

AUG 23 2016

# Oregon Water Resources Department

SALEM, OR

## Municipal Reclaimed Water Registration Form

A water use permit may not be required if the water being used is reclaimed water as defined in ORS 537.131 and the reclaimed water use is both authorized by the Oregon Department of Environmental Quality (DEQ) and registered with Oregon Water Resources Department (WRD)(ORS 537.132). Currently there is no fee for registering.

Complete and send this Registration Form to the DEQ permit writer managing the wastewater treatment facility discharge permit. DEQ will review and sign this Registration Form prior to sending it on to WRD in Salem. A response letter will be sent by WRD to all parties within 60 days of receipt.

Instructions are available to guide you. If you need assistance, please call 503-986-0900 and ask for the "Water Reuse Coordinator" or contact the local watermaster in your county. Insert "N/A" if the requested information does not apply to your situation.

### 1. Name of "Registrant". Who will use the reclaimed water?

Name of Reclaimed Water User: West Extension Irrigation District (WEID)

County where reclaimed water use will occur: Umatilla and Morrow counties

Mail Address: P. O. Box 100 Irrigon OR 97844  
Street/P.O. Box City State Zip

Daytime Telephone: (541) 922-3814 E-mail: bbridge@oregontrail.net

### 2. Does the reclaimed water user own the land where the use will occur?

YES  NO If no, provide the landowner's name and contact information.

Landowner Name: Water will be used on lands within and part of the WEID

Mail Address: \_\_\_\_\_  
Street/P.O. Box City State Zip

Daytime Telephone: \_\_\_\_\_ E-mail: \_\_\_\_\_

### 3. Are there existing water rights on the same land where the use will occur?

YES (provide information below)  NO

Application No. \_\_\_\_\_ Permit No. \_\_\_\_\_

Certificate No. see attached list Decree vol. & pg. \_\_\_\_\_

Will the reclaimed water be used instead of existing water rights OR used to supplement the continued use of the existing water rights? Water will supplement the existing rights.

AUG 23 2016

**4. Has DEQ issued a Municipal Wastewater Treatment Facility Discharge Permit authorizing the use of reclaimed water? (If yes, provide permit number)** SALEM, OR

YES NPDES Permit No. 101294 or WPCF Permit No. \_\_\_\_\_

Permit Effective Date: 8/9/2016 Permit Expiration Date: 7/31/2021

DEQ Region: (Check one)  Northwest Region  Eastern Region  Western Region

NO Permit application was submitted to DEQ, but not yet issued.

NO Permit application has not been submitted to DEQ.

**5. Who is treating and supplying the reclaimed water to the user?**

Name of Supplier: City of Hermiston Telephone No. (541) 567-5521

Treatment Facility Name: Hermiston WWTP Telephone No. (541) 567-5272

Mail Address: 2205 N. 1st Place Hermiston OR 97838  
Street/P.O. Box City State Zip

**6. Which water provider supplies potable municipal water to the city/community that produces the sewage entering the treatment facility?**

Municipal Water Provider: City of Hermiston Telephone No. (541) 567-5521

Source(s) of Municipal Water: Groundwater  
(stream name, groundwater, and/or reservoir name)

**7. Will the use of reclaimed water occur inside or outside the water service boundaries of the potable municipal water provider identified above in Question 6?**

INSIDE  OUTSIDE

**8. What is the length in years of the agreement/contract between the reclaimed water user and the reclaimed water supplier? N/A**

*Describe any conditions in the agreement that limit use of the reclaimed water.*

Use is perpetual, contingent upon water meeting Class A standards. Use of water will not affect WEID's ag exemption under the Clean Water Act.

**9. Please describe the transmission system that delivers reclaimed water from the wastewater treatment facility to the place of reclaimed water use.**

Pumps - 30 hp/2200 gpm, (2) 15 hp/1100 gpm each, 100 hp 1400 gpm. Water pumped into pipeline for delivery to WEID canal - 18" DIP 360', 24" HDPE 7550', 18" HDPE 1800'.

