

MONITORING WELL ABANDONMENT REPORT MONITORING WELLS MW01 THROUGH MW05



Former Meyers Container Site

10103 NE Marx Street Portland, Oregon

Agency Information
ODEQ ECSI ID No. 2062

Prepared for:

CRP/Crest Salvage & Marx Owner, L.L.C.

1346 The Alameda, Suite 7-285 San Jose, California 95126

Issued on:

April 9, 2024

EVREN NORTHWEST, INC. Project No. 1460-23001-08

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1346 The Alameda, Suite 7-285 San Jose, California 95126

and their assignees

Issued April 9, 2024 by:



EXP. 2/1/2025

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List of Acronyms and Abbreviations

amsl above mean sea level bgs below ground surface

Cascade Cascade Drilling

Client CRP/Crest Salvage & Marx Owner, L.L.C.

ECSI Environmental Cleanup and Site Information

ENW EVREN Northwest, Inc.

IBC intermediate bulk containerIDW investigation-derived waste

NFA No Further Action

OAR Oregon Administrative Rules

OD outside diameter

ODEQ Oregon Department of Environmental Quality

ODOT Oregon Department of Transportation
OWRD Oregon Water Resources Department

PCBs polychlorinated biphenyls

PFAS per-and polyfluoroalkyl substances
PPA Prospective Purchasers Agreement

PVC polyvinyl chloride SOW scope of work

USGS U.S. Geological Survey

USTs underground storage tanks

1.0 Introduction

On behalf of CRP/Crest Salvage & Marx Owner, L.L.C. (Client), EVREN Northwest, Inc. (ENW) prepared this report documenting the permanent abandonment of monitoring wells MW01 through MW05 located at the Former Meyers Container property at 10103 NE Marx Street in Portland, Oregon (see Site Vicinity Map, Figure 1).

This report provides a brief background of the use and location of the monitoring wells and describes methods used to abandon the monitoring wells. Figures 1 through 3 provide a Site Vicinity Map, a Site Plan, and Abandoned Montonitoring Well Location Diagram, respectively.

1.1 Authorization

The Client authorized ENW to perform the monitoring well abandonment activities. This report is for the exclusive use of the Client and their representatives and authorized agents.

1.2 Background

The former Myers Container property was developed with the present-day warehouse building in the late-1970s. The building was occupied by several entities for use as a steel drum reconditioning facility from approximately 1977 through 2000. Site operations transitioned to intermediate bulk container (IBC) processing in 2001, which continued until the site was vacated in 2022.

Meyers Container was listed on Oregon Department of Environmental Quality's (ODEQ's) Environmental Cleanup Site Information (ECSI) database for storm water related issues in the late 1990s/early-2000s. Source control measures to address polychlorinated biphenyl (PCB) impacted soils and storm water runoff in the property's East and West ponds were conducted in 2003 and 2012-2013. A No Further Action (NFA) determination was issued by ODEQ for source control measures in September 2014.

In 1997, two underground storage tanks (USTs) were decommissioned by removal at the subject property, but only limited petroleum impacts were observed. ODEQ issued a NFA for the release on September 2000.

A recent subsurface investigation revealed a petroleum ground water plume and a chlorinated solvent ground water plume in the southern portion of the site during the sale of the property to CRP/Crest Salvage & Marx Owner, LLC. The new owners entered into a Prospective Purchasers Agreement (PPA) with the ODEQ that included an approved scope of work (SOW).

In December 2023, a focused ground water investigation was conducted in response to comments received during the PPA public notice period. Monitoring wells MW01 through MW05 were installed and a single round of ground water monitoring was conducted, specifically related to the potential occurrence of per-and polyfluoroalkyl substances (PFAS). Having completed this monitoring, since the monitoring wells are no longer needed it was determined they should be decommissioned prior to redevelopment of the subject site.

1.3 Scope

ENW developed the following SOW for this project:

- Prepared a field work plan, called in a public utility locate for the subject site, and coordinated access to the subject property.
- Subcontracted with Cascade Drilling (Cascade) to provide drilling equipment and licensed water well operators to perform the abandonment operations, and restore well sites to original condition, as needed.
- Abandoned the wells in accordance with Oregon Administrative Rules (OAR) 690-240-0510.
- Arranged for disposal for all wastes generated during the well abandonment activities.
- Prepared this well abandonment report which summarizes and documents the well abandonment procedures and results.

Field work for this project was completed on March 18-19, 2024.

2.0 Site Location and Setting

2.1 Location and Vicinity Use Description

The industrial property is identified as Multnomah County Property IDs: R235908 (Tax Lot 2800) and R235911 (Tax Lot 1600) and measures 5.3-acres. (Figures 1 and 2). A warehouse occupies the southern portion of the site but is otherwise covered by asphalt and gravel surfaces. The site is bounded by Interstate 205 to the west and by industrial properties to the north, east and south.

2.2 Topography

The subject site is generally level to slightly northward sloping at elevations of around 20 to 30 feet above mean sea level (amsl) (see Figure 1).

2.3 Geology

The subject property is located within the Portland Basin, a down warped northwest trending basin filled with up to 1,700 feet of sedimentary materials. Columbia River Basalt forms the basement rock of the basin.

According to the U.S. Geological Survey (USGS) *Water-Supply Paper 1793, titled Ground Water in the East Portland Area, Oregon*, ¹ the subject property and surrounding properties are underlain by Recent Younger Alluvium (Qal) composed of slightly stratified gravel, sand, silt, and clay deposited along channels and flood plains of the Columbia River. Soils encountered during previous site investigations

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¹¹ Hogenson, G.M. and Foxworthy, B.L., 1965. *Ground Water in the East Portland Area, Oregon*: U.S. Geological Survey Water Supply Paper 1793, 77 p, Map Scale 1:62,500.

on the subject property were 9 to 13 feet of silt and fine sand overlying medium to coarse gravels, consistent with imported fill sands, alluvium, and Overbank (OB) deposits.

2.4 Hydrogeologic Setting

Multiple regional ground water aquifers occur within the Portland Basin fill sediments. Most deeper productive aquifers are confined or semi-confined and separated by several relatively impermeable and laterally extensive sedimentary confining units. Monitoring wells MW01 through MW05 are completed in the shallow-most ground water aquifer. This water-bearing zone occupies the upper alluvium and is recharged primarily by surface water and precipitation. The shallow ground water table is thought to be hydraulically separated from the underlying regional aquifers.

