Robert Singletary
Executive Director

OKLAHOMA Environmental Quality

Kevin Stitt
Governor

October 29, 2026

The Honorable June Hall, Mayor
c/o Susan Will, Operator
Town of Oktaha
P.O. Box 28
Oktaha, OK 74450

Re: DEQ Application for New Issuance, Permit to Supply Reclaimed Water No. RW26-003
Reclaimed Water User ID No. RWID26-002, Facility ID No. S20439
Oktaha Wastewater Treatment Facility, Muskogee County, Oklahoma

Dear Mayor Hall:

The Oklahoma Department of Environmental Quality (DEQ) has been granted authority to issue permits for the disposal of pollutants in the State of Oklahoma subsequent to public notice. Pursuant to 27A OS § 2-14-302, we are enclosing a Public Notice of Draft Permit that the applicant must review for accuracy and publish in at least one daily or weekly newspaper local to the area affected by the proposed wastewater treatment/disposal facility. The public notice of draft permit must be published within **10 days** of receipt of this letter. After publishing the public notice, please collect a notarized proof of publication from the publisher and submit it to DEQ at kim.buichai@deq.ok.gov.

The public notice informs the public of where they can view supporting documents for the draft permit. For this reason, we are also enclosing two copies of the draft permit and fact sheet. One set is for your inspection, and the other set must be placed in the Oktaha Town Hall, 202 S Main Street, Oktaha, OK 74450, for viewing by the public. A copy of the application Form 2MRW, which you submitted and was received by DEQ on March 27, 2026, must also be placed at the above location for viewing by the public. If you need to obtain a copy of your application, please contact the Central Records Section of DEQ at centralrecords@deq.ok.gov.

The public comment period will end 30 days after the public notice of draft permit has been published in a newspaper local to the area where the facility is located or 30 days after DEQ publishes its statewide notice of draft permit, whichever occurs later. All comments and/or requests for a public meeting must be received by this date, unless extended for good cause by DEQ. If a request for a public meeting has been granted, the applicant will be notified and provided a copy of the request.

If you have any questions concerning this matter, please contact Mary Corkery at (405)702-8111.

Sincerely,

Michael B. Moe, P.E., Manager
Municipal Discharge and Stormwater Permits Section
Water Quality Division

MBM/MC/kb

Enclosures

Public Notice of Draft Permit
Publish this Page ONLY!

NOTE TO PUBLISHERS (not part of notice to be published): Oklahoma Department of Environmental Quality has no responsibility and assumes no responsibility for the cost of publishing this Public Notice of Draft Permit.

PUBLIC NOTICE OF ISSUANCE FOR DRAFT TIER II PERMIT

APPLICATION PERMIT TO SUPPLY RECLAIMED WATER NO. RW26-003

Notice is hereby given that the Oklahoma Department of Environmental Quality (DEQ) has issued a permit to supply reclaimed water to the **Town of Oktaha**, P.O. Box 28, Oktaha, OK-74450. The draft permit to supply reclaimed water is based on a Tier II reclaimed water application filed on March 27, 2026, for a new permit with DEQ. The **Oktaha Wastewater Treatment Facility** (WWTF), which is located in the E½, SE¼, SE¼ of Section 27, Township 13 North, Range 17 East, Indian Meridian, **Muskogee County**, Oklahoma, is a municipal facility that accepts domestic wastewater. The final permit to supply reclaimed water, if issued, would allow the Oktaha WWTF to supply treated municipal wastewater, also known as reclaimed water, from their wastewater treatment facility. The reclaimed water shall be used for irrigation of pastureland, located in the W ½, SW¼ of Section 26, Township 13 North, Range 17 East, Indian Meridian, Muskogee County, Oklahoma.

A copy of the draft permit to supply reclaimed water, fact sheet, application, and any other relevant documents may be reviewed at Oktaha Town Hall, 202 S. Main Street, Oktaha, OK 74450 by contacting Mayor June Hall at (918) 348-4873 or by email at junehall0911@gmail.com. A copy of the draft permit(s) may be reviewed on the DEQ website at https://oklahoma.gov/deq/permits/permit-assistance/permits-for-public-review.html.

