



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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This

Monitoring Well Abandonment Report

Monitoring Wells MW01 through MW05

for:

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Was prepared for:

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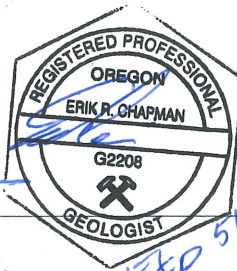
1346 The Alameda, Suite 7-285
San Jose, California 95126

and their assignees

Issued April 9, 2024 by:



EXP. 2/1/2025



Erik R.D. Chapman, R.G.
Principal Geologist

Lynn D. Green, C.E.G.
Principal Engineering Geologist

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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 container
IDW	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 Monitoring 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*,¹¹ 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

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.

Table 3-1. Well Construction Details

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 conducted on December 13, 2023, relative to NAD 1983 datum by Axis Mapping of Bend, Oregon.

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.

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.

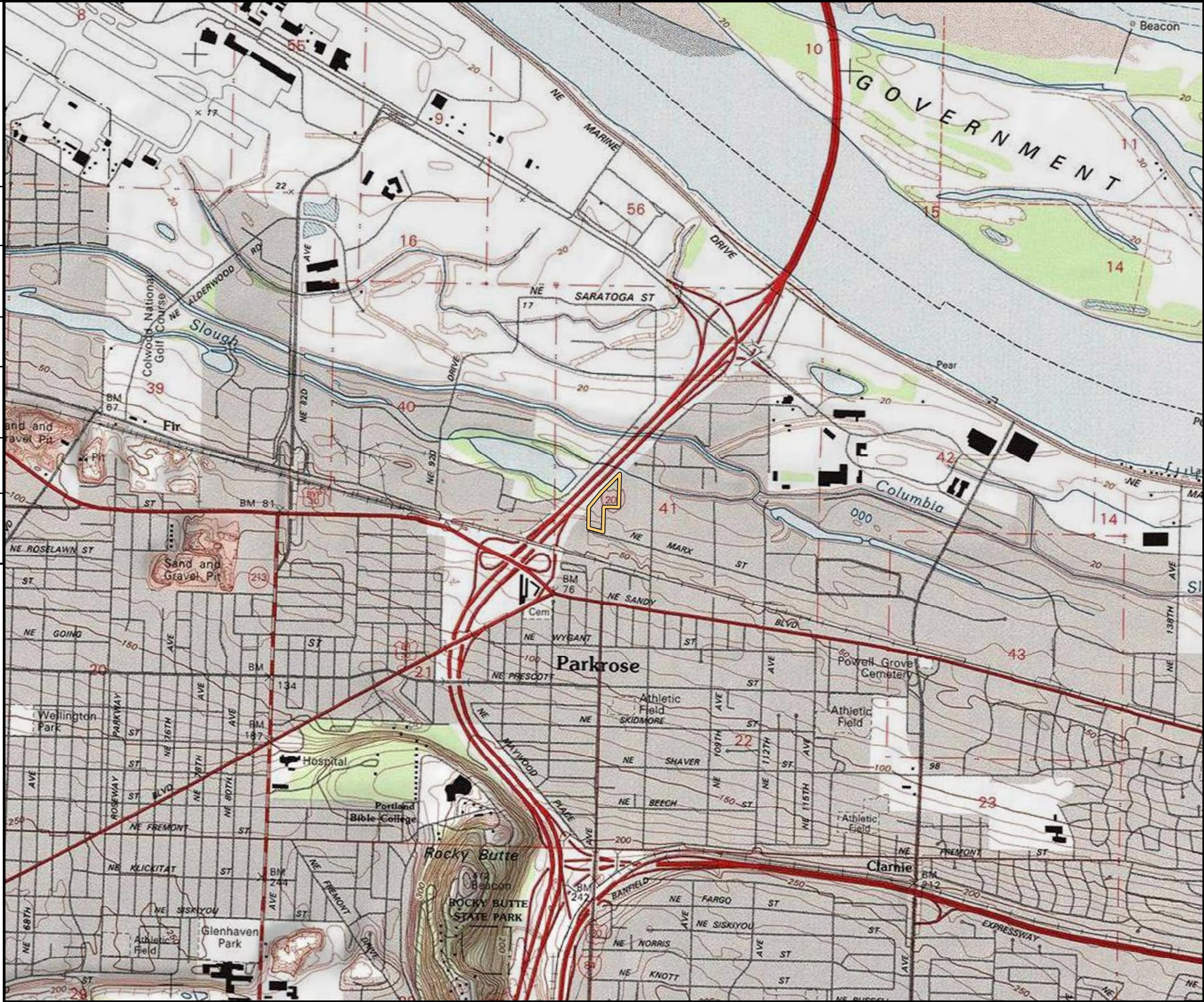
We recommend this report is kept as part of the permanent property records.