Ground water measurements collected from the monitoring wells reported depth to water ranging from 3.3- to 12.63-feet below ground surface (bgs). During previous ground water monitoring², shallow ground water elevations ranged from 15.53 feet amsl at the furthest upgradient well (MW05) to 14.96 feet amsl at the furthest down gradient well (MW04). Plotting ground-water elevations suggested shallow ground-water flows north to north-northeast beneath the central and northern portion site and generally west to northwest in the southern portion of the site. The calculated average gradient beneath the central and northern part of the site was 0.001 feet per foot (ft/ft) based on this elevation data; the gradient beneath the southern portion of the site was calculated at approximately 0.0007 ft/ft.

3.0 Monitoring Well Details

On-site monitoring wells MW01 through MW05 were installed on December 1-2, 2023, by a licensed well driller. Each well consists of 2-inch diameter polyvinyl chloride (PVC) well casing with 15-foot screened section, sand filter pack, and flush-mounted monuments. Installation well logs and abandonment logs are included as Appendix B, and well construction details are presented in Table 3-1 below.

Monitoring Well	Installation Date	Well Tag No.	Completion Depth (ft)	Drilled Diameter	Well Diameter (in.)	Monitored Depth Interval (ft)	Surface Completion
MW01	12/1/2023	L153126	20.5	4.25	2	5- 20	Cement/Traffic-rated monument
MW02	12/2/2023	L153127	20.5	4.25	2	4.5 - 19.5	Cement/Traffic-rated monument
MW03	12/1/2023	L153128	20.5	4.25	2	5 - 20	Cement/Traffic-rated monument
MW04	12/1/2023	L153129	20.5	4.25	2	5 - 20	Cement/Traffic-rated monument
MW05	12/2/2023	L153130	20.5	4.25	2	5 - 20	Cement/Traffic-rated monument
Survey conduct	ted on December	13, 2023, relat	ive to NAD 1983	3 datum by A	xis Mapping o	f Bend, Oregon.	

Table 3-1. Well Construction Details

EVREN Northwest, Inc. Project No. 1460-23001-08

² ENW. January 17, 2024. Technical Memorandum: Monitoring Well Installation and Ground Water Monitoring for Perfluoroalkyl and Polyfluoroalkyl Constituents.

4.0 Well Abandonment

This section describes abandonment activities at each monitoring well location. Photographs of field activities are included in Appendix A.

4.1 Project Team

Project personnel included an Oregon Licensed Geologist and Cascade's licensed well constructor and staff.

4.2 Site Preparation

A One-Call public utility locate was performed on site prior to the well abandonment.

4.3 Monitoring Well Abandonment

Cascade was subcontracted to perform the well abandonment under ENW oversight. On March 18-19, 2024, monitoring wells MW01 through MW05 were abandoned using a GeoProbe direct-push drilling rig equipped with 2.25-inch drill rod and 4.25-inch outside diameter (OD) hollow-stem auger.

Monitoring wells MW01 through MW05 were each abandoned using the following general procedure:

- The flush-mount concrete collars and well monuments were removed using the percussive hammer and cabled crane on the drill rig. All resulting metal and concrete debris was removed from the site by Cascade.
- The blank PVC casing and slotted PVC well screen was pulled from each well using the drill rig. All PVC waste materials were removed from the site by Cascade.
- The well was over-drilled to total depth using hollow-stem auger tooling sized to the diameter of the original boring. The filter pack and seals were recovered during the over-drilling process. Recovered well cuttings/materials were placed into Oregon Department of Transportation (ODOT)-approved drums pending disposal.
- Since wells were less than 50 feet deep and contained less than 25 feet of water column, Cascade backfilled each well with HolePlug® bentonite chips.
- After backfilling, an approximate one (1)-foot plug or cap of Quikrete® cement was placed on top of the well bore. Onsite crushed rock / gravel was raked over the top of each abandoned well location to match surrounding areas.

Well abandonment logs were filed with Oregon Water Resources Department (OWRD) by the driller (see copies in Appendix B).

4.4 Waste Disposal

The drums of investigation-derived waste (IDW) were placed in drums at the site and profiled for disposal. Drummed IDW is awaiting pick up for disposal by WasteXpress at an approved facility.

4

5.0 Conclusions and Recommendations

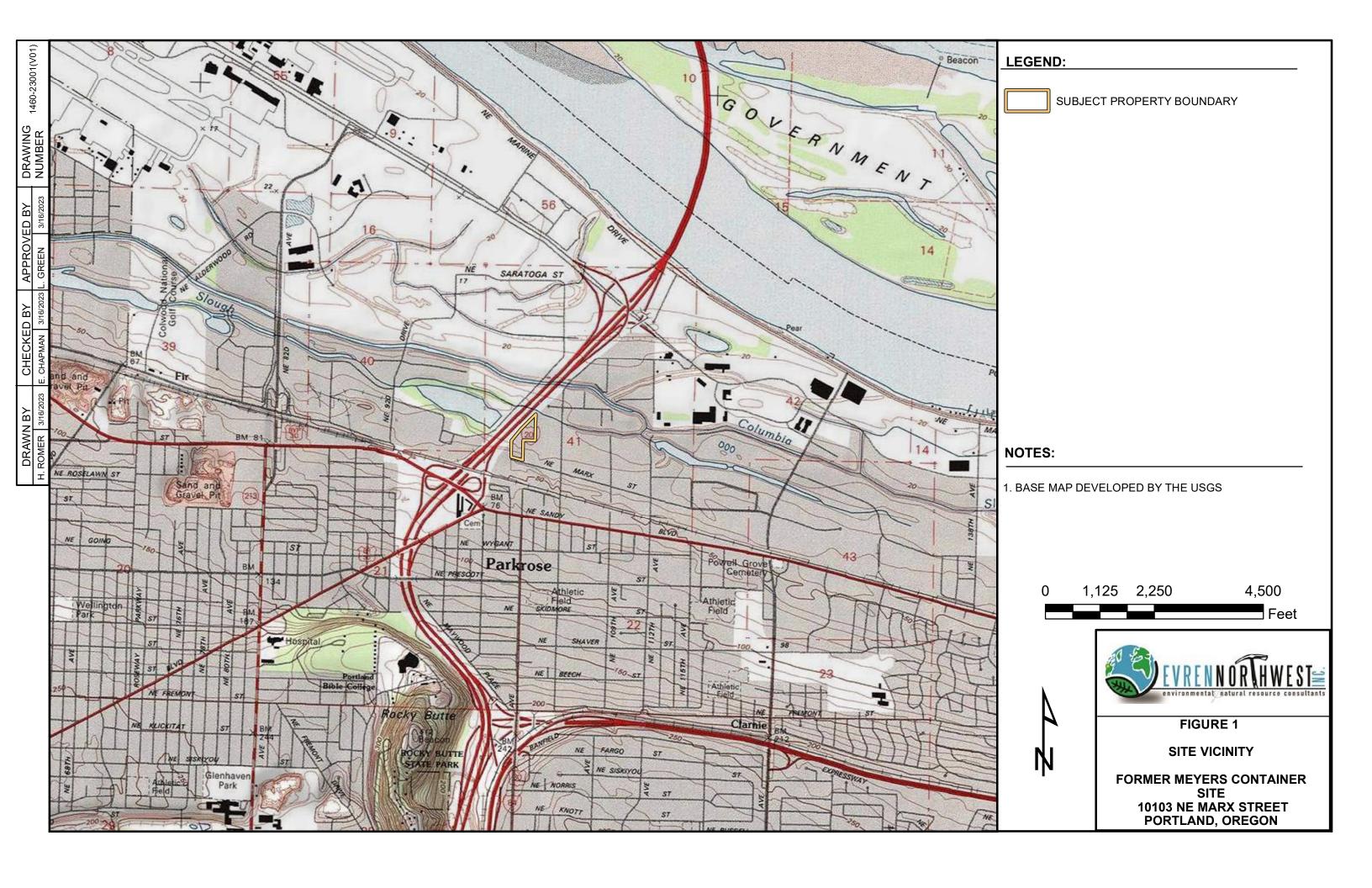
Ground water monitoring wells MW01 through MW05 were abandoned by a licensed Oregon well constructor under the oversight of a registered geologist licensed in the State of Oregon, and in accordance with OWRD ground water monitoring well standards. Well abandonment reports will be provided by Cascade to OWRD. Drummed IDW was profiled and awaits pickup and transport to an appropriate offsite disposal facility.

