

Detterman, Mark, Env. Health

From: Brian Busch <brian.busch@innovex.net>
Sent: Monday, June 11, 2018 12:38 PM
To: Amberber, Eneyew
Cc: Detterman, Mark, Env. Health
Subject: RE: Alameda County Well Permit WCR Notice - Palace Garage, 14336 Washington Avenue, San Leandro
Attachments: MW-1.pdf; MW-2.pdf; MW-3.pdf; MW-4.pdf; MW-5.pdf

Hi Eneyew,

Attached are WCRs for permits W2018-0321 through W2018-0325 for well destructions at 14336 Washington Avenue in San Leandro. Please let me know if you need anything else to close out the well destruction permits for this site. I will submit these to the DWR.

Thanks,
Brian

Brian Busch
Supervising Scientist

INNOVEX Environmental Management, Inc.

2300 Clayton Road, Suite 1435
Concord, California 94520
Direct: (925) 566-8403
Mobile: (925) 708-2775
Fax: (925) 459-5602
www.innovex.net

Small Business Administration 8(a) and SDB Certified
State Department of General Services (DGS) Certified Micro Business (Supplier No. 1653580)
National Minority Supplier Development Council Certified MBE (Cert. No. BA11-0117)
SMUD Supplier Education and Economic Development (SEED) Certified Vendor

From: eneyew@acpwa.org [mailto:eneyew@acpwa.org]
Sent: Thursday, May 31, 2018 5:02 PM
To: Brian Busch <brian.busch@innovex.net>
Subject: Alameda County Well Permit WCR Notice

Application Id: 1523656924906
Application submitted on: 04/13/2018
Project Site City/Location: San Leandro / 14336 Washington Ave, San Leandro, CA 94578, USA
Project Start Date: 05/16/2018 Completion Date: 05/16/2018

State Well Completion Reports(WCR) due:

Permit #	Inspection Completion Date	WCR Due Date
W2018-0321	05/31/2018	07/30/2018
W2018-0322	05/31/2018	07/30/2018
W2018-0323	05/31/2018	07/30/2018
W2018-0324	05/31/2018	07/30/2018

Important instructions for completing the WCR: [Click Here](#)

Submit WCRs to your assigned inspector:

Eneyew Amberber
Water Resources Section - WCR-Form
Alameda County Public Works Agency
399 Elmhurst Street
Hayward, CA 94544

If you have any questions, please contact your inspector [Eneyew Amberber](#) at eneyew@acpwa.org or (510) 670-5759

Thank you,
Public Works Agency-Water Resources
website: www.acpwa.org/drilling-and-wells-permit/, email: wells@acpwa.org

EXPLORATORY BORING LOG/ WELL CONSTRUCTION DETAIL

Project Number: 135
 Project Name: 14336 WASHINGTON AVENUE
 SAN LEANDRO, CALIFORNIA

Boring Number: MW-1
 Page Number: 1 OF 1

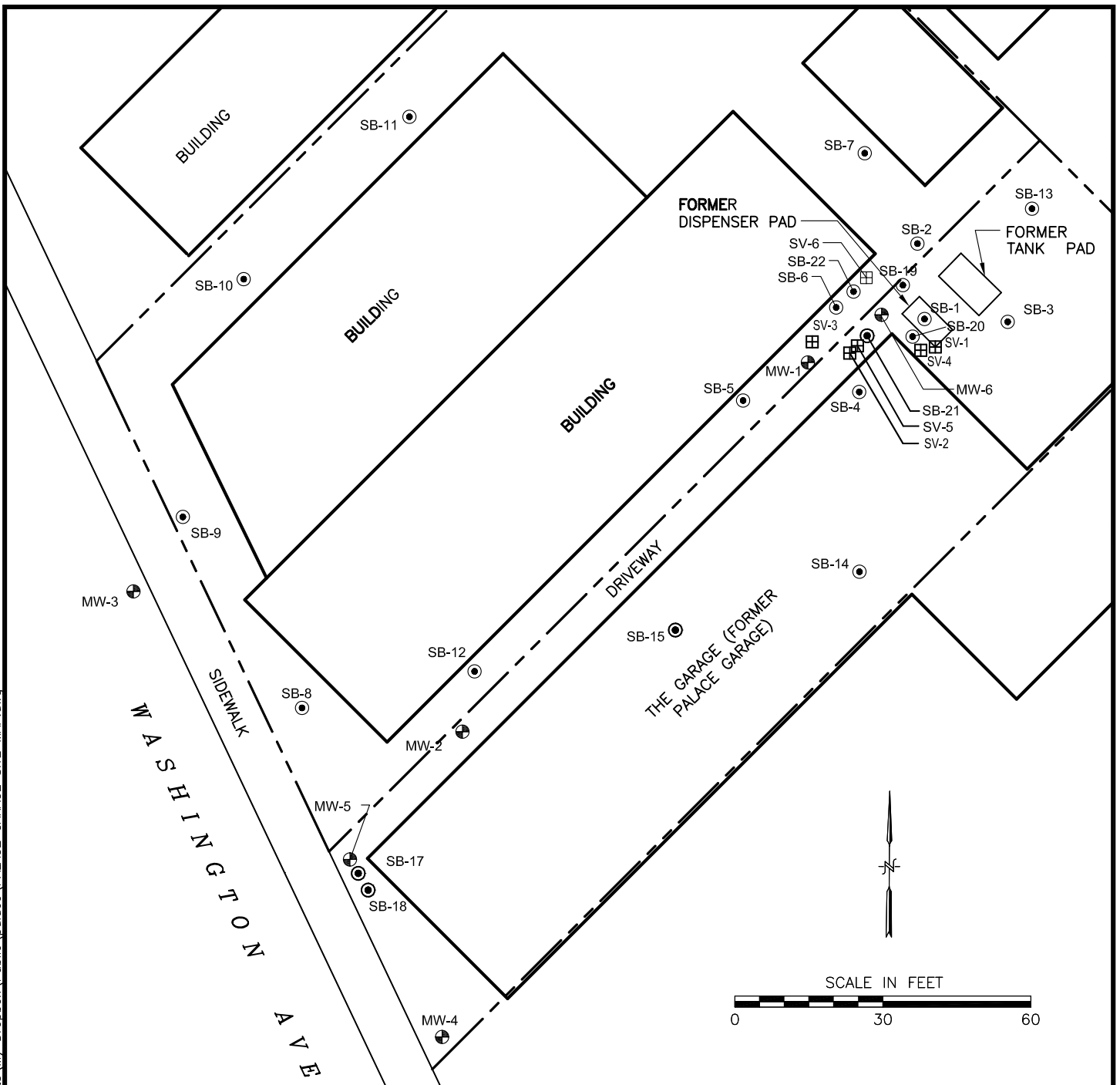
By: ALLCAL ENVIRONMENTAL Date: 5/10/00 Top of Casing Elevation: 37.47