*(Include type of construction of diversion works/pump capacity, length and dimensions of supply ditches/ pipelines)*

AUG 23 2016

**10. What is the Intended Use(s) of Reclaimed Water?**

Irrigation

SALEM, OR

*(irrigation, aquifer recharge, wetlands, industrial, cooling, aquifer storage & recovery, etc.)*

Irrigation Total Acres: 9235 What type of crop? alfalfa, pasture, corn, melons, legumes  
*(hay, pasture, golf course, wood fiber, etc.)*

What is the irrigation application system? Flood, center pivot, handlines, wheel line, microsprinkler  
*(flood, center pivot, wheel line, drip, micro-sprinklers)*

How much Reclaimed Water will be used? 600 - 2000 gpm, currently averaging 1.2 mgd  
*(cubic feet per second, OR gallons per minute)*

Date use began or will begin: 8/16/16 Period of use (month/day): from 4/1 to 10/31

**11. What are the water user's motivations to use reclaimed water?**

- My existing water rights are "junior" and not always reliable.
- Another water source is available, but reclaimed water is less expensive.
- Reclaimed water is the only source available and enables the use listed in Question 10.
- Reclaimed water allows a WRD transfer of existing water rights to a different location.
- Reclaimed water use reduces demand on the local municipal water supply.
- To assist the treatment facility in meeting DEQ regulatory permit requirements.
- To recharge the aquifer or store water in the aquifer for future recovery.
- Other (describe): Joint effort between the City of Hermiston, WEID, BOR

**12. Describe the historic reclaimed water disposal method.**

A) Into which stream was the reclaimed water discharged? Umatilla River

B) Has the reclaimed water been discharged into the stream for 5 or more years?

YES  NO

C) Where did the treated wastewater historically enter the stream?

Umatilla River mile 5.4, previously land applied at times  
*(Township, Range and Section, or distance from landmark, or river mile, or Lat/Long)*

D) Does the amount (rate in gpm or cfs) of reclaimed water proposed for use under this registration represent more than 50% of the total average annual flow of the stream?

YES  NO  UNKNOWN

Source of information used to answer this? Umatilla Hydromet

**13. Is the required map attached showing the reclaimed water transmission system and place of use?**  YES  NO (If No, please prepare and attach map).

The Registration Form is not complete without an adequate map.  
 See map requirement explanation on page 4.

AUG 23 2016

**14. MAP REQUIREMENTS:**

SALEM, OR

This registration must be accompanied by a map, or maps, to show the location of the wastewater treatment facility, location of reclaimed water transmission system (pipelines, canals, etc.) and the place of reclaimed water use. Features of the map(s) should include the following:

- A north arrow.
- Drawn to scale at not less than 4" = 1 mile, with the scale identified.
- Township, Range, Section, Quarter-Quarters, and tax lot number(s).
- Place of use shown by Quarter-Quarter section with shading or diagonal lines.
- Acres, if land application, per Quarter-Quarter section (approximate if not certain).
- Location of main canals or pipelines to and within the reclaimed water use area.
- Streams and roads identified if they cross through the map.
- Other obvious features that would help someone in the field locate the place of use.
- A legend.

*\*A map showing the wastewater treatment facility, transmission system, and place of use at a scale of 4" = >1 mile is fine only if a second map is provided showing the place of use at not less than 4" = 1 mile.*

**15. ADDITIONAL COMMENTS:** Provide additional information here or attach additional pages.

WEID System map attached.

**16. Signatures of Registrant and Reclaimed Water Supplier:**

*I/We certify that the information provided in this Registration Form is an accurate representation of the proposed reclaimed water use to the best of my knowledge:*

Registrant Printed Name: Beverly J. Bridgewater Title: Manager

Registrant Signature: Beverly J. Bridgewater Date: 8/15/16

Supplier Printed Name: Byron D. Smith Title: City Manager

Supplier Signature: Byron D. Smith Date: 8/15/16

**NOTE:** Once completed and signed, keep a copy and send this form to the DEQ permit writer responsible for the wastewater treatment facility permit. DEQ will sign and forward the form to WRD in Salem. A response letter will be sent by WRD to all parties within 60 days.

**This section is to be completed by DEQ**

RECEIVED BY OWRD

**17. Signature of DEQ Water Quality Manager:**

AUG 23 2016

Date registration form received at DEQ: 8-15-16

SALEM, OR

Pursuant to ORS 537.132 DEQ has:

- a) Authorized the use of reclaimed water (referred to by DEQ regulations as "recycled water") as evidenced by the NPDES or WPCF permit issued and described below.

Permit Number: 101294 DEQ File Number: 38212

Printed DEQ Permit Writer's Name: DUANE SMITH

Mail Address: 800 SE. EMERSON PENDLETON OR 97801  
Street/P.O. Box City State Zip

Telephone: 541-278-4607 E-mail: smith.duane@deq.state.or.us

- b) Consulted with State Department of Fish and Wildlife and determined this use of reclaimed water shall not have a significant negative impact on fish or wildlife.

