

PACCAR Inc

October 22, 2015

RECEIVED

By Alameda County Environmental Health 9:52 am, Oct 28, 2015

Mr. Jerry Wickham
Senior Hazardous Materials Specialist
Alameda County Environmental Health Services
Environmental Protection, Local Oversight Program
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Subject: Letter of Transmittal For Site Management Plan
O'Reilly Auto Parts (Former Grand Auto #43)
4240 International Boulevard (East 14th Street)
Oakland, California 94601
ACEH Fuel Leak Case No. RO0002483
GeoTracker Global ID No. T06019705075**

Dear Mr. Wickham:

As required in your letter dated July 28, 2015, regarding the above-referenced subject site, we submit this transmittal letter and accompanying Well Destruction Report for the subject site.

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

Sincerely,

PACCAR Inc



Vicki ZumBrunnen, REM
Environmental Project Supervisor



October 21, 2015

Mr. Jerry Wickham
Senior Hazardous Materials Specialist
Alameda County Health Care Services Agency
Environmental Health Services, Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**Subject: Well Destruction Report
O'Reilly Auto Parts (Former Grand Auto #43)
4240 International Boulevard (East 14th Street)
Oakland, California 94601
ACEH Fuel Leak Case No. RO0002483
GeoTracker Global ID No. T06019705075
AllWest Project Number 15163.40**

Dear Mr. Wickham:

AllWest Environmental, Inc. (AllWest) observed the destruction of four groundwater monitoring wells at the above-referenced subject site. The well destruction was carried out at the request of the Alameda County Environmental Health Services (ACEHS) in a Closure Order dated July 28, 2015. A copy of the Closure Order is included as Attachment A.

On October 2, 2015, groundwater monitoring wells MW-1, MW-2, MW-3A and MW-4 were destroyed by Gregg Drilling and Testing, Inc. (Gregg) of Martinez, California (C-57 license #485165). After checking the well casing for obstructions, the well was destroyed by pressure-grouting the well casing with neat cement grout at 25 psi applied for five minutes. The well's vault box was removed with a jackhammer, and the void left by the removal of the vault box was filled with concrete to grade. Well destruction activities were observed by an inspector from Balance Hydrologics, Inc., whom were subcontracted by the Alameda County Public Works Agency to observe the well destruction activities.

One 55-gallon drum containing well box debris (concrete and negligible soils) was generated during the well destruction activities. This drum is pending pick-up by a authorized waste-disposal contractor.

Mr. Jerry Wickham
October 16, 2015
Project Number 15163.40

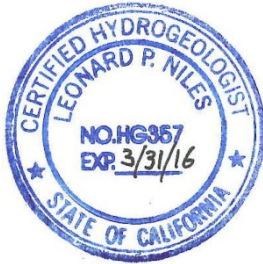
The former locations of the wells are shown in the attached site plan (Figure 2). Copies of the ACEHS Closure Order, the Alameda County Public Works Agency well destruction permit, and the State of California Department of Water Resources (DWR) Form 188 (Well Completion Report) are also attached.

If you have any questions please contact AllWest at (415) 391-2510.

Sincerely,



Sara K. Bloom
Project Manager



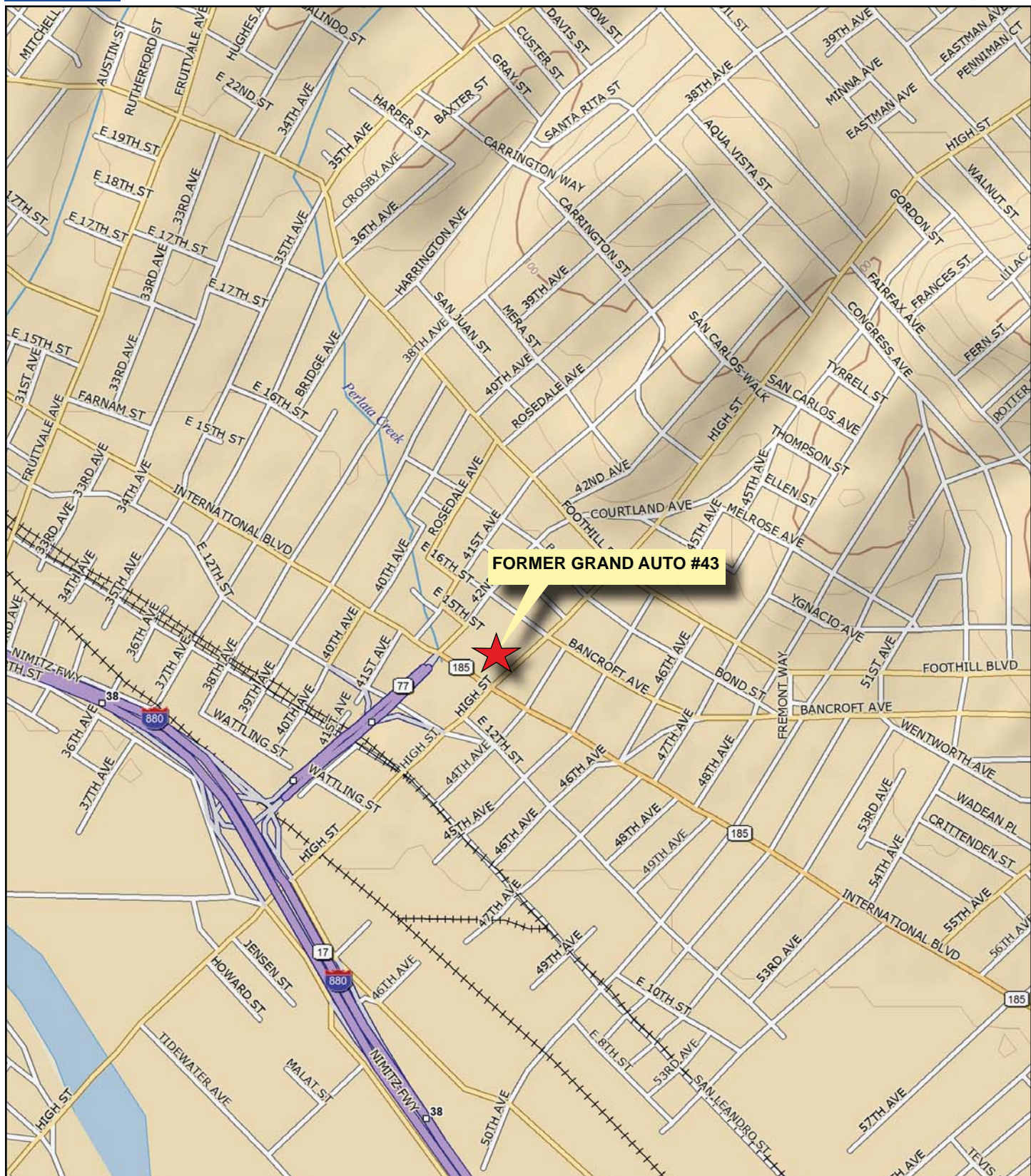
Leonard P. Niles, P.G., C.H.G.
Senior Project Manager

Figure 1: Site Vicinity Map
Figure 2: Site Plan

Attachment A: ACEHS Closure Order
Attachment B: Alameda County Public Works Agency Well Destruction Permit
Attachment C: DWR Well Completion Reports (Form 188)


cc: Ms. Vicki ZumBrunnen, PACCAR, Inc., Corporate Environmental Department,
P.O. Box 1518, Bellevue, Washington 98009

FIGURES



FORMER GRAND AUTO #43




 MN (13.7° E)


