

**CLAIM OF
BENEFICIAL USE
for Reservoir Permits by
CWRE's (not self-certified)**



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

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**A fee of \$230 must accompany this form for permits
with priority dates of July 9, 1987, or later.
Claims received without the correct fee of \$200 will be returned.**

**SECTION 1
GENERAL INFORMATION**

1. File Information

APPLICATION # R-89393	PERMIT # (IF APPLICABLE) R-15625	PERMIT AMENDMENT # (IF APPLICABLE) NA
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2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME Gerald and Carolyn Roth Trust, Gerald and Carolyn Roth Trustees		PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS 3124 82nd Ave NE			
CITY Salem	STATE OR	ZIP 97305	E-MAIL

If the current property owner is not the permit holder of record, it is recommended that an assignment be filed with the Department. ***Each permit holder of record must sign this form.***

3. Permit holder of record (this may, or may not, be the current property owner):

PERMIT HOLDER OF RECORD MARS Enterprises LLC			
ADDRESS 4196 81st Ave NE			
CITY Salem	STATE OR	ZIP 97305	

ADDITIONAL PERMIT HOLDER OF RECORD NA			
ADDRESS			
CITY	STATE	ZIP	

4. Date of Site Inspection:

June 27, 2024

5. Person(s) interviewed and description of their association with the project:

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NAME	DATE	ASSOCIATION WITH THE PROJECT
Jeff Roth	June 27, 2024	Manager of MARS which leases the land and then leases to Willamette Valley Fruit Company, a subsidiary of Oregon Potato Company.

6. County

Marion

7. If any property described in the place of use of the permit is excluded from this report, identify the owner of record for that property (ORS 537.230(5)):

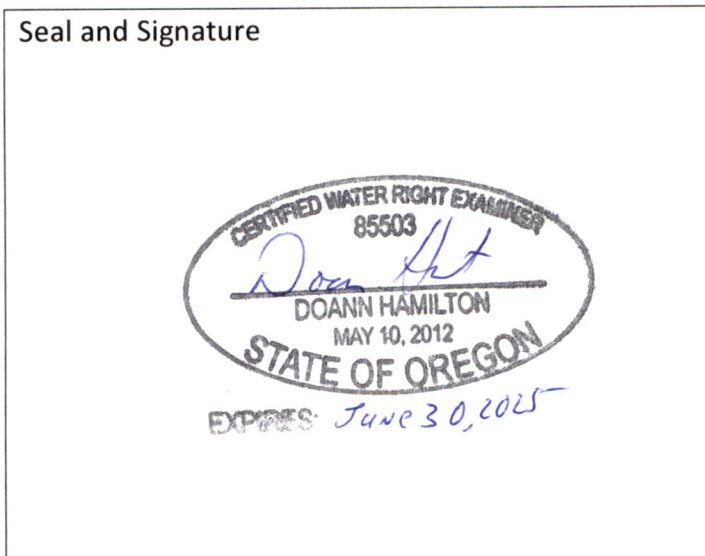
OWNER OF RECORD		
NA		
ADDRESS		
CITY	STATE	ZIP

Add additional tables for owners of record as needed

SECTION 2
SIGNATURES

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.



CWRE NAME Doann Hamilton		PHONE NO. (503) 632-5016	ADDITIONAL CONTACT NO. (503) 349-6946
ADDRESS 18487 S. Valley Vista Road			
CITY Mulino	STATE OR	ZIP 97042	E-MAIL phgdmh@gmail.com

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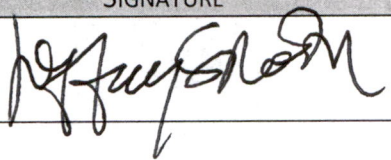
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Permit Holder's of Record Signature or Acknowledgement

Each permit or transfer holder of record must sign this form in the space provided below.