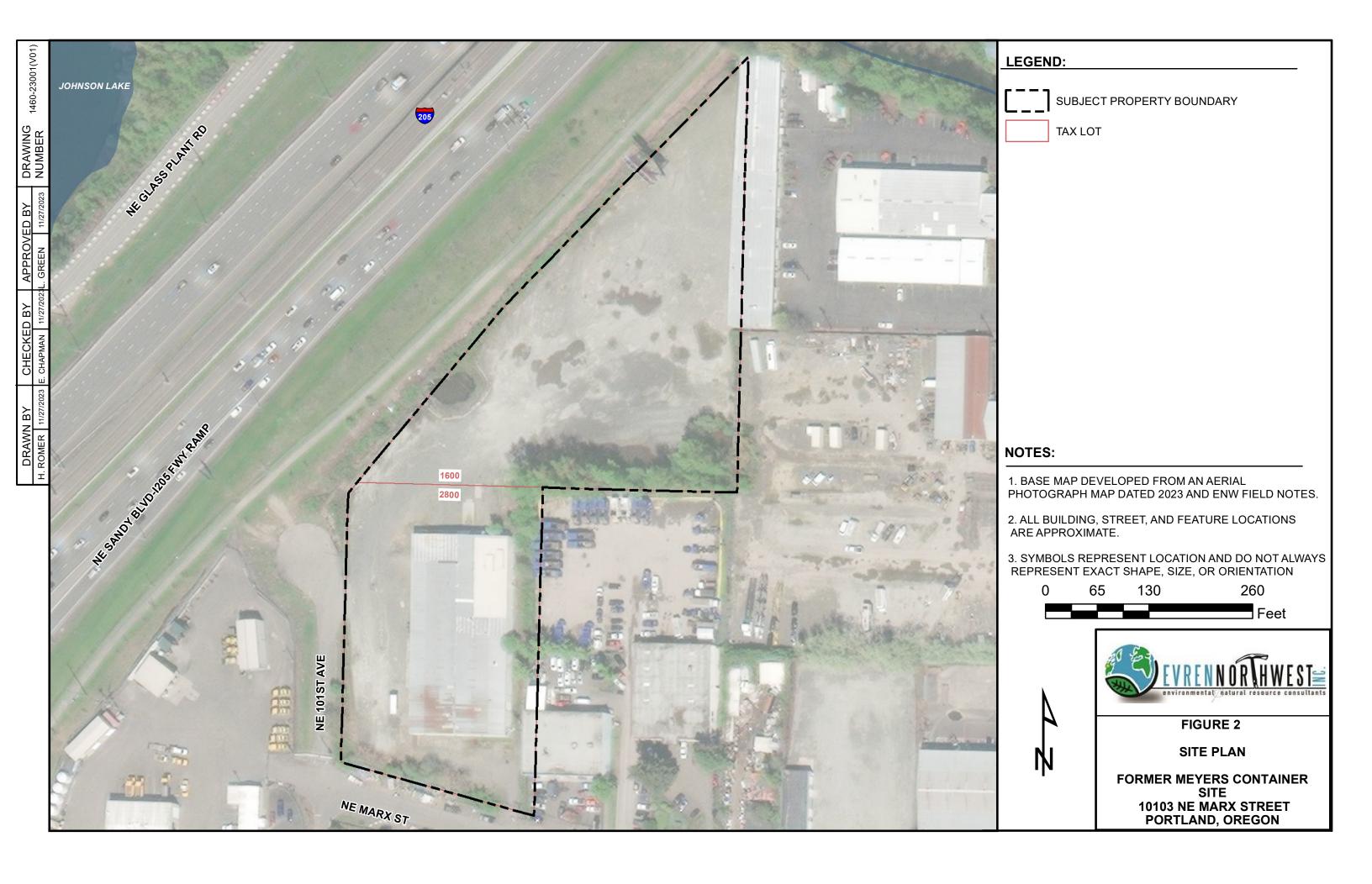
We recommend this report is kept as part of the permanent property records.