Pursuant to 27A OS § 2-14-302, people wishing to make comments concerning the draft permit(s) may do so by sending comments in writing to the contact person for DEQ, at the address listed below, within 30 days after the date of publication or mailing. Comments should include: (1) name and address of the interested person, (2) the application name to which the request relates, (3) the nature and basis of the interest of the person affected, and (4) a statement of the objection or comment, the basis of the objection or comment, and any requested action by DEQ.

The contact person for DEQ, to schedule a date and time to review the draft permit(s) at the office of DEQ, is:

Kim Bui-Chai, Administrative Assistant
Oklahoma Department of Environmental Quality
P.O. Box 1677
707 N. Robinson, 8th Floor
Oklahoma City, OK 73101-1677
(405) 702-8238
Email: kim.buichai@deq.ok.gov

The contact person for the Town of Oktaha is:

Susan Will, Operator
Town of Oktaha
P.O. Box 28
Oktaha, OK 74450
(918) 617-9911

Pursuant to 27A OS § 2-14-302, people wishing to request a public meeting concerning the draft permit(s) may do so by filing the request in writing to the Contact Person for DEQ, at the address listed above, within 30 days after the date of publication or mailing. Requests for the public meeting should include: (1) name and address of the interested person, (2) the application name to which the request relates, (3) the nature and basis of the interest of the person affected, and (4) a statement of objection or comment, the basis of the objection or comment, and any requested action by DEQ. A copy of the request must also be sent to the applicant, through the contact person listed above. A formal public meeting may be scheduled if there is a significant degree of public interest. Notice of the date, time, and place of the public meeting will be given to all parties of record. A request for a public meeting may be combined with a submission of written comments.

If a public meeting is held, oral or written comments will be accepted at the meeting. DEQ shall, within 90 days of the date the public comment period closes (or longer if extended by the Executive Director of DEQ), issue responses to all public comments received.

Draft of October 19, 2026

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
PERMIT TO SUPPLY RECLAIMED WATER

PERMIT NUMBER: RW26-003
ID NUMBER: S20439

In compliance with the Oklahoma Pollutant Discharge Elimination System (OPDES) Act, Title 27A Oklahoma Statutes (OS) § 2-6-201 *et seq.,* as amended, and the rules of the Oklahoma Department of Environmental Quality (DEQ) promulgated thereunder (see the Oklahoma Administrative Code (OAC) 252:619, 252:627, and 252:656),

Town of Oktaha
P.O. Box 28
Oktaha, OK 74450

is hereby authorized to supply and reuse treated municipal wastewater, also known as reclaimed water, from Oktaha Wastewater Treatment Facility (TRL-5) located at approximately

Latitude: 35° 34' 06.35" N [GPS: NAD83]
Longitude: 95° 28' 58.84" W [GPS: NAD83]

for reuse of reclaimed water within the boundaries of the permitted water reuse site(s) located at approximately

W ½ , SW ¼ of Section 26, Township 13 N, Range 17 E
Indian Meridian (I.M.)
Muskogee County, Oklahoma

in accordance with the limitations, monitoring requirements, and other conditions set forth in Parts I and II hereof.

The reclaimed water shall be used solely for the purpose of irrigation at the permitted water reuse site, in accordance with applicable DEQ regulations.

This is a new permit.

The issuance date of this permit is Month Date, Year.

This permit shall become effective Month Date, Year.

This permit and the authorization to supply treated wastewater shall expire at midnight Month Date, Year.