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
	Jeffrey S Roth	Owner	11/19/2024

SECTION 3

CLAIM DESCRIPTION

1. Reservoir source and, if from surface water, the tributary:

RESERVOIR NAME OR NUMBER	SOURCE	TRIBUTARY
Fire Pond	A Well	Howell Prairie Creek Basin

2. Developed use(s), period of use, and acre foot (af) for each use:

RESERVOIR NAME OR NUMBER	USES	SEASON OR MONTHS WHEN WATER WAS APPROPRIATED FOR STORAGE	VOLUME STORED (AF)
Fire Pond	Fire Protection	January 1 through December 31	0.49 AF
Total Quantity of Water Stored			0.49 AF

3. Provide a general narrative description of the distribution works. This description must trace the water system from each point of diversion to the reservoir:

Water is pumped from MARS Well (MARI 68838) using a 15 Hp submersible pump inside the north end of the pump shed to convey water through 5 feet of 4-inch galvanized steel pipe with a 3-inch galvanized extension to support a sample valve for water quality testing. The 4-inch pipe reduces down to 3-inch schedule 80 PVC pipe which then enters the pump shed on the southern end. Inside the pump shed, the water is conveyed through the 3-inch schedule 80 PVC line which is connected, in turn to a 44 gallon pressure tank and back flow valve before going through the meter and exiting through the southwest corner of the shed. The 3-inch schedule 80 PVC pipe continues north and converts to 4-inch schedule 80 PVC pipe. This 4-inch schedule 80 PVC line continues north about 25

feet before teeing east-west.

At the west side of the shed, before the 4-inch PVC pipe extends to the north, the 4-inch PVC pipe also tees off to the west to connect to a 2-inch schedule 80 PVC line used to fill the fire pond as needed. A sensor is extended into the pond to regulate the pond height. Once the levels drop below the sensor, the pump will kick on to add more water to the pond.

The spillway is located on the south end of the pond. Two vertical 6-inch PVC standpipes extend approximately 4 inches above normal full pond level. The two standpipes are connected to 6-inch PVC pipes which extend horizontally to the south through the berm, discharging in a ditch at the base of the berm.

Outlet is controlled by the firehose hook up located on the north side of the pond. If the pond ever needs emptying out, a pump will need to be connected and used to pumped out the pond.

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

4. Variations:

Was the use developed differently from what was authorized by the permit, permit amendment final order, or extension final order? If yes, describe below. **NO**

(e.g. "The permit allowed the development of three reservoirs. The permit holder only developed one of the reservoirs." or "The permit allowed for the storage of 9 acre feet of water. The reservoir was developed to hold 5.2 acre feet.")

None

5. Claim Summary:

RESERVOIR NAME OR #	MAXIMUM STORAGE AUTHORIZED BY PERMIT (AF)	MAXIMUM STORAGE DEVELOPED (AF)
Fire Pond	0.49 AF	0.49 AF

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SECTION 4
SYSTEM DESCRIPTION

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Are there multiple reservoirs?

NO **OWRD**

If "YES" you will need to copy and complete Sections A through E for each reservoir.

Reservoir Name or Number this section describes (only needed if there is more than one):

Fire Pond

A. Reservoir Location

1. Is the reservoir on-channel?

NO

2. Provide dam outlet location and/or point of diversion(s).

TWP	RNG	MER	SEC	QQ	GLOT	DLC	MEASURED DISTANCES
7S	2W	WM	14	NE NE	NA	61	1,235 feet south and 1,185 feet west from the NE corner, Section 14

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLOT), and Quarter-Quarters (QQ).

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport the water from the point(s) of diversion to the reservoir.

1. Is a pump used?

YES

If "NO" items 2 through item 5 may be deleted.

2. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)
Wolf	6Lm8V-5stg	Unknown	Submersible

3. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
15 Hp	80 psi	64.17 (from permit condition pump test)	3 feet	0.39 cfs

4. Provide pump calculations:

$$Q \text{ Pump} = \frac{(15 \text{ Hp}) \times (7.04 \text{ ft}^4/\text{sec Hp})}{(67.17 \text{ ft lift} + 203.2 \text{ ft pressure head})} = 0.39 \text{ cfs}$$

5. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
Not running during site visit			

Reminder: For pump calculations use the reference information at the end of this document.

6. Additional notes or comments related to the system:

Water is also appropriated from the authorized well under Certificate 97396.
 Note: meter records water under this permit and commercial use under Certificate 97396.

C. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM’S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe? **NO**

If “NO”, items 2 through 4 relating to this section may be deleted.

D. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING’S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? **NO**

If “NO”, items 2 through 4 relating to this section may be deleted.

E. Reservoir

1. Does the reservoir require the submittal of as-built plans and specifications? **NO**

If “YES”, answer item 2; items 3 through 8 relating to this section may be deleted.

If “NO”, skip items 2; answer items 3 through 8.

2. Complete the table:

HAVE THE DOCUMENTS BEEN SUBMITTED? YES OR NO	WHEN WERE THE DOCUMENTS SUBMITTED?	HAVE THEY BEEN APPROVED BY THE DEPARTMENT?	NUMBER OF ACRE FEET STORED
NA			

3. If the reservoir stores less than 9.2 acre-feet of water or if the dam is less than 10 feet in height, and as-built plans and specifications are not required, complete the table and items 4 through 8.

MAXIMUM DEPTH	AVERAGE DEPTH	SURFACE AREA (IN ACRES)	VOLUME (IN ACRE FEET)
6.5 feet	3.0 feet	0.12 acres	0.49 AF

4. Provide reservoir volume calculations:

See attached engineering drawing showing maximum storage volume of 159,100 gallons (0.49 AF).

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5. Provide the following information concerning the physical characteristics of the dam:

CREST WIDTH (W)	DAM HEIGHT AT CENTERLINE (H)	DISTANCE FROM DOWNSTREAM TOP OF DAM TO DOWNSTREAM TOE (L)	DISTANCE FROM UPSTREAM TOP OF DAM TO UPSTREAM TOE (U)	WATER LEVEL AT INSPECTION	DOWN-STREAM SLOPE	UP-STREAM SLOPE
6 feet	3.5 feet south end to 2.5 feet north end	14.0 feet	15 feet	6.5 feet	2:1	2:1

6. Provide a drawing showing the cross section of the dam at the maximum section indicating details and dimensions. The drawing should be drawn at a standard even scale.

See attached engineering drawing

7. Describe the outlet works (size and type of the outlet conduit and location):

A foot off the bottom of the pond an 8-inch schedule 40 PVC pipe with strainer holes drilled on bottom half of pipe tees down below the pond and extends north. The 8-inch PVC pipe angles up and through an 18-inch-diameter pipe with an inner 12-inch-diameter pipe. The 8-inch PVC pipe extends up and out to a 6-inch female plug adaptor where a pump can be connected to extract water from the pond. (See engineering drawing)

8. Describe the emergency spillway (dimensions and location):

BOTTOM WIDTH (W)	TOP WIDTH (L)	SPILLWAY DEPTH (H)
NA	NA	NA

The spillway is located on the south end of the pond. Two vertical 6-inch PVC standpipes extend approximately 4 inches above normal full pond level. The two standpipes are connected to 6-inch PVC pipes which extend horizontally to the south through the berm, discharging in a ditch at the base of the berm.

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**SECTION 5
CONDITIONS**

All conditions contained in the permit, permit amendment, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Permits and any extension final orders contain any or all of the following dates; the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed was to be completed. These dates may be referred to as

ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or extension final order:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	January 26, 2024		
BEGIN CONSTRUCTION (A)	January 26, 2029	January 27, 2024	Construction of fire pond completed
COMPLETE CONSTRUCTION (B)	NA	NA	NA
COMPLETE APPLICATION OF WATER (C)	January 26, 2029	February 2024	All the permit conditions were met and water was stored to the full capacity of the pond.

* must be within period between permit or any extension final order issuance and the date to completely apply water

2. Is there an extension final order(s)? NO

3. Measurement Conditions:

a. Does the permit, permit amendment, or any extension final order require the installation of a meter or approved measuring device? YES

If "NO", items b through f relating to this section may be deleted.

Reminder: If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of diversion or appropriation.

b. Has a meter been installed? YES

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
MARS Well	McCrometer	14-01806-04	Working	83,686,500 gallons June 27, 2028	August of 2020

If a meter has been installed, items d through f relating to this section may be deleted.

4. Recording and reporting conditions

a. Is the water user required to report the water use to the Department? NO

If "NO", item b relating to this section may be deleted.

5. Outlet Pipe

a. Is the water user required to install a minimum 8" outlet pipe/conduit? NO

If "NO", items b through c relating to this section may be deleted.