ODFW contact name: BILL DUKE

ODFW contact phone number: 541-276-2344

- c) Determined the use of reclaimed water is intended to improve the water quality of the receiving stream.

The reclaimed water is (e.g. too warm for salmonids): REUSE REMOVES

DISCHARGE FROM RECEIVING STREAM WHEN TEMPERATURE STANDARDS CAN NOT BE MET.

I certify the provisions of ORS 537.132(1)(a)(b) and (c) for this application are satisfied.

[Signature]  
DEQ Water Quality Manager Signature

Date 8-18-2016

DON BUTCHER  
DEQ Water Quality Manager's printed name

Once signed by DEQ, this completed form is to be sent to:

Oregon Water Resources Department  
C/O Water Reuse Coordinator  
725 Summer St. NE, Suite A  
Salem, OR 97301-1266



## West Extension Irrigation District

RECEIVED BY OWRD

P. O. Box 100; Irrigon, OR 97844-0100  
541-922-3814 (ph) 541-922-9775 (fax)  
[bbridge@oregontrail.net](mailto:bbridge@oregontrail.net)

AUG 23 2016

August 15, 2016

SALEM, OR

### WEST EXTENSION IRRIGATION DISTRICT LIST OF WATER RIGHTS

Certificate	Priority Date	Acres	Diversion	Irrigation P/S	Other Right
79924 Umatilla Decree	April 14, 1893	1369.90	Three Mile Dam	Primary	Livestock
79925 Umatilla Decree	1906	347.10	Three Mile Dam	Primary	Livestock
79926 P-408 C-10142	March 28, 1909	4121.70	Three Mile Dam	Primary	
79927 P-27941	March 6, 1962	20.0	Three Mile Dam	Primary	
79928 P-33883	Sept. 12, 1968	3248.10	Three Mile Dam	Primary	
79929 P-33883	Sept. 12, 1968	8516.60	Columbia River	Supplemental	
79930 P-33883	Feb. 26, 1969	128.0	Three Mile Dam	Primary	

# Reclaimed Water Registration Checklist

RM (assigned by Kerri) - 209 County umatilla + Morrow Registrant (User of Water) West Extension Irrigation District  
Place of Use: Township \_\_\_\_\_ Range within the Irrigation District Boundary Section 4 QQ's \_\_\_\_\_  
Amount 1.86 CFS use Irrigation Acres (if for IR) 9235 WM Dist. # 5  
Supplier City of Hermiston DEQ Muni WW Permit # (Source) 101294 (NPDES)  
Point of Diversion: Township 4N Range 28E Section 4 QQ NE NE  
Contract Length in Years un-ending  
Agent (if any) N/A

Property ownership: Does the Registrant own all the land for the proposed project? (Y) / N

If No:

The affected landowner's name and mailing address must be listed

The **map** must meet the following minimum requirements.

- Township, Range, Section
- Streams and road identified if they cross through the map
- Place of use, 1/4-1/4's and tax lot clearly identified
- Even map scale not less than 4" = 1 mile (1" = 1320 ft.)
- Location of *each* diversion point (WW Treatment Plant)
- North Directional Symbol
- Number of acres per 1/4-1/4 if for irrigation, nursery, or agriculture
- Legend

\*A map showing the wastewater treatment facility, transmission system, and place of use at a scale of 4" = >1 mile is fine **only** if a second map is provided showing the place of use at not less than 4" = 1 mile.

Signature of *all* Registrants and Reclaimed Water Supplier

DEQ section (17) is completely filled out and signed.