For the Oklahoma Department of Environmental Quality:

Michael B. Moe, P.E., Manager
Municipal Discharge and Stormwater Permits Section
Water Quality Division

George Russell IV, Director
Water Quality Division

PART I. LIMITATIONS, MONITORING, AND REPORTING REQUIREMENTS FOR CATEGORY 5 RECLAIMED WATER

A. LIMITATIONS AND MONITORING REQUIREMENTS

Beginning the effective date and lasting through the expiration date of the permit, the permittee is authorized to supply Category 5 reclaimed water for reuse at the following water reuse sites:

1. Authorized Water Reuse Site

Site ID	Legal Description	Irrigation Method	Total Area (Acres)	Irrigated Area (Acres)
R01 [a]	W ½, SW ¼ of Section 26, Township 13 North, Range 17 East, I.M. Muskogee County, Oklahoma	Center pivot	49.9	37.6

[a] Owned by Jimmy Roper in accordance with the supplier-user contractual agreement; User ID No. RWID26-002.

2. Limitations and Monitoring Requirements

The Category 5 reclaimed water shall be supplied from the final cell of the total retention lagoon system for irrigation of pastureland, and the following limitations and monitoring requirements:

Site ID	Parameter	Monitoring Requirements [a]	Monitoring Frequency [b]	Sample Type	Monitoring Location
R01	Flow (gpd)	Record	Daily	Totalized	Pump Station

[a] When there is no supply of reclaimed water for the entire day, report "0" in the Monthly Operating Report (MOR) and write "No Supply" in the comment's column.

[b] In accordance with OAC 252:656-25-2(h), flow measurement for each water reuse site shall be accomplished by flow meters, or the calibration of pumps and installation of run-time meters. When no pumps are used, as with gravity flow lines, flow shall be calculated using the on and off times.

3. Prevention of Unauthorized Access to Water Reuse Site

The permittee shall ensure that all permitted water reuse site(s) are always completely fenced to prevent unauthorized access to the reuse site in accordance with OAC 252:627-3-4(a). Fences with locked gates are currently installed and shall be maintained at both the WWTF and Site R01.

4. Signage Requirements

The permittee shall comply with the following signage requirements:

a. All reclaimed water piping located outside the fenced water reuse area shall be identified with above-ground signs containing the language "CAUTION: RECLAIMED WATER - DO NOT DRINK" together with the international "Do Not Drink" symbol:

   i. every 300 feet.
   ii. at every change in direction.
   iii. in the road easement on both sides of the road at every road crossing; and
   iv. at every outlet.

b. All signs which describe the nature of the facility and advice against trespassing shall be posted on the perimeter of each permitted water reuse site(s). The required signage is currently posted and shall be maintained at the water reuse site.

B. RESTRICTIONS FOR USING RECLAIMED WATER

1. The permittee shall not irrigate with Category 5 reclaimed water:

   a. from a lagoon cell that receives raw sewage;
   b. from any cell other than the one specified in the permit;
   c. on any food crop that may be consumed raw;
   d. on grain crops such as corn, wheat and oats, less than 30 days before harvest;
   e. at rates that allow a discharge from the permitted water reuse site;
   f. within 100 feet of the permitted boundary of the site;
   g. at a rate that exceeds the nitrogen and phosphorus rates for the crop grown at the site;
   h. at a rate that results in phytotoxicity;
   i. when the reclaimed water has a dissolved oxygen concentration of less than 2.0 mg/L;
   j. during periods of precipitation or while the soil is saturated or frozen;
   k. on land having a slope greater than 5%; and
   l. where there are berms or other barriers on a water reuse site that would cause the pooling or ponding of reclaimed water at the water reuse site, nor shall any berms or barriers impede the natural flow of stormwater from the site.

2. The systems shall be designed to ensure that direct and wind-blown spray from irrigation systems and other sources are confined to the designated irrigation areas. Category 5 reclaimed water systems shall also be designed to comply with the following minimum buffer zones and setback distances, with all distances being measured from the edge of the wetted perimeter of the irrigation area to the edge of the following features:

   (1) 300 feet from public wells.
   (2) 50 feet from private water wells.
   (3) 50 feet from creeks, lakes, ponds, and other water of the state. and
   (4) 100 feet from adjacent property lines.