6. Fish Screening

a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion? NO

If "NO", items b through e relating to this section may be deleted.

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7. By-pass Devices

a. Are any points of diversion required to have a by-pass device to prevent fish from entering the point of diversion? **NO**

If "NO", items b and c relating to this section may be deleted.

8. Other conditions required by permit, permit amendment final order, or extension final order

- a. Was the water user required to restore the riparian area if it was disturbed? **NO**
- b. Was a fishway required? **NO**
- c. Was submittal of a letter from an engineer required prior to storage of water? **NO**
- d. Was submittal of a water management and conservation plan required? **NO**
- e. Other conditions? **NO**

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

None

**SECTION 6
ATTACHMENTS**

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Claim of Beneficial Use Map	Claim of Beneficial Use Map
State Water Well Report – MARI 63338	Well log and driller's notes for MARI 68838 – MARS Well
BLM Cadastral Map	BLM Cadastral Map T. 7S R. 2W. showing DLC and Government Lot locations
C4.1 Fire Pond Enlarged Plan, Section, Details	Fire Pond construction Plan created by Youngman Locke Engineers, January 24, 2013

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SECTION 7

CLAIM OF BENEFICIAL USE MAP

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

The COBU map was prepared using tax assessor's map 07 2W 14, overlain by a 2014 aerial photo titled USDA-FSA-APFO NAIP County Mosaic and obtained on line from the Natural Resources Conservation Service, Image Metadata:
<http://datagateway.nrcs.usda.gov/Catalog/ProductDescription/NAIPM.html>

