

**FORM  
2MRW**

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION**  
707 N. Robinson Ave., P.O. Box 1677  
Oklahoma City, OK 73101-1677  
(405) 702-8100

**Application For Permit to Supply  
Non-Potable Reclaimed Water**

*(All items of this form must be completed with pertinent and accurate information before it can be submitted)*

**A. TYPE OF PERMIT REQUESTED**

- NEW APPLICATION
- RENEWAL      Water Reuse Permit No: RW \_\_\_\_\_ Facility ID No: \_\_\_\_\_
- MODIFICATION      Water Reuse Permit No: RW \_\_\_\_\_ Facility ID No: \_\_\_\_\_

**B. APPLICANT INFORMATION**

**1. Name of the Applicant:** \_\_\_\_\_  
(operator/supplier/permittee)

**2. Address of the Applicant:**  
Mailing Address \_\_\_\_\_  
City \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Telephone \_\_\_\_\_ Fax \_\_\_\_\_  
E-mail Address \_\_\_\_\_

**3. Name of Wastewater Treatment Facility Owner, if different from Applicant** \_\_\_\_\_

**4. Name and Address of Wastewater Treatment Facility:**  
Facility Name \_\_\_\_\_  
Street Address \_\_\_\_\_  
City \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Telephone \_\_\_\_\_ Fax \_\_\_\_\_  
E-mail Address \_\_\_\_\_

**5. Location of Wastewater Treatment Facility** (e.g., NE ¼, SW ¼, SE ¼, Section 1, Township 2 N, Range 3 W):

Legal location of the facility \_\_\_\_\_ ¼, \_\_\_\_\_ ¼, \_\_\_\_\_ ¼

Section \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_

Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

6. **Type of Ownership:**       Public               Private               Federal               State

7. **Contact Person of the Treatment Facility:**

Name and Title \_\_\_\_\_

Mailing Address \_\_\_\_\_ City \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_ Telephone \_\_\_\_\_

Fax \_\_\_\_\_ Cell Phone \_\_\_\_\_

E-mail Address \_\_\_\_\_

**C. TREATMENT FACILITY AND RECLAIMED WATER INFORMATION**

1. **Design Average Daily Influent Flow to the Treatment System** \_\_\_\_\_ gallons per day (GPD)

2. **Number of Subscribers Served by the Treatment System** \_\_\_\_\_

3. **Type of Treatment System**

A. Total retention lagoon system

Number of primary lagoon cells \_\_\_\_\_, Number of storage lagoon cells \_\_\_\_\_

Lagoon Information:

Lagoon ID <sup>a</sup>	Evaporative Surface Area of Cell		Depth of Water (feet)	Inner Dike Slope	Water Volume (cubic feet)
	Length (feet)	Width (feet)			
Primary Cell-1					
Primary Cell-2					
Storage Cell-1					
Storage Cell-2					
Storage Cell-3					

<sup>a</sup> Use separate sheet(s), if you have more lagoon cells.

B. Mechanical plant

C. Other (please specify) \_\_\_\_\_

4. **Reclaimed Water and Supply System Information:**

a. Category of reclaimed water to be supplied (See OAC 252:656 Subchapter 27 and OAC 252:627 for details)

Category 2               Category 3               Category 4               Category 5

b. Approximate quantity of reclaimed water to be supplied \_\_\_\_\_ GPD.

c. Is reclaimed water disinfected before distribution for reuse?  Yes  No

If yes, specify disinfection method used for reclaimed water:

A. Chlorine or any other halogen system

B. Ultraviolet (UV) system

C. Other (please specify) \_\_\_\_\_

d. DEQ construction permit and construction date of approval of **supplier's** reclaimed water system:

Construction permit no: \_\_\_\_\_, Approval date: \_\_\_\_\_

e. Location of sampling point on supplier's side for reclaimed water:

Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

5. Attach a **site plan** for the reclaimed water supply system on the supplier's side, including any additional treatment given to the reclaimed water prior to reuse, showing sampling points and flow measuring device for each water reuse site.

#### D. USER AND USAGE INFORMATION OF RECLAIMED WATER

(Section D must be submitted for **each user** of reclaimed water. Make copies as needed for additional users. Also, submit a signed copy of the supplier/user's agreement for each user, see OAC 252:656-27-2(d))

1. **Name of the User:** \_\_\_\_\_

2. **Contact Person for the User:**

Name and Title \_\_\_\_\_

Mailing Address \_\_\_\_\_ City \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_ Telephone \_\_\_\_\_

Fax \_\_\_\_\_ Cell Phone \_\_\_\_\_

E-mail Address \_\_\_\_\_

3. **Reclaimed Water and User's Distribution System Information**

a. DEQ construction permit and construction date of approval for water reuse by the User:

Construction permit no: \_\_\_\_\_, Approval date: \_\_\_\_\_

b. Point of entry of reclaimed water at the user's site:

Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

c. Describe storage facility of reclaimed water at the reuse site(s):

\_\_\_\_\_  
\_\_\_\_\_

d. Description of the water reuse activity:

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**4. Water Reuse Site Information**

a. Is site's access controlled using required fences along each side of the water reuse site(s)?  Yes  No

b. Are there required signages posted on the perimeter of each water reuse sites to control trespassing?  
 Yes  No If Yes, describe the signs:

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c. Is there any cautionary sign, with "CAUTION: RECLAIMED WATER - DO NOT DRINK" on all valves, outlets and appurtenances in the distribution system of reclaimed water?  Yes  No If Yes, describe:

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d. Are there any flow measuring devices to measure the flow of water reuse at each water reuse site?  
 Yes  No If Yes, enter name and type of flow measuring devices:

Site-1: \_\_\_\_\_ Site-2: \_\_\_\_\_

Site-3: \_\_\_\_\_ Site-4: \_\_\_\_\_

Site-5: \_\_\_\_\_

e. Water reuse site location and activity:

(Fill out all columns of your individual water reuse site, use site ID using the letter R followed by two digits for each water reuse site (e.g. R01, R02).

Site ID	Site Activity (Soccer field, golf field, pastureland)	Legal Location (¼, ¼, ¼, Section, Township, Range)	Sampling Point (Latitude & Longitude)	Total Site Area (Acres)	Net Irrigated Area (Acres)	Type of Ground Cover/Crop	Irrigation Methods (gun, center pivot, fixed sprinkler, etc.)

- f. Is there 100 feet buffer available between permitted site boundary and the edge of the wetted perimeter of the irrigated area?      Yes             No
- g. Are there any public wells within 300 feet measured from the edge of the wetted perimeter of the irrigation area to the edge of public wells?      Yes             No
- h. Are there any private wells within 50 feet measured from the edge of the wetted perimeter of the irrigation area to the edge of public wells?      Yes             No
- i. Is there 50 feet separation distance measured from the edge of the wetted perimeter of the irrigation area to the edge of any waters of the State (such as creeks, lakes, ponds, and other waters of the State)?      Yes      No
- j. Is there 100 feet separation distance measured from the edge of the wetted perimeter of the irrigation area to the edge of any private property lines?      Yes             No
- k. Final use of any crop:  


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- l. Attach supplier-user agreement between the supplier and each user of the reclaimed water.  
(The agreement shall be according to OAC 252:627-1-3(c) (4)).

**5. Site Plan for Water Reuse Site**

Attach a site plan for each user indicating the area(s) exposed to the reclaimed water. The site plan should include:

- (1) Sampling Points
- (2) Streams, lakes, ponds, drainage ditches, and wetlands within 1 mile
- (3) Distance to nearest residence (miles)
- (4) Access road to sites
- (5) Location of private water wells within 50 feet of site
- (6) Location of public wells within 300 feet of site
- (7) Location of on-site pipelines and easements
- (8) Location of on-site producing oil and gas wells and drilling sites
- (9) Show the 100-year flood plain and any flood ways
- (10) Identify and show location of buffer zone (minimum 100-feet)

**6. Operation and Maintenance for the Reclaimed Water Supply and Distribution System**

a. Describe Flushing Plan:

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b. Operation Plan:

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c. Describe the Emergency Response Plan:

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**E. DEQ LANDOWNER NOTIFICATION AFFIDAVIT**

1. Is any part of the land on which the supplier’s facility is located (including treatment units, reclaimed water supply system, stormwater holding basins, and/or flow equalization basins) owned by a person or entity other than the applicant?

No

Yes - The applicant or applicant’s certifying official must ensure such landowner(s) have been notified of the applicant’s intent to obtain a permit to supply reclaimed water and **initial the box** to the right indicating that such notification has been made. The basis for this requirement is 27A of the Oklahoma Statutes, § 2-14-103(9), as described in OAC 252:004-7-13(b). DEQ Form 100-810 shall be used for this purpose and is available on the DEQ webpage.



\*Note: Please mail the completed landowner notification affidavit form to DEQ (see instructions of Form 100-810)

2. Enter any other information that should be brought to the attention of the Oklahoma Department of Environmental Quality (DEQ) regarding the issuance of a permit to supply reclaimed water.

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**F. CHECKLIST**

Completed Application Form must include the following documents:

- Site plan for **Supplier’s** reclaimed water supply system (see section C.5).
- Site plan for each **User’s** reclaimed water supply system (see section D.5).
- Supplier/User agreement between the supplier and **each** user (see section D.4.1).
- Landowner notification if applicable (see section E.1). Use Form 100-810: Landowner Notification Form available on the DEQ web page.

**For new application:**

- Public notice of application filing with DEQ.

**Note:** No application fee is required for new or renewal water reuse permit.