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.

DRAWN BY H. ROMER	3/16/2023	CHECKED BY E. CHAPMAN	3/16/2023	APPROVED BY L. GREEN	3/16/2023	DRAWING NUMBER 1460-23001(V01)



LEGEND:

 SUBJECT PROPERTY BOUNDARY

NOTES:

1. BASE MAP DEVELOPED BY THE USGS

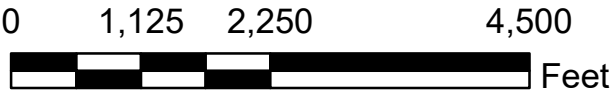


FIGURE 1
SITE VICINITY
FORMER MEYERS CONTAINER
SITE
10103 NE MARX STREET
PORTLAND, OREGON

DRAWN BY		CHECKED BY		APPROVED BY		DRAWING NUMBER
H. ROMER	11/27/2023	E. CHAPMAN	11/27/2023	L. GREEN	11/27/2023	
1460-23001(V01)						



LEGEND:

- SUBJECT PROPERTY BOUNDARY
- TAX LOT

NOTES:

1. BASE MAP DEVELOPED FROM AN AERIAL PHOTOGRAPH MAP DATED 2023 AND ENW FIELD NOTES.
2. ALL BUILDING, STREET, AND FEATURE LOCATIONS ARE APPROXIMATE.
3. SYMBOLS REPRESENT LOCATION AND DO NOT ALWAYS REPRESENT EXACT SHAPE, SIZE, OR ORIENTATION

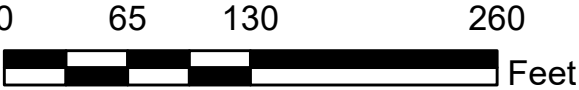


FIGURE 2

SITE PLAN

FORMER MEYERS CONTAINER SITE

10103 NE MARX STREET

PORTLAND, OREGON

DRAWN BY		CHECKED BY		APPROVED BY		DRAWING NUMBER 1460-23001(V01)
H. ROMER	4/9/2024	E. CHAPMAN	4/9/2024	L. GREEN	4/9/2024	



LEGEND:

SUBJECT PROPERTY BOUNDARY

ABANDONED MONITORING WELL LOCATION

- NOTES:
1. BASE MAP DEVELOPED FROM AN AERIAL PHOTOGRAPH MAP DATED 2023 AND ENW FIELD NOTES.
 2. ALL BUILDING, STREET, AND FEATURE LOCATIONS ARE APPROXIMATE.
 3. SYMBOLS REPRESENT LOCATION AND DO NOT ALWAYS REPRESENT EXACT SHAPE, SIZE, OR ORIENTATION