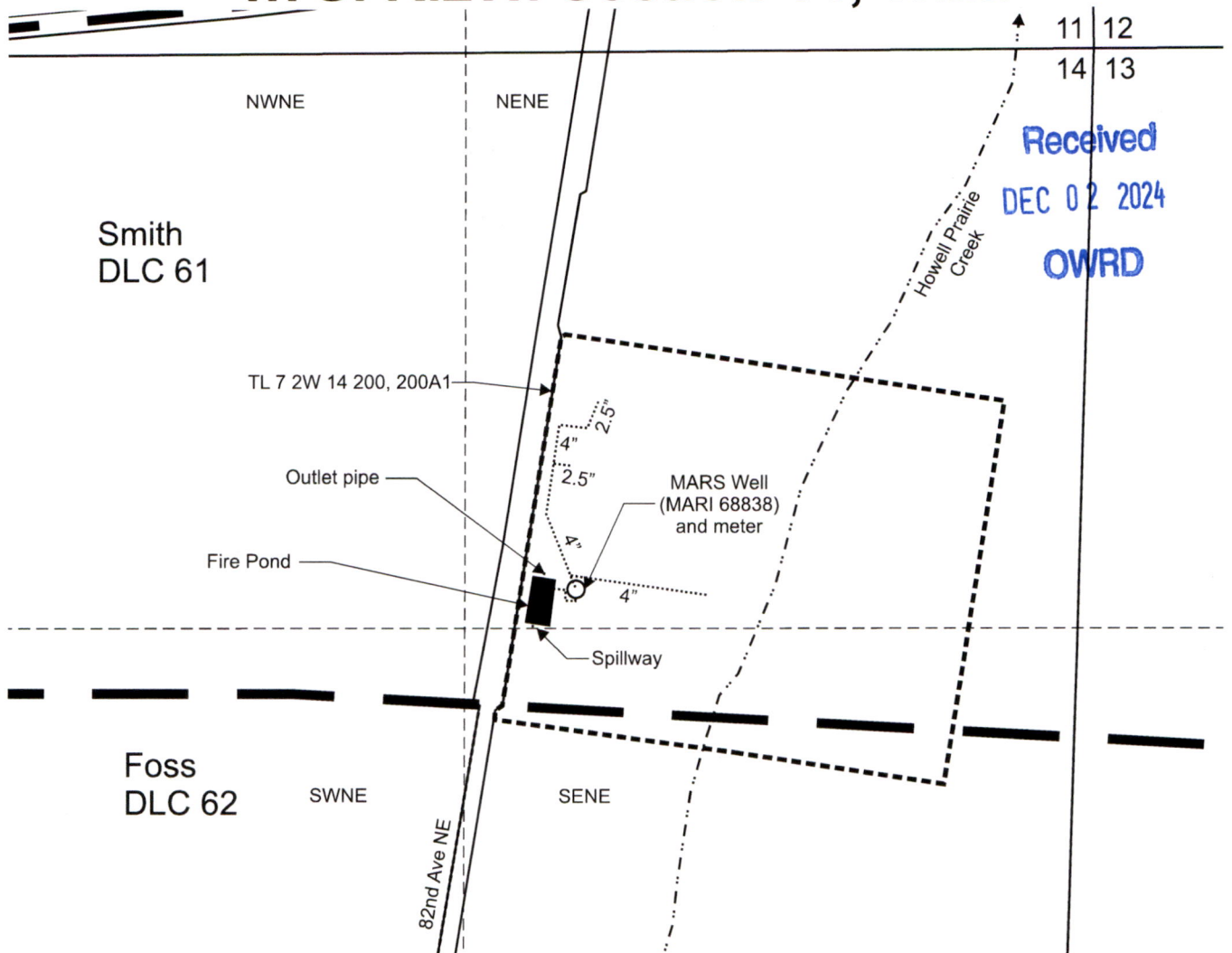
Map Checklist

Please be sure that the map you submit includes ALL the items listed below.
(Reminder: Incomplete maps and/or claims may be returned.)





- Map on polyester film.
- Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- Township, Range, Section, Donation Land Claims, and Government Lots
- If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
- Locations of meters and/or measuring devices in relationship to point of diversion
- Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- Point(s) of diversion or appropriation (illustrated and coordinates)
- Tax lot boundaries and numbers
- Source illustrated if surface water
- Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- Application and permit number or transfer number
- North arrow
- Legend
- CWRE stamp and signature

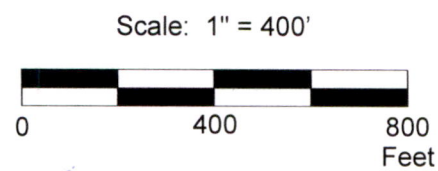
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T.7S. R.2W. Section 14, W.M.



MARS Well (MARI 68838) is located 1,235 feet south and 1,185 feet west from the NE corner, Section 14.
 Fire Pond center is located 1,265 feet south and 1,270 feet west from the NE corner, Section 14.
 Outlet is located 1,235 feet south and 1,185 feet west from the NE corner, Section 14.

-  Area (0.14 acres) submerged by Fire Pond, Application R-89393, Permit R-15625.
-  Tax lot boundary
-  Donation Land Claim boundary
-  Water main line



This map was prepared for the purpose of identifying the location of a water right only and is not intended to provide legal dimensions or location of property ownership lines.



Claim of Beneficial Use Map
 Application R-89393, Permit R-15625

Pacific Hydro-Geology Inc.

MARS Enterprises, LLC
 T.7S. R.2W. Section 14, W.M.

11/2024

GandCMARSR-89393COBUMap.cdr

MARI 68838

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WESTERBERG DRILLING INC.

DEC 02 2024

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

PO BOX 1228
MOLALLA, OR 97038

WELL I.D. LABEL# L 133613
START CARD # 216569
ORIGINAL LOG #

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(1) LAND OWNER
Owner Well I.D.
First Name Last Name
Company Mars Enterprises LLC
Address 4196 81st Ave NE
City Salem State OR Zip 97305

(2) TYPE OF WORK
[X] New Well [] Deepening [] Conversion
Alteration (complete 2a & 10) [] Abandonment (complete 5a)
(2a) PRE-ALTERATION
Dia + From To Gauge Stl Plstc Wld Thrd
Casing: [] [] [] [] [] [] [] []
Material From To Amt sacks/lbs
Seal: [] [] [] [] [] [] [] []

(3) DRILL METHOD
[X] Rotary Air [] Rotary Mud [X] Cable [] Auger [] Cable Mud
[] Reverse Rotary [] Other