3. The permittee must obtain a permit to construct and a permit to supply reclaimed water from DEQ before supplying reclaimed water to any user(s) or sites not authorized in this permit. The permittee will provide information to DEQ on the intended use of the reclaimed water by the new user(s), and if applicable, information on specific land application site(s) demonstrating that the requirements of OAC 252:627-3-4 for Category 5 reclaimed water are met.

C. RECORDKEEPING OF MONITORING RESULTS, OPERATION, AND MAINTENANCE

1. **Monthly Operating Reports**

   a. The permittee shall complete DEQ Form 627-001 "Water Reuse System Monthly Operation Report" ("MOR") for each month for each reuse site in accordance with OAC 252:627-5-1(b). The permittee shall **retain MORs on site for 3 years**, as well as all records, including all maintenance records, and make them available for review by DEQ upon request in accordance with OAC 252:627-5-1(d) and (e).

b. The permittee shall complete DEQ Form 619-001 "Total Retention Lagoon Monthly Operation Report" ("MOR") for each month for each reuse site. The permittee shall **retain MORs on site for 3 years** and make them available for review by DEQ upon request in accordance with OAC 252:619-1-4(f).

2. **Record Keeping Requirements for Commercial Fertilizer**

The permittee shall keep a record of the commercial fertilizer applied at each site for the life of the permit in the following format. These records shall be made available to DEQ on request.

Site Name: _____

Date	Acres Fertilized	Composition of Fertilizer (Nitrogen, Phosphorus, Potassium)	Quantity of Fertilizer Applied (lb)

D. RE-OPENER CLAUSE

This permit may be reopened for modification and/or reissuance to require additional or more frequent monitoring, additional or more stringent limits, additional operational controls, or additional reporting and recordkeeping requirements where actual or potential threats to public health or the environment are determined to be the result of the permittee's operation of the water reuse system or where the water reuse system is not being properly operated and maintained in accordance with OCA 252:627. Modification and/or reissuance of the permit shall follow regulations listed at OAC 252:004.

PART II. OTHER PERMIT REQUIREMENTS

A. GENERAL PROVISIONS

The following general provisions for supply of reclaimed water (treated wastewater) must be met in accordance with OAC 252:656-27-2:

1. **Prohibition against cross connections**. Neither the supplier nor the user shall allow physical connections between the reclaimed water lines and the public water supply lines.

2. **Flow measuring devices**. The permittee shall provide flow measuring devices to measure the amount of reclaimed water being distributed to each water reuse site. Flow measurement devices shall have recording, totalizing and instantaneous indicating capabilities.

B. OPERATION AND MAINTENANCE OF THE DISTRIBUTION SYSTEMS

The distribution system for reclaimed water shall be operated and maintained in accordance with the following requirements:

1. **Piping**. All reclaimed water piping, valves, outlets and appurtenances in distribution systems shall be colored **purple** (Pantone 522) and shall be embossed or integrally stamped with a warning that includes the following:

   "CAUTION: RECLAIMED WATER – DO NOT DRINK"

   For all pipes, the warning shall be located on opposite sides of all pipes and repeated every 3 feet or less.

2. **Treated wastewater flushing system**. Reclaimed water distribution systems shall be designed with all appurtenances necessary to adequately flush the distribution system to prevent slime growth and the regrowth of pathogens. Flushing plans shall be maintained and followed for all reclaimed water distribution systems. The flushing system shall include provisions for disposal of flushed reclaimed water that prevent bypasses and discharges to waters of the state or elsewhere.

3. **Maintenance**. The permittee shall maintain the structural integrity of all parts of the reclaimed water distribution systems and maintain it in good working order.

4. **Pump station**. The permittee shall ensure that pump stations are properly maintained and operated by doing the following:

   a. Securing pump station(s) to prevent unauthorized access.
   b. Maintaining pump(s) in working condition.
   c. Keeping screen(s) free of debris to prevent clogging.
   d. Maintaining the required alarms in working order.
   e. Maintaining the required back-up generators and/or portable engine driven pumps in working order.
   f. Maintaining a complete set of operational instructions, emergency procedures and maintenance schedules.

