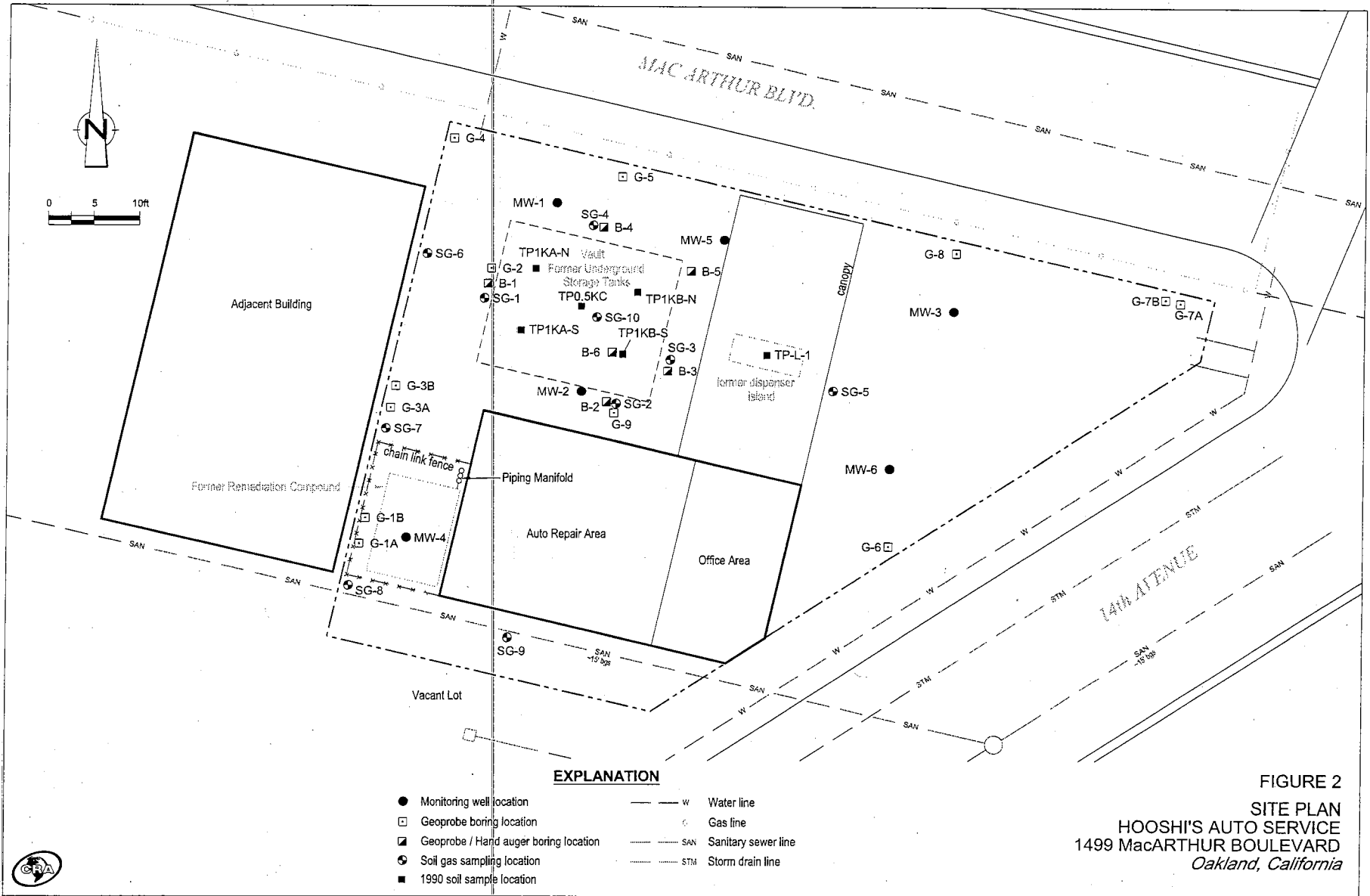


FIGURE 2
SITE PLAN
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1499 MacARTHUR BOULEVARD
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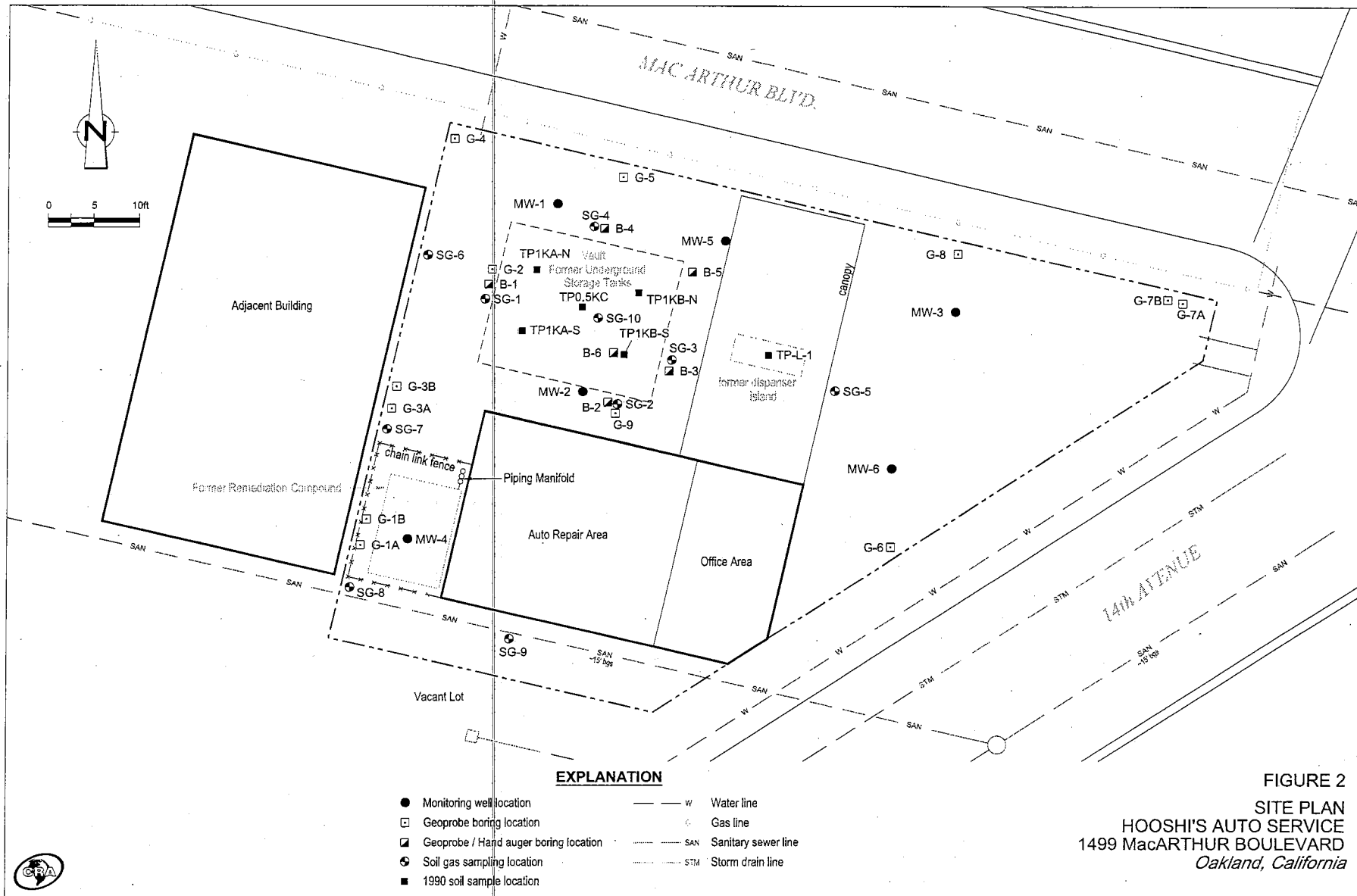
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 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	MW-4-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	08-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	08-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Tremi-Grout/Pressure Grout	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			<u>WELL DESTROYED BY TREMI-GROUT/PRESSURE GROUT</u>	1.0	
				10					
				15					
				20					