(4) PROPOSED USE
[X] Domestic [] Irrigation [] Community
[X] Industrial/ Commercial [] Livestock [] Dewatering
[] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION
Special Standard [] (Attach copy)
Depth of Completed Well 136 ft.
BORE HOLE
Dia From To Material SEAL From To Amt sacks/lbs
14.5 0 57 Bentonite 0 8 6 S
10 57 136 Calculated 6
Cement 8 57 33 S
Calculated 19.6

How was seal placed: Method [] A [] B [X] C [] D [] E
[X] Other Bentonite Poured & Probed
Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size
Explosives used: [] Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Pounds Actual Amount Pounds

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd
10 [X] 1.67 136 .250 [X] [X] [X] [] [] []
Shoe [] Inside [X] Outside [] Other Location of shoe(s) 136
Temp casing [X] Yes Dia 14 From + [X] 1 To 57

(7) PERFORATIONS/SCREENS
Perforations Method Mills Knife
Screens Type Material
Perf/S Casing/Screen Dia From To Scm/slot Slot # of Tele/ green Liner Dia From To width length slots pipe size
Perf Casing 10 110 133 .38 2.75 345 10

(8) WELL TESTS: Minimum testing time is 1 hour
[] Pump [] Bailer [X] Air [] Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
120 105 2
Temperature 53 °F Lab analysis [] Yes By
Water quality concerns? [] Yes (describe below) TDS amount 198 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County MARION Twp 7 S N/S Range 2 W E/W WM
Sec 14 NE 1/4 of the NE 1/4 Tax Lot 200
Tax Map Number Lot
Lat ° ' " or DMS or DD
Long ° ' " or DMS or DD
[] Street address of well [] Nearest address
2992 82nd Ave NE, Salem, OR 97305

(10) STATIC WATER LEVEL
Date SWL (psi) + SWL (ft)
Existing Well / Pre-Alteration
Completed Well 09-30-2019 52.3
Flowing Artesian? [] Dry Hole? []

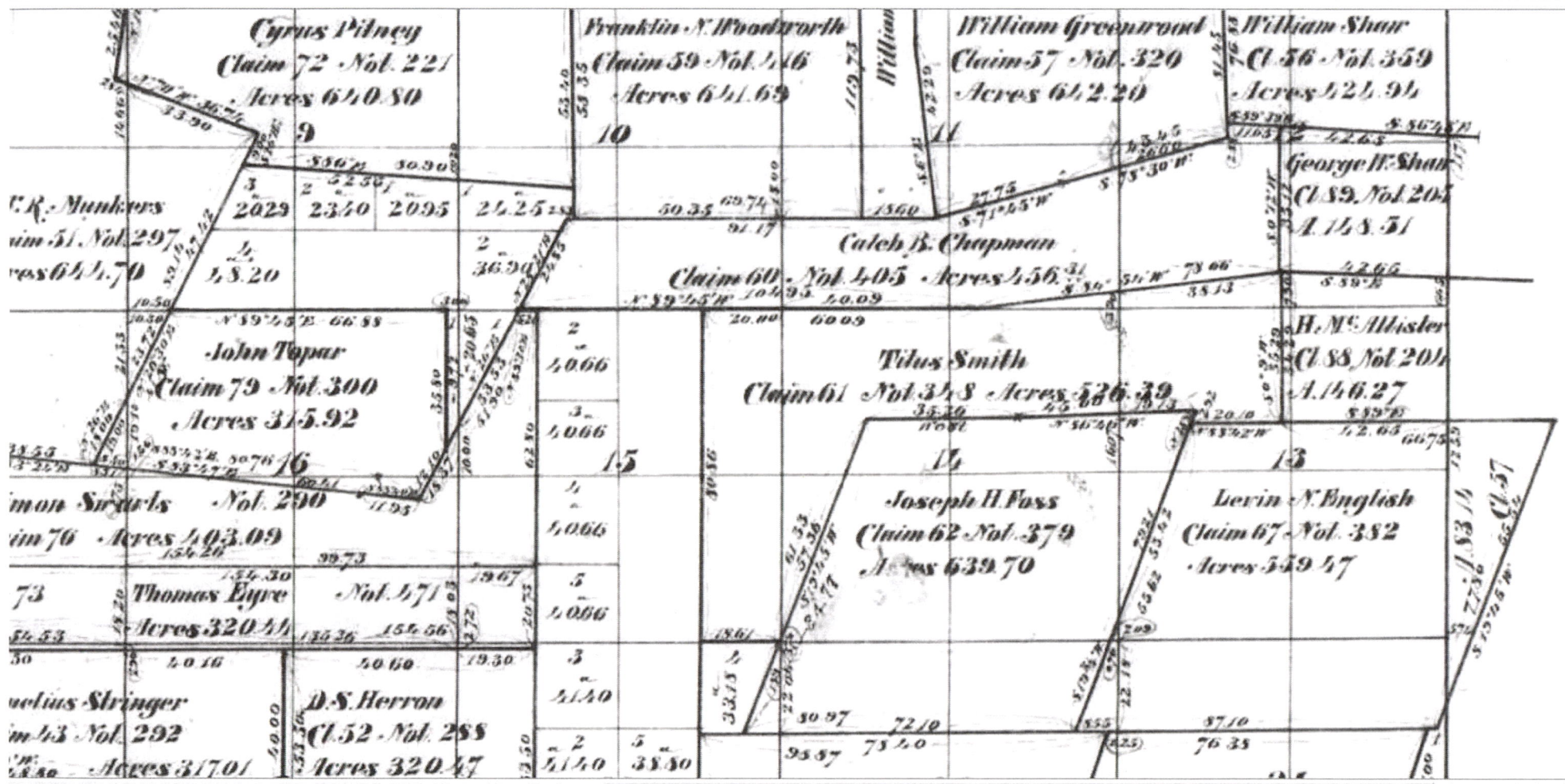
WATER BEARING ZONES
Depth water was first found 93
SWL Date From To Est Flow SWL (psi) + SWL (ft)
09-30-2019 93 135 120 .52.25