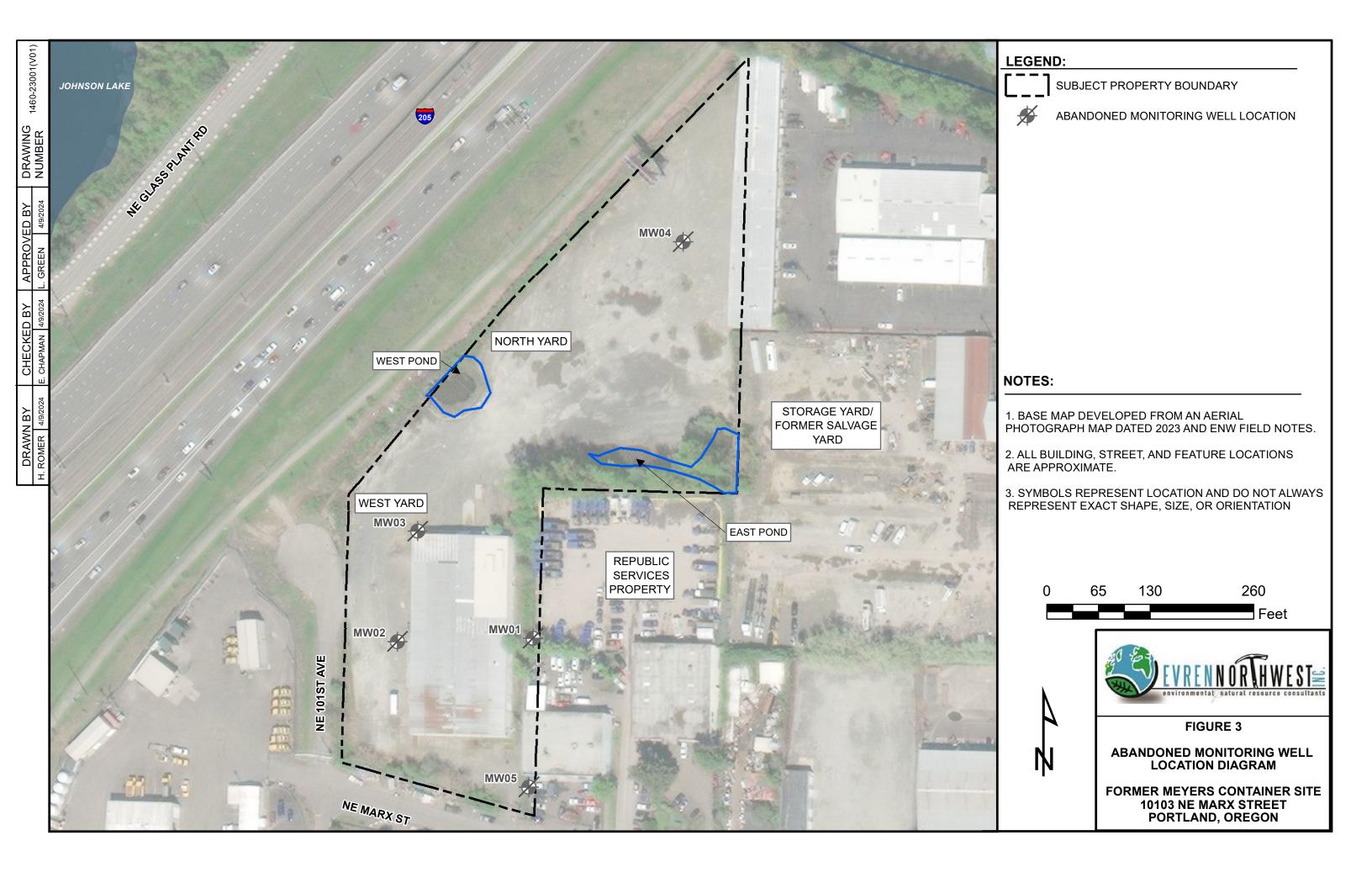
6.0 Limitations

The professional opinion presented in this report has been made based on the information provided by others, as described above. No other representation, expressed or implied, and no warranty or guarantee is included or intended. The standard of care used to conduct this work was consistent with reasonable and normal standards used by engineering and geologist professionals. None of the professionals nor EVREN Northwest, Inc. may be held responsible for conditions that they did not specifically evaluate at the time this report was prepared.

We have performed our services for this project in accordance with our agreement and understanding with the Client. This document and the information contained herein have been prepared solely for the use of the Client.







Appendix A Site Photographs



View of the monument and well tag of MW02 before removal in the southwest quadrant of the site.



View of the casing and well screen being removed from MW02.



Former Myers Container Site 10103 NE Marx Street Portland, Oregon



View of MW04 during over-drilling with auger tooling. Cuttings were contained in drums for appropriate disposal.



View of MW05 as the monument and casing / screen were removed.

Site Photographs

Project No. 1460-23001-08

Appendix

Α



View of the sand pack and bentonite seal material caught on the auger flight while over drilling MW01.



View of MW05 during over-drilling with auger tooling.



After over-drilling to total depth, all wells were abandoned using bentonite chips. View of MW05.



A concrete cap was installed over the bentonite chips at each well location.



Former Myers Container Site 10103 NE Marx Street Portland, Oregon

Site Photographs

Project No. 1460-23001-08

Appendix

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Appendix B

Monitoring Well Construction Logs and Abandonment Logs

EVREN Northwest, Inc. PROJECT NO. BORING NO. **DRILL LOG** 1460-23001-01 | HOLE SIZE **MW01** SITE COMPLETED BEGUN ANGLE FROM HORIZ. 12/1/23 STATIC LEVEL NE Marx St 4 FIRST WATER COORDINATES GROUND ELEVATION DEPTH DATE SL GROUND WATER # CORE BOXES 12/8/24 11.18 DRILLER CORE RECOVERY (%) # SAMPLES DEPTH TOP OF ROCK Cascade Drilling
DRILL MAKE AND MODEL LOGGED BY: DEPTH BOTTOM OF HOLE E Chapman 20.5 SAMPLE DATA STRATA ELEVATION/ DEPTH REMARKS: GRAPHICLOG NOTES ON WATER CORE RECOVERY PID/OVM Completion DEPTH SAMPLE NO. SAMPLE TYPE MW Const./ LEVELS, LOSSES, DESCRIPTION CAVING, CASING, DEPTH & DRILLING CONDITIONS. 0 Topsoil with pea gravel 0.0 SILT (ML) w/ fine sand; brown; trace fine gravel; faint orange mottling 75 3 6 6" wood fragment; becomes dark gray; slightly 0.0 moist; low plasticity 90 9 0.0 Silty GRAVEL (GP); dark gray; up to 1 1/2" rounded gravel; dry 12 0.0 increased angular gravel up to 2 inches; becomes 75 15 Silty GRAVEL with silt (GW-GM) some clay; brown-gray; wet; dense; fine to coarse gravel 80 18 End of boring 21

EVREN Northwest, Inc. PROJECT NO. BORING NO. **DRILL LOG** 1460-23001-01 | HOLE SIZE **MW02** SITE COMPLETED BEGUN ANGLE FROM HORIZ. 12/2/23 STATIC LEVEL NE Marx St 4 FIRST WATER COORDINATES DEPTH DATE SL GROUND ELEVATION GROUND 12.3 # CORE BOXES WATER 12/8/24 10.38 DRILLER CORE RECOVERY (%) # SAMPLES DEPTH TOP OF ROCK Cascade Drilling
DRILL MAKE AND MODEL LOGGED BY: DEPTH BOTTOM OF HOLE E Chapman 20.5 SAMPLE DATA REMARKS: STRATA ELEVATION/ DEPTH GRAPHICLOG NOTES ON WATER CORE RECOVERY PID/OVM DEPTH SAMPLE NO. Completion SAMPLE TYPE MW Const./ LEVELS, LOSSES, DESCRIPTION CAVING, CASING, DEPTH & DRILLING CONDITIONS. 0 · · · · · Gravel surface 0.0 SAND (SP); brown; fine-grained sand; loose; dry 90 0.0 SILT with trace gravel (ML); fine gravels (<5%); 3 dark brown; some fine sand wood fragment (3" thick); 0.0 0.0 SiLT (ML); dark gray; organic odor; moist; soft; 6 90 Fine SAND (SP); gray; moist; soft; arkosic sand 12 0.0 interbeds of silt and fine sand 55 0.0 Silty GRAVEL (GW-GM); gray; dry becoming mosit @15';>2" gravel 15 75 18 0.0 End of boring 21