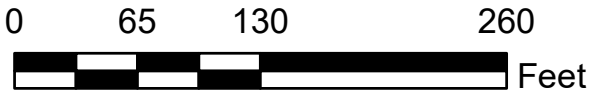


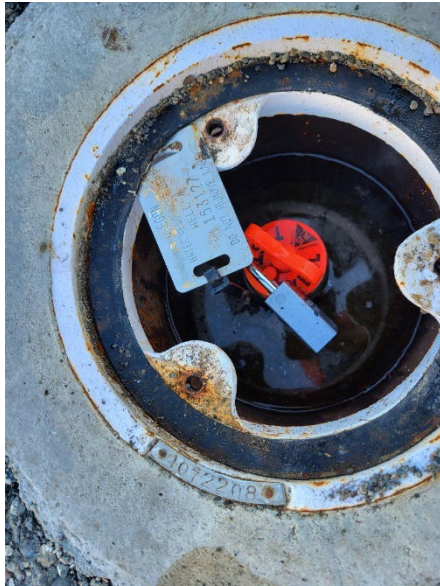
FIGURE 3

ABANDONED MONITORING WELL
LOCATION DIAGRAM

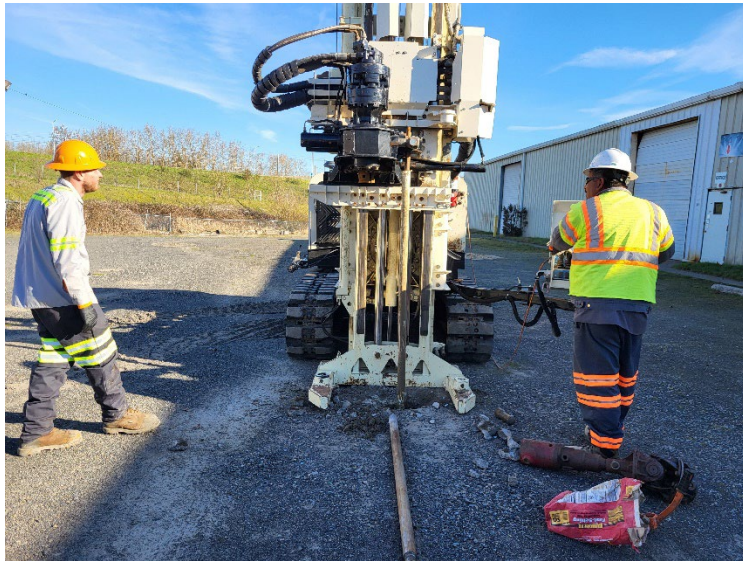
FORMER MEYERS CONTAINER SITE
10103 NE MARX STREET
PORTLAND, OREGON

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.



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.



Former Myers Container Site
10103 NE Marx Street
Portland, Oregon

Site Photographs

Project No.
1460-23001-08

Appendix
A



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.

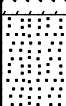
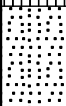
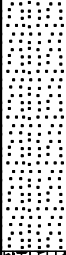
Appendix B

Monitoring Well Construction Logs and Abandonment Logs

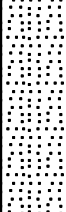
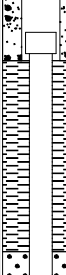
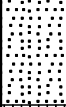
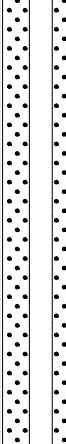
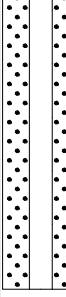
DRILL LOG		PROJECT		PROJECT NO.		BORING NO.
SITE		BEGUN	COMPLETED	HOLE SIZE		ANGLE FROM HORIZ.
NE Marx St		3230DT	12/1/23	4		
COORDINATES		DEPTH GROUND WATER	DATE SL	STATIC LEVEL	FIRST WATER	GROUND ELEVATION
DRILLER		CORE RECOVERY (%)	# SAMPLES	# CORE BOXES	DEPTH TOP OF ROCK	
DRILL MAKE AND MODEL		LOGGED BY:				DEPTH BOTTOM OF HOLE
Cascade Drilling		E Chapman				20.5

DEPTH	STRATA ELEVATION/ DEPTH	GRAPHIC LOG	DESCRIPTION	SAMPLE DATA				PID/OVM	REMARKS: NOTES ON WATER LEVELS, LOSSES, CAVING, CASING, DEPTH & DRILLING CONDITIONS.
				SAMPLE NO.	SAMPLE TYPE	CORE RECOVERY	MW Const./ Completion		
0			Topsoil with pea gravel						
3			SILT (ML) w/ fine sand; brown; trace fine gravel; faint orange mottling			75		0.0	
6			6" wood fragment; becomes dark gray; slightly moist; low plasticity			90		0.0	
9			Silty GRAVEL (GP); dark gray; up to 1 1/2" rounded gravel; dry					0.0	
12			increased angular gravel up to 2 inches; becomes wet			75		0.0	
15			Silty GRAVEL with silt (GW-GM) some clay; brown-gray; wet; dense; fine to coarse gravel			80			
18									
21			End of boring						