(11) WELL LOG
Ground Elevation
Material From To
Soil 0 1
Clay Brown Medium 1 15
Clay Brown Soft 15 28
Clay Grey Firm 28 48
Cemented Gravel 48 87
Clay Brown with Gravel 87 93
Sand & Gravel Brown 93 96
Cemented Gravel Brown 96 135
Silt Grey 135 136

Date Started 09-11-2019 Completed 09-30-2019

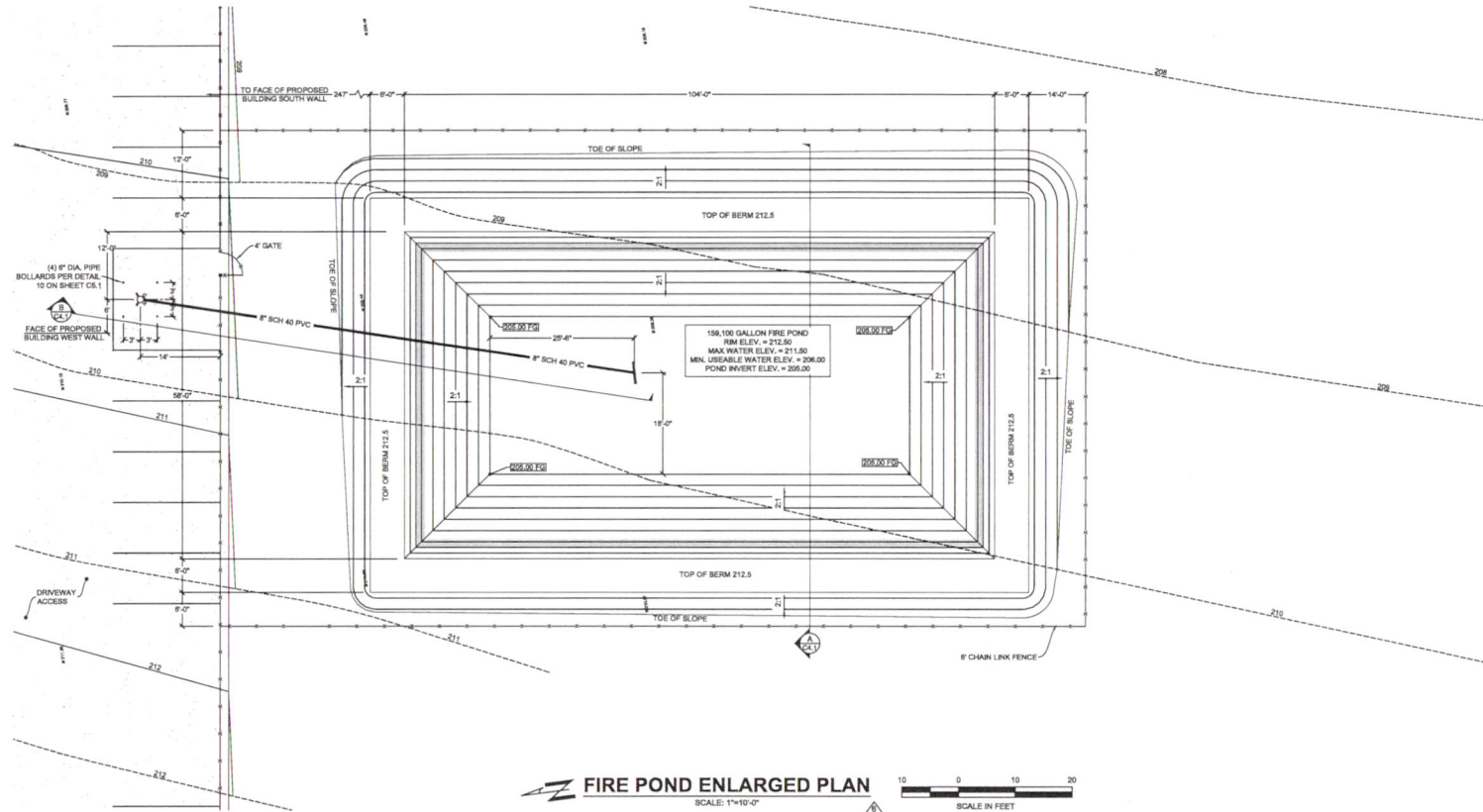
(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
License Number 1358 Date 10-03-2019
Signed Bym B...