EVREN Northwest, Inc. PROJECT NO. BORING NO. **DRILL LOG** 1460-23001-01 | HOLE SIZE **MW03** SITE COMPLETED BEGUN ANGLE FROM HORIZ. 12/1/23 STATIC LEVEL NE Marx St 4 FIRST WATER COORDINATES DEPTH DATE SL GROUND ELEVATION GROUND WATER # CORE BOXES 12/8/24 DRILLER CORE RECOVERY (%) # SAMPLES DEPTH TOP OF ROCK Cascade Drilling
DRILL MAKE AND MODEL LOGGED BY: DEPTH BOTTOM OF HOLE E Chapman 20.5 SAMPLE DATA STRATA ELEVATION/ DEPTH REMARKS: GRAPHICLOG NOTES ON WATER CORE RECOVERY PID/OVM DEPTH SAMPLE NO. Completion SAMPLE TYPE MW Const./ LEVELS, LOSSES, DESCRIPTION CAVING, CASING, DEPTH & DRILLING CONDITIONS. 0 V V V . Gravel surface 0.0 SAND (SP); gray to brown; arkosic gray interbeds; soft; loose; sl moist 60 3 moist to wet wood fragment (3" thick); 6 0.0 SiLT (ML); dark gray; sl moist; firm 100 becomes brown 12 100 0.0 GRAVEL; gray; dry; <5% fines wet @ 14' 15 0.0 Sandy GRAVEL (GW-GM); gray; trace clay; dense; wet; fine to coarse gravels; scattered cl ay zones 70 18 0.0 End of boring 21

EVREN Northwest, Inc. PROJECT NO. BORING NO. **DRILL LOG** 1460-23001-01 | HOLE SIZE **MW04** SITE COMPLETED BEGUN ANGLE FROM HORIZ. NE Marx St 4 FIRST WATER COORDINATES STATIC LEVEL DEPTH DATE SL GROUND ELEVATION GROUND WATER 12/8/24 DRILLER CORE RECOVERY (%) # SAMPLES # CORE BOXES DEPTH TOP OF ROCK Cascade Drilling
DRILL MAKE AND MODEL LOGGED BY: DEPTH BOTTOM OF HOLE E Chapman 20.5 SAMPLE DATA REMARKS: STRATA ELEVATION/ DEPTH GRAPHICLOG NOTES ON WATER CORE RECOVERY PID/OVM DEPTH SAMPLE NO. Completion SAMPLE TYPE MW Const./ LEVELS, LOSSES, DESCRIPTION CAVING, CASING, DEPTH & DRILLING CONDITIONS. 0 V V V · Gravel surface 0.0 SILT (ML); grayish black; firm; sl moist; some fine 85 3 becomes brownish gray with copper minerallizing tannish brown no fine sand; copper colored mottling very uniform 6 silt; moist firm 100 becomes gray; increased moisture wet; soft 12 100 0.0 brown 15 0.0 GRAVEL (GW) with sand; mostly coarse gravel >2" diam.; coarse sand; gray; dense; <15% fines 50 0.0 Sandy GRAVEL (GW-GM); gray; dense; wet 18 0.0 End of boring 21

EVREN Northwest, Inc. PROJECT NO. BORING NO. **DRILL LOG** 1460-23001-01 | HOLE SIZE **MW05** SITE COMPLETED BEGUN ANGLE FROM HORIZ. 12/2/23 STATIC LEVEL NE Marx St 4 FIRST WATER COORDINATES DEPTH DATE SL GROUND ELEVATION GROUND WATER 12/8/24 12.63 13.7 DRILLER CORE RECOVERY (%) # SAMPLES # CORE BOXES DEPTH TOP OF ROCK Cascade Drilling LOGGED BY: DEPTH BOTTOM OF HOLE E Chapman 20.5 SAMPLE DATA STRATA ELEVATION/ DEPTH REMARKS: GRAPHICLOG NOTES ON WATER CORE RECOVERY PID/OVM DEPTH SAMPLE NO. Completion SAMPLE TYPE MW Const./ LEVELS, LOSSES, DESCRIPTION CAVING, CASING, DEPTH & DRILLING CONDITIONS. 0 Asphalt surface 0.0 SAND (SP); brown; fine-grained sand; loose; dry 80 3 dark grap; arkosic medium-grained sand; interbedded with fine-grained sand 6 70 9 0.0 GRAVEL (GP); gray; up to 2" diam gravel; dry; wet; soft 12 50 15 0.0 Silty GRAVEL (GW-GM) with trace clay; tannish gray; dense; moist; fine to coarse gravel; wet in 30 18 0.0 GRAVEL with sand; fine to coarse grained gravel; <15% fines; gray-brown; wet 0.0 End of boring 21

STATE OF OREGON MONITORING WELL REPORT

(as required by ORS 537.545 & ORS 537.765 & OAR 690-240-0395)

