

Oregon Water Resources Department **OWRD**

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: George and Marcia Gover

County where reclaimed water use will occur: Baker

Mail Address: 46181 Gover Road/P.O. Box 881, Halfway, Oregon 97834

Street/P.O. Box

City

State

Zip

Daytime Telephone: (541) 540-2804

E-mail: george.gover@yahoo.com

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: Same as Registrant

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. S 33407

Permit No. 26491

Certificate No. 88921, 88923, 88924

Decree vol. & pg. 11-235

Will the reclaimed water be used **instead of** existing water rights OR used to **supplement** the continued use of the existing water rights? Supplement

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

YES NPDES Permit No. 101795 or WPCF Permit No. N/A

Permit Effective Date: 8/28/2007 Permit Expiration Date: 2/1/2019

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 Halfway Telephone No. (541) 742-4741

Treatment Facility Name: Halfway WWTF Telephone No. (541) 742-4741

Mail Address: 155B East Record Street/P.O. Box 738, Halfway, Oregon 97834
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 Halfway Telephone No. (541) 742-4741

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? 100

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

For the sole purpose of crop irrigation, not offered for domestic or potable use, not intended for direct human consumption or growing crops for human consumption.

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

See Attachment A.

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

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

Irrigation

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

Irrigation Total Acres: 97 What type of crop? Pasture (hay, pasture, golf course, wood fiber, etc.)

What is the irrigation application system? Center pivot (flood, center pivot, wheel line, drip, micro-sprinklers)

How much Reclaimed Water will be used? 650 gpm (cubic feet per second, OR gallons per minute)

Date use began or will begin: 2018 Period of use (month/day): from March 1 to Oct. 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): Facilitate irrigation over the duration of the growing season.

12. Describe the historic reclaimed water disposal method.

A) Into which stream was the reclaimed water discharged? Winter discharge to Pine Creek

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?

T8S, R46E, Section 16

(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? Discharge data compared to historic stream flow data

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.

14. MAP REQUIREMENTS:

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.

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**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.

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: George Gover Title: Owner

Registrant Signature: *George Gover* Date: 3/30/2018

Supplier Printed Name: Page Frederickson Title: Public Works Director

Supplier Signature: *Page Frederickson* Date: 3-30-2018

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

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17. Signature of DEQ Water Quality Manager:

Date registration form received at DEQ: 9/3/18

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: 101795 DEQ File Number: 36156

Printed DEQ Permit Writer's Name: Duane Smith

Mail Address: 800 SE Emigrant Ave Suite 360 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: Tim Bailey

ODFW contact phone number: 541-963-2138

- 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): _____

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

[Signature] Date 2-1-2019
DEQ Water Quality Manager Signature

Eric W. Nigg
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

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City of Halfway, Oregon
Wastewater System Improvements - 2016
Municipal Reclaimed Water Registration Form
Attachment A

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

A duplex effluent pump station with two 150 gallons per minute (gpm) vertical turbine pumps at the wastewater treatment facility transfers recycled water via a 7,200 lineal foot 6-inch diameter forcemain to the 90 acre-foot irrigation storage pond. Drawing from the pond, the irrigation pump station supplies recycled water to the center pivot via a 650 gpm centrifugal pump and 2,100 feet of 8-inch diameter forcemain.

HEINS Pat

From: BAILEY Timothy D
Sent: Wednesday, October 31, 2018 4:22 PM
To: HEINS Pat
Subject: RE: Consult on recycled water use near City of Halfway

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Pat,

I don't think that the proposed irrigation practice will have a significant negative impact on fish or wildlife.

Tim Bailey
La Grande District Fish Biologist
Oregon Department of Fish and Wildlife
107 20th Street
La Grande, OR 97850

From: HEINS Pat
Sent: Wednesday, October 31, 2018 4:00 PM
To: BAILEY Timothy D
Subject: Consult on recycled water use near City of Halfway

Tim,
As we discussed on the phone this afternoon, I am sending you a copy of the water treatment criteria we have for each class of recycled water. The City of Halfway is proposing to create a Class D recycled water to irrigate pasture land indicated on the attached map (the area in yellow). Please look this over and let me know if you feel this irrigation practice will have a significant negative impact on fish or wildlife.
They currently are only allowed to discharge to Pine Creek from November 1 through May 31. From June 1 through October 31 they store their effluent and irrigate a smaller area that was approved a number of years ago.
Please let me know if you have any questions on this.
Thank you for your help.

Pat Heins
Oregon DEQ
State Biosolids & Water Reuse Coordinator
700 NE Multnomah St., Suite #600
Portland, OR 97232
503-229-5749