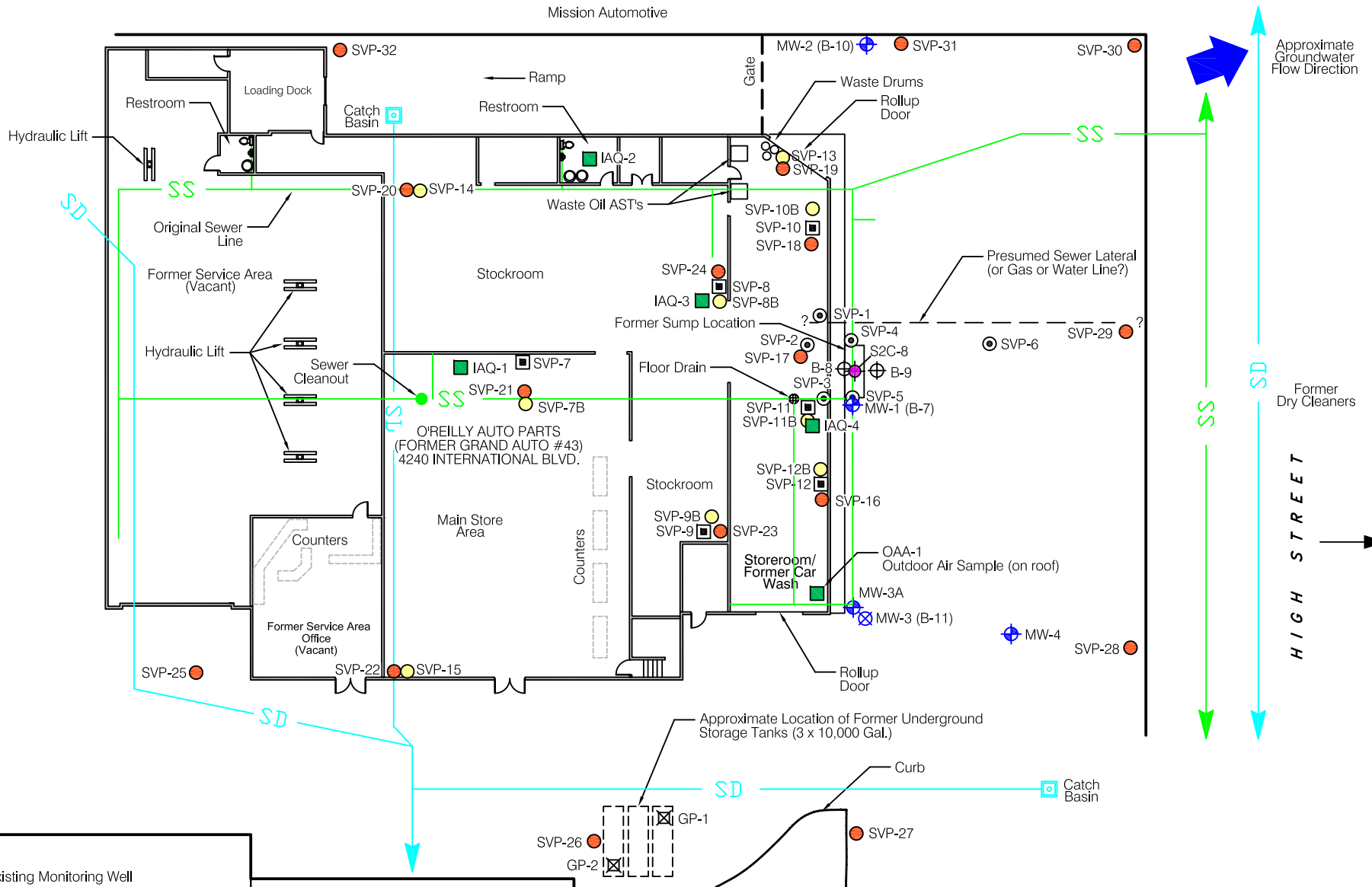

 PROJECT NO.
15163.40

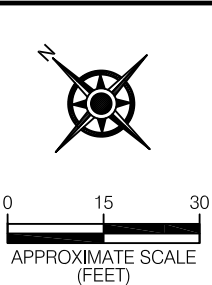
FIGURE 1 - VICINITY MAP
FORMER GRAND AUTO #43
4240 INTERNATIONAL BLVD. (formerly E. 14th St.)
OAKLAND, CA 94601
SOURCE: DELOMME TOPO
PREPARED BY: D. CAMACHO
DATE: 10/16/15



LEGEND

- MW-2 Existing Monitoring Well
- SVP-1 Temporary 5 feet bgs Probe Soil Vapor Sample Location (AllWest, January 2012)
- SVP-25 Temporary Soil Vapor Probe Location to 5 feet bgs (AllWest, September 2013)
- B-1 Boring Location (HC, 1992)
- IAQ-1 Indoor/Outdoor Air Sample Location (August 2013 / March 2014)
- S2C-8 Excavation Soil Sample (HC, 1992)

- SVP-11 Semi-Permanent Sub-Slab Probe Soil Vapor Sample Location (AllWest, October 2012, Replaced September 2013)
- SVP-15 Semi-Permanent Sub-Slab Soil Vapor Probe Location (September 2013)
- GP-1 Geoprobe Boring Location (AllWest, 2012)
- Original Sanitary Sewer and Storm Drain Lines from 1960 Utility Plans
- SD



AllWest

FIGURE 2	
BORING, WELL, INDOOR AIR SAMPLE AND SOIL VAPOR PROBE LOCATIONS	
Former Grand Auto	
4240 East 14th Street (International Boulevard)	
PROJECT NO. 14151.36	SOURCE: AllWest
DRAWN BY: CM (10/13/2014)	

ATTACHMENT A



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

July 28, 2015

Ms. Vicki ZumBrunnen (Sent via E-mail to: Vicki.ZumBrunnen@PACCAR.com)
PACCAR, Inc.
Corporate Environmental Department
P.O. Box 1518
Bellevue, WA 98009

Hess Properties LLC
c/o Mr. Joseph Hess
2709 Park Avenue
La Verne, CA 91750

Transamerica Title Insurance Company
Address Unknown

Subject: Case File Review for Site Cleanup Program Case No. RO0002483 and GeoTracker Global ID T06019705075, Grand Auto, 4240 International Boulevard, Oakland, CA 94601

Dear Ms. ZumBrunnen, Hess Properties LLC, and Transamerica Title Insurance Company:

Alameda County Environmental Health (ACEH) distributed a fact sheet entitled, "*Invitation to Comment – Potential Case Closure*," to notify potentially affected members of the public of potential case closure. No comments were received on the proposed case closure during a public comment period that ended July 17, 2015. Two tasks remain to be completed in order to close the case: signing and recording of the Covenant and Environmental Restriction on Property and destruction of the remaining monitoring wells.

The case will be closed with site management requirements as described in the Site Management Plan and Covenant and Environmental Restriction on Property. These site management requirements are needed to prevent exposure that may result from future construction, redevelopment, or other types of subsurface disturbance. The Site Management Plan dated March 16, 2015 and a draft Covenant and Environmental Restriction on Property received by ACEH from AllWest Environmental on March 16, 2015 are acceptable for use at the site. Please arrange a date and time by contacting Jerry Wickham when you can come into the ACEH office to sign the Covenant and Environmental Restriction on Property with our Director. Please note that you will need to provide a Notary Public to witness the signing. After the Covenant and Environmental Restriction is signed by both parties, it will need to be recorded at the Alameda County Clerk-Recorder's office.

All monitoring wells and other subsurface probes remaining at the site will need to be destroyed prior to case closure. Please destroy the monitoring wells and provide documentation of the well destruction and waste disposal to this office no later than October 30, 2015. 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.

Responsible Parties
RO0002483
July 28, 2015
Page 2

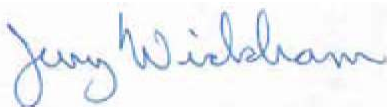
TECHNICAL REPORT REQUEST

Please upload technical reports to the ACEH ftp site (Attention: Jerry Wickham), and to the State Water Resources Control Board's GeoTracker website according to the following schedule and file-naming convention:

- **October 30, 2015** – Well Destruction Report
File to be named: WELL_DCM_R_yyyy-mm-dd RO2483

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org. Case files can be reviewed online at the following website: <http://www.acgov.org/aceh/index.htm>. If your email address does not appear on the cover page of this notification ACEH is requesting you provide your email address so that we can correspond with you quickly and efficiently regarding your case.

Sincerely,



Digitally signed by Jerry Wickham
DN: cn=Jerry Wickham, o=Alameda County Environmental
Health, ou, email=jerry.wickham@acgov.org, c=US
Date: 2015.07.28 15:38:00 -07'00'

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

Attachments: Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Leonard Niles, AllWest Environmental, Inc., 530 Howard Street, Suite 300, San Francisco, CA 94105 (Sent via E-mail to: lniles@allwest1.com)

Jerry Wickham, ACEH (Sent via E-mail to: jerry.wickham@acgov.org)

GeoTracker, eFile

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.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/).

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)	REVISION DATE: May 15, 2014
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010, July 25, 2010
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

- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection.**
- 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:

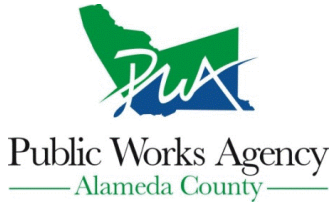
RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

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 deh.loptoxic@acgov.org
 - 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, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
 - b) Click on Page located on the Command bar on upper right side of window, 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 deh.loptoxic@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.

ATTACHMENT B

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: 09/25/2015 By jamesy

Permit Numbers: W2015-0882 to W2015-0885
Permits Valid from 10/02/2015 to 10/02/2015

Application Id:	1442250509748	City of Project Site:	Oakland
Site Location:	4240 East 14th Street	Completion Date:	10/02/2015
Project Start Date:	10/02/2015	Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org	
Applicant:	AllWest Environmental - Sara Bloom 2141 Mission Street, Suite 100, San Francisco, CA 94110	Phone:	415-391-2510 x206
Property Owner:	Sandra & Joseph Hess, c/o Hess Properties LLC 2709 Park Avenue, La Verne, CA 91750	Phone:	415-269-7220
Client:	Vicki ZumBrunnen, c/o PACCAR, Inc. 777 106th Ave NE, Bellevue, WA 98004	Phone:	425-468-7055
Contact:	Sara Bloom	Phone:	415-391-2510 x206 Cell: 360-618-2789

Receipt Number: WR2015-0474	Total Due:	\$1588.00
Payer Name : AllWest Enviromental	Total Amount Paid:	\$1588.00
	Paid By: CHECK	PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 4 Wells
Driller: Gregg Drilling & Testing Inc - Lic #: 485165 - Method: other

Work Total: \$1588.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2015-0882	09/25/2015	12/31/2015	MW-1	8.00 in.	4.00 in.	31.00 ft	43.00 ft	2S/3W8G31	92331	412875
W2015-0883	09/25/2015	12/31/2015	MW-2	8.00 in.	4.00 in.	30.00 ft	45.00 ft	2S/3W8G27	93159	412872
W2015-0884	09/25/2015	12/31/2015	MW-3A	8.00 in.	4.00 in.	18.00 ft	41.00 ft	2S/3W8G26	93159	412873
W2015-0885	09/25/2015	12/31/2015	MW-4	8.00 in.	4.00 in.	28.00 ft	45.00 ft	2S/3W8G25	93159	412874

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 appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755

Alameda County Public Works Agency - Water Resources Well Permit

(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. Include permit number and site map.