WELL LOG (PID) \RIR\6-CHARS\1207-1120741-1120741-HOOSHI BORING LOGS DEC. 2006.GPJ DEFAULT.GDT 12/17/10



EXPLANATION

- | | | | |
|---|---------------------------------------|-------|---------------------|
| ● | Monitoring well location | — W | Water line |
| □ | Geoprobe boring location | ○ | Gas line |
| ▣ | Geoprobe / Hand auger boring location | — SAN | Sanitary sewer line |
| ⊙ | Soil gas sampling location | — STM | Storm drain line |
| ■ | 1990 soil sample location | | |

FIGURE 2
SITE PLAN
HOOSHI'S AUTO SERVICE
1499 MacARTHUR BOULEVARD
Oakland, California



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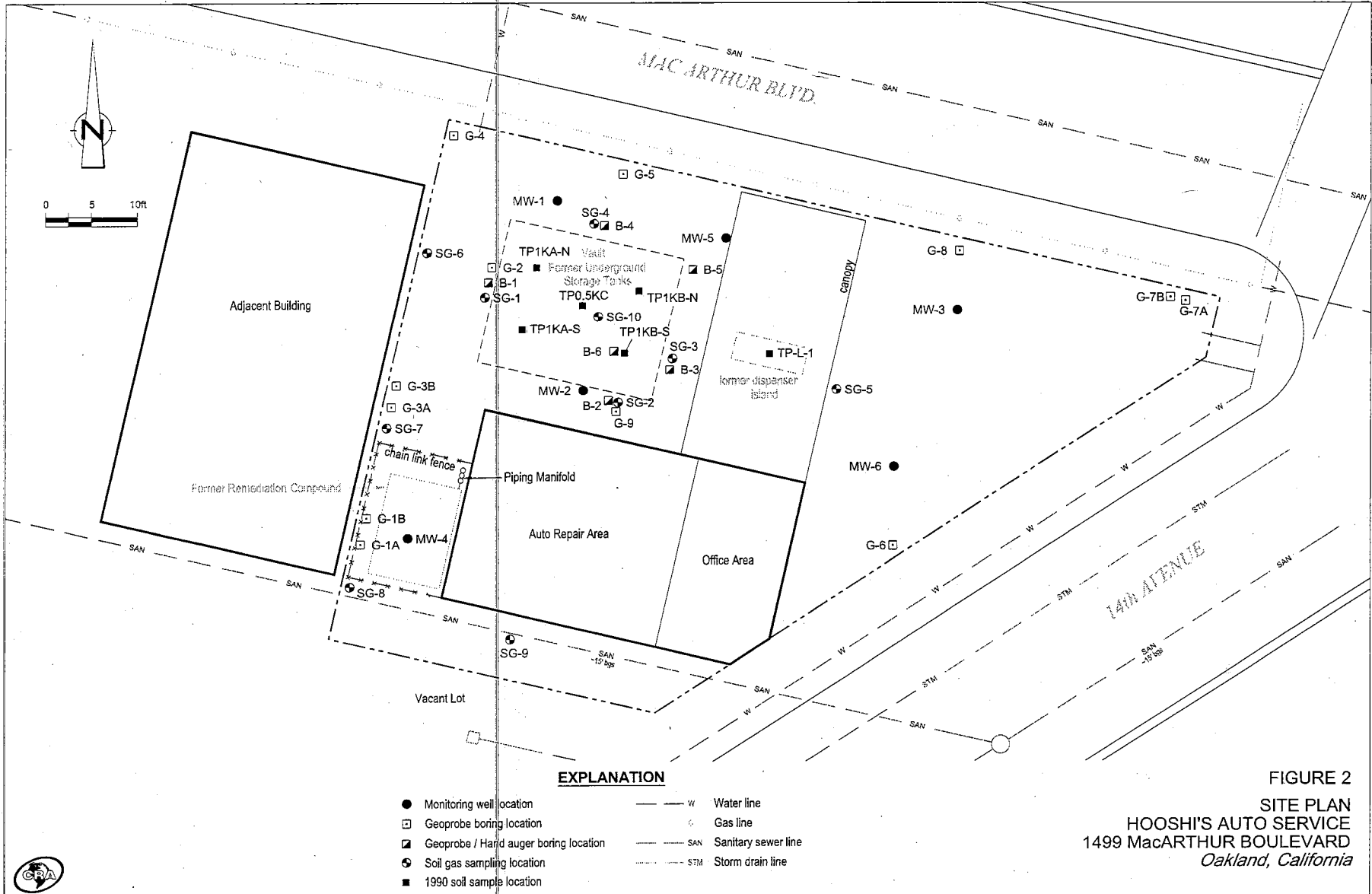
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 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	MW-5-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	08-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	08-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Tremi-Grout/Pressure Grout	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

WELL LOG (PID) I:\RIS-CHARS\1207-1120741-112E706-1120741-HOOSHI BORING LOGS DEC 2006.GPJ DEFAULT.GDT 12/17/10

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			<u>WELL DESTROYED BY TREMI-GROUT/PRESSURE GROUT</u>	1.0	
				10					
				15					
				20					



EXPLANATION

- Monitoring well location
- Geoprobe boring location
- ▣ Geoprobe / Hand auger boring location
- ⊙ Soil gas sampling location
- 1990 soil sample location
- W — Water line
- G — Gas line
- SAN — Sanitary sewer line
- STM — Storm drain line

FIGURE 2
SITE PLAN
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BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	MW-6-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	08-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	08-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Tremi-Grout/Pressure Grout	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			<u>WELL DESTROYED BY TREMI-GROUT/PRESSURE GROUT</u>	1.0	
				10					
				15					
				20					