RECOVERY (ft./ft.)	VAPORS (ppm)	PENETRATION (blows/ft.)	GROUND- WATER LEVEL	DEPTH (ft.)	SAMPLES	SOIL TYPE	DESCRIPTION	WELL DETAIL
							0 - .5 ft. Asphalt underlain by aggregate base rock.	2-inch O.D. PVC Blank Casing With Locking Cap
1.5/1.5		20		5		CL	.5 - 6.0 ft. CLAY (CL): dark brown to black, silty, sandy, firm, damp, no odor.	Portland Cement
1.5/1.5		14		10		CL	6.0 - 15.0 ft. CLAY (CL): brown, silty, sandy, trace of gravel, soft to firm, damp, no odor. @ 10.0 ft. green with hydrocarbon odor.	Bentonite 2-inch O.D. PVC Blank Casing With Locking Cap
1.5/1.5		5	▼	15		SP	15.0 - 21.0 ft. SAND (SP): green, alternating fine and medium-grained, saturated, hydrocarbon odor.	No. 2/12 Sand Pack
1.5/1.5		10		20				0.10-Soilbed, 2 inch, O.D., PVC Screen With End Cap
1.5/1.5		9				CL	21.0 - 24.5 ft. CLAY (CL): mottled brown and orange, sandy, soft, damp, no odor.	
1.5/1.5		9		25			Total depth of boring 24.5 feet. Total depth of well 24 feet.	
				30				
				35				

BORING DETAIL: Drilled with continuous-flight, 8-inch O.D., hollow-stem auger. Samples collected in a standard penetration sampler.

2-inch O.D. diameter well constructed inside boring.

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LEGEND:

- SHALLOW SOIL SAMPLE LOCATION
- ⊕ GROUNDWATER MONITORING WELL LOCATION
- ⊙ SOIL BORING LOCATION
- ⊞ SOIL VAPOR PROBE
- PROPERTY LINE

NOTES:

1. BASEMAP SOURCE: MORROW SURVEYING, 2/05/03

FIGURE 2

SITE MAP WITH BORING LOCATIONS

PALACE GARAGE
14336 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA



INNOVEX
ENVIRONMENTAL MANAGEMENT, INC.

4600 Northgate Boulevard • Suite 230
Sacramento • California • 95834
Phone: (800) 988-7880

EXPLORATORY BORING LOG/ WELL CONSTRUCTION DETAIL

Project Number: 135
 Project Name: 14336 WASHINGTON AVENUE
 SAN LEANDRO, CALIFORNIA