4. 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.

5. Applicant shall contact assigned inspector listed on the top of the permit 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.

6. 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.

7. 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.

8. 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.

9. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.

ATTACHMENT C

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

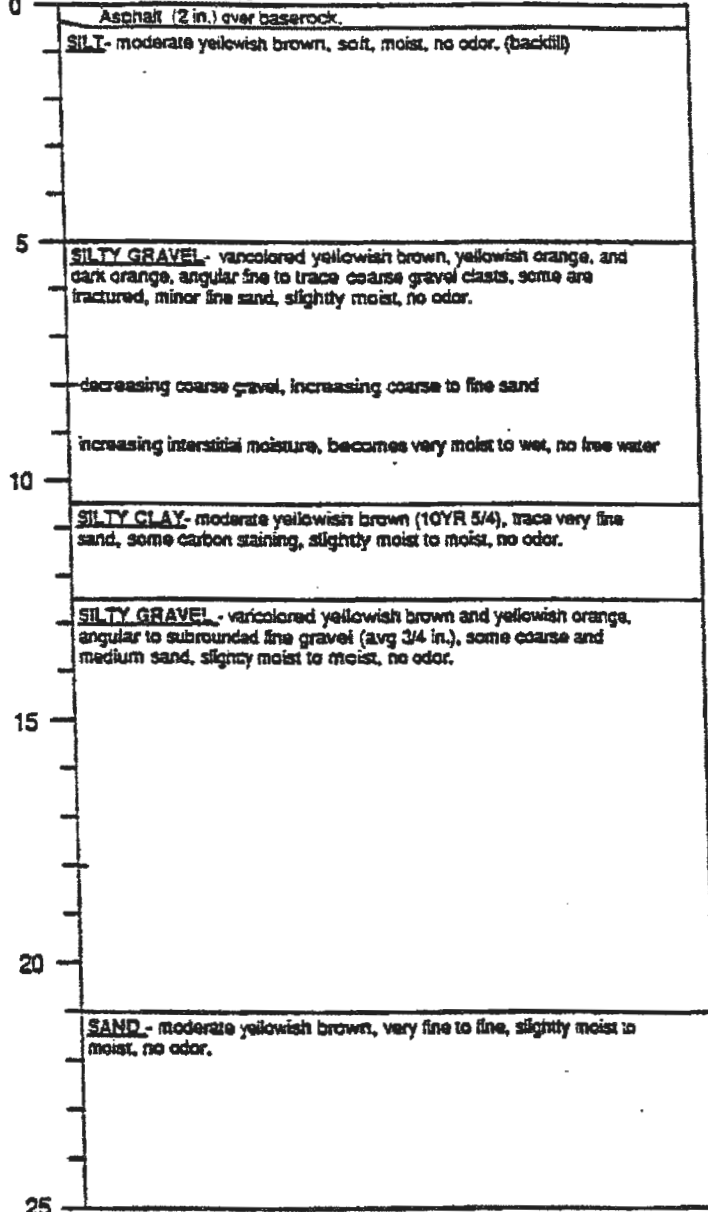
REMOVED

Boring Log B7 (MW-1)

DEPTH
(feet)

Geologic Log

Ground Surface
Elevation: not measured

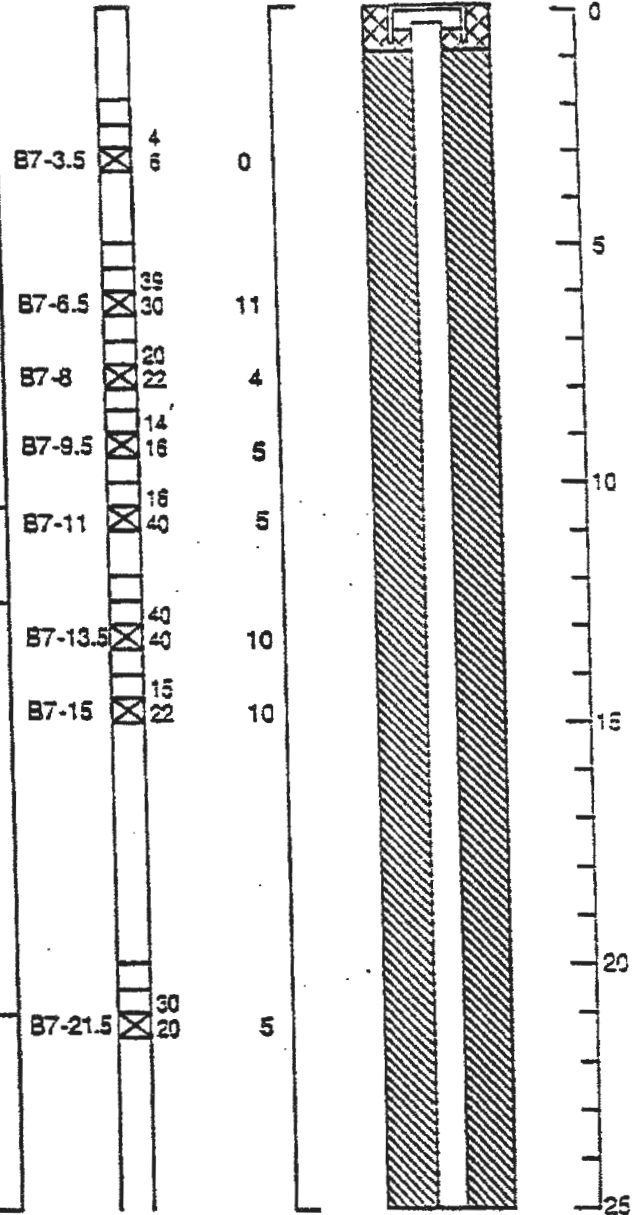


continued next page

SAMPLE #

BLAWS/6"

PID (ppm)



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level is at time of drilling (ATD) for date specified. Level may vary with time.



HART CROWSER

J-6077

8/92

Figure A-6

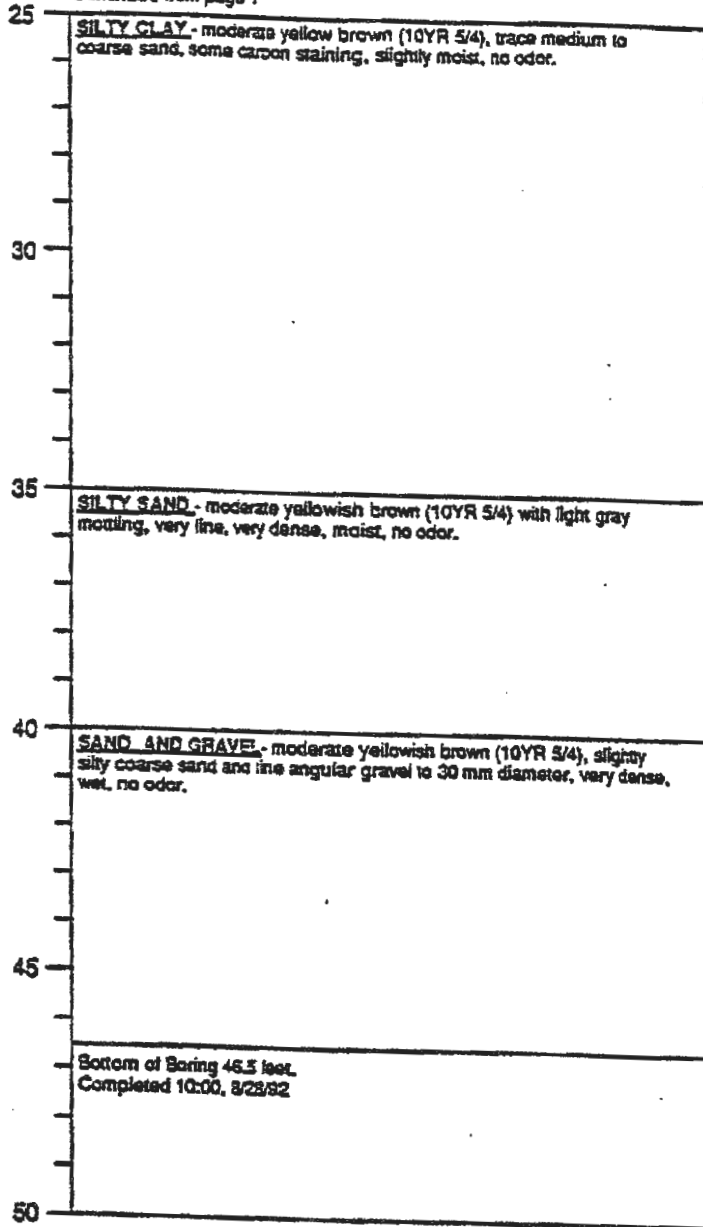
Page 1 of 2

Boring Log B7 (MW-1)