WELL I.D. LABEL# L		
START CARD #		
ORIGINAL LOG #	MULTNOMAH	140998

(1) LAND OWN	NER Owner Well I.D. MW01	(6) LOCATION OF WELL (legal description)
First Name	Last Name	County MULTNOMAH Twp 1.00 N N/S Range 2.00 E E/W WM
Company CPR/CRES	T MARX OWNER LLC	Sec <u>16</u> SE 1/4 of the SE 1/4 Tax Lot <u>2800</u>
Address 1346 THE A	ALAMEDA STE 7-285	Tax Map Number Lot
City SAN JOSE	State CA Zip 95126	Lat or _45.56267081 DMS or DD
(2) TYPE OF W	ORK New Deepening Conversion	Long " or <u>-122.55776980</u> DMS or DD
Alteration (repair	r/recondition) X Abandonment	Street address of well Nearest address
(3) DRILL MET	THOD	10103 NE MARX STREET, PORTLAND, OREGON 97220
	otary Mud Cable Hollow Stem Auger Cable Mud	
Reverse Rotary	Other	(7) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) CONSTRUC	TION	Date SWL(psi) + SWL(ft) Existing Well / Predeepening
(4) CONSTRUC	<u> </u>	Completed Well 3/18/2024 10.5
Dep	th of Completed Well 20.00 ft. Special Standard	WATER BEARING ZONES Flowing Artesian? Dry Hole? Dry Hole?
	MONUMENT/VAULT Below Ground	Depth water was first found
	From To	SWL Date From To Est Flow SWL(psi) + SWL(ft) 3/18/2024 10.5 20 10.5 10.5
	PODE HOLE	3/16/2024 10.5 20 10.5
	BORE HOLE	
	Diameter <u>4.25</u> From <u>0</u> To <u>20</u>	
	CASING	(e) WELL LOC
	Dia. From To	(8) WELL LOG Ground Elevation 26.69 FT
	Gauge Wld Thrd	Material From To
	Material Steel Plastic	Bentonite and Sand Decommissioning 0 20
	LINER	
	Dia. From To	
	Gauge Wld Thrd	
	Material Steel Plastic	
	SEAL	
	From <u>0</u> To <u>2</u>	
	Material Concrete	
	Amount <u>0.25</u> Sacks Grout weight	
	SCREEN	
	Casing/Liner Material	
	Diameter From To	
	Slot Size	Construction
		Begin Date 3/18/2024 Begin Time 11 30 End Date 3/18/2024
г т	FILTER	(unbonded) Monitor Well Constructor Certification
From To	Material Size of pack	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon monitoring well
Seal Placement Begin		construction standards. Materials used and information reported above are true to
(5) WELL TEST		the best of my knowledge and belief.
Pump		License Number Date
Yield gal/min	Drawdown Drill stem/Pump depth Duration (hr)	Password : (if filing electronically)
		Signed
		(bonded) Monitor Well Constructor Certification
Temperature 56	°F Lab analysis Yes By	I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All
Supervising Geologist	/Engineer	work performed during this time is in compliance with Oregon monitoring well
Water quality concern		construction standards. This report is true to the best of my knowledge and belief.
From To	Description Amount Units	License Number 10649 Date 3/20/2024
	+ + + + + + + + + + + + + + + + + + + +	Password : (if filing electronically) Signed KYLE KING (E-filed)
		Contact Info (optional) Cascade Remediation Services
		1

3/20/2024

Page 2 of 3 START CARD # 1072949
ORIGINAL LOG # MULTNOMAH 140998

(4) CO	NSTR	UCTIO)N							10	7) STATIO	WATER	LEVE	et.					-
(-		ORE HO		<i>)</i> 11	FI	LTER F	PACK				'		aring Zone		21.7					
D)ia	From	To		Fron			aterial	Si	ze										
												SWL Date	From	То		Est Flow	SWL(psi)	+	SWL(ft)	1
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SC	RE:	ENS																-		_
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5) \	WEL	LL TES	TS .								1 +							+		_
	Yield	gal/min	Draw	dowr	n I	rill stem	/Pump d	epth	Duration	on (hr)								十		_
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MULT 141331

3/20/2024

Map of Hole

STATE OF OREGON WELL LOCATION MAP

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301 (503)986-0900



LOCATION OF WELL

Latitude: 45.56267081 Datum: WGS84

Longitude: -122.55776980

Township/Range/Section/Quarter-Quarter Section:

This map is supplemental to the WATER SUPPLY WELL REPORT

WM1.00N2.00E16SESE

Address of Well:

10103 NE MARX STREET, PORTLAND, OREGON 97220

Well Label: 153126

Printed: March 20, 2024

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor



STATE OF OREGON MONITORING WELL REPORT

(as required by ORS 537.545 & ORS 537.765 & OAR 690-240-0395)

WELL I.D. LABEL# L		
START CARD #		
ORIGINAL LOG #	MULTNOMAH	140999

(1) LAND OWN	NER Owner Well I.D. MW02	(6) LOCATION OF WELL (legal description)
First Name	Last Name	County MULTNOMAH Twp 1.00 N N/S Range 2.00 E E/W WM
Company CPR/CRES	T MARX OWNER LLC	Sec <u>16</u> SE 1/4 of the SE 1/4 Tax Lot <u>2800</u>
Address 1346 THE A	ALAMEDA STE 7-285	Tax Map Number Lot
City SAN JOSE	State CA Zip 95126	Lat or _45.56285484 DMS or DD
(2) TYPE OF W	ORK New Deepening Conversion	Long " or <u>-122.55838670</u> DMS or DD
Alteration (repair	r/recondition) X Abandonment	Street address of well Nearest address
(3) DRILL MET	THOD	10103 NE MARX STREET, PORTLAND, OREGON 97220
	otary Mud Cable Hollow Stem Auger Cable Mud	
Reverse Rotary	Other	(7) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) CONSTRUC	TION	Existing Well / Predeepening SWL(psi) SWL(nt)
(4) CONSTRUC	<u> </u>	Completed Well 3/18/2024 10.5
Dep	th of Completed Well 20.00 ft. Special Standard	WATER BEARING ZONES Flowing Artesian? Dry Hole? Dry Hole?
	MONUMENT/VAULT Below Ground	Depth water was first found
	From To	SWL Date From To Est Flow SWL(psi) + SWL(ft) 3/18/2024 10.5 20 10.5 10.5
	PODE HOLE	3/16/2024 10.5 20 10.5
	BORE HOLE	
	Diameter <u>4.25</u> From <u>0</u> To <u>20</u>	
	CASING	(8) WELL LOG Ground Flavation as 57 PM
	Dia. From To	Ground Elevation 26.57 FT
	Gauge Wld Thrd	Material From To
	Material Steel Plastic	Bentonite and Sand Decommissioning 0 20
	LINER	
	Dia. From To	
	Gauge Wld Thrd	
	Material Steel Plastic	
	SEAL	
	From <u>0</u> To <u>2</u>	
	Material Concrete	
	Amount <u>0.25</u> Sacks Grout weight	
	SCREEN	
	Casing/Liner Material	
	Diameter From To	
	Slot Size	Construction
		Begin Date 3/18/2024 Begin Time 10 30 End Date 3/18/2024
г т	FILTER	(unbonded) Monitor Well Constructor Certification
From To	Material Size of pack	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon monitoring well
Seal Placement Begin		construction standards. Materials used and information reported above are true to
(5) WELL TEST		the best of my knowledge and belief.
Pump		License Number Date
Yield gal/min	Drawdown Drill stem/Pump depth Duration (hr)	Password : (if filing electronically)
		Signed
		(bonded) Monitor Well Constructor Certification
Temperature 56	°F Lab analysis Yes By	I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All
Supervising Geologist	/Engineer	work performed during this time is in compliance with Oregon monitoring well
Water quality concern		construction standards. This report is true to the best of my knowledge and belief.
From To	Description Amount Units	License Number 10649 Date 3/20/2024
	+ + + + + + + + + + + + + + + + + + + +	Password : (if filing electronically) Signed KYLE KING (E-filed)
		Contact Info (optional) Cascade Remediation Services
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Page 2 of 5	Page	2	of	3	
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MONITORING WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