FACT SHEET

(Draft of October 19, 2026)

FOR THE DRAFT AUTHORIZATION TO SUPPLY RECLAIMED WATER

Permit to Supply Reclaimed Water Number:	RW26-003
Permit to Supply User ID Number:	RWID26-002
Facility ID Number:	S20439
Applicant:	Town of Oktaha P.O. Box 28 Oktaha, OK 74450
Issuing Office:	Oklahoma Department of Environmental Quality Water Quality Division 707 North Robinson Ave P.O. Box 1677 Oklahoma City, OK 73101-1677
Prepared By:	Mary Corkery, Permit Writer Municipal Discharge and Stormwater Permits Section Water Quality Division
Date Prepared:	October 19, 2026
Reviewed By:	Michael B. Moe, P.E., Manager Municipal Discharge and Stormwater Permits Section Water Quality Division Patrick Rosch, P.E., Manager Municipal Wastewater Group Water Quality Division

The Oklahoma Department of Environmental Quality (DEQ) has made a tentative determination to issue a permit for the supply of treated wastewater, also known as reclaimed water, described in the application. DEQ is the permitting authority, and this permit will be enforceable under State laws, rules, and regulations. Permit requirements are based on the Oklahoma Pollutant Discharge Elimination System (OPDES) Act, Title 27A OS § 2-6-201 *et seq.,* and the Oklahoma Administrative Code (OAC) 252:656, OAC 252:627, and OAC 252:619.

I. PERMITTING BACKGROUND

A. CHRONOLOGY OF PERMITTING ACTIVITIES

The following is a chronology of permitting activities:

Month Date, Year:	Public notice of draft permit published by Applicant.
Month Date, Year:	Public notice of draft permit posted on DEQ website.
Month Date, Year:	Draft permit package sent to applicant for public notice.
September 28, 2026:	Draft permit package sent to applicant for courtesy review.
August 11, 2026:	Administrative review of permit application completed.
August 6, 2026:	Additional information received from applicant.
May 22, 2026:	Request for additional land application information.
April 27, 2026:	Site visit conducted.
April 23, 2026:	Certification of public notice of filing of application received.
April 8, 2026:	Notice of incomplete application sent to applicant.
March 27, 2026:	Application (Form 2MRW) permit to supply reclaimed water received.

B. PROPOSED PERMITTING ACTION

It is proposed that the permit to supply reclaimed water number RW26-003, for which application for new issuance was received, be issued for a five-year term in accordance with OAC 252:627-1-3(d). This proposed permit to supply reclaimed water supersedes the previously issued Construction Permits: STR000051190181 and SL000051190135, which were approved on March 15, 2019, by DEQ.

II. APPLICANT ACTIVITY

A. DESCRIPTION AND LOCATION OF WASTEWATER TREATMENT PLANT

The Oktaha Wastewater Treatment Facility (WWTF) – a total retention lagoon system with land application of Category 5 recalimed water (TRL-5), is owned and operated by the Town of Oktaha. The facility is located in the E½, SE¼, SE¼ of Section 27, Township 13 North, Range 17 East, Indian Meridian (I.M.), Muskogee County, Oklahoma, or at 8436 W 133rd St. S, Oktaha, OK 74450. Under Standard Industrial Classification (SIC) code 4952 or the North American Industry Classification System (NAICS) code 221320, this facility provides biological treatment of domestic sewage generated by the Oktaha Wastewater Treatment Facility using a facultative total retention lagoon system with a two-cell lagoon (one primary cell and one storage cell). Treated wastewater (also known as reclaimed water) is pumped from the final storage lagoon cell for reuse on one site. Based on the construction plans submitted by the applicant to DEQ, the evaporative surface area of the primary lagoon cell is approximately 1.65 acres, and the evaporative surface area of the storage lagoon cell is approximately 7.13 acres. The normal depth to bottom of the primary lagoon cells from the highest operating water level is 5 feet and the normal depth to bottom of the storage lagoon cells from the highest operating water level is 5 feet. The Oktaha Wastewater Treatment Facility's lagoon system currently serves 343 people based on 2020 census data. The facility's design average daily influent flow is 0.034 mgd