Existing Water Rights

**\*Do not send registration back to applicant if it is not complete, ALL registrations go to Kerri Cope.**

Reviewed by: KHC Date: 9/2/16

\*Remember there is no fee for Reclaimed Water Registrations

AUG 23 2016

SALEM, OR

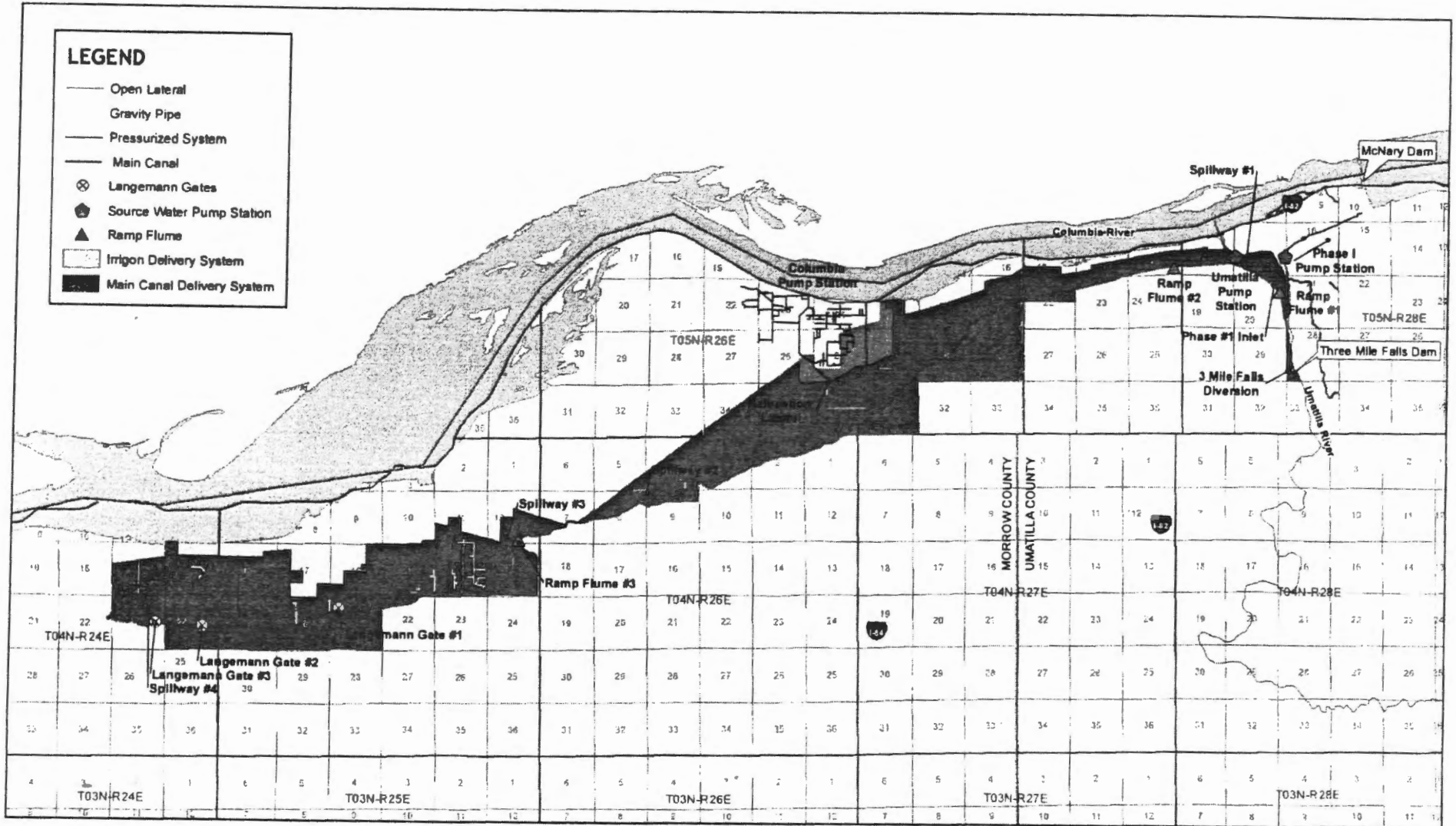


FIGURE 3 - WEID SYSTEM MAP







**Oregon Water Resources Department  
Water Rights Mapping Tool**

- Main
- Help
- Return
- Contact Us

2205 N 1st Place, Hermi

**Search**

Identify Non-Water Right Features

Distance: 1 Feet

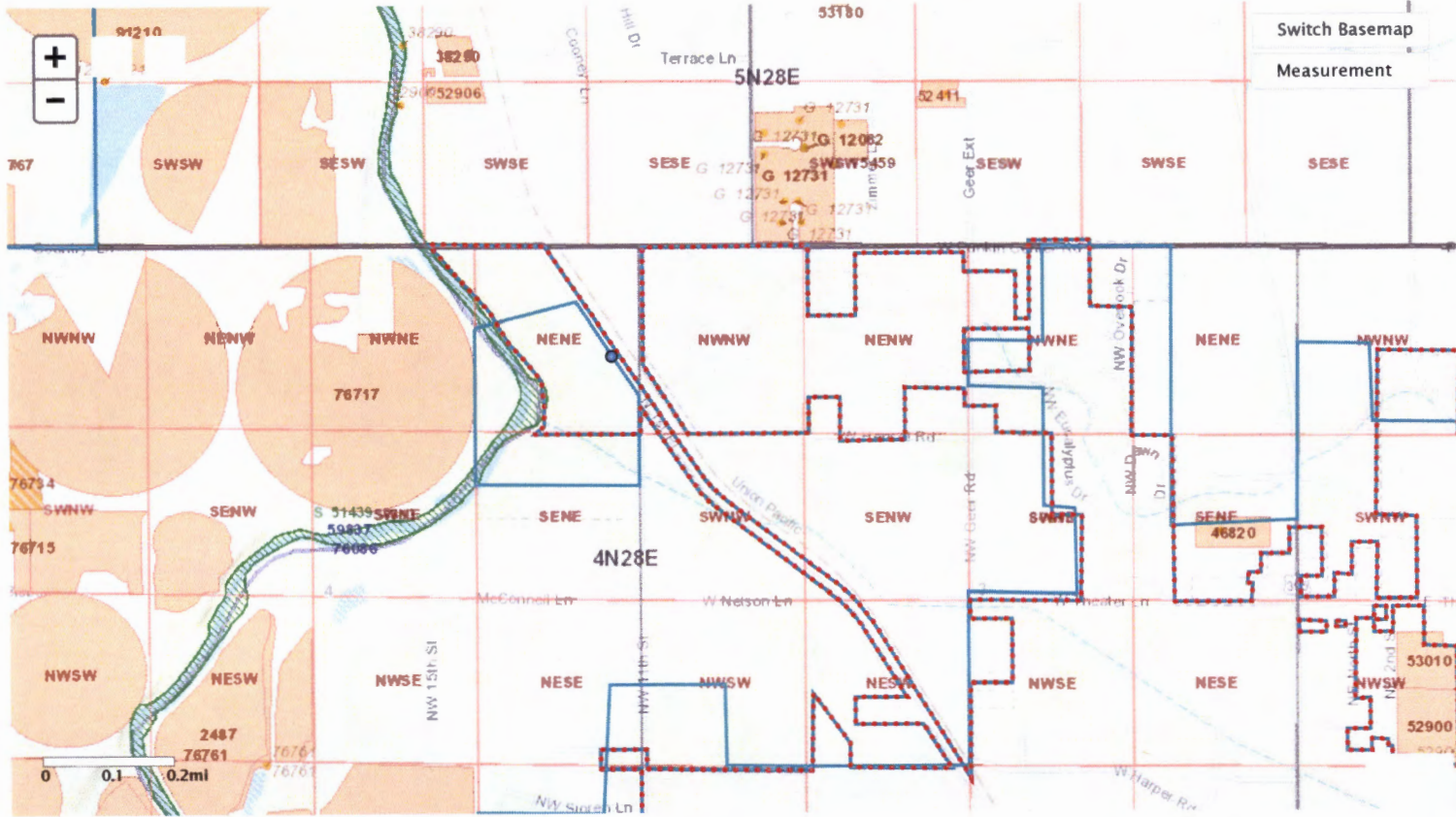
General	Rules	Hyd
OWRD	-	-
Streamcode:	-	-
Waterbody Name:	-	-
HUC 10:	1707010313	-
HUC Watershed:	Hunt Ditch-Umatilla	-
WAB Wshed Order:	1	-
WAB Analysis:	UMATILLA R > C - AT MOUTH	-
Streamflow:	OWRD Opportun good ODFW Needs: Hi Combined Priori resources priorit	-
Gaging Station Data:	-	-

Tax Lots

Tools

Layers

Bookmarks



POD	POU	Irrigation Districts AOI	WR By Time										
All Fields Search...													
#	ID (select)	WRIS	Zoom	Water Right	Water Type	First Name	Last Name	Company	Use Desc.	Priority Date	Supp.	Application	Permit
1	7497	<a href="#">(Details)</a>	<a href="#">Map WR</a>	Permit: S 40601 * MU	SW	RICK	BICKNELL	CITY OF HERMISTON	MUNICIPAL USES	01/02/1976 -	S 53827	S 40601	S 40601
2	24542	<a href="#">(Details)</a>	<a href="#">Map WR</a>	Cert: 19619 OR * MU	GW	RICK	BICKNELL	CITY OF HERMISTON	MUNICIPAL USES	06/03/1949 -	U 310	U 282	U 282
Record ID: 42114													



Imagery ©2016 Google, Map data ©2016 Google 500 ft