Geologic Log

DEPTH
(feet)

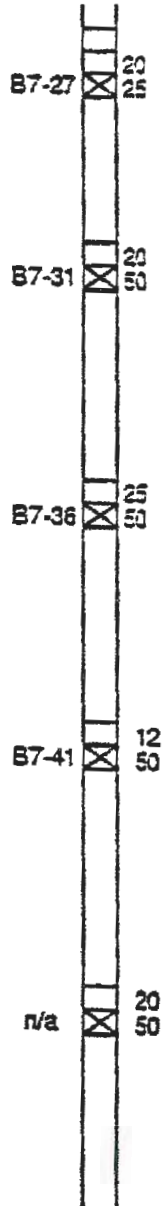
Continued from page 1



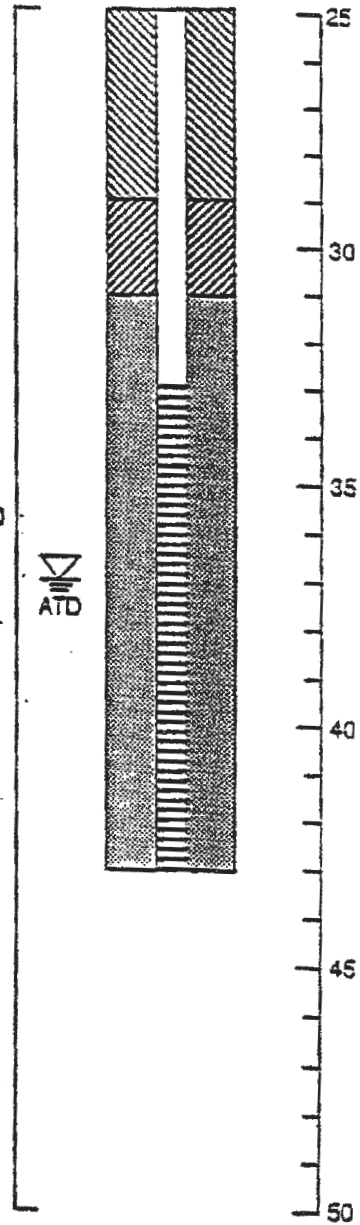
SAMPLE #

NO. OWS/R*

PID (ppm)



Monitoring Well Design



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level is at time of drilling (ATD) for data specified. Level may vary with time.



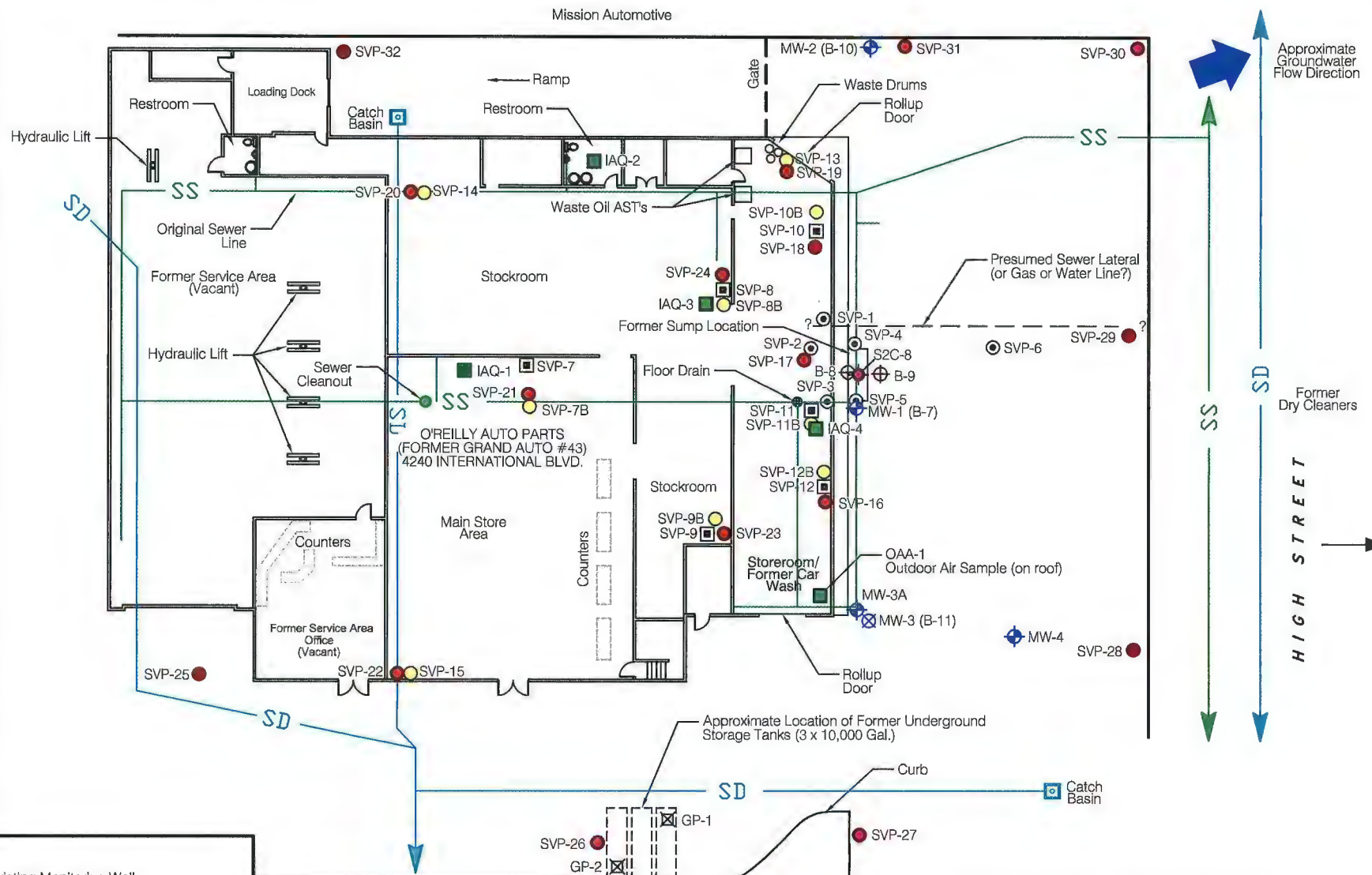
HARTCROWSER

J-6077

8/92

Figure A-6

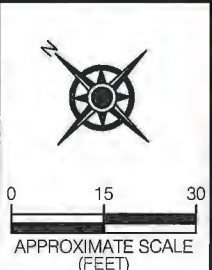
Page 2 of 2



LEGEND

- MW-2 Existing Monitoring Well
- SVP-1 Temporary 5 feet bgs Probe Soil Vapor Sample Location (AllWest, January 2012)
- SVP-25 Temporary Soil Vapor Probe Location to 5 feet bgs (AllWest, September 2013)
- B-1 Boring Location (HC, 1992)
- IAQ-1 Indoor/Outdoor Air Sample Location (August 2013 / March 2014)
- S2C-8 Excavation Soil Sample (HC, 1992)

- SVP-11 Semi-Permanent Sub-Slab Probe Soil Vapor Sample Location (AllWest, October 2012, Replaced September 2013)
- SVP-15 Semi-Permanent Sub-Slab Soil Vapor Probe Location (September 2013)
- GP-1 Geoprobe Boring Location (AllWest, 2012)
- SS Original Sanitary Sewer and Storm Drain Lines from 1960 Utility Plans
- SD Sanitary Sewer and Storm Drain Lines from 1960 Utility Plans