WELL LOG (PID) I:\IRG-CHARS\1207-1120741-112E706-1120741-HOOSHI BORING LOGS DEC 2006.GPJ DEFAULT.GDT 12/17/10

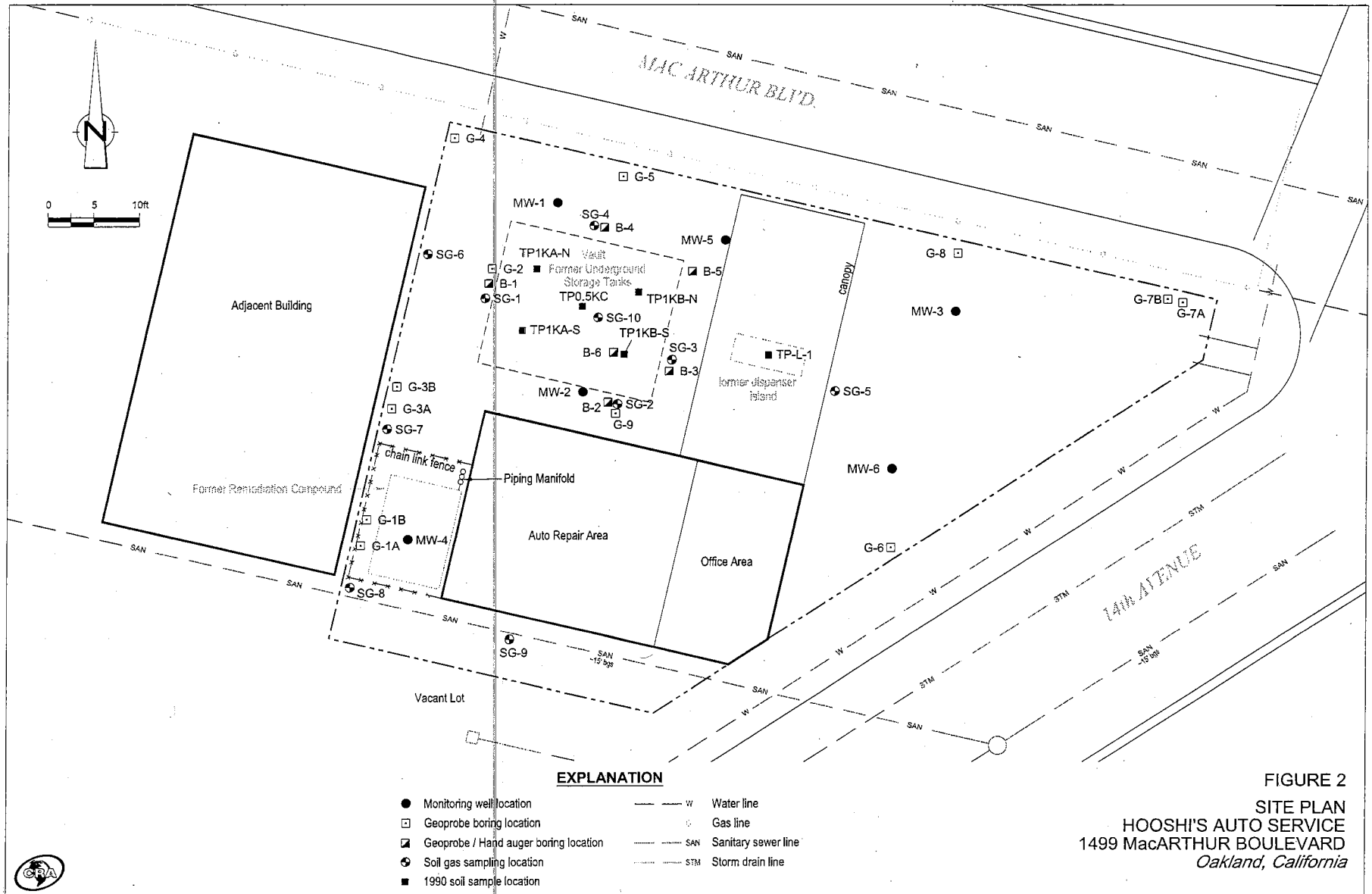


FIGURE 2
SITE PLAN
HOOSHI'S AUTO SERVICE
1499 MacARTHUR BOULEVARD
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BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	SG-1-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	09-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	09-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	4-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			WELL DESTROYED BY OVERDRILL (HAND AUGER)	1.0	<p>Portland Type I/II</p> <p>Bottom of Boring @ 6 fbg</p>

WELL LOG (PID) I:\R\6-CHARS\1207-1120741-112E7C6-1120741-HOOSHI BORING LOGS DEC 2006.GPJ_DEFAULT.GDT 12/17/10

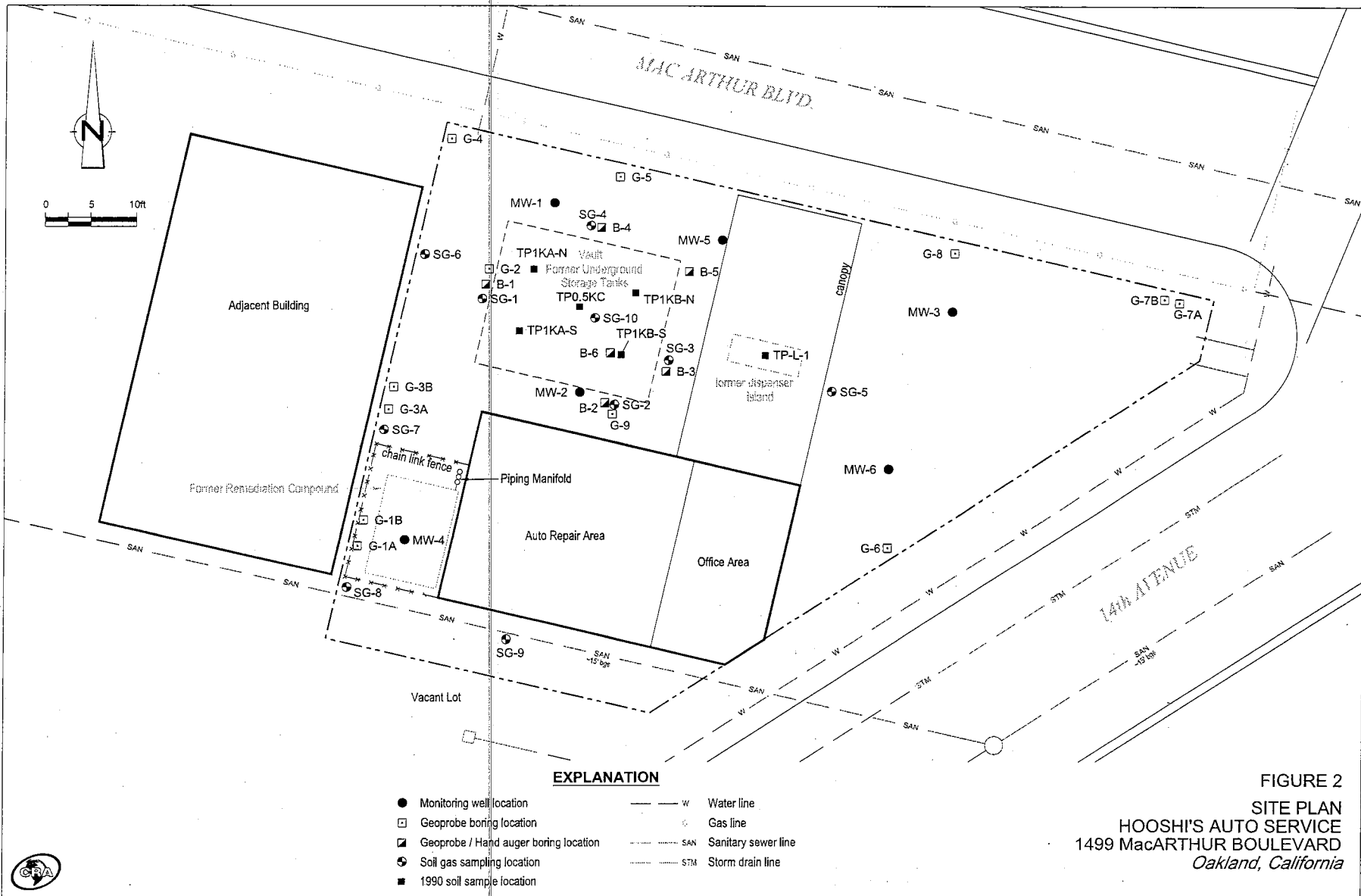


FIGURE 2
SITE PLAN
HOOSHI'S AUTO SERVICE
1499 MacARTHUR BOULEVARD
Oakland, California



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WELL COMPLETION REPORT
(WELL LOGS)


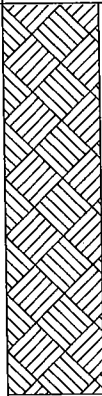
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BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	SG-2-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	09-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	09-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	4-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			WELL DESTROYED BY OVERDRILL (HAND AUGER)	1.0	 <p>Portland Type III</p> <p>Bottom of Boring @ 6 fbg</p>