B. SUPPLY AND REUSE OF RECLAIMED WATER

The Town of Oktaha, the owner and operator of the WWTF, is the "supplier" and Jimmy Roper is the "user" of Category 5 reclaimed water (municipal wastewater after treatment and storage in the total

retention lagoon system). As the supplier of reclaimed water, the Town of Oktaha is considered as the permittee and is assigned the Permit to Supply Reclaimed Water Number **RW26-003**. As the user of reclaimed water, Jimmy Roper is assigned the Permit to Supply Reclaimed Water User ID Number **RWID26-002**. The Town of Oktaha supplies Category 5 reclaimed water to Jimmy Roper for water reuse on pastureland at site R01 in accordance with OAC 252:627 and OAC 252:656. The Town of Oktaha and Jimmy Roper entered into a supplier/user contractual agreement on August 4, 2026, for a period of 6 years.

Additional information regarding the use of reclaimed water, the location of the authorized water reuse site(s), monitoring requirements, and restrictions for the use of the reclaimed water are presented in Section III and IV of this fact sheet.

III. LOCATION OF POINT OF DELIVERY AND SAMPLING POINT

Point of Delivery for Reclaimed Water and Sampling Point

	General Location	Legal Description	Latitude	Longitude
Point of Delivery	Pivot Point	NE¼, SW¼, SW¼ of Section 26, Township 13 North, Range 17 East, IM Muskogee County, Oklahoma	35° 34' 11.38" N (GPS: NAD83[a])	95° 28' 47.33" W (GPS: NAD83[a])
Sample Point	Pump Station	NE¼, SE¼, SE¼ of Section 27, Township 13 North, Range 17 East, IM Muskogee County, Oklahoma	35° 34' 7.55" N (GPS: NAD83[a])	95° 28' 56.3" W (GPS: NAD83[a])

[a] The North American Datum of 1983.

IV. LIMITATIONS AND MONITORING REQUIREMENTS FOR WATER REUSE

A. GENERAL

The permitted uses of different categories of reclaimed water are described in OAC 252:627-1-6. Monitoring requirements for each category of reclaimed water are specified in Appendix A of OAC 252:627.

The permit to supply is based on Category 5 reclaimed water in accordance with OAC 252:627 and OAC 252:656. The Category 5 reclaimed water is land applied/reused at site R01 for irrigation of pastureland. The Town of Oktaha, as the permittee, is responsible for operation and maintenance of the permitted water reuse/land application sites. All water reuse sites must meet all the requirements of 252:656-27-3-4.

B. LIMITATIONS, MONITORING, AND RECORD KEEPING REQUIREMENTS FOR CATEGORY 5 RECLAIMED WATER

1. Authorized Water Reuse Site

The reuse of Category 5 reclaimed water is authorized at Site R01 which is owned by Jimmy Roper and operated by the Town of Oktaha in accordance with the supplier-user/contractual agreement. The location, total area, and related information of the authorized water reuse site is described below:

Authorized Water Reuse Sites

Site ID	Legal Description [a]	Method of Irrigation	Total Area (Acres)	Irrigated Area (Acres)
R01 [b]	W ½, SW¼ of Section 26, Township 13 North, Range 17 East, I.M. Muskogee County, Oklahoma	Center pivot	49.9	37.6

[a] Information provided by the facility in Form 2MRW submitted to DEQ on March 27, 2026.
[b] Site owned by Jimmy Roper, User ID No. RWID26-002.

