

**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-88416	PERMIT # (IF APPLICABLE) R-15257	PERMIT AMENDMENT # (IF APPLICABLE) NA
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2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME Northwest Agricultural Properties LLC		PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS PO Box 230			
CITY Mount Angel	STATE OR	ZIP 97362	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 Kraemer Farms LLC			
ADDRESS 13318 Dominic Rd NE			
CITY Mount Angel	STATE OR	ZIP 97362	

ADDITIONAL PERMIT HOLDER OF RECORD NA			
ADDRESS			
CITY	STATE	ZIP	

4. Date of Site Inspection:

April 5, 2023

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Ray Stafford	April 5, 2023	Partner in Kraemer Farms LLC

6. County

Marion County

7. If any property described in the place of use of the permit final order 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

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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.

Seal and Signature



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

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
<i>Doann Hamilton, LLC by Doann Hamilton</i>	KRAEMER FARMS, LLC By TOM KRAEMER	MEMBER	7/17/23

**SECTION 3
CLAIM DESCRIPTION**

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

RESERVOIR NAME OR NUMBER	SOURCE	TRIBUTARY
Teeney Pond	Runoff	Butte Creek

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)
Teeney Pond	Multiple purpose	November 1 through May 31	6.5 AF
Total Quantity of Water Stored			

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:

The pond receives water from runoff collected in drain tiles in the field. The higher elevation drain tiles drain into 8 inch drain tile that supplies water to the reservoir in the southwest corner.

A spillway is located in the south west corner to discharge excess water. The spillway consists of an 8 inch PVC extended into the pond and elbowed up with a metal lattice to catch any debris. The 8 inch

PVC extends southeast from the pond and connects to an existing drain tile that flows to the north east and away from the area.

There is a 6 inch PVC extended at the base of the dam in the north east corner extending north east and connecting to the existing drain tiles. There is a gate valve on this 6 inch PVC that can be opened to evacuate the pond when needed.

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. **YES**

(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.")

1. After field verifying, the acre-feet was reduced to 6.5 AF

5. Claim Summary:

RESERVOIR NAME OR #	MAXIMUM STORAGE AUTHORIZED BY PERMIT (AF)	MAXIMUM STORAGE DEVELOPED (AF)
Teeney Pond	11.5 AF	6.5 AF

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SECTION 4
SYSTEM DESCRIPTION

Are there multiple reservoirs? **NO**

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):

Teeney 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
6S	1E	WM	17	SE SE	Lot 3	NA	850 feet north and 720 feet west from the SE corner, Section 17.

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? NO

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

6. Additional notes or comments related to the system:

The 8-inch drain tile discharges runoff water into the SW corner of the pond.

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.

2. Complete the table:

PIPE SIZE	PIPE TYPE	"C" FACTOR	AMOUNT OF FALL	LENGTH OF PIPE	SLOPE	COMPUTED RATE OF WATER FLOW (IN CFS)
8 inch	PVC	150	60 feet	1,500 feet	4%	3.9 cfs

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3. Provide calculations:

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Gravity Flow pipe System=

$$V = 1.31 (C) (R^{0.63}) (S^{0.54})$$

$$C = 150$$

R = area of the pipe /wetted perimeter = 8 inches

$$\begin{aligned} \text{Area of the pipe is: } & \pi r^2 \\ & = \pi \times ((8/2)/12)^2 = 0.349 \text{ ft}^2 \end{aligned}$$

$$\begin{aligned} \text{Wetting perimeter} & = 2 \pi r \\ & = 2 \times \pi \times (8/2)/12 = 2.09 \text{ ft} \end{aligned}$$

$$R = 0.349 \text{ ft}^2 / 2.09 \text{ ft} = 0.167 \text{ ft}$$

$$S = 60 \text{ ft} / 1,500 \text{ ft} = 0.04$$

$$V = 1.31 (150) (0.167^{0.63}) (0.04^{0.54})$$

$$V = 1.31 (150) (0.324) (0.176)$$

$$V = 11.2 \text{ ft/sec}$$

$$Q = AV$$

$$Q = 0.349 \text{ ft}^2 \times 11.2 \text{ ft/sec}$$

$$Q = 3.9 \text{ cfs}$$

4. If an actual measurement was taken, provide the following:

DATE OF MEASUREMENT	WHO MADE THE MEASUREMENT	MEASUREMENT METHOD	MEASURED QUANTITY OF WATER (IN CFS)
Not Measured			

Attach measurement notes.