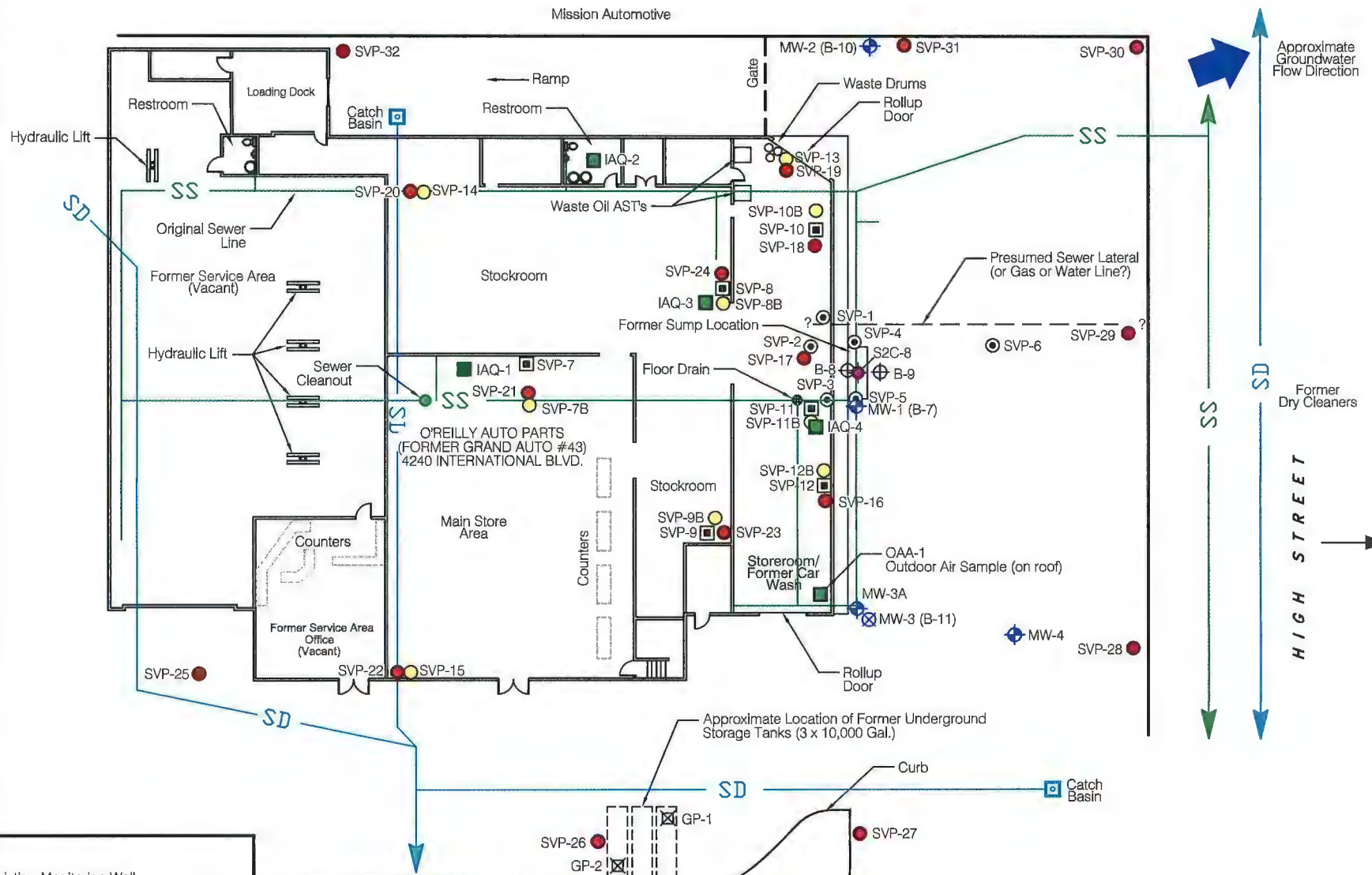


AllWest

PROJECT NO.
14151.36

FIGURE 2
BORING, WELL, INDOOR AIR SAMPLE AND SOIL VAPOR PROBE LOCATIONS

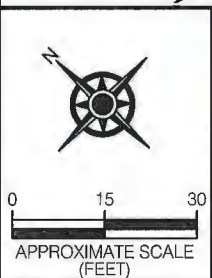
Former Grand Auto	
4240 East 14th Street (International Boulevard)	
SOURCE: AllWest	
DRAWN BY: CM	(10/13/2014)



LEGEND

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AllWest

PROJECT NO.
14151.36

FIGURE 2

BORING, WELL, INDOOR AIR SAMPLE AND SOIL VAPOR PROBE LOCATIONS

Former Grand Auto	
4240 East 14th Street (International Boulevard)	
SOURCE: AllWest	
DRAWN BY: CM	(10/13/2014)

CONFIDENTIAL

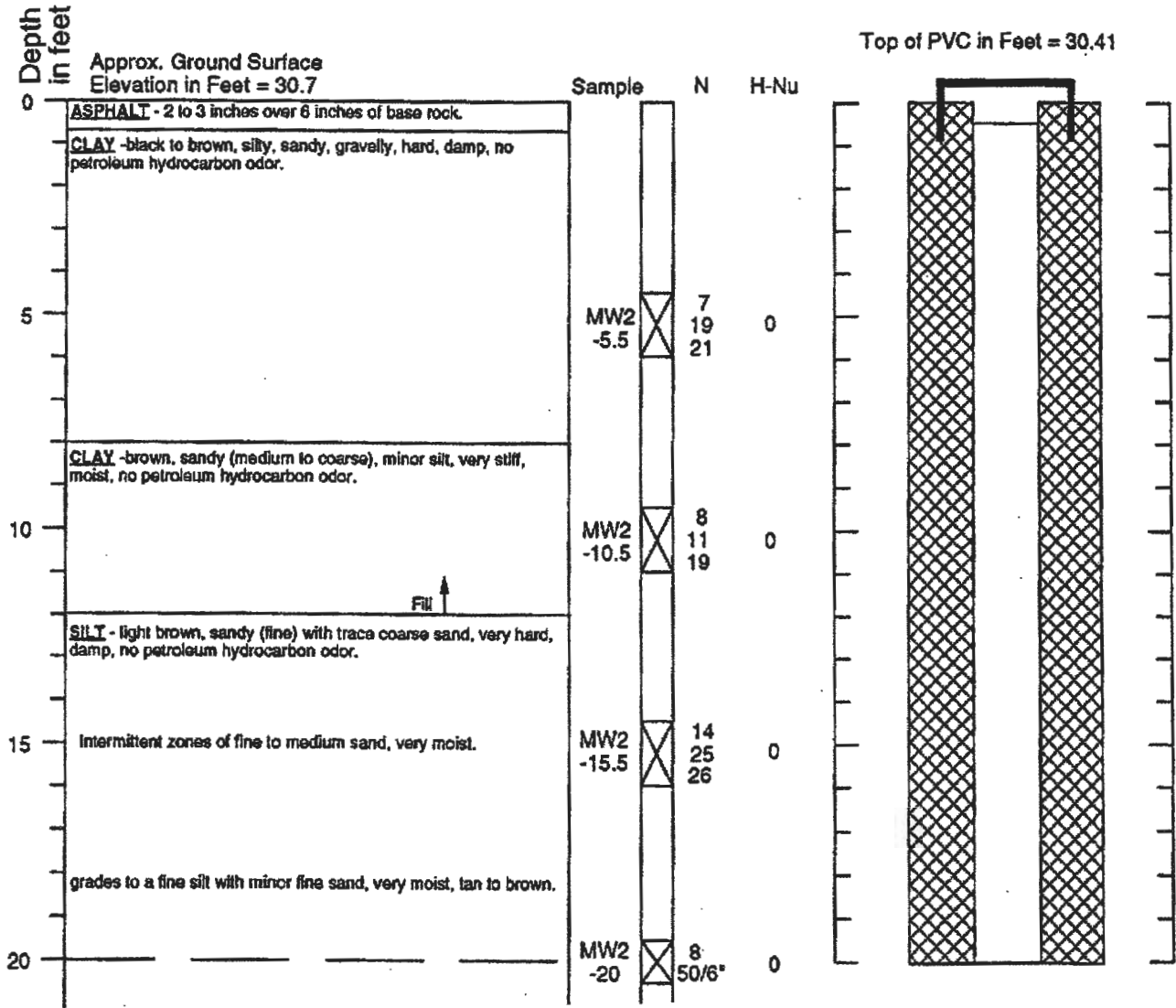
STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