Boring Number: MW-2
 Page Number: 1 OF 1

By: ALLCAL ENVIRONMENTAL

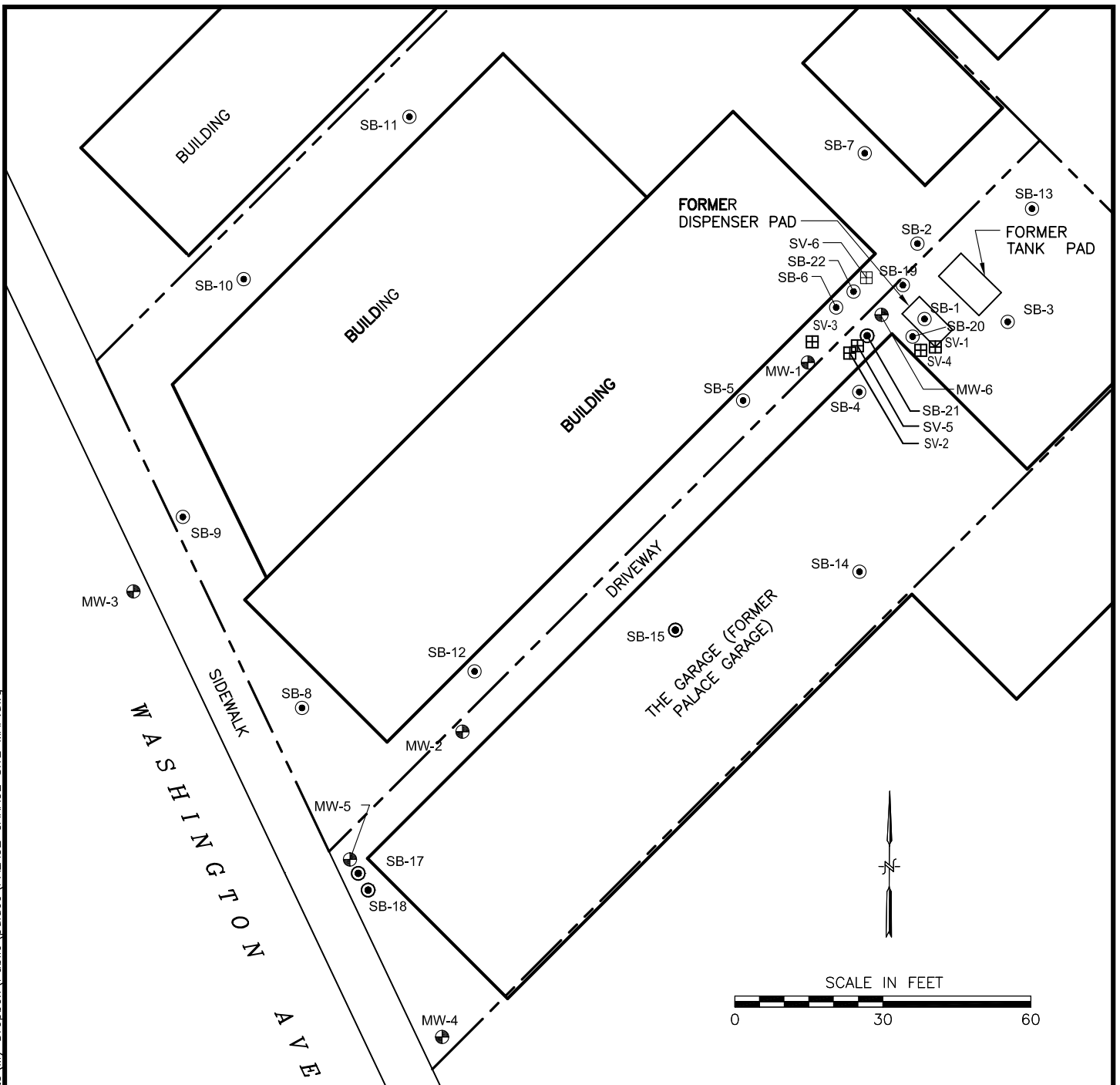
Date: 5/10/00

Top of Casing Elevation: 36.99

RECOVERY (ft./ft.)	VAPORS (ppm)	PENETRATION (blows/ft.)	GROUND- WATER LEVEL	DEPTH (ft.)	SOIL TYPE	DESCRIPTION	WELL DETAIL
						0 - .83 ft. Asphalt underlain by aggregate base rock.	
					CL	.83 - 2.5 ft. CLAY (CL): dark brown to black, silty, sandy, firm, damp, no odor.	
1.5/1.5		27		5		2.5 - 13.0 ft. CLAY (CL): brown, silty, sandy, soft to firm, damp, no odor.	Portland Cement
1.5/1.5		18		10		@ 10.0 ft. very sandy.	Bentonite 2-inch O.D. PVC Blank Casing With Locking Cap
1.5/1.5		4	▼	15	CL	13.0 - 16.5 ft. CLAY (CL): green, very silty, damp to wet, hydrocarbon odor. Sand in shoe.	
1.5/1.5		3		20	SP	16.5 - 20.5 ft. SAND (SP): grey, medium-grained, saturated, hydrocarbon odor.	No. 2/12 Sand Pack 0/10-Strat. 2-inch, O.D. PVC Screen With End Cap
1.5/1.5		5		25	CL	20.5 - 25.0 ft. CLAY (CL): mottled brown and black, sandy, soft to firm, damp, no odor.	
						Total depth of boring 25 feet. Total depth of well 24 feet.	
				30			
				35			

BORING DETAIL: Drilled with continuous-flight, 8-inch O.D., hollow-stem auger. Samples collected in a standard penetration sampler.
 2-inch O.D. diameter well constructed inside boring.

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EXPLORATORY BORING LOG/ WELL CONSTRUCTION DETAIL

Project Number: 135
 Project Name: 14336 WASHINGTON AVENUE
 SAN LEANDRO, CALIFORNIA