MULT 141330

3/20/2024

Map of Hole

STATE OF OREGON WELL LOCATION MAP

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301 (503)986-0900



LOCATION OF WELL

Latitude: 45.56285484 Datum: WGS84

Longitude: -122.55838670

Township/Range/Section/Quarter-Quarter Section:

This map is supplemental to the WATER SUPPLY WELL REPORT

WM1.00N2.00E16SESE

Address of Well:

10103 NE MARX STREET, PORTLAND, OREGON 97220

Well Label: 153127

Printed: March 20, 2024

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor



STATE OF OREGON MONITORING WELL REPORT

(as required by ORS 537.545 & ORS 537.765 & OAR 690-240-0395)

WELL I.D. LABEL# L		
START CARD#		
ORIGINAL LOG #	MULTNOMAH	141010

(1) LAND OWN	NER Owner Well I.D. MW03	(6) LOCATION OF WELL (legal description)
First Name	Last Name	County MULTNOMAH Twp 1.00 N N/S Range 2.00 E E/W WM
Company CPR/CRES	T MARX OWNER LLC	Sec <u>16</u> SE 1/4 of the SE 1/4 Tax Lot <u>2800</u>
Address 1346 THE A	ALAMEDA STE 7-285	Tax Map Number Lot
City SAN JOSE	State CA Zip 95126	Lat " or 45.56309836 DMS or DD
(<u>2</u>) TYPE OF W		Long or DMS or DD
Alteration (repair	r/recondition) Abandonment	Street address of well Nearest address 10103 NE MARX STREET, PORTLAND, OREGON 97220
(3) DRILL MET	THOD	10103 NE MARA STREET, PORTLAND, OREGON 97220
	otary Mud Cable Hollow Stem Auger Cable Mud	(7) STATIC WATER I EVEL
Reverse Rotary	Other	(7) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) CONSTRUC	TION Piezometer Well	Existing Well / Predeepening
		Completed Well 3/18/2024 11.5
Dep	th of Completed Well 20.00 ft. Special Standard	WATER BEARING ZONES Flowing Artesian? Dry Hole? Dry Hole?
	MONUMENT/VAULT Below Ground	SWL Date From To Est Flow SWL(psi) + SWL(ft)
	From To	3/18/2024 11.5 20 SWE(psi) SWE(tt)
	BORE HOLE	
	Diameter 4.25 From 0 To 20	
	France: 4.23 From 0 10 20	
	CASING	(8) WELL LOG Ground Flavation as of TV
	Dia. From To	Ground Elevation 26.07 FT
	Gauge Wld Thrd	Material From To Bentonite and Sand Decommissioning 0 20
	Material Steel Plastic	Bentomite and Sand Decommissioning 0 20
	LINER	
	Dia. From To	
	Gauge Wld Thrd	
	Material Steel Plastic	
	GEAT.	
	SEAL	
	From 0 To 2	
	Material Concrete Amount 0.25 Sacks Grout weight	
	Amount 0.25 Sacks Grout weight	
	SCREEN	
	Casing/Liner Material	
	Diameter From To	
	Slot Size	Construction
		Begin Date 3/18/2024 Begin Time 9 0 End Date 3/18/2024
From To	FILTER Material Size of pack	(unbonded) Monitor Well Constructor Certification
		I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon monitoring well
Seal Placement Begin (5) WELL TEST		construction standards. Materials used and information reported above are true to
, ,		the best of my knowledge and belief.
Pump Yield gal/min	Bailer Air Flowing Artesian Drawdown Drill stem/Pump depth Duration (hr)	License Number Date
Tield gai/min	Diawdown Din stein/rump depth Duration (iii)	Password : (if filing electronically)
		Signed
		(bonded) Monitor Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonment
Temperature 56	°F Lab analysis Yes By	work performed on this well during the construction dates reported above. All
Supervising Geologist		work performed during this time is in compliance with Oregon monitoring well
Water quality concern		construction standards. This report is true to the best of my knowledge and belief.
From To	Description Amount Units	License Number 10649 Date 3/20/2024 Password: (if filing electronically)
		Signed KYLE KING (E-filed)
		Contact Info (optional) Cascade Remediation Services

Page 2 of 3

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MONITORING WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

MULT 141329

3/20/2024

Map of Hole

STATE OF OREGON WELL LOCATION MAP

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301 (503)986-0900



LOCATION OF WELL

Latitude: 45.56309836 Datum: WGS84

Longitude: -122.55831161

Township/Range/Section/Quarter-Quarter Section:

This map is supplemental to the WATER SUPPLY WELL REPORT

WM1.00N2.00E16SESE

Address of Well:

10103 NE MARX STREET, PORTLAND, OREGON 97220

Well Label: 153128

Printed: March 20, 2024

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor



STATE OF OREGON MONITORING WELL REPORT

(as required by ORS 537.545 & ORS 537.765 & OAR 690-240-0395)

WELL I.D. LABEL# L							
START CARD #							
ORIGINAL LOG #	MULTNOMAH	141011					

(1) LAND OWN	ER Owner Well I.D. MW04	(6) LOCATION OF WELL (legal description)
First Name	Last Name	County MULTNOMAH Twp 1.00 N N/S Range 2.00 E E/W WM
Company CPR/CREST	MARX OWNER LLC	Sec 15 SW 1/4 of the SW 1/4 Tax Lot 1600
Address 1346 THE A	LAMEDA STE 7-285	Tax Map Number Lot
City SAN JOSE	State CA Zip 95126	Tax Map Number Lot Lat or ' or 45.56423131
(2) TYPE OF WO	New Deepening Conversion	Long or _122.55712473 DMS or DD
Alteration (repair/	recondition) X Abandonment	Street address of well Nearest address 10103 NE MARX STREET, PORTLAND, OREGON 97220
(3) DRILL METI	HOD	
Rotary Air Ro Reverse Rotary	tary Mud Cable Hollow Stem Auger Cable Mud Other	(7) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) CONSTRUCT	TION Piezometer Well	Existing Well / Predeepening
•	n of Completed Well 20.00 ft. Special Standard	Completed Well 3/19/2024 9.6 Flowing Artesian? Dry Hole?
	MONUMENT/VAULT Below Ground	WATER BEARING ZONES Depth water was first found
	From To	SWL Date From To Est Flow SWL(psi) + SWL(ft)
	· — · · · — · · · · · · · · · · · · · ·	3/19/2024 9.6 20 9.6
	BORE HOLE	
	Diameter $\underline{4.25}$ From $\underline{0}$ To $\underline{20}$	
	CASING	
	CASING	(8) WELL LOG Ground Elevation 18.82 FT
	DiaFromTo	Material From To
	Gauge Wld Thrd	Bentonite and Sand Decommissioning 0 20
	Material Steel Plastic	
	LINER	
	Dia. From To	
	Gauge Wld Thrd	
	Material Steel Plastic	
	SEAL	
	From 0 To 2	
	Material Concrete	
	Amount 0.25 Sacks Grout weight	
		