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.

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)
12.5 feet	5 feet	1.3 acres	6.5 AF

4. Provide reservoir volume calculations:

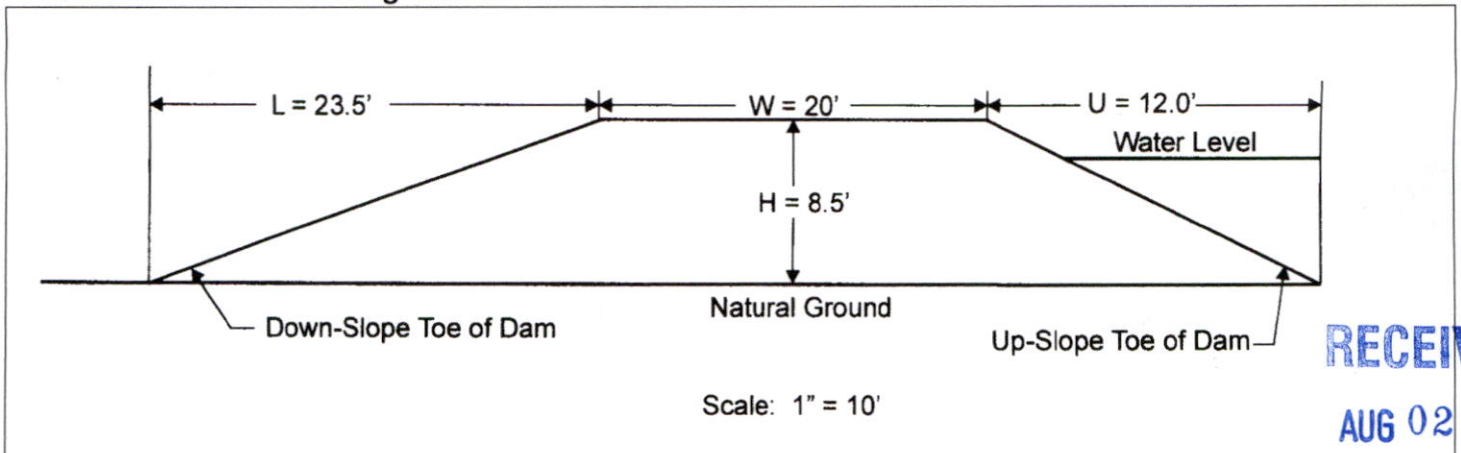
$$\text{Volume} = (\text{surface area in acres}) \times (\text{maximum depth}) \times 0.4$$

$$\text{Volume} = (1.3 \text{ Acres}) \times (12.5 \text{ feet}) \times 0.4 = 6.5 \text{ AF}$$

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
20 ft	8.5 ft	23.5 ft	17.0 ft	11.46 ft	36%	50%

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.



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

There is a 6 inch PVC pipe in the northeast wall of the reservoir heading northeast and connecting to 6 inch drain tiles. Before connecting to the drain tiles, there is a gate valve that can be opened to drain the pond.

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

BOTTOM WIDTH (W)	TOP WIDTH (L)	SPILLWAY DEPTH (H)
8 INCH PVC ELBOWED UPWARD WITH A GRATE ON TOP	60 FEET AND CONNECTING TO THE EXISTING DRAIN TILES	TOP OF THE PVC IS AT THE MAXIMUM HEIGHT OF THE WATER AT 13.5 FT

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	October 10, 2017		
BEGIN CONSTRUCTION (A)	October 10, 2022	October 2017	According to reservoir application pond was pre-existing approximately 20 plus years at the time application was filled out.
COMPLETE CONSTRUCTION (B)	NA	NA	NA
COMPLETE APPLICATION OF WATER (C)	October 10, 2022	March 2020	All permit conditions were met upon installation of the staff gage on March 2020, and water was impounded for the 2020-2021 water year.

* 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
Staff Gauge	USGS Style C	NA	Working	11.46 feet (April 5, 2023)	March 2020

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

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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? **YES**

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

b. Has the outlet pipe been installed? **YES**

If "YES", items 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.

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? **YES**

b. Was a fishway required? **YES**

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? **YES**

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

a1) Condition:

If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

Compliance:

Source of water is runoff so no point of diversion was installed.

b2) Condition:

The permittee shall not construct, operate or maintain any dam or artificial obstruction to fish passage in the channel of the subject stream without providing a fishway to ensure adequate

upstream and downstream passage for fish, unless the permittee has requested and been granted a fish passage waiver by the Oregon Fish and Wildlife Commission. The permittee is hereby directed to contact an Oregon Department of Fish and Wildlife Fish Passage Coordinator before beginning construction of any in-channel obstruction.

Compliance:

Reservoir is not located in channel

e1) Condition:

The permittee shall pass all live flow outside the storage season.

Compliance:

Water can be evacuated by opening the gate valve in the NE corner to drain the pond through 6 inch PVC that connects into the existing drain tiles.

SECTION 6

ATTACHMENTS

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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
BLM Cadastral Map	BLM Cadastral Map T. 6S. R. 1E. showing DLC and Government Lot locations

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.

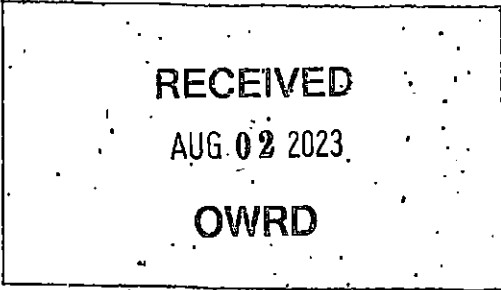
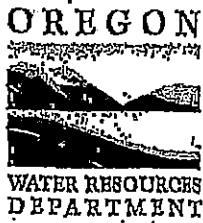
The COBU map was prepared using tax assessor's map 06 1E 16, 17, and 20, overlain by a 2014 aerial photo titled USDA-FSA-APFO NAIP County Mosaic and obtained on line from the Natural Resources Conservation Service, Image Metadata:
<http://datagateway.nrcs.usda.gov/Catalog/ProductDescription/NAIPM.html>.

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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Date Received (Date Stamp Here)

OWRD Over-the-Counter Submission Receipt

Applicant Name(s) & Address: Northwest Ag Properties LLC
PO Box 230, Mt Angel OR 97362

Transaction Type: Claim

Fees Received: \$ 230.00

Cash Check; Check No. 2841

Name(s) on Check: Kraemer Farms LLC

Thank you for your submission. Oregon Water Resources Department (Department) staff will review your submittal as soon as possible.

If your submission is determined to be complete, you will receive a receipt for the fees paid and an acknowledgement letter stating your submittal is complete.

If determined to be incomplete, your submission and the accompanying fees will be returned with an explanation of deficiencies that must be addressed in order for the submittal to be accepted.

If you have any questions, please feel free to contact the Department's Customer Service staff at 503-986-0801 or 503-986-0810.

Sincerely,
OWRD Customer Service Staff

Submission received by: Corie Corvick
(Name of OWRD staff)

Instructions for OWRD staff:

- Complete this Submission Receipt and make two (2) copies. Place one copy with the check/cash; and place the other copy with the submission (i.e., the application or other document).
- Date-stamp all pages. (NOTE: Do not stamp check.)
- Give this original Submission Receipt to the applicant.
- Record Submission Receipt Information on the "RECEIVED OVER THE COUNTER" log sheet.
- Fold and put one copy of the Submission Receipt with check/cash into the Safe slot. Place the other copy of the Submission Receipt with submission (application/other document) in the Safe slot.