DRILL LOG		PROJECT		PROJECT NO. 1460-23001-01		BORING NO. MW02	
SITE NE Marx St		BEGUN 12/2/23		COMPLETED 12/2/23		HOLE SIZE 4	
COORDINATES		DEPTH GROUND WATER 12/8/24		STATIC LEVEL 10.38		FIRST WATER 12.3	
DRILLER Cascade Drilling		CORE RECOVERY (%)		# SAMPLES		# CORE BOXES	
DRILL MAKE AND MODEL		LOGGED BY: E Chapman				DEPTH BOTTOM OF HOLE 20.5	

DEPTH	STRATA ELEVATION/ DEPTH	GRAPHIC LOG	DESCRIPTION	SAMPLE DATA				PID/OVM	REMARKS: NOTES ON WATER LEVELS, LOSSES, CAVING, CASING, DEPTH & DRILLING CONDITIONS.
				SAMPLE NO.	SAMPLE TYPE	CORE RECOVERY	MW Const./ Completion		
0			Gravel surface						
			SAND (SP); brown; fine-grained sand; loose; dry					0.0	
3			SILT with trace gravel (ML); fine gravels (<5%); dark brown; some fine sand			90		0.0	
6			wood fragment (3" thick); SiLT (ML); dark gray; organic odor; moist; soft;			90		0.0 0.0	
9			Fine SAND (SP); gray; moist; soft; arkosic sand						
12			interbeds of silt and fine sand			55		0.0	
15			Silty GRAVEL (GW-GM); gray; dry becoming mosit @15';>2" gravel			75		0.0	
18									
21			End of boring					0.0	

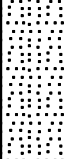
DRILL LOG		PROJECT		PROJECT NO. 1460-23001-01		BORING NO. MW03	
SITE NE Marx St		BEGUN 12/1/23		COMPLETED 12/1/23		HOLE SIZE 4	
COORDINATES		DEPTH GROUND WATER 12/8/24		STATIC LEVEL 7.77		FIRST WATER 14	
DRILLER Cascade Drilling		CORE RECOVERY (%)		# SAMPLES		# CORE BOXES	
DRILL MAKE AND MODEL		LOGGED BY: E Chapman				DEPTH BOTTOM OF HOLE 20.5	

DEPTH	STRATA ELEVATION/ DEPTH	GRAPHIC LOG	DESCRIPTION	SAMPLE DATA				PID/OVM	REMARKS: NOTES ON WATER LEVELS, LOSSES, CAVING, CASING, DEPTH & DRILLING CONDITIONS.
				SAMPLE NO.	SAMPLE TYPE	CORE RECOVERY	MW Const./ Completion		
0			Gravel surface						
3			SAND (SP); gray to brown; arkosic gray interbeds; soft; loose; sl moist			60		0.0	
6			moist to wet						
9			wood fragment (3" thick);						
12			SiLT (ML); dark gray; sl moist; firm			100		0.0	
15			becomes brown						
18			GRAVEL; gray; dry; <5% fines wet @ 14'			100		0.0	
21			Sandy GRAVEL (GW-GM); gray; trace clay; dense; wet; fine t o coarse gravels; scattered cl ay zones			70		0.0	
			End of boring						

DRILL LOG		PROJECT		PROJECT NO. 1460-23001-01		BORING NO. MW04	
SITE NE Marx St		BEGUN 12/1/23		COMPLETED 12/1/23		HOLE SIZE 4	
COORDINATES		DEPTH GROUND WATER 12/8/24		STATIC LEVEL 3.3		FIRST WATER 11	
DRILLER Cascade Drilling		CORE RECOVERY (%)		# SAMPLES		# CORE BOXES	
DRILL MAKE AND MODEL		LOGGED BY: E Chapman					DEPTH BOTTOM OF HOLE 20.5