	SCREEN	
	Casing/Liner Material	
	Diameter From To	
	Slot Size	Construction Begin Date 3/19/2024 Begin Time 10 End Date 3/19/2024
	FILTER	Begin but
From To	Material Size of pack	(unbonded) Monitor Well Constructor Certification I certify that the work I performed on the construction, deepening, alteration, or
Seal Placement Begin I	Date 3/19/2024 Begin Time 11 30	abandonment of this well is in compliance with Oregon monitoring well
(5) WELL TESTS		construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
	Bailer Air Flowing Artesian	
	Drawdown Drill stem/Pump depth Duration (hr)	License Number Date Password : (if filing electronically)
		Signed
		(bonded) Monitor Well Constructor Certification
	0F.1.1.1. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	I accept responsibility for the construction, deepening, alteration, or abandonment
- 20	°F Lab analysis Yes By	work performed on this well during the construction dates reported above. All
Supervising Geologist/I		work performed during this time is in compliance with Oregon monitoring well
Water quality concerns		construction standards. This report is true to the best of my knowledge and belief.
From To	Description Amount Units	License Number 10649 Date 3/20/2024 Password: (if filing electronically)
		Signed KYLE KING (E-filed)
		Contact Info (optional) Cascade Remediation Services

3/20/2024

Page 2 of 3 START CARD # 1072953
ORIGINAL LOG # MULTNOMAH 141011

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MONITORING WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

MULT 141332

3/20/2024

Map of Hole

STATE OF OREGON WELL LOCATION MAP

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301 (503)986-0900



LOCATION OF WELL

Latitude: 45.56423131 Datum: WGS84

Longitude: -122.55712473

Township/Range/Section/Quarter-Quarter Section:

This map is supplemental to the WATER SUPPLY WELL REPORT

WM1.00N2.00E15SWSW

Address of Well:

10103 NE MARX STREET, PORTLAND, OREGON 97220

Well Label: 153129

Printed: March 20, 2024

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor



STATE OF OREGON MONITORING WELL REPORT

(as required by ORS 537.545 & ORS 537.765 & OAR 690-240-0395)

WELL I.D. LABEL# L							
START CARD #							
ORIGINAL LOG #	MULTNOMAH	141012					

(1) LAND OWN	NER Owner Well I.D. MW05	(6) LOCATION OF WELL (legal description)
First Name	Last Name	County MULTNOMAH Twp 1.00 N N/S Range 2.00 E E/W WM
Company CPR/CRES	T MARX OWNER LLC	Sec 21 NE 1/4 of the NE 1/4 Tax Lot 2800
Address 1346 THE	ALAMEDA STE 7-285	Tax Map Number Lot
City SAN JOSE	State CA Zip 95126	Lat " or 45.56228490 DMS or DD
(<u>2</u>) TYPE OF W		Long " or -122.55779796 DMS or DD
Alteration (repair	r/recondition) Abandonment	Street address of well Nearest address 10103 NE MARX STREET, PORTLAND, OREGON 97220
(3) DRILL MET	THOD	10103 NE MARA STREET, PORTLAND, OREGON 97220
	otary Mud Cable Hollow Stem Auger Cable Mud	(7) STATIC WATER LEVEL
Reverse Rotary	Other	(7) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) CONSTRUC	TION Piezometer Well	Existing Well / Predeepening
		Completed Well 3/19/2024 8.6
Dep	th of Completed Well 20.00 ft. Special Standard	Flowing Artesian? Dry Hole? WATER BEARING ZONES
	MONUMENT/VAULT Below Ground	Depth water was first found
	From To	SWL Date From To Est Flow SWL(psi) + SWL(ft) 3/19/2024 8.6 20 8.6 8.6
	BORE HOLE	
	Diameter 4.25 From 0 To 20	
	France: 4.23 From 0 10 20	
	CASING	(8) WELL LOG Ground Flavation as as TV
	Dia. From To	Ground Elevation 28.82 F1
	Gauge Wld Thrd	Material From To Bentonite and Sand Decommissioning 0 20
	Material Steel Plastic	Dentointe and Sand Decommissioning 0 20
	LINER	
	Dia. From To	
	Gauge Wld Thrd	
	Material Steel Plastic	
	GEAT.	
	SEAL	
	From 0 To 2	
	Material Concrete Amount 0.25 Sacks Grout weight	
	Amount 0.25 Sacks Grout weight	
	SCREEN	
	Casing/Liner Material	
	Diameter From To	
	Slot Size	Construction
		Begin Date 3/19/2024 Begin Time 8 30 End Date 3/19/2024
From To	FILTER Material Size of pack	(unbonded) Monitor Well Constructor Certification
		I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon monitoring well
Seal Placement Begin (5) WELL TEST		construction standards. Materials used and information reported above are true to
		the best of my knowledge and belief.
Yield gal/min	Bailer Air Flowing Artesian Drawdown Drill stem/Pump depth Duration (hr)	License Number Date
Tield gai/min	Brawdown Brin stein/rump depth Buration (iii)	Password : (if filing electronically)
		Signed
		(bonded) Monitor Well Constructor Certification
Temperature 56	°F Lab analysis Yes By	I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All
Supervising Geologist		work performed during this time is in compliance with Oregon monitoring well
Water quality concern		construction standards. This report is true to the best of my knowledge and belief.
From To	Description Amount Units	License Number 10649 Date 3/20/2024 Password: (if filing electronically)
		Signed KYLE KING (E-filed)
		Contact Info (optional) Cascade Remediation Services

3/20/2024

Page 2 of 3 START CARD # 1072954
ORIGINAL LOG # MULTNOMAH 141012

	ONST)N							(7) STATIC			ı			
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MONITORING WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

MULT 141333

3/20/2024

Map of Hole

STATE OF OREGON WELL LOCATION MAP

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301 (503)986-0900



LOCATION OF WELL

Latitude: 45.56228490 Datum: WGS84

Longitude: -122.55779796

Township/Range/Section/Quarter-Quarter Section:

This map is supplemental to the WATER SUPPLY WELL REPORT

WM1.00N2.00E21NENE

Address of Well:

10103 NE MARX STREET, PORTLAND, OREGON 97220

Well Label: 153130

Printed: March 20, 2024

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor

