

Document Path: z:\0860_City_of_Adams\Source_Figures\001_COE\UCC08U_PermG-11348.mxd anahv

- LEGEND**
- Point of Appropriation (POA)
 - Place of Use (POU)
 - Government Lot (GL)
 - Tax Lot
 - Watercourse
 - Waterbody

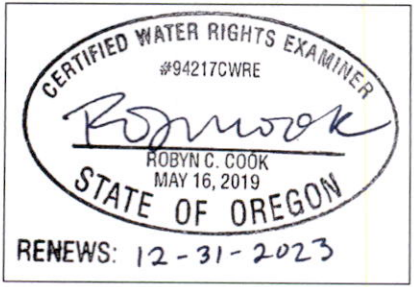
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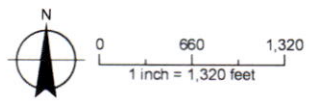
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Claim of Beneficial Use
in the Name of the City of Adams
Application G-11971, Permit G-11348
 Umatilla County
 Township 3 North, Range 34 East (W.M.)

CERTIFIED WATER RIGHTS EXAMINER STAMP



LOCATION DESCRIPTION
Well 3 (UMAT 5331)
 Located 3180 feet South and 2565 feet West from the NE corner of Section 4, Township 3 North, Range 34 East (W.M.)



DISCLAIMER

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

Date: December 22, 2021
 Data Sources: BLM, ESRI, OWRD, USGS, Umatilla Co.



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
- N/A** If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- N/A** 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 or appropriation
- Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- Point(s) of diversion or appropriation (illustrated and coordinates)
- Tax lot boundaries and numbers
- N/A** 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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Item C: Submittal of a WMCP is required in order to divert water beyond 0.23 cfs. The permittee is in compliance with this condition (less than 0.23 cfs is diverted under this partial perfection request).

Item D: Well ID Tag: The permittee is in compliance with this condition.

Item E: Submittal of a plan/timetable that indicates the steps which the City intends to pursue to obtain a long-term water supply. The permittee is in compliance with this condition.

SECTION 6 ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
Attachment 1	Maps
Attachment 2	Water Right Information
Attachment 3	Well Log (UMAT 5331)
Attachment 4	Documentation of Beneficial Use

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.

During the site inspection the CWRE observed the well site, POU, and other visible system components, but did not independently survey these system components locations. The Claim of Beneficial Use map was developed using Geographic Information System (GIS) software and spatial datasets obtains from Oregon Water Resources Department (OWRD), Umatilla County, the U.S. Geologic Survey, and the Oregon Geographic Information Council (OGIC). Additional data and information specific to the water right holder's use of water under the water right described in this Claim of Beneficial Use report were obtained from the water right holder.

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5. Pump Test:

a. Did the permit require the submittal of a pump test? **YES**

Ground water permits with priority dates on or after **December 20, 1988**, require the submittal of a pump test prior to issuance of a certificate. In some cases, the permit holder may qualify for a multiple well exemption or an unreasonable burden exemption.

For additional information regarding pump tests see:

<https://www.oregon.gov/OWRD/programs/GWWL/GW/Pages/PumpTestProgram.aspx>

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

b. Has the pump test been previously submitted to the Department? **YES**

c. Is the pump test attached to this claim? **NO**

d. Has the pump test been approved by the Department? **YES**

e. Has a pump test exemption been approved by the Department? **NO**

**** Claims will not be reviewed until a pump test or exemption has been approved by the Department**

6. Measurement Conditions:

a. Does the permit, permit amendment, or any extension final order require the installation of a meter or approved measuring device? **NO**

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

7. Recording and reporting conditions:

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

However, as a municipality, water use is reported to the Department

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

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

a. Were there special well construction standards? **NO**

b. Was submittal of a ground water monitoring plan required? **NO**

c. Was submittal of a water management and conservation plan required? **YES**

d. Was a Well Identification Number (Well ID tag) assigned and attached **YES**

to the well?

WELL ID #	DATE ATTACHED TO WELL
L-145937	3/11/2022

e. Other conditions? **YES**

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

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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 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 use 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 permit extension order:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	9/23/1991		
BEGIN CONSTRUCTION (A)	9/23/1992	7/24/1989	Began construction of well
COMPLETE CONSTRUCTION (B)	10/1/2025	2000	Completed system improvements including above ground storage tank.
COMPLETE APPLICATION OF WATER (C)	10/1/2025	8/7/2020	Date of documented beneficial use of 0.20 cfs for this partial perfection request.

* 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)? **YES**

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

a. Did the Extension Final Order require the submittal of Progress Reports? **NO**

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

3. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement? **NO**

If "NO", items b through d relating to this section may be deleted. Items b through d were deleted.

4. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements? **NO**

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

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G. 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. Items 2 through 4 were deleted.

H. Additional notes or comments related to the system:

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9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
N/A – This is a municipal water distribution system.			

10. Sprinkler Information:

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
N/A – This is a municipal water distribution system.					

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Drip Emitter Information:

SIZE	OPERATING PSI	EMITTER OUTPUT (GPM)	TOTAL NUMBER OF EMITTERS	MAXIMUM NUMBER USED	TOTAL EMITTER OUTPUT (CFS)
N/A – This is a municipal water distribution system.					

12. Drip Tape Information:

DRIPPER SPACING IN INCHES	GPM PER 100 FEET	TOTAL LENGTH OF TAPE	MAXIMUM LENGTH OF TAPE USED	TOTAL TAPE OUTPUT (CFS)	ADDITIONAL INFORMATION
N/A – This is a municipal water distribution system.					

13. Pivot Information:

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
N/A – This is a municipal water distribution system.				

E. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)?

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If "NO", item 2 and 3 relating to this section may be deleted.

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If "YES" is it a:
Storage Tank
Bulge in System / Reservoir

OWRD YES
NO

Complete appropriate table(s), unused table may be deleted. Table 3 was deleted.

2. Storage Tank:

MATERIAL (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED
Steel	250,000	Above ground

F. 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. Items 2 through 4 were deleted.

2. Pump Information:

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Goulds	7CLC-5	N/A	Submersible	7-inch	7-inch

3. Motor Information:

MANUFACTURER	HORSEPOWER
CentriPro	50 Hp

4. 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)
50	48	308.2	(Component of operating pressure)	0.82

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5. Provide pump calculations:

$$Q_{\text{pump}} = \frac{(\text{Hp})(\text{conversion factor})}{(\text{lift} + \text{pressure}) \text{ total head in feet}} = \text{cfs}$$

Conversion factor:

Turbine & Submersible Pumps, 80% eff. $\frac{(550 \text{ ft lb/sec/Hp})(.80)}{(62.4 \text{ lb/cu ft})} = 7.04 \text{ ft}^4/\text{sec/Hp}$

Well #3

$$Q_{\text{pump}} = \frac{(50)(7.04)}{[308.2 + (48 * 2.54)]} = 0.82 \text{ cfs} = 367 \text{ gpm}$$

Note: Frictional losses in the well pump and pump column (upstream of the pressure measurement) assumed to be accounted for by the 2.54 ft/psi conversion factor (versus 2.31 ft/psi). Frictional losses in the transmission pipeline and additional lift downstream of the well discharge are a component of the pressure measured at the wellhead.

6. 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)
N/A			

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

7. Is the distribution system piped?

YES

If "NO" items 8 through item 13 may be deleted.

8. Mainline Information:

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
See map in Attachment 1 for various lengths of 4-inch, 6-inch, 8-inch, and 12-inch PVC water lines.			

**SECTION 4
SYSTEM DESCRIPTION**

Are there multiple POAs?

NO

If "YES" you will need to copy and complete a separate Section 4 for each POA.

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

Well #3

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A. Place of Use

1. Is the right for municipal use?

YES

If "YES" the table below may be deleted. *The table below was deleted.*

B. Groundwater Source Information (Well)

1. Is the appropriation from a well?

YES

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

2. Describe the access port (type and location) or other means to measure the water level in the well:

2-inch Schedule 40 PVC pipe for a 3/8-inch airline on the east side of the well, which is connected to a tank in the building.

3. If well logs are not available, provide as much of the following information as possible:

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
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See log for UMAT 5331 in Attachment 3

4. In addition to the information requested in item "3" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

(Log is attached)

C. Groundwater Source Information (Sump)

1. Is the appropriation from a dug well (sump)?

NO

If "NO", items 2 through 4 relating to this section may be deleted. *Items 2 through 4 were deleted.*

Reminder: Construction standards for sumps can be found in OAR 690-210-0400.

D. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of appropriation to the place of use.

1. Is a pump used?

YES

If "NO" items 2 through item 6 may be deleted.

6. Claim Summary:

POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
Well #3	0.39 cfs	0.82	0.20 cfs*	Municipal	N/A	N/A

*Refer to Item 5 (Variations) in this section, and documentation in Attachment 4. The amount of water appropriated under this permit is that in excess of 0.61 cfs, which is appropriated under Certificates 86502 and 86582.

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SECTION 3
CLAIM DESCRIPTION

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1. Point of appropriation name or number:

POINT OF APPROPRIATION (POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)
Well #3	UMAT 5331	N/A

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, or deepenings)

2. Point of appropriation source, if indicated on permit:

POA NAME OR NUMBER	SOURCE BASIN LOCATED WITHIN	TRIBUTARY
Well #3	Wildhorse Creek Basin	Umatilla

3. Developed use(s), period of use, and rate for each use:

POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	ACTUAL RATE OR VOLUME USED (CFS, GPM, OR AF)
Well #3	Municipal	N/A	Year round	0.20 cfs
Total Quantity of Water Used				0.20 cfs*

*Refer to Item 5 (Variations) in this section

4. Provide a general narrative description of the distribution works. This description must trace the water system from each point of appropriation to the place of use:

Groundwater is pumped from Well #3 using a submersible pump and transmitted through the municipal drinking water distribution system (see Attachment 1), which includes filling the City's reservoir.

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).

5. 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 three points of appropriation. The water user only developed one of the points." or "The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres.")

Partial Perfection. Permit G-11348 authorizes the use of up to 0.39 cfs from Well #3. The permittee has developed and beneficially used 0.20 cfs of water under this permit (88 gpm), which represents 51% of the permit. The permittee requests a partial perfection of this permit in the amount of 0.20 cfs with the residual 0.19 cfs to remain in the permit stage for subsequent development by the permittee.

Place of Use. The place of use shown on the COBU map differs from that listed on Permit G-11348 because the place of use has been limited to the area corresponding to the City Limits and Urban Growth Boundary.

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**SECTION 2
SIGNATURES**

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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 Robyn Cook		PHONE NO. (971) 200-8505	ADDITIONAL CONTACT NO.
ADDRESS GSI Water Solutions, Inc., 55 SW Yamhill Street, Suite 300			
CITY Portland	STATE OR	ZIP 97204	E-MAIL rcook@gsiws.com

Permit Holder of Record Signature or Acknowledgement

Each permit 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
	Jeff Rost	Water Manager, City Councilor	06/01/2022

2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME City of Adams, Attn: Jeff Rost		PHONE NO. 541-566-9380	ADDITIONAL CONTACT NO.	
ADDRESS P.O. Box 20				
CITY Adams	STATE OR	ZIP 97810	E-MAIL Council5@cityofadamsoregon.us	

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 City of Adams				
ADDRESS P.O. Box 20				
CITY Adams	STATE OR	ZIP 97810		

ADDITIONAL PERMIT HOLDER OF RECORD N/A				
ADDRESS				
CITY	STATE	ZIP		

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4. Date of Site Inspection:

August 5, 2021

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Kelly Brady	8/5/2021	Water Operator
Jeff Rost	10/19/2021	City Council

6. County:

Umatilla

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 N/A				
ADDRESS				
CITY	STATE	ZIP		

Add additional tables for owners of record as needed

**CLAIM OF
BENEFICIAL USE
for Groundwater Permits
claiming more than 0.1 cfs**



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.**

A separate form shall be completed for each permit.

In cases where a permit has been amended through the permit amendment process, a separate claim for the permit amendment is not required. Incorporate the permit amendment into the claim for the permit.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
<https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>

The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.

A claim of beneficial use includes both this report and a map. If the map is being mailed separately from this form, please include a note with this form indicating such.

If you have questions regarding the completion of this form, please call 503-986-0900 and ask for the Certificate Section.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see
<https://www.oregon.gov/OWRD/programs/WaterRights/RA/Pages/default.aspx>

SECTION 1

GENERAL INFORMATION

1. File Information:

APPLICATION # G-11971	PERMIT # (IF APPLICABLE) G-11348	PERMIT AMENDMENT # (IF APPLICABLE) T-
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