Boring Number: MW-3
 Page Number: 1 OF 1

By: ALLCAL ENVIRONMENTAL

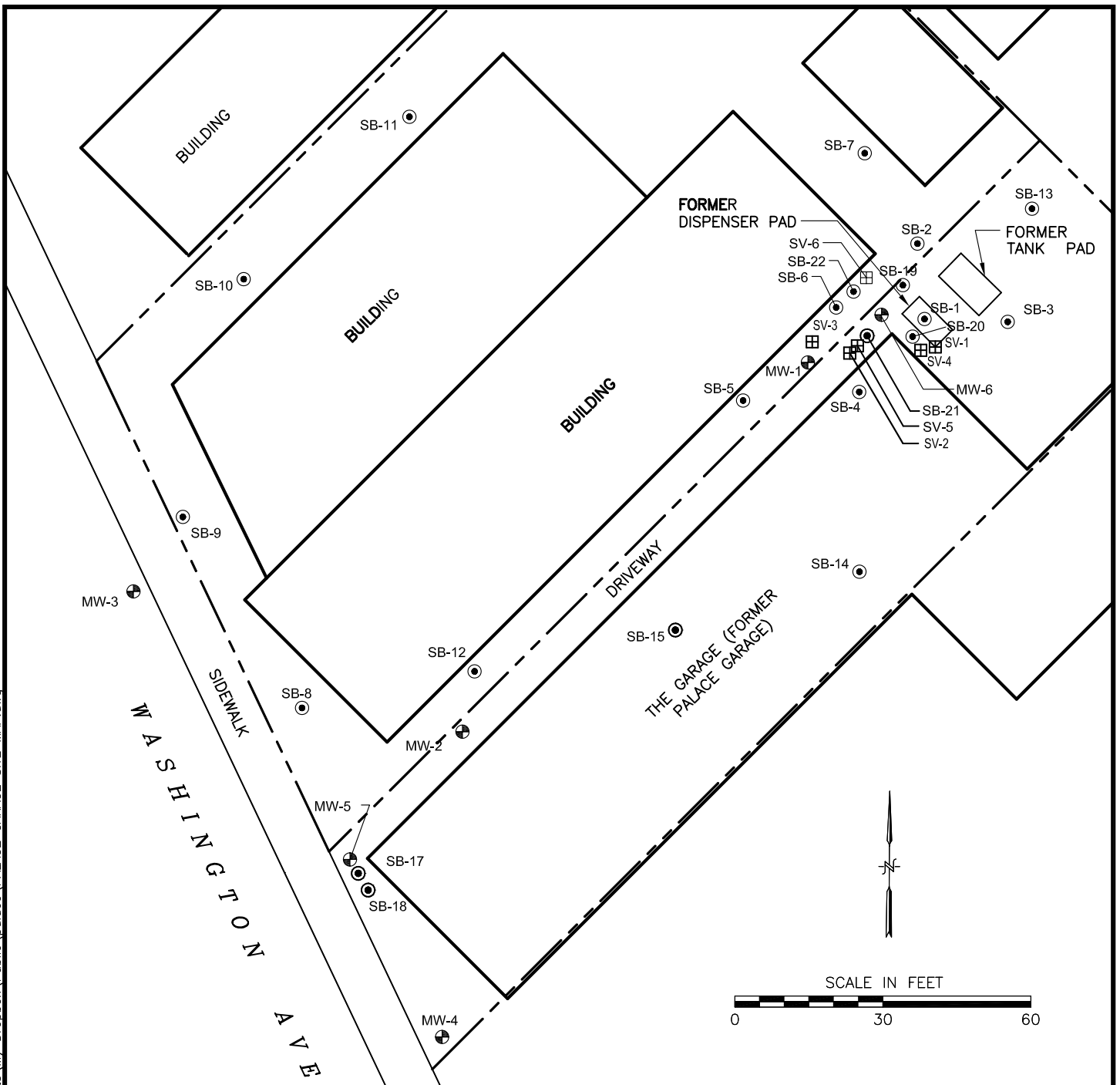
Date: 5/10/00

Top of Casing Elevation: 36.88

RECOVERY (ft./ft.)	VAPORS (ppm)	PENETRATION (blows/ft.)	GROUND- WATER LEVEL	DEPTH (ft.)	SAMPLES	SOIL TYPE	DESCRIPTION	WELL DETAIL
							0 - 1.0 ft. Street Surface: 8 inches asphalt underlain by aggregate base rock.	
						SP		
						CL	1.0 - 2.0 ft. SAND (SP): grey, fine to medium-grained, gravelly, damp, no odor.	
				5			2.0 - 5.0 ft. CLAY (CL): dark brown to black, silty, sandy, medium-firm, damp, no odor.	
1.5/1.5		25					5.0 - 15.0 ft. CLAY (CL): brown, silty, sandy, medium-firm, damp, no odor.	Portland Cement
				10		CL	@ 10.0 ft. Light brown, very sandy, soft.	2-Inch O.D. PVC Blank Casing With Locking Cap
1.5/1.5		14						Bertrawite
			▼	15				
1.5/1.5		6				SP/GP	15.0 - 16.5 ft. SAND (SP) AND GRAVEL (GP): alternating layers 2-3 inches thick, brown, sand: fine to medium-grained, gravel: medium-grained, saturated, no odor.	
1.5/1.5		10				SP		No. 2/12 Sand Pack
1.5/1.5		6					16.5 - 19.5 ft. SAND (SP): brown, fine to medium-grained, saturated, no odor.	
1.5/1.5		4		20			@ 19.0 ft. Fine-grained, very clayey.	010-Struffed, 2-inch, O.D., PVC Screen With End Cap
1.5/1.5		5				CL		
1.5/1.5		8					19.5 - 24.0 ft. CLAY (CL): mottled brown and orange, very sandy, soft, damp, no odor.	
				25			Total depth of boring and well is 24 feet.	
				30				
				35				

BORING DETAIL: Drilled with continuous-flight, 8-inch O.D., hollow-stem auger. Samples collected in a standard penetration sampler.
 2-inch O.D. diameter well constructed inside boring.