WELL LOG (PID) \IR16-CHARS\1207-1120741-1120741-HOOSHI BORING LOGS DEC 2006.GPJ DEFAULT.GDT 12/17/10

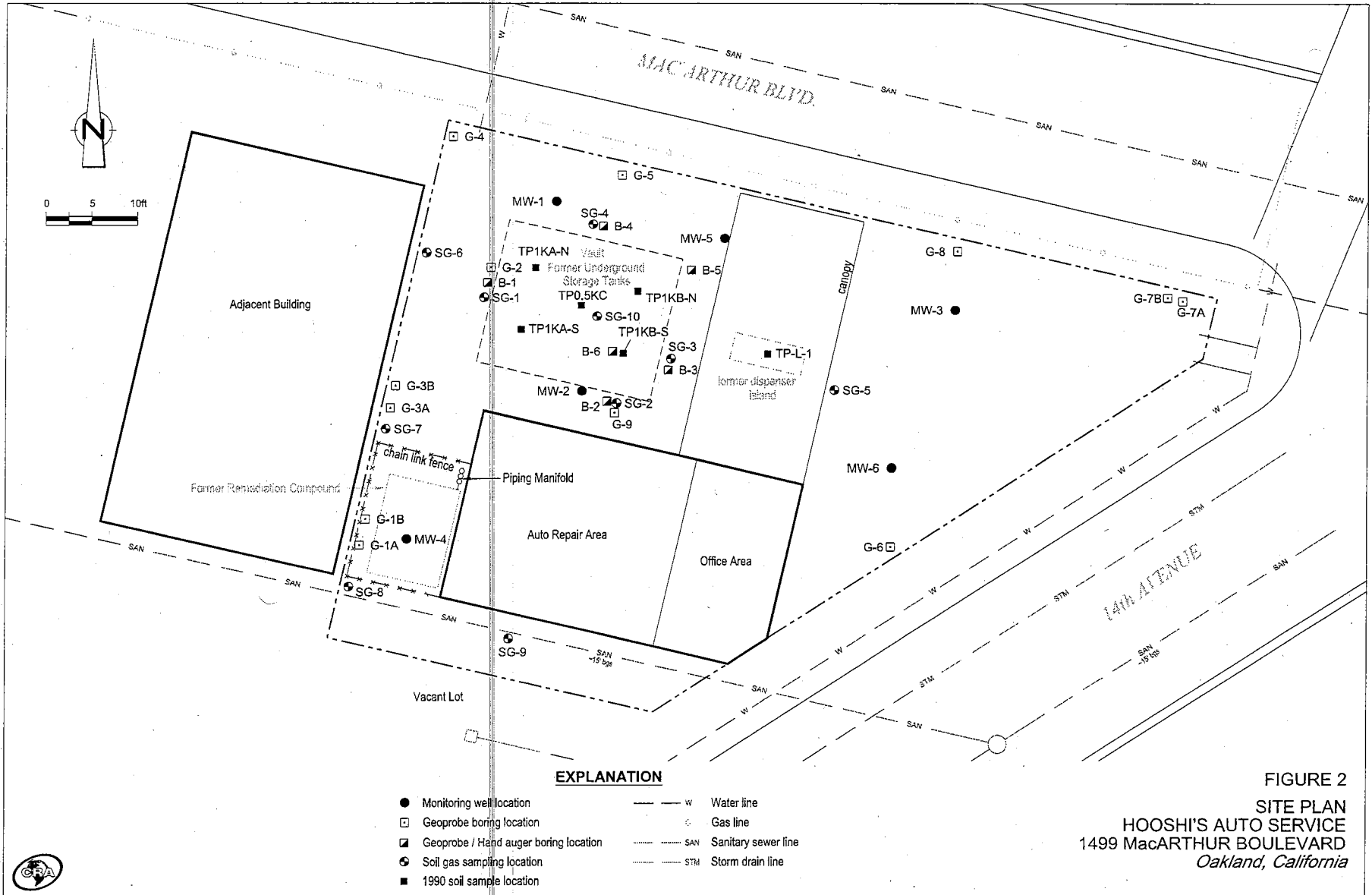


FIGURE 2
SITE PLAN
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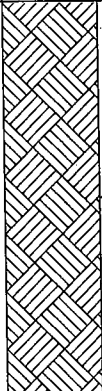


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 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	SG-3-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	09-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	09-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	4-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

WELL LOG (PID) \R\16-CHARS\1207-1120741-112E7C6-1120741-HOOSHI BORING LOGS DEC 2006.GPJ DEFAULT.GDT 12/17/10

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			WELL DESTROYED BY OVERDRILL (HAND AUGER)	1.0	 <p>Portland Type I/II</p> <p>Bottom of Boring @ 6 fbg</p>

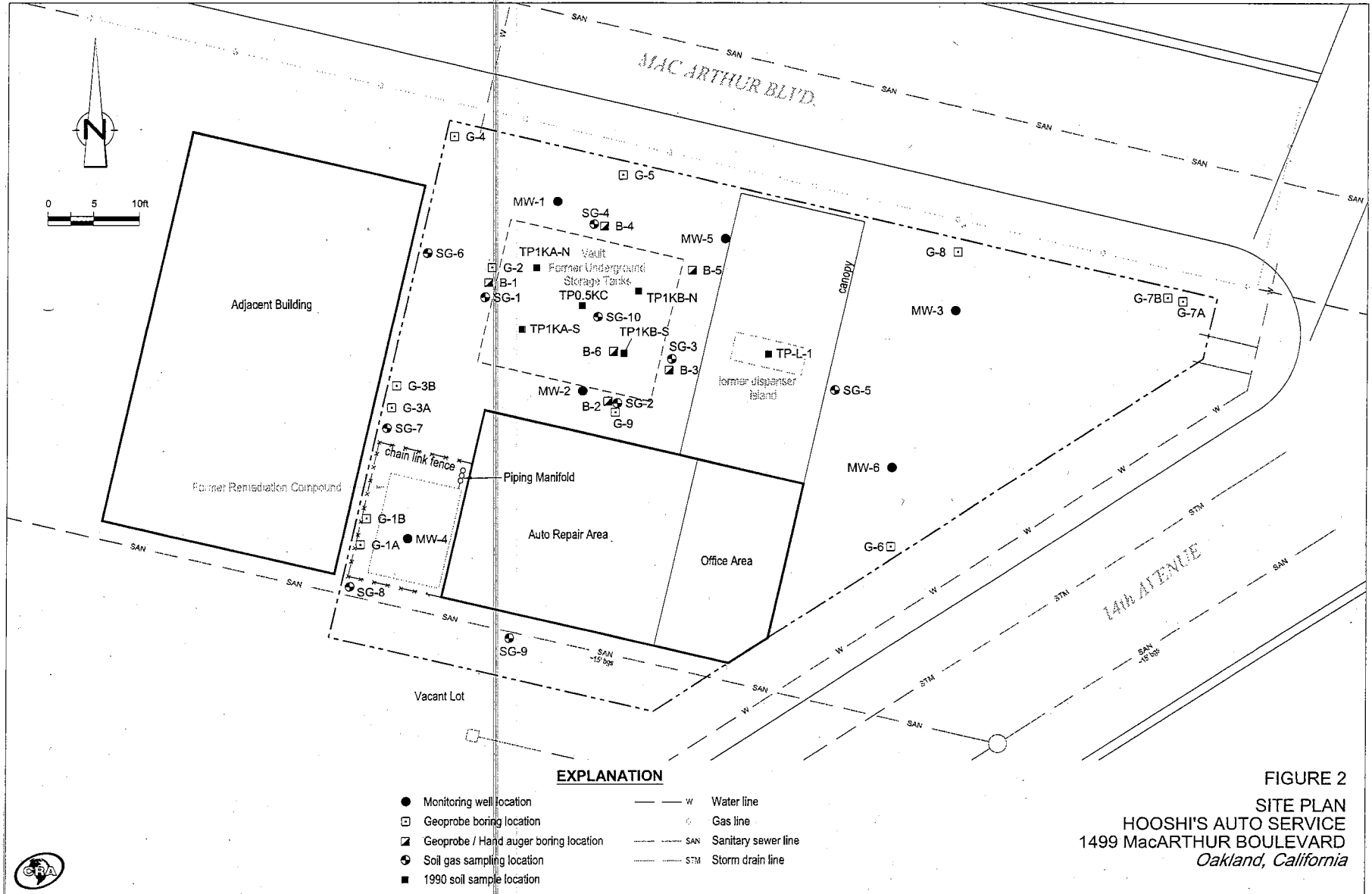


FIGURE 2
SITE PLAN
HOOSHI'S AUTO SERVICE
1499 MacARTHUR BOULEVARD
Oakland, California

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STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)