DEPTH	STRATA ELEVATION/ DEPTH	GRAPHIC LOG	DESCRIPTION	SAMPLE DATA				PID/OVM	REMARKS: NOTES ON WATER LEVELS, LOSSES, CAVING, CASING, DEPTH & DRILLING CONDITIONS.
				SAMPLE NO.	SAMPLE TYPE	CORE RECOVERY	MW Const./ Completion		
0			Gravel surface						
3			SILT (ML); grayish black; firm; sl moist; some fine sand			85		0.0	
6			becomes brownish gray with copper mineralizing (<10%)						
9			tannish brown						
12			no fine sand; copper colored mottling very uniform silt; moist firm			100			
15			becomes gray; increased moisture						
18			wet; soft			100		0.0	
21			brown						
			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					0.0	
			End of boring					0.0	

DRILL LOG		PROJECT		PROJECT NO. 1460-23001-01		BORING NO. MW05	
SITE NE Marx St		BEGUN 12/2/23		COMPLETED 12/2/23		HOLE SIZE 4	
COORDINATES		DEPTH GROUND WATER 12/8/24		STATIC LEVEL 12.63		FIRST WATER 13.7	
DRILLER Cascade Drilling		CORE RECOVERY (%)		# SAMPLES		# CORE BOXES	
DRILL MAKE AND MODEL		LOGGED BY: E Chapman				DEPTH BOTTOM OF HOLE 20.5	

DEPTH	STRATA ELEVATION/ DEPTH	GRAPHIC LOG	DESCRIPTION	SAMPLE DATA				PID/OVM	REMARKS: NOTES ON WATER LEVELS, LOSSES, CAVING, CASING, DEPTH & DRILLING CONDITIONS.
				SAMPLE NO.	SAMPLE TYPE	CORE RECOVERY	MW Const./ Completion		
0			Asphalt surface						
			SAND (SP); brown; fine-grained sand; loose; dry					0.0	
3			dark gray; arkosic medium-grained sand; interbedded with fine-grained sand			80			
6									
9						70			
12			GRAVEL (GP); gray; up to 2" diam gravel; dry; dense					0.0	
15						50			
18			Silty GRAVEL (GW-GM) with trace clay; tannish gray; dense; moist; fine to coarse gravel; wet in shoe					0.0	
21						30		0.0	
			GRAVEL with sand; fine to coarse grained gravel; <15% fines; gray-brown; wet					0.0	
								0.0	
			End of boring						

WELL I.D. LABEL#	L153126	
START CARD #	1072949	
ORIGINAL LOG #	MULTNOMAH	140998

Form Version:

3/20/2024

(4) CONSTRUCTION

[illegible]

Material	SEAL		Amt	sacks/	grout
	From	To		lbs	weight
Bentonite Chips	2	20	2.5	S	

CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									

SCREENS

[illegible]

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

[illegible]

(7) STATIC WATER LEVEL

Water Bearing Zones

[illegible]

(8) WELL LOG

[illegible]

Name of person(s) who assisted with construction and Trainee License # / Helper #

Assistant Name	Type	#

Comments/Remarks

306-24-1029

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

MULT 141331

3/20/2024

Map of Hole



3/20/2024

(4) CONSTRUCTION

[illegible][illegible]

CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									

SCREENS

[illegible]

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

[illegible]

(8) WELL LOG

[illegible]

Name of person(s) who assisted with construction and Trainee License # / Helper #

Assistant Name	Type	#

Comments/Remarks

306-24-1029

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



Form Version:

3/20/2024

(4) CONSTRUCTION

[illegible]

Material	SEAL		Amt	sacks/	grout
	From	To		lbs	weight
Bentonite Chips	2	20	2.5	S	

CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									

SCREENS

[illegible]

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

[illegible]

(8) WELL LOG

[illegible]

Name of person(s) who assisted with construction and Trainee License # / Helper #

Assistant Name	Type	#

Comments/Remarks

306-24-1029

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



Form Version:

3/20/2024

(4) CONSTRUCTION

[illegible]

SEAL

[illegible]

CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									

SCREENS

[illegible]

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

[illegible]

(8) WELL LOG

[illegible]

Name of person(s) who assisted with construction and Trainee License # / Helper #

Assistant Name	Type	#

Comments/Remarks

306-24-1029

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

This map is supplemental to the WATER SUPPLY WELL REPORT

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:

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



ORIGINAL LOG #	MULTNOMAH	141012
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306-24-1029

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