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LEGEND:

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- PROPERTY LINE

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FIGURE 2

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 14336 WASHINGTON AVENUE
 SAN LEANDRO, CALIFORNIA



INNOVEX
 ENVIRONMENTAL MANAGEMENT, INC.

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 Phone: (800) 988-7880

SOIL BORING LOG

BORING NO: SB-16
 SHEET 1 OF 1

PROJECT NAME: PALACE GARAGE
 PROJECT NUMBER: 575-2G033 DATE: 12/6/02
 DRILLING COMPANY: V&W DRILLING
 DRILLING METHOD: GEOPROBE PUSH-DRILL
 BORING DIAMETER: 2 INCHES DEPTH: 24.0 FEET

GROUNDWATER LEVELS		
DATE	COMMENTS	DEPTH BGS
12/6/02	INITIALLY ENCOUNTERED	15.5 FEET

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL		PID (PPM)	USCS	REMARKS
1				1" Asphaltic Concrete over 2" Aggregate Baserock.			
1-2				Sandy Clay (CL), Light brown, moist, stiff, medium to coarse sand (FILL).		CL	Brick encountered in boring.
3				Silty Clay (CL), Dark brown, moist, stiff, (NATIVE).	403	CL	
4-6				As above; medium brown.	1221		No odor.
7-8					588		No odor.
9-11				As above; many fine sand.	179		No odor.
12-14							
15				Clayey Sand (SC), Medium brown, very moist to wet, medium sand.		SC	Water at approx. 15.5 feet.
16-18				As above; wet.	199		No odor.
19-21				As above; fine to medium sand, some silt.			Softer at 18 feet.
22				Sandy Silt (ML), Medium brown, wet, stiff, fine sand.		ML	
23-24							
25				Boring terminated at 24.0 feet. Groundwater encountered at approximately 15.5 feet. Borehole converted to MW-4 (22.5 feet total well depth).			

Reviewed By: _____ LOGGED BY: Brand Burfield

MONITORING WELL RECORD

WELL/BORING NO: MW-4 19B-16

DATE: 12/6/02

PROJECT NAME: PARADE GARAGE

PROJECT NO: 579-26033

LOCATION PLAN:

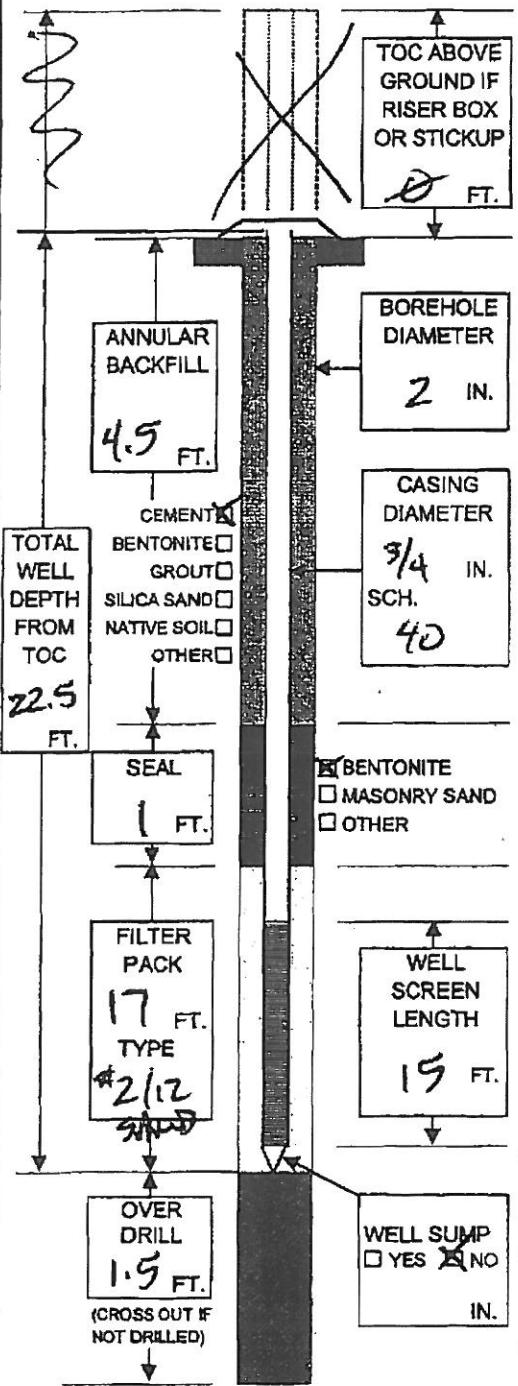
SEC: TWN: RGE: LAT: LONG:

DRILLERS: V & W DRILLING - RICH KUBIE

PERMIT INFORMATION: ACTWA W02-1160

WELL TYPE: SHALLOW SINGLE CASED MONITORING
 PERMANENT INTERMEDIATE DOUBLE CASED RECOVERY
 TEMPORARY DEEP OTHER OTHER

WELL SCHEMATIC



INSTALLATION DATA

DECON. STEAM CLEAN HIGH PRESSURE WASH
 SOAP WASH OTHER

CASING TYPE: PVC STAINLESS TEFLON OTHER
 JOINTS: THREADED WELDED COUPLED
 SCREWED OTHER

PIT CASING: YES NO DESCRIBE

WELL SCREEN: PVC STAINLESS TEFLON OTHER
 DIAMETER: 2" 4" 6" OTHER 3/4 IN
 SLOT: 0.010 0.020 OTHER IN

DRILLING METHOD: SOLID STEM HOLLOW STEM MUD ROTARY
 AIR ROTARY DIRECT PUSH HAND AUGER
 OTHER

BIT SIZE: 2" 4" 6" 8" 12" OTHER IN

DRILLING MUD: NONE WATER BENTONITE
 OTHER

CENTRALIZER: YES NO

COMPLETION: FLUSH MOUNT STICKUP RISER BOX
 LOCK TYPE: DOLPHIN MASTER KEY NO.
 OTHER

PAD: 2'X2' 4'X4' OTHER

CUTTINGS: DRUMMED NUMBER OF DRUMS
 SPREAD OTHER

DEVELOPMENT METHOD: NONE BAILING PUMPING AIR LIFT
 SURGE & BLOCK OTHER
 TIME: 10 MIN 20 MIN OTHER MIN
 AMOUNT: 5 GAL 10 GAL OTHER GAL

WATER BEFORE: SILTY TURBID OPAQUE CLEAR
 WATER AFTER: SILTY TURBID OPAQUE CLEAR
 EVIDENT ODOR: YES NO TYPE

DEVELOPMENT WATER: DRUMMED NUMBER OF DRUMS < 1
 SPREAD TREATED POTW OTHER

WATER LEVEL: INITIAL 15.5 FT BTOC BLS

DATE: 1/2/03 13.45 FT BELOW TOC

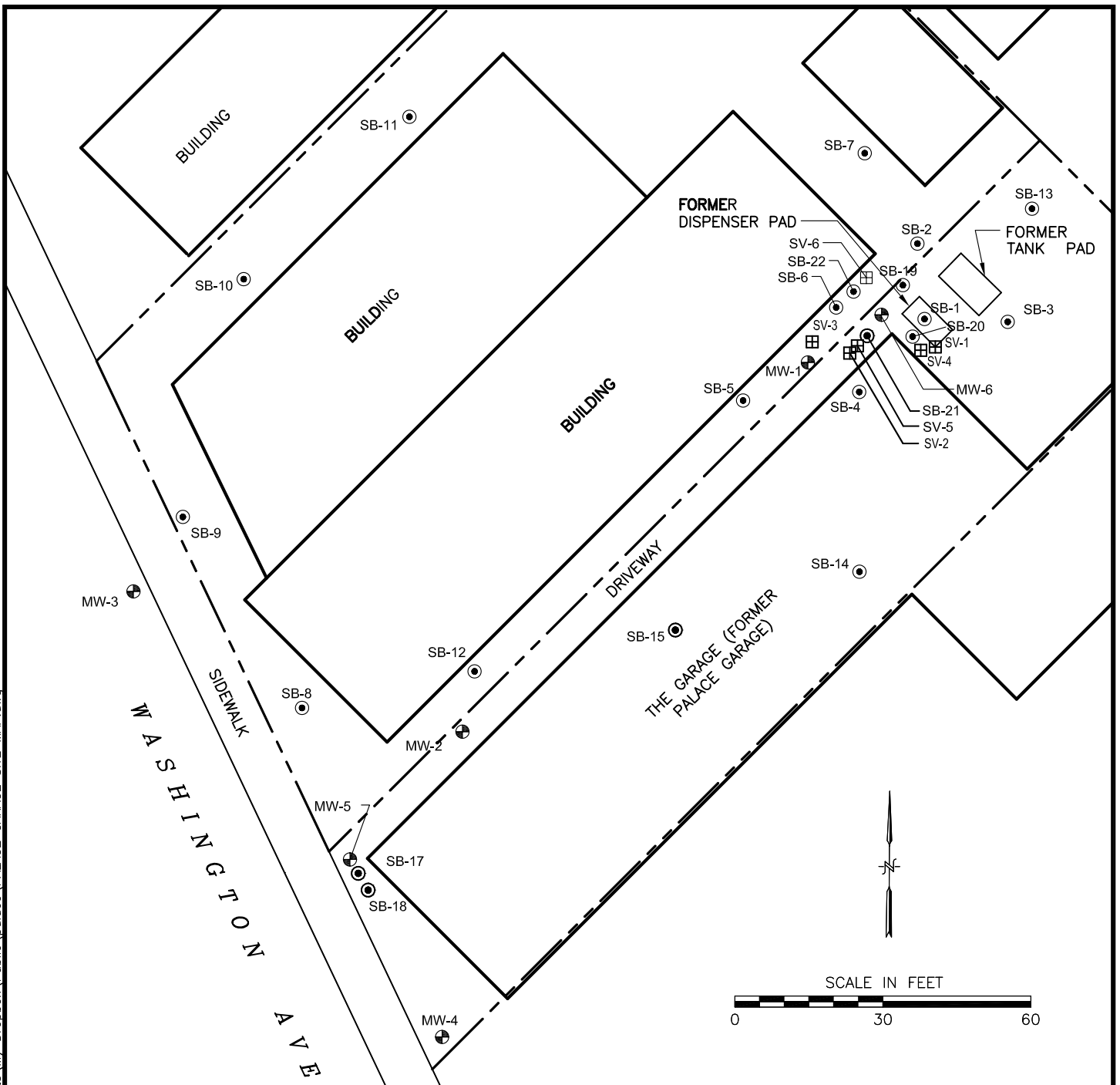
DATE: _____ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)



PREPARED BY: B. BURFELD

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LEGEND:

- SHALLOW SOIL SAMPLE LOCATION
- ⊕ GROUNDWATER MONITORING WELL LOCATION
- ⊙ SOIL BORING LOCATION
- ⊞ SOIL VAPOR PROBE
- PROPERTY LINE

NOTES:

1. BASEMAP SOURCE: MORROW SURVEYING, 2/05/03

FIGURE 2

SITE MAP WITH BORING LOCATIONS

PALACE GARAGE
14336 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA



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4600 Northgate Boulevard • Suite 230
Sacramento • California • 95834
Phone: (800) 988-7880

File Original with DWR

State of California
Well Completion Report

DWR Use Only - Do Not Fill In			
State Well Number/Site Number			
N	W		
Latitude		Longitude	
APN/TRS/Other			

Page 1 of 1
 Owner's Well Number MW-5
 Date Work Began 5-18-2018 Date Work Ended 5-18-2018
 Local Permit Agency ALAMEDA CO. PUBLIC WORKS AGENCY
 Permit Number W2018-0325 Permit Date 4-23-2018

Refer to Instruction Pamphlet
No. **e0367457**

Geologic Log

Orientation		<input type="radio"/> Vertical	<input type="radio"/> Horizontal	<input type="radio"/> Angle	Specify _____
Drilling Method _____		Drilling Fluid _____			
Depth from Surface	Feet	to	Feet	Description	
				Describe material, grain size, color, etc	
Total Depth of Boring			<u>18</u>	Feet	
Total Depth of Completed Well			<u>18</u>	Feet	

WELL DESTROYED BY
PRESSURE GROUTING

SEE ATTACHED
BORING LOG

Well Owner (confidential pursuant to CA Water Code 13752)

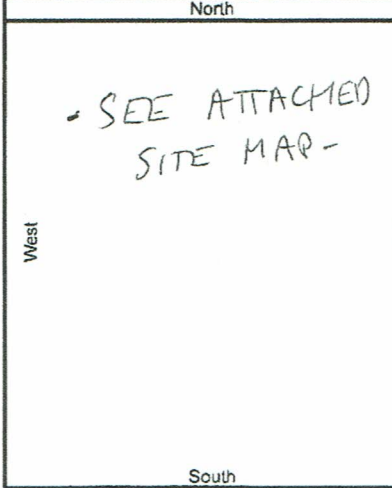
Name KERRY + ASSOCIATES
 Mailing Address 151 CALLAN AVE, #300
 City SAN LEANDRO State CA Zip 94577

Well Location

Address 14336 WASHINGTON AVE.
 City SAN LEANDRO County ALAMEDA
 Latitude _____ Dec. _____ Min. _____ Sec. _____ N Longitude _____ Dec. _____ Min. _____ Sec. _____ W
 Datum _____ Dec. Lat. _____ Dec. Long. _____
 APN Book TTC Page 1235 Parcel 2-16
 Township _____ Range _____ Section _____

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- New Well
- Modification/Repair
- Deepen
- Other _____
- Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- Water Supply
 - Domestic
 - Public
 - Irrigation
 - Industrial
- Cathodic Protection
- Dewatering
- Heat Exchange
- Injection
- Monitoring
- Remediation
- Sparging
- Test Well
- Vapor Extraction
- Other _____

Water Level and Yield of Completed Well

Depth to first water _____ (Feet below surface)
 Depth to Static _____
 Water Level _____ (Feet) Date Measured _____
 Estimated Yield * _____ (GPM) Test Type _____
 Test Length _____ (Hours) Total Drawdown _____ (Feet)
 *May not be representative of a well's long term yield.

Casings

Depth from Surface	Borehole Diameter	Type	Material	Wall Thickness	Outside Diameter	Screen Type	Slot Size if Any
Feet to Feet	(Inches)			(Inches)	(Inches)		(Inches)

Annular Material

Depth from Surface	Fill	Description
Feet to Feet		

Attachments

- Geologic Log
- Well Construction Diagram
- Geophysical Log(s)
- Soil/Water Chemical Analyses
- Other _____

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief
 Name Glen Reiss *VTS Drilling*
Person, Firm or Corporation
2560 Barrington Ct *Hayward* CA 94545
Address City State Zip
 Signed [Signature] Date Signed 6-8-18 C-57 License Number 916085
C-57 Licensed Water Well Contractor C-57 License Number



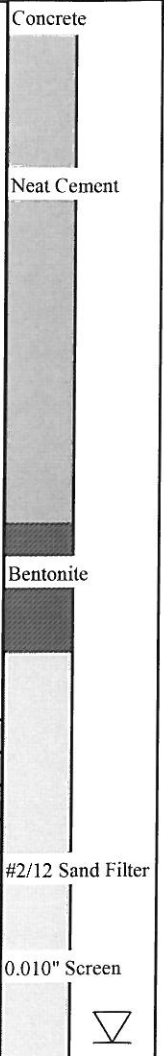
Project No: **1601-02-03**
 Logged By: **Matthew Farris**
 Driller: **Cleah Heart Drilling, Inc.**
 Drilling Method: **Hollow Stem Auger**
 Sampling Method: **Cal Modified Split Spoon**

Well Diameter: **2"**
 Well Depth: **18'**
 Casing Type: **PVC**
 Slot Size: **0.010"**
 Sand Pack: **#2/12**