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
License Number 688 Date 10-14-2019
Signed Steve N. Stadel
Contact Info (optional)

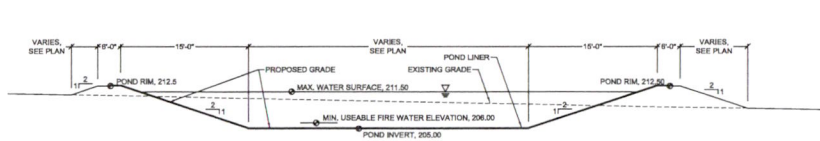


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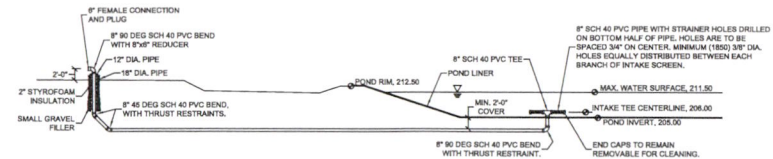
REV.	DATE	DESCRIPTION
△	7 FEB 2013	GENERAL REVISIONS
△	8 JUNE 2013	FIRE POND RECONFIGURATION & RELOCATION
△	3 JULY 2013	FIRE POND MODIFICATION



FIRE POND ENLARGED PLAN
SCALE: 1/4"=10'-0"



FIRE POND SECTION A
SCALE: N.T.S.



FIRE POND SECTION B
SCALE: N.T.S.

Youngman Locke Engineers
Civil & Structural

Changes produced by the engineer are the responsibility of the engineer. The engineer is not responsible for the construction of these drawings. All drawings are the property of the engineer. Unchecked and unapproved drawings are not to be used. The engineer is not responsible for the construction of these drawings. All drawings are the property of the engineer. Unchecked and unapproved drawings are not to be used. The engineer is not responsible for the construction of these drawings.

WILLAMETTE VALLEY FRUIT
NEW STORAGE AND PRODUCTION BUILDING
2994 62ND AVENUE NE
SALEM, OREGON

FIRE POND ENLARGED PLAN, SECTIONS, DETAILS

JOB NO. 03177-6
DATE 24 JANUARY 2013
DESIGN BY CEF
CHECKED BY RWH
SHEET C4.1

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