Boring Log and Construction Data for Monitoring Well MW-2

Geologic Log

Monitoring Well Design

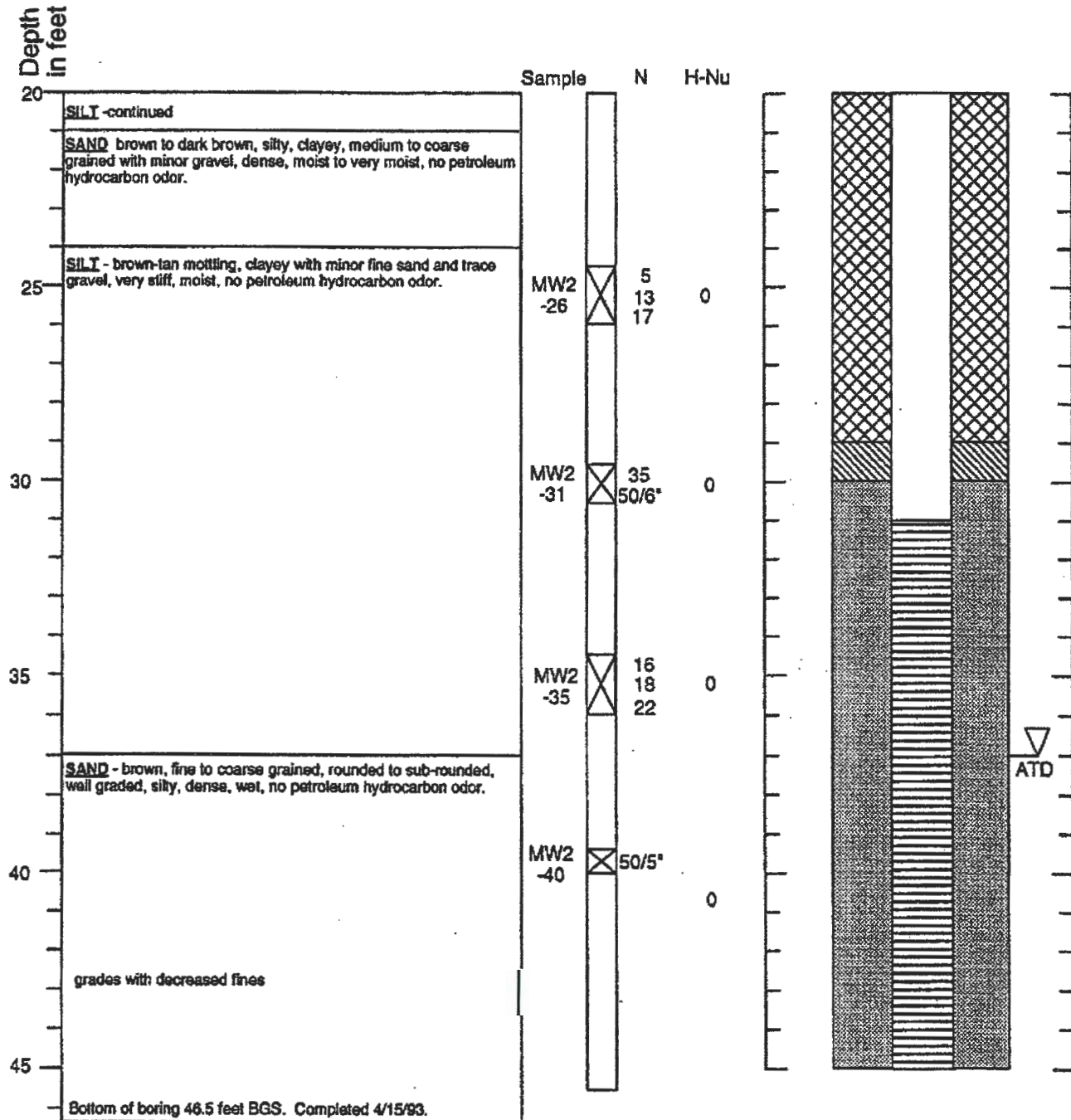


1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.
4. Elevations referenced to the City of Oakland Datum.

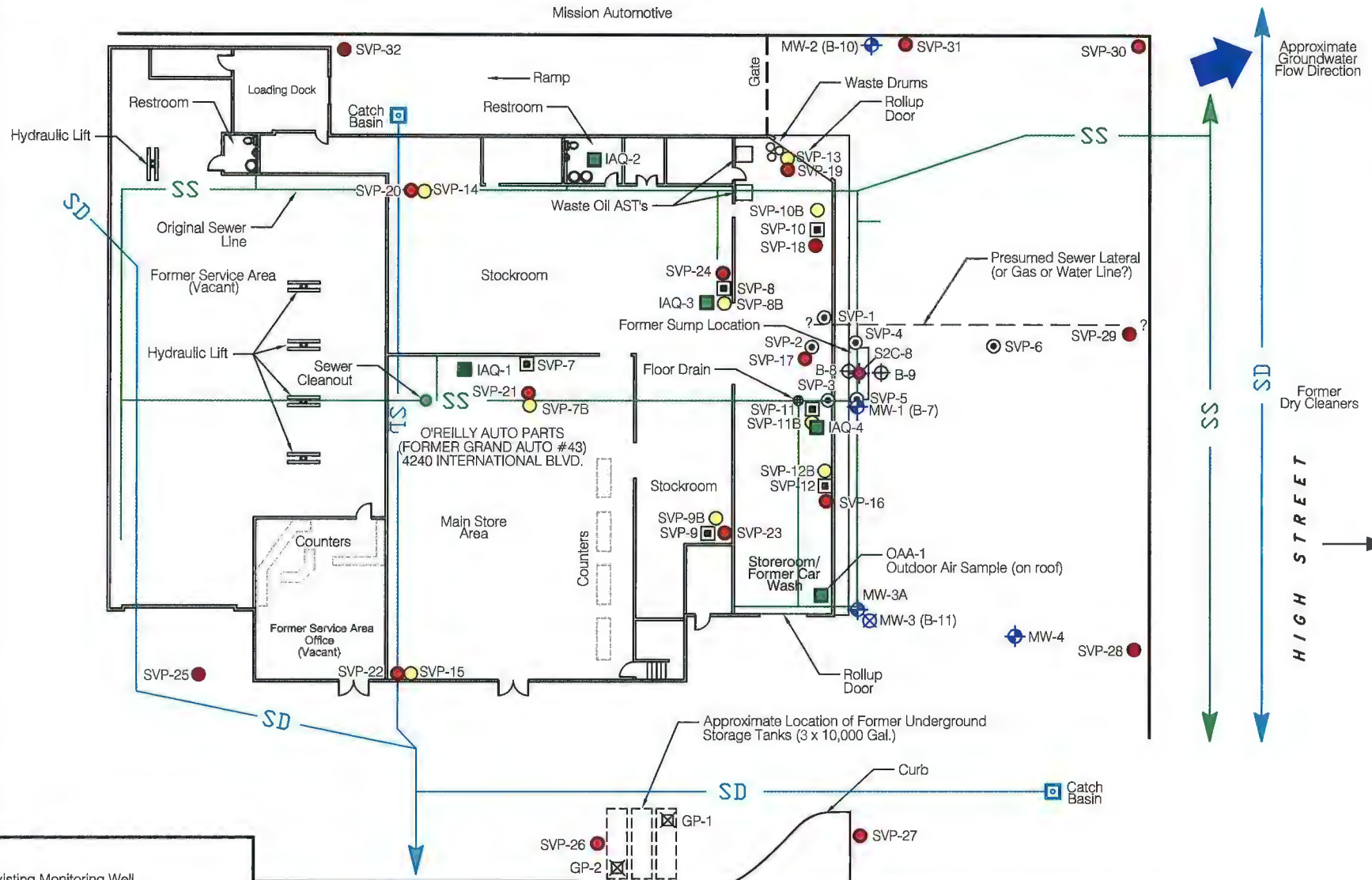
Boring Log and Construction Data for Monitoring Well MW-2

Geologic Log

Monitoring Well Design



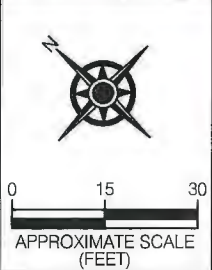
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LEGEND

- MW-2 Existing Monitoring Well
- SVP-1 Temporary 5 feet bgs Probe Soil Vapor Sample Location (AllWest, January 2012)
- SVP-25 Temporary Soil Vapor Probe Location to 5 feet bgs (AllWest, September 2013)
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- S2C-8 Excavation Soil Sample (HC, 1992)

- SVP-11 Semi-Permanent Sub-Slab Probe Soil Vapor Sample Location (AllWest, October 2012, Replaced September 2013)
- SVP-15 Semi-Permanent Sub-Slab Soil Vapor Probe Location (September 2013)
- GP-1 Geoprobe Boring Location (AllWest, 2012)
- SS Original Sanitary Sewer and Storm Drain Lines from 1960 Utility Plans
- SD Original Sanitary Sewer and Storm Drain Lines from 1960 Utility Plans



AllWest

PROJECT NO.
14151.36

FIGURE 2
BORING, WELL, INDOOR AIR SAMPLE AND SOIL VAPOR PROBE LOCATIONS

Former Grand Auto	
4240 East 14th Street (International Boulevard)	
SOURCE: AllWest	
DRAWN BY: CM	(10/13/2014)

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STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

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AllWest

AllWest Environmental, Inc.

Log of Boring: MW-3A

Sheet 1 of 2

Project Address: 4240 East 14th Street, Oakland, California

Project Number: 99287.25A

Drilling Date: 05/25/00

Drilling Contractor: Bay Area Exploration

Sampler: Split Spoon on 10-Foot Centers

Drill Rig: CME-75

Logged By: Rafael Ravelo

Auger: 10"

Blow Count	Sample Time	Sample Interval	Depth in Feet	Well Profile	USCS Code	Soil Description
NA	10:05		1		GW	Asphalt 3" Brown sand base with some gravel, moist.
			2			Traffic-Rated Well Vault with Locking Upper End Cap and Concrete Seal
			3		CL	Dark brown silty clay, moist.
			4		SM	Brown silty clay sand, moist.
	10:22		5			Cement/Bentonite Grout Backfill
			6			
			7			
			8			
			9			
			10			
			11			
			12			
			13			
			14			4"-Diameter 0.02"-Slotted Schedule-40 PVC Screen
	10:39		15		SM	Brown silty sand, moist.
			16			
			17			Bentonite Seal
			18			
			19			#3 Sand Filter Pack
			20			
			21			4" Diameter Blank Schedule 40 PVC Casing

Notes:

Reviewed By:
R. Horwath, R.G. #5925

Drawn By:
J. Tingin



AllWest

AllWest Environmental, Inc.