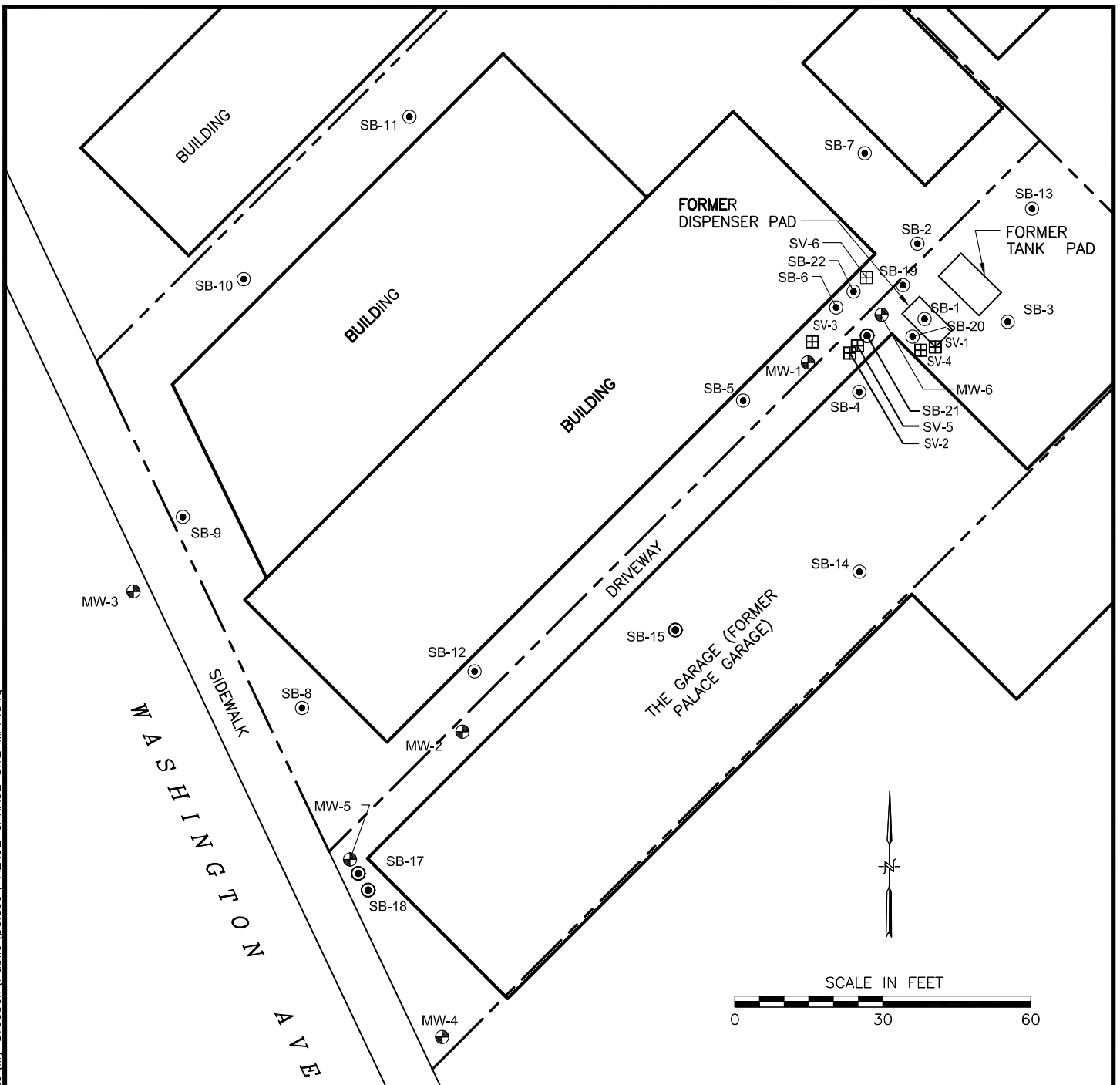
Screen Interval: **11-18'**
 Hole Diameter: **8"**
 Hole Depth: **18'**
 First Water Depth: **16'**

▽ = First Water
 ▼ = Static Groundwater

Well Completion		Elevation			Northing		Easting		LITHOLOGY / DESCRIPTION
Backfill	Casing	Static Water Level	Moisture Content	PID Reading (ppm)	Blow Counts	Depth (feet)	Sample Recovery Interval	Soil Type	
Concrete	Neat Cement				Hand Augured	1			Asphalt - 6" Aggregate base rock
						2			CL Lean Clay (CL), dark gray, stiff, moist, approximately 95% fines, medium to high plasticity, trace sand, fine grained, no hydrocarbon odor.
						3			
						4			
						5			
				8		6			CL Lean Clay with Sand (CL), dark brown, stiff, moist, approximately 85% fines, medium plasticity, up to approximately 15% sand, fine grained, no organics, no hydrocarbon odor.
						7			
						8			
						9			
						10			CL As above
						11			
						12			SP Poorly graded sand with Gravel (SP), brown, dense, moist, approximately 75% sand, fine to coarse grained, approximately 25% gravel, up to 3/4" in diameter, sub-angular to sub-round, slight hydrocarbon odor.
						13			
				173		14			
						15			
						16			
						17			
						18			SP As above except: saturated. Clay in shoe
						19			CL Lean Clay with Sand (CL), brown, soft, wet, approximately 85% fines, low to medium plasticity, approximately 15% sand, fine grained, no hydrocarbon odor.
						20			
						21			
						22			



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