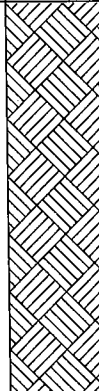
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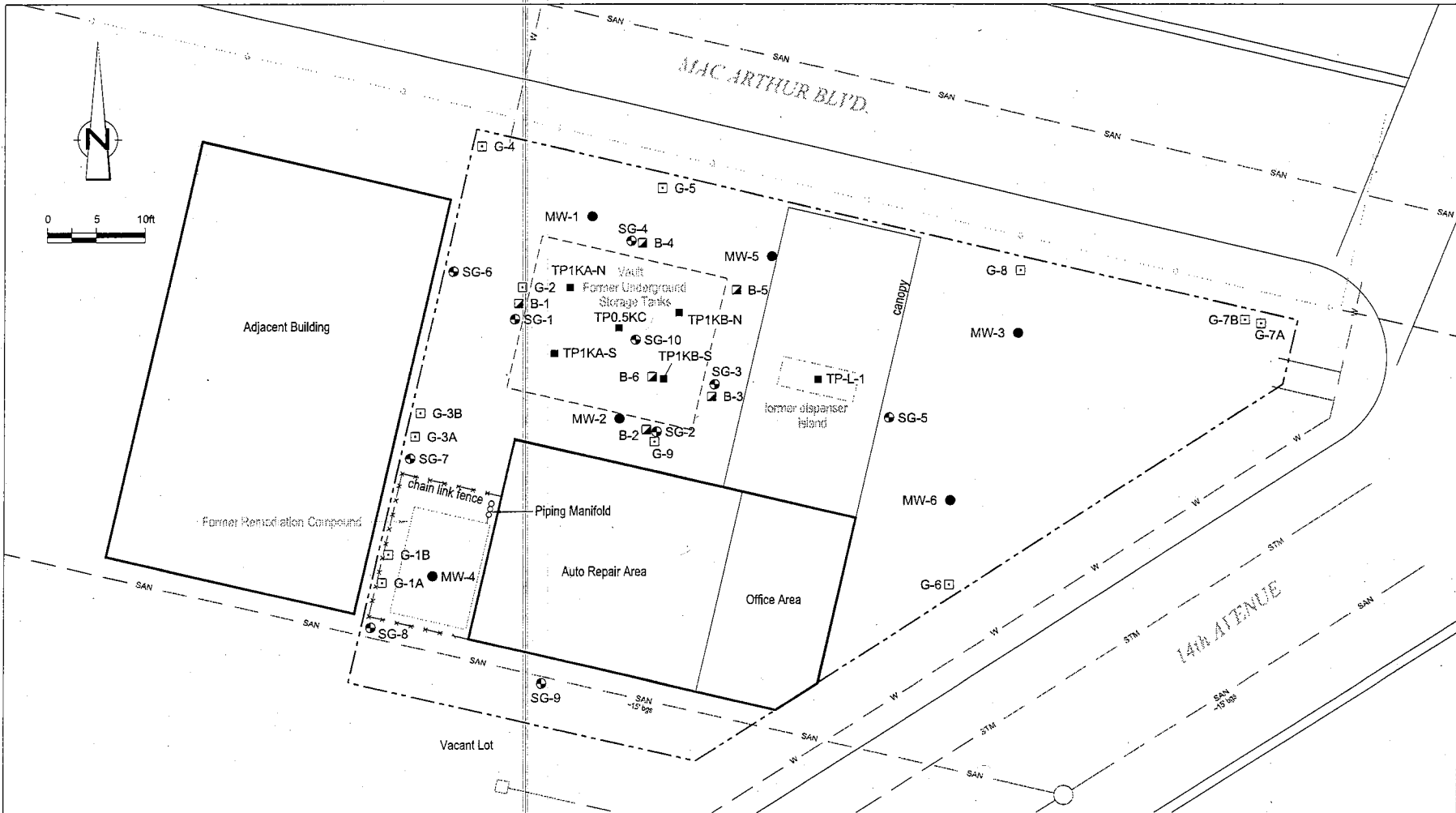
Conestoga-Rovers & Associates, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	SG-4-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	09-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	09-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	4-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			WELL DESTROYED BY OVERDRILL (HAND AUGER)	6.0	 <p>Portland Type III</p> <p>Bottom of Boring @ 6 fbg</p>

WELL LOG (PID) \IR\6-CHARS\1207-120741-112E7C8-1120741-HOOSHI BORING LOGS DEC 2006.GPJ DEFAULT.GDT 12/17/10



EXPLANATION

- | | |
|---|---------------------------------|
| ● Monitoring well location | — W — Water line |
| □ Geoprobe boring location | ○ Gas line |
| ▣ Geoprobe / Hand auger boring location | --- SAN --- Sanitary sewer line |
| ⊙ Soil gas sampling location | --- STM --- Storm drain line |
| ■ 1990 soil sample location | |

FIGURE 2
SITE PLAN
HOOSHI'S AUTO SERVICE
1499 MacARTHUR BOULEVARD
Oakland, California



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(WELL LOGS)

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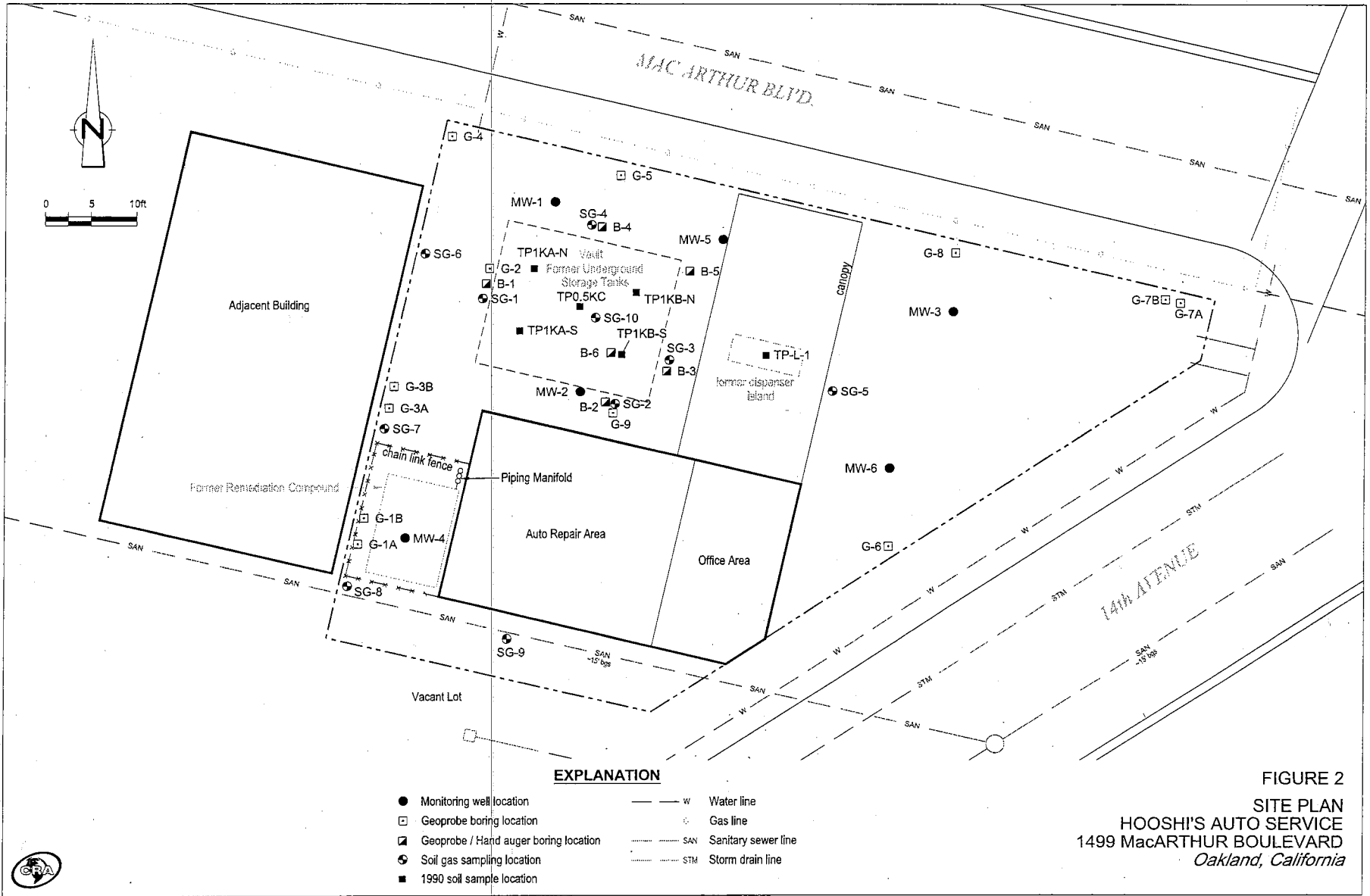
Conestoga-Rovers & Associates, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	SG-5-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	09-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	09-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	4-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

WELL LOG (PID) I:\R6-CHARS\1207-1120741-1120741-HOOSHI BORING LOGS DEC 2006.GPJ DEFAULT.GDT 12/17/10

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			WELL DESTROYED BY OVERDRILL (HAND AUGER)	6.0	<p>Portland Type I/II</p> <p>Bottom of Boring @ 6 fbg</p>



EXPLANATION

- Monitoring well location
- Geoprobe boring location
- ▣ Geoprobe / Hand auger boring location
- Soil gas sampling location
- 1990 soil sample location
- W Water line
- G Gas line
- - - SAN Sanitary sewer line
- - - STM Storm drain line

FIGURE 2
SITE PLAN
HOOSHI'S AUTO SERVICE
1499 MacARTHUR BOULEVARD
Oakland, California



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WELL COMPLETION REPORT
(WELL LOGS)