Log of Boring: MW-3A

Sheet 2 of 2

Project Address: 4240 East 14th Street, Oakland, California

Project Number: 99287.25A

Drilling Date: 05/25/00

Drilling Contractor: Bay Area Exploration

Sampler: Split Spoon on 10-Foot Centers

Drill Rig: CME-75

Logged By: Rafael Ravelo

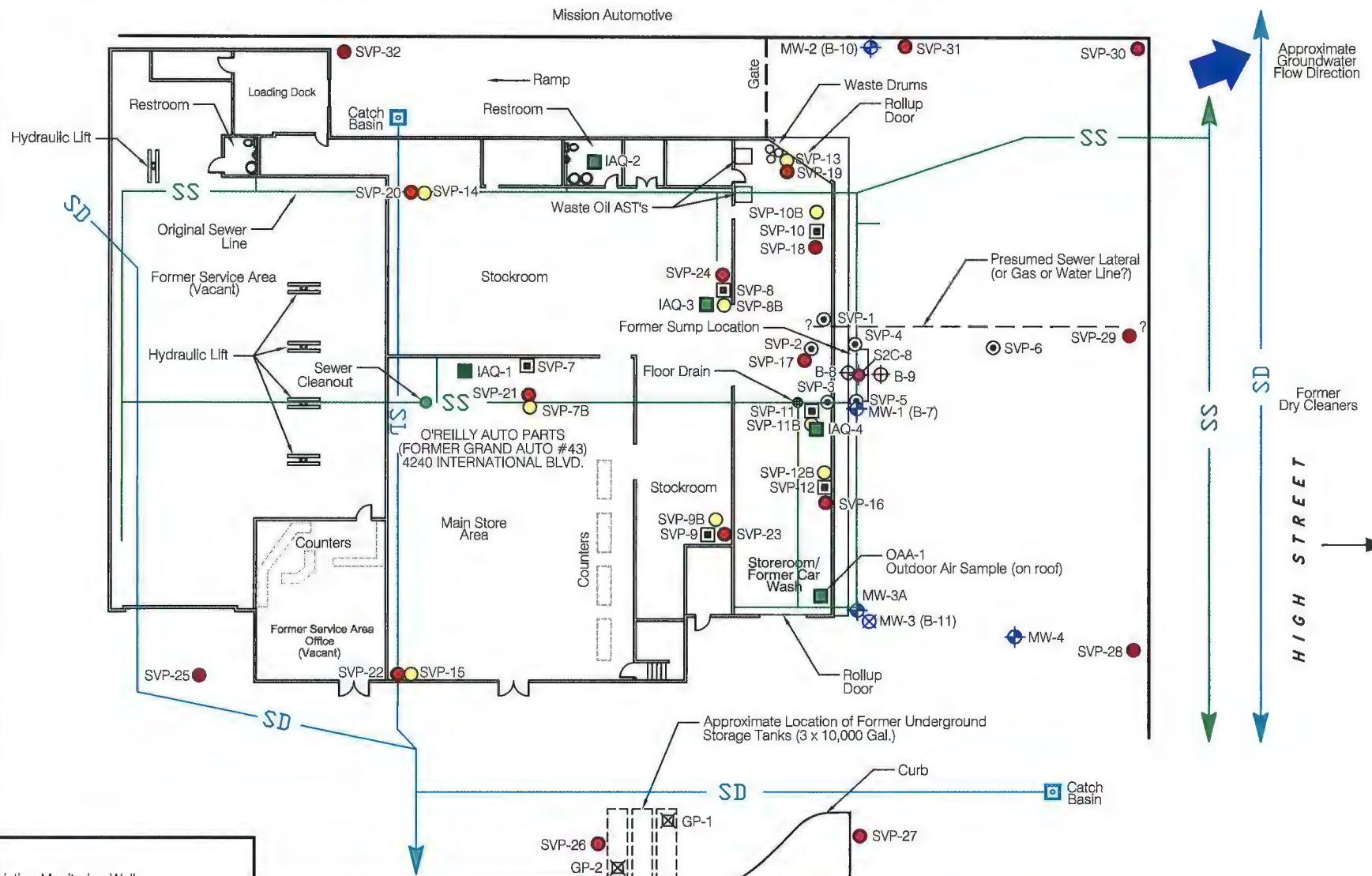
Auger: 10"

Blow Counts	Sample Time	Sample Interval	Depth in Feet	Well Profile	USCS Code	Soil Description
	10:59		22 -		CL	Medium brown silty clay, moist, some sand and gravel particles.
			23 -			
			24 -			
			25 -			
			26 -			
			27 -			
	11:48		28 -			
			29 -			
			30 -			
			31 -			
	12:17		32 -	GW	Brown poorly graded gravel, no fines, wet.	
			33 -			
			34 -			
			35 -			
			36 -			
			37 -			
			38 -			
			39 -			
			40 -			
			41 -			
						Notes: Boring terminated at 41' bgs.
						2" Diameter, 3" long, bottom PVC cap

Notes:

Reviewed by:
R. Horwath, R.G.#5925

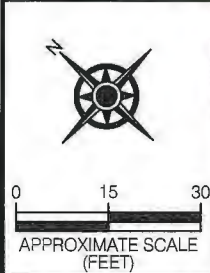
Drawn By:
JKM-Tingin



LEGEND

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AllWest

PROJECT NO.
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Former Grand Auto	
4240 East 14th Street (International Boulevard)	
SOURCE: AllWest	DRAWN BY: CM
(10/13/2014)	

CONFIDENTIAL

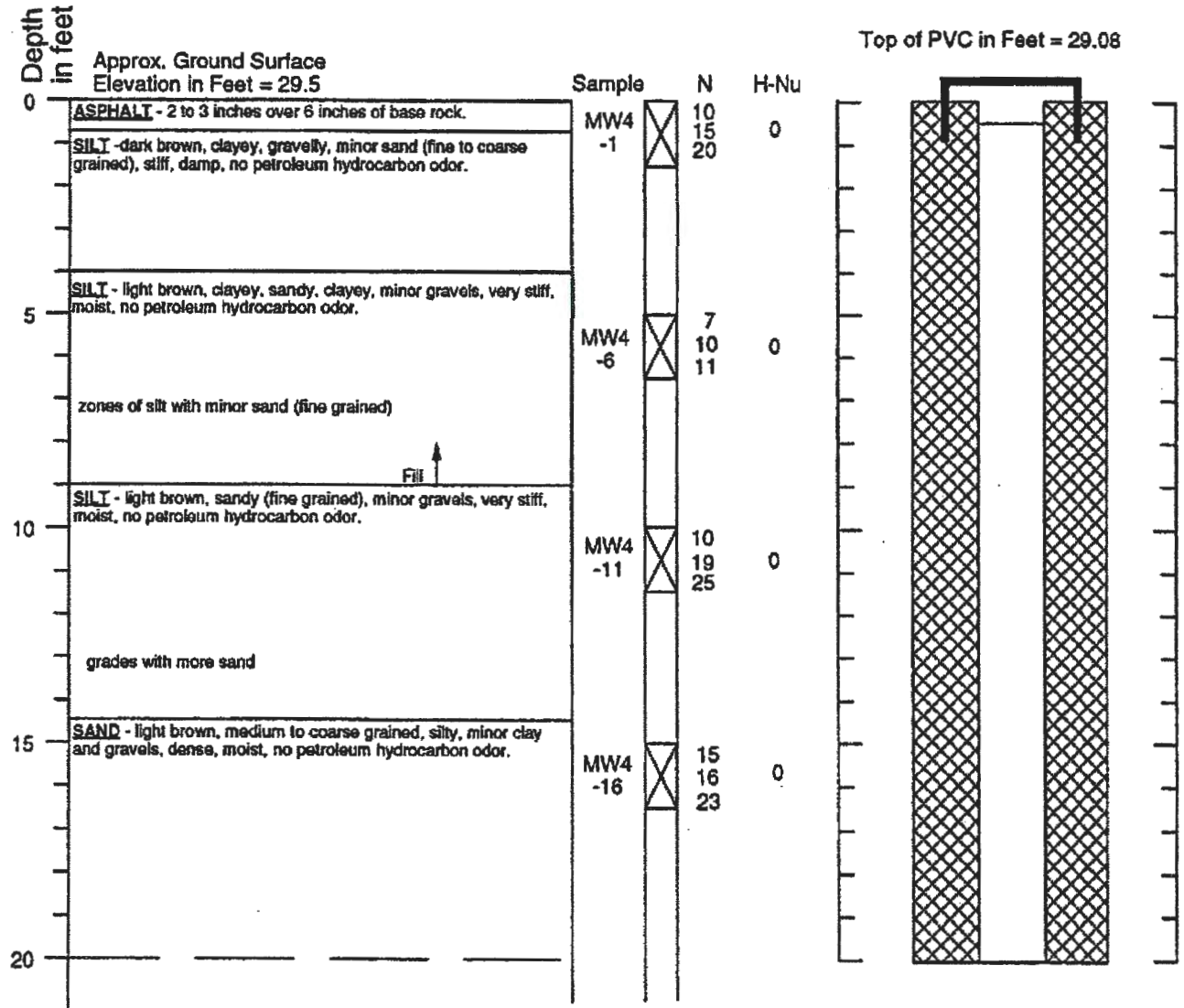
STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