REMOVED


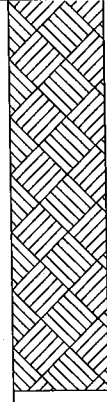


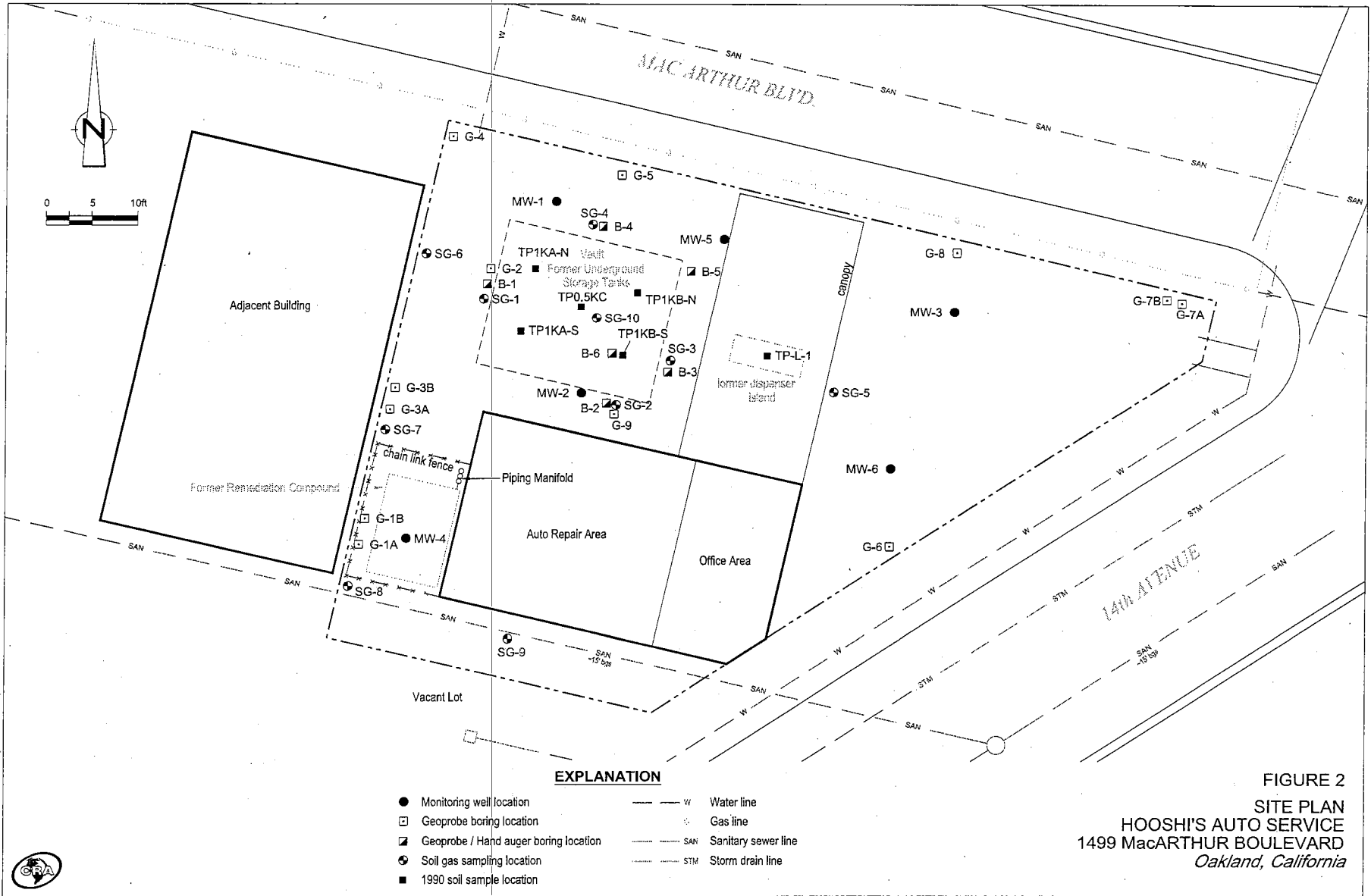
Conestoga-Rovers & Associates, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	SG-6-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	09-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	09-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	4-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

WELL LOG (PID) \R\16-CHARS\1207-1120741-1120741-HOOSHI BORING LOGS DEC 2006.GPJ DEFAULT.GDT 12/17/10

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			WELL DESTROYED BY OVERDRILL (HAND AUGER)	6.0	 <p>Portland Type I/II</p> <p>Bottom of Boring @ 6 fbg</p>



EXPLANATION

- Monitoring well location
- Geoprobe boring location
- ▣ Geoprobe / Hand auger boring location
- ⊙ Soil gas sampling location
- 1990 soil sample location
- W Water line
- - - Gas line
- - - SAN Sanitary sewer line
- - - STM Storm drain line

FIGURE 2
SITE PLAN
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1499 MacARTHUR BOULEVARD
Oakland, California



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(WELL LOGS)

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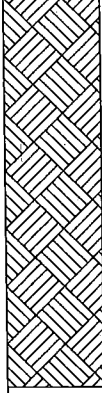


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BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	SG-7-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	09-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	09-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	4-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

WELL LOG (PID) \IR\B-CHARS\1207-1\120741-112E7C6-1120741-HOOSHI BORING LOGS DEC 2006.GPJ DEFAULT.GDT 12/17/10

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			WELL DESTROYED BY OVERDRILL (HAND AUGER)	6.0	 <p>Portland Type I/II</p> <p>Bottom of Boring @ 6 fbg</p>

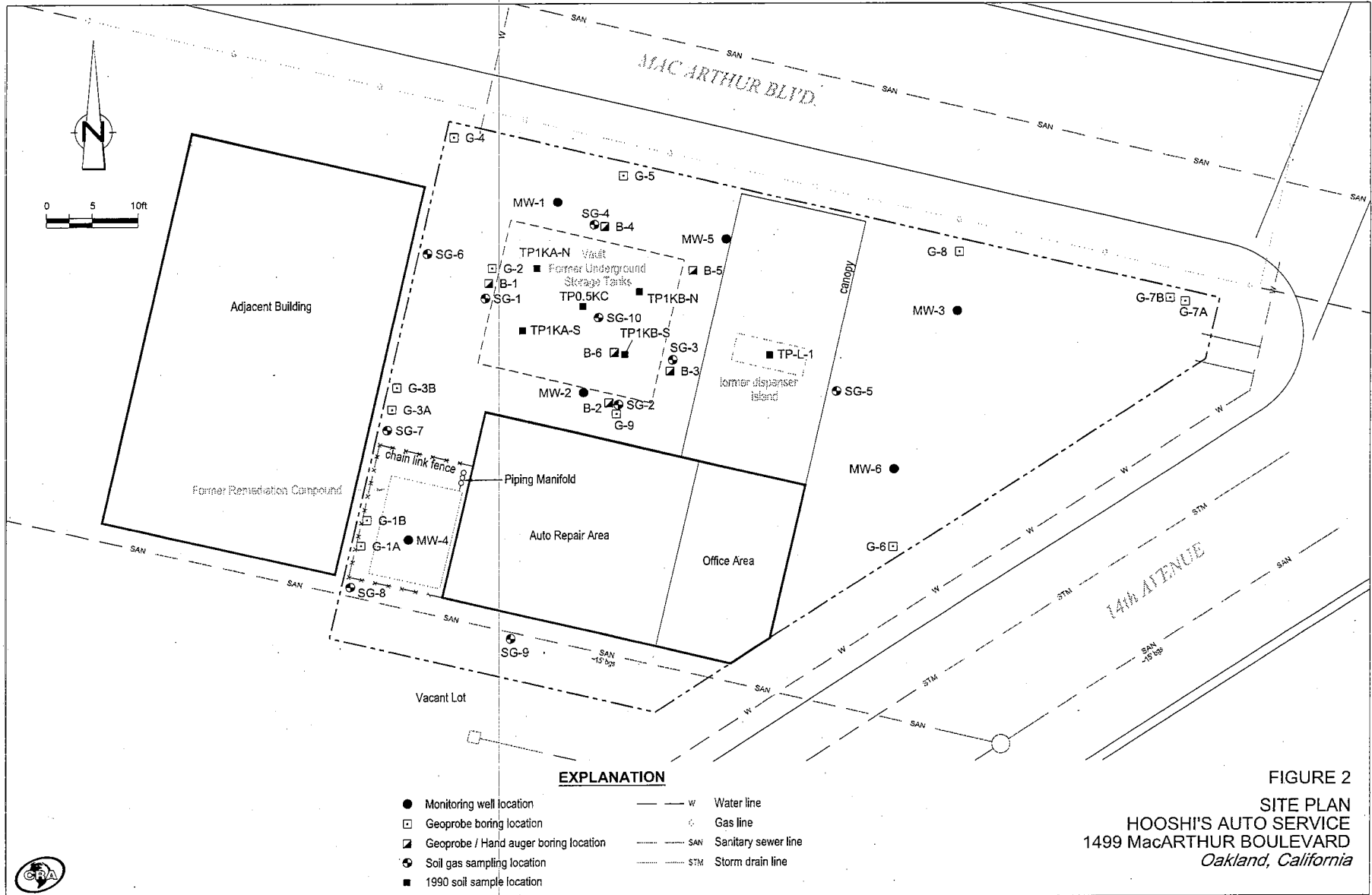


FIGURE 2
SITE PLAN
HOOSHI'S AUTO SERVICE
1499 MacARTHUR BOULEVARD
Oakland, California