Boring Log and Construction Data for Monitoring Well MW-4

Geologic Log

Monitoring Well Design

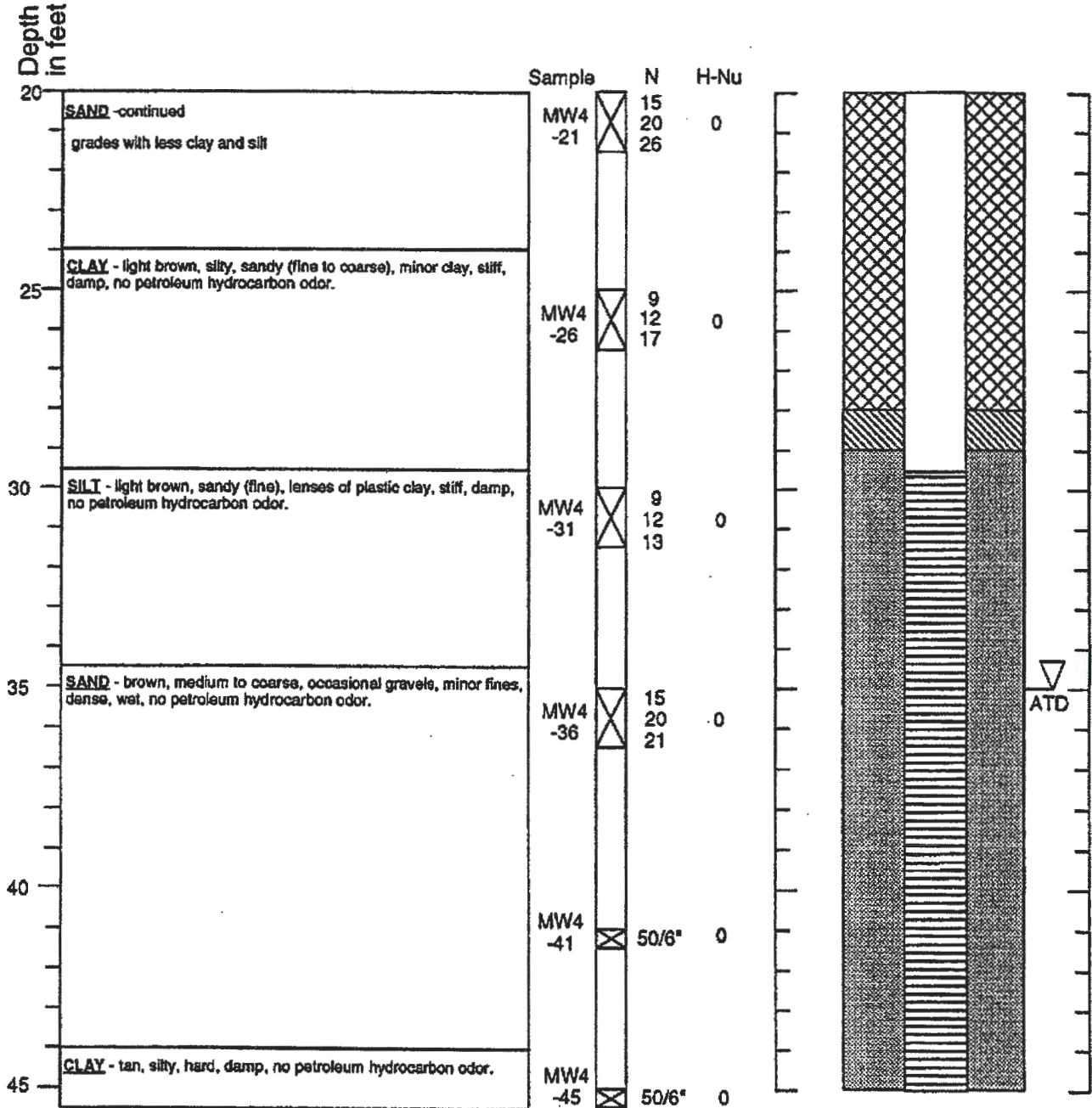


1. Refer to Figure A-1 for explanation of descriptions and symbols.
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Boring Log and Construction Data for Monitoring Well MW-4

Geologic Log

Monitoring Well Design



Bottom of boring 45.5 feet BGS. Completed 4/14/93.

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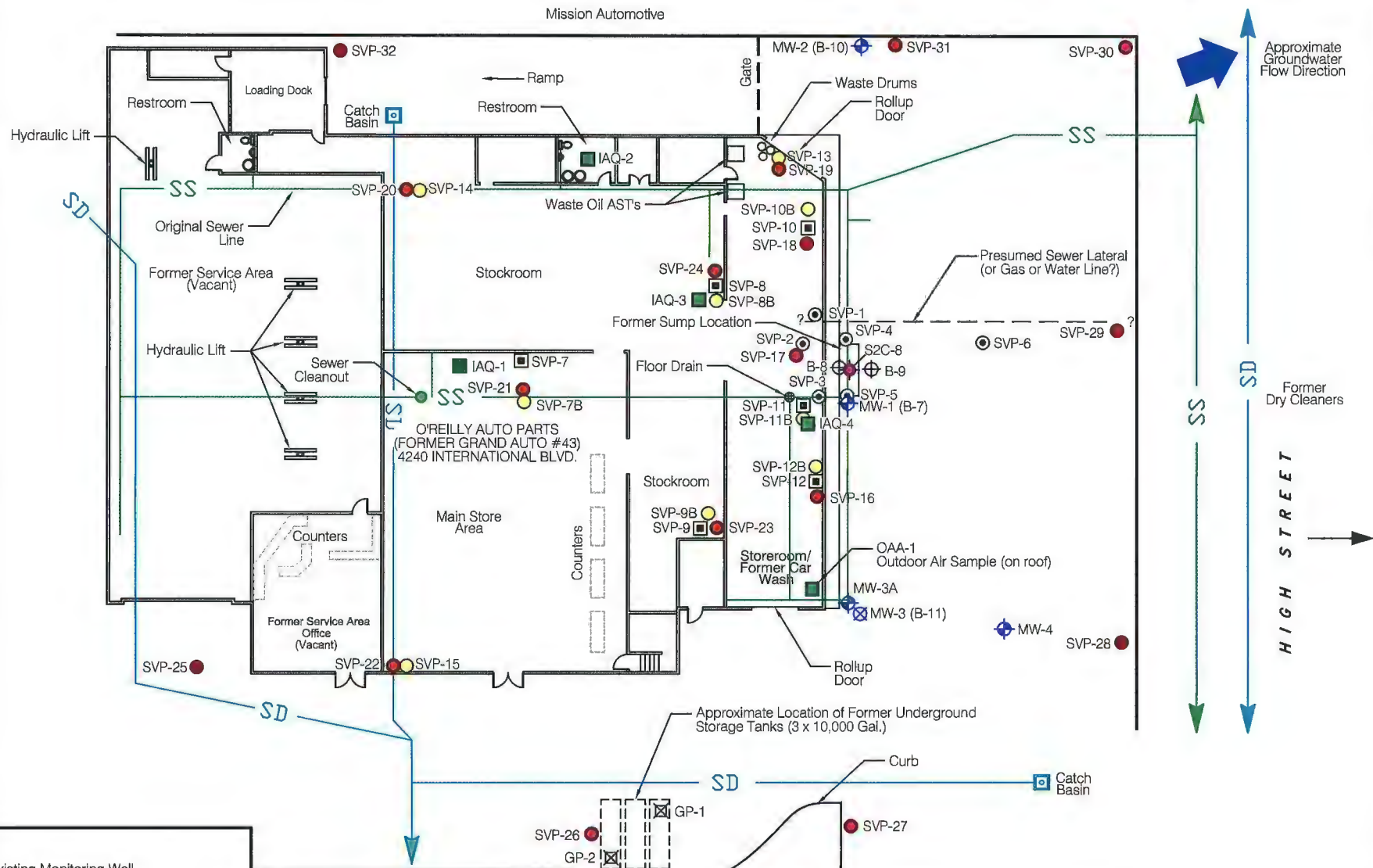


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J-6077

5/93

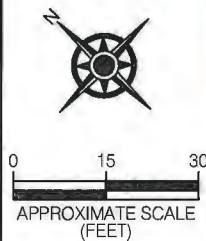
Figure A-7



LEGEND

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PROJECT NO.
14151.36

**FIGURE 2
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SOIL VAPOR PROBE LOCATIONS**

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4240 East 14th Street (International Boulevard)	
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