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BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	SG-8-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	10-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	10-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	4-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

WELL LOG (PID) \\NIR6-CHARS\1207-1120741-HOOSHI BORING LOGS DEC 2006.GPJ_DEFAULT.GDT 12/17/10

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			WELL DESTROYED BY OVERDRILL (HAND AUGER)	6.0	

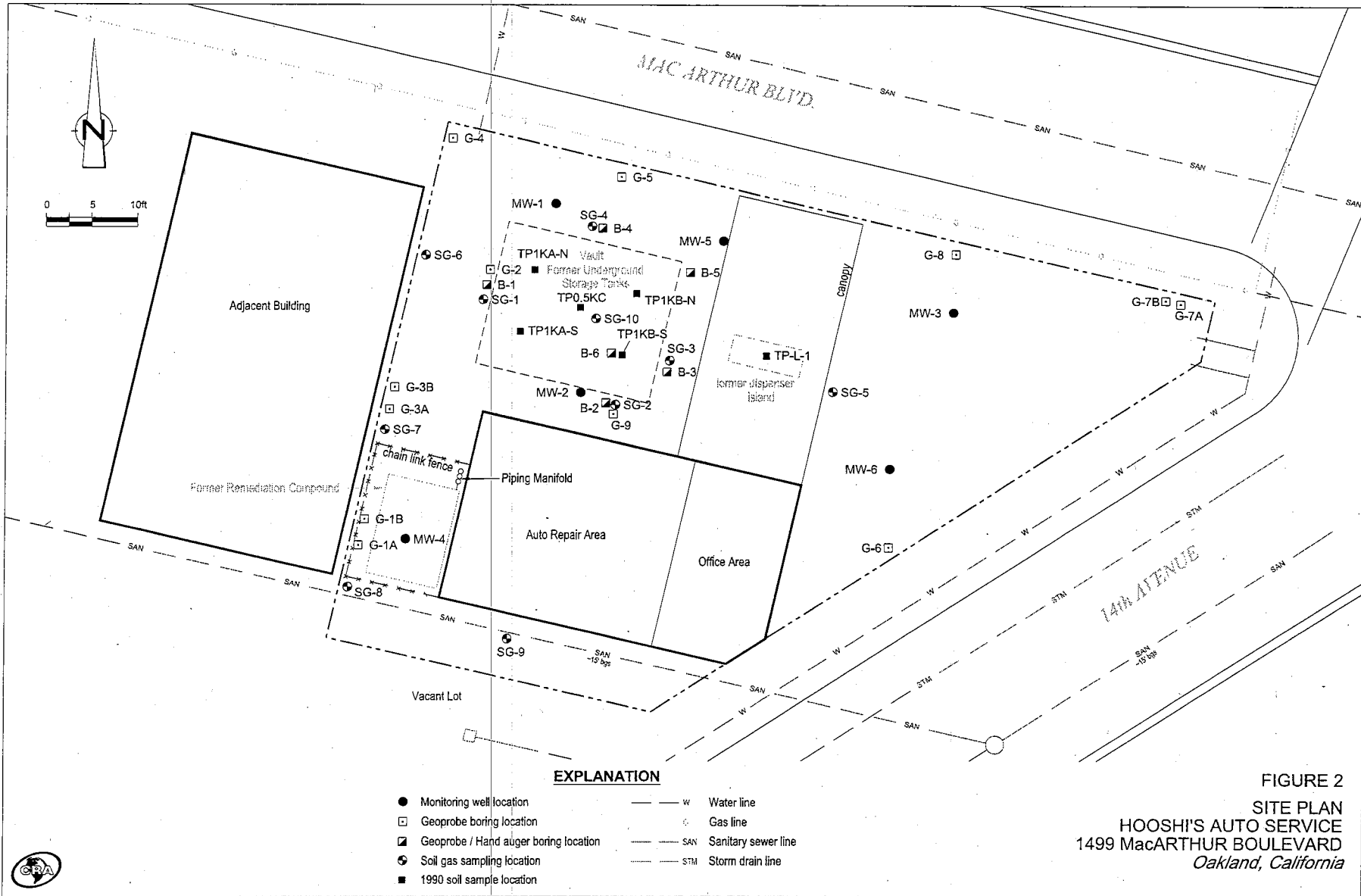


FIGURE 2
SITE PLAN
HOOSHI'S AUTO SERVICE
1499 MacARTHUR BOULEVARD
Oakland, California



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BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	SG-9-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	10-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	10-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	4-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
						WELL DESTROYED BY OVERDRILL (HAND AUGER)	6.0	

WELL LOG (PID) \NIR6-CHARS\1207-1120741-1120741-HOOSHI BORING LOGS DEC 2006.GPJ DEFAULT.GDT 12/17/10

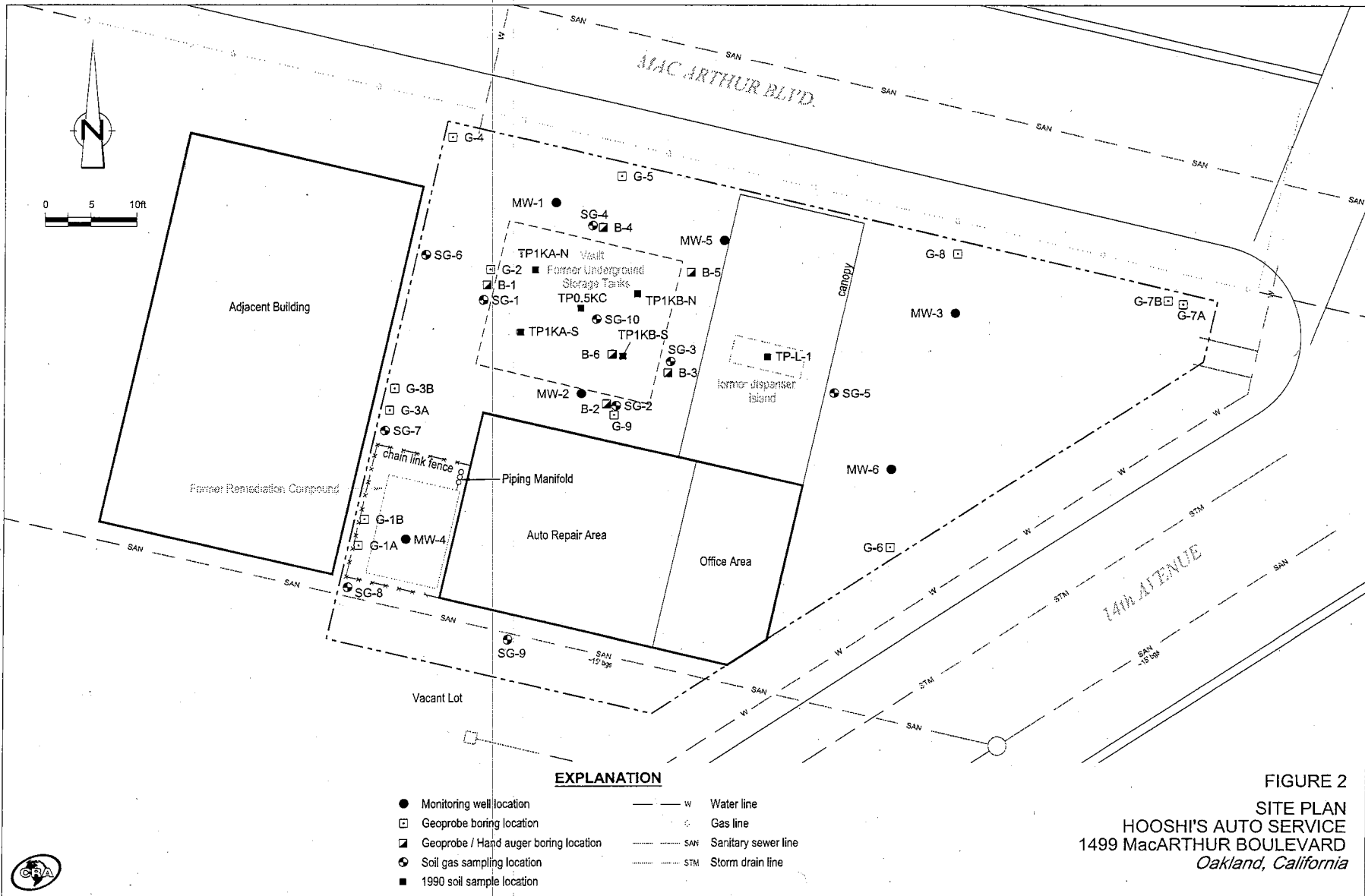


FIGURE 2
SITE PLAN
HOOSHI'S AUTO SERVICE
1499 MacARTHUR BOULEVARD
Oakland, California



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STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)


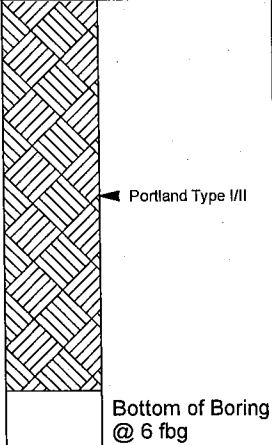
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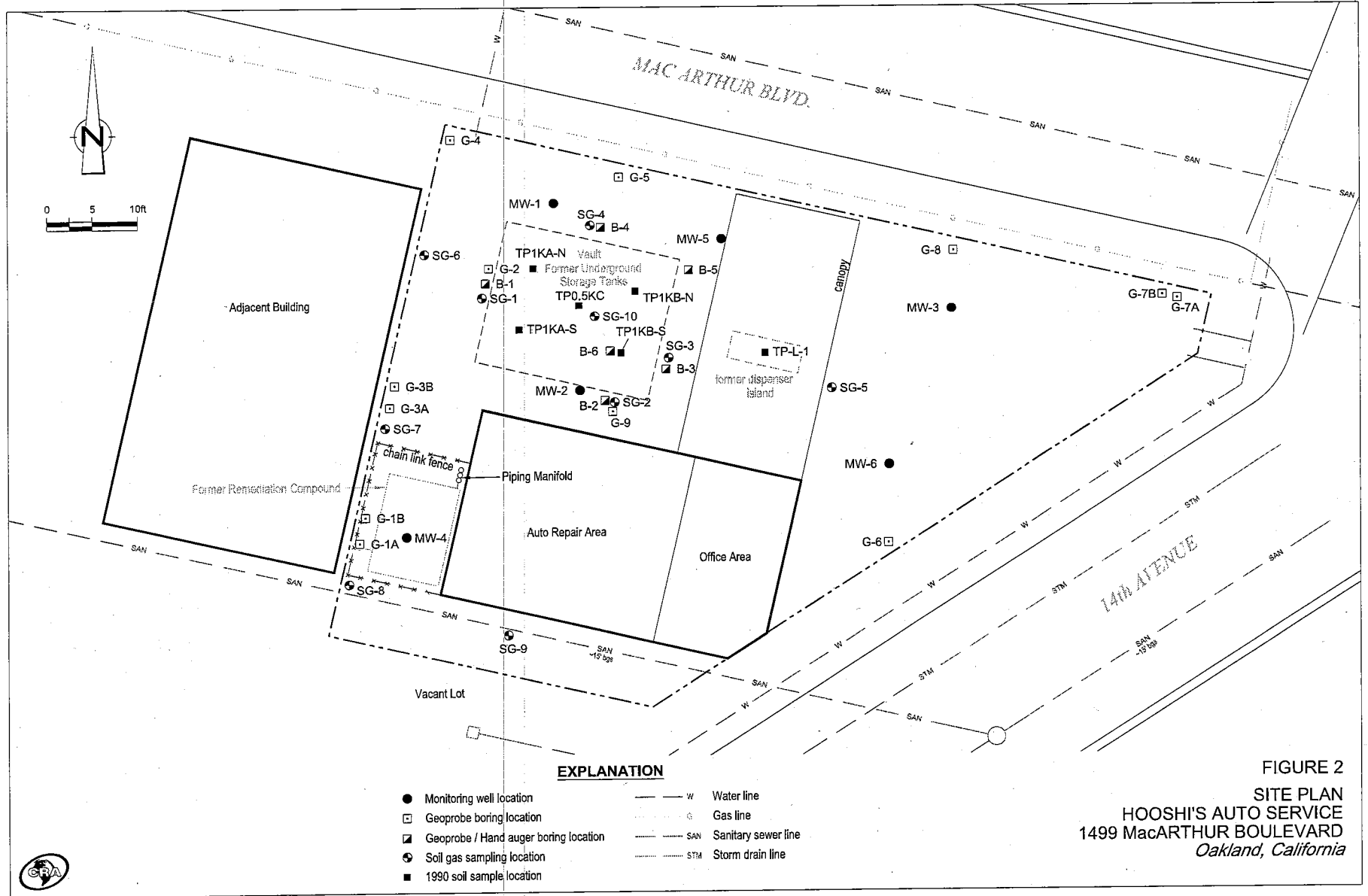
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 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Naomi Gatzke	BORING/WELL NAME	SG-10-Destroyed
JOB/SITE NAME	Hooshi's Auto Service	DRILLING STARTED	09-Dec-10
LOCATION	1499 MacArthur Blvd. Oakland, CA	DRILLING COMPLETED	09-Dec-10
PROJECT NUMBER	120741	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vapor Tech Services C-57 Lic. #916085	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	4-inch	SCREENED INTERVALS	NA
LOGGED BY	B. Fong	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Well Destroyed		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			WELL DESTROYED BY OVERDRILL (HAND AUGER)	1.0	 <p>Portland Type I/II</p> <p>Bottom of Boring @ 6 fbg</p>

WELL LOG (PID) I:\R16-CHARS\1207-1120741-HOOSHI BORING LOGS DEC 2006.GPJ DEFAULT.GDT 12/17/10



EXPLANATION

- Monitoring well location
- Geoprobe boring location
- ▣ Geoprobe / Hand auger boring location
- ⊕ Soil gas sampling location
- 1990 soil sample location
- W — Water line
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- STM — Storm drain line

FIGURE 2
SITE PLAN
HOOSHI'S AUTO SERVICE
1499 MacARTHUR BOULEVARD
Oakland, California



APPENDIX E

WASTE MANIFEST

GENERATOR

INTL
TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone
909-721-2038

4. Waste Tracking Number
NH133659-N

5. Generator's Name and Mailing Address
NAOMI GATZKE
5900 HOLLIS STREET, SUITE A
EMERYVILLE, CA 94608

Generator's Site Address (if different than mailing address)
1499 MACARTHUR BLVD
OAKLAND, CA 94602

Generator's Phone: 510-420-3308

6. Transporter 1 Company Name
ENVIRONMENTAL LOGISTICS, INC

U.S. EPA ID Number
CAR000172478

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
WASTE RECYCLING SERVICES, INC.
180 WEST MONTE AVENUE
RIALTO, CA 92316 USA

U.S. EPA ID Number
CAD982444481

Facility's Phone: 800-698-4377

9. Waste Shipping Name and Description

10. Containers
No. Type

11. Total Quantity

12. Unit Wt./Vol.

1. NON HAZARDOUS WASTE SOLID (SOIL BORINGS)

2

DM

600

P

13. Special Handling Instructions and Additional Information
9B1) SOIL BORINGS # 08123013

WEAR APPROPRIATE PPE

INV# 133659-N

2X55

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name

Signature

Month Day Year
12 23 10

Bryan A. Fong Agent for Gatzke

[Signature]

15. International Shipments Import to U.S. Export from U.S.

Port of entry/exit:
Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
12 23 10

Mary Ford

[Signature]

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space Quantity Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year
12 29 10

Steen Masters

[Signature]