2. Soil Properties and Water Balance

Per information provided in the United States Department of Agriculture (USDA)'s Natural Resources Conservation Services (NRCS) Soil Map, the upper layer of the water reuse site is expected to primarily consist of silt loam with 0 to 3 percent slope. These soils are expected to have a very low to moderate rate of water transmission property. Based on the NRCS soil map, the saturated hydraulic conductivity (K_{sat}) at the site is estimated to be 0.14 inches per hour. Four percent of the K_{sat} is estimated to be 0.0056 inches per hour. Pursuant to Appendix D of OAC 252:656, the maximum percolation rate shall not exceed 28 inches per year (or 0.0032 inches per hour) for any water reuse/land application site located to the East of I-35.

Given the estimated evaporative surface area available in the primary and storage cells, the City's population, the estimated per capita hydraulic loading of 100 gallons per day, and the estimated per capita organic loading of 0.17 pounds of BOD_5 per day, the facility meets the requirement for primary treatment and storage time as required in OAC 252:656-11-2.

A water balance calculation has been performed as part of the technical review which resulted in an estimated average daily hydraulic loading rate of 18,859 gallons per day (gpd) for water reuse over the site. The water balance showed that the water reuse site mentioned in Item B.1 above is expected to provide sufficient irrigated surface area to handle this hydraulic loading.

3. Limitations and Monitoring Requirements

The following limitations and monitoring requirements are established for the authorized water reuse site R01 in accordance with Appendix A of OAC 252:627:

Site ID	Limitations	Monitoring Requirements	Monitoring Frequency	Sample Type	Monitoring Location
R01	Flow (gpd)	Record [a]	Daily	Totalized	Pump Station

[a] When there is no supply of reclaimed water for the entire day, report "0" in the Monthly Operating Report (MOR) and write "No Supply" in the comment's column.

In accordance with OAC 252:656-27-2(c) and OAC 252:627-3-1(f), the permittee shall provide flow measuring devices to measure the amount of reclaimed water being generated and distributed. Flow measurement devices shall have recording, totalizing, and instantaneous indicating capabilities. Pursuant to OAC 252:656-25-2(h), for water reuse of reclaimed water, the measurement of flow for each water reuse sites shall be accomplished by flow meters, or the calibration of pumps and installation of run-time meters.

The permittee uses an electromagnetic flow meter to measure the flow to the water reuse site. The permittee shall maintain flow measuring devices in proper working order.

4. Reporting Requirements and Record Keeping

a. Monthly Operation Reports (MORs)

(1) Retain DEQ Form 627-001

The permittee shall complete DEQ Form 627-001 "Water Reuse System Monthly Operation Report" ("MOR") for each month for each reuse site in accordance with OAC 252:627-5-1(b). The permittee shall **retain MORs on site for 3 years**, as well as all records, including all maintenance records, and make them available for review by DEQ upon request in accordance with OAC 252:627-5-1(d) and (e).

(2) Retain DEQ Form 619-001

The permittee shall complete DEQ Form 619-001 "Total Retention Lagoon Monthly Operation Report" ("MOR") for each month for each reuse site. The permittee shall **Retain MORs on site for 3 years** and make them available for review by DEQ upon request in accordance with OAC 252:619-1-4(f).

b. Record Keeping Requirements for Commercial Fertilizer

Pursuant to OAC 252:627-3, the permittee is required to keep records of the commercial fertilizer applied at each site for the life of the permit in the format presented below. These records shall be made available to DEQ on request.

Site Name: _____

Date	Acres Fertilized	Composition of Fertilizer (Nitrogen, Phosphorus, Potassium)	Quantity of Fertilizer Applied (lb)

C. RESTRICTIONS FOR USING RECLAIMED WATER

1. Prohibited for Category 5 Reclaimed Water:

In accordance with OAC 252:627-3-4(b), irrigation with Category 5 reclaimed water is prohibited:

(1) from a lagoon cell that receives raw sewage;
(2) from any cell other than the one specified in the permit;
(3) on any food crop that may be consumed raw;
(4) on grain crops such as corn, wheat and oats, less than 30 days before harvest;
(5) at rates that allow a discharge from the permitted water reuse site;
(6) within 100′ of the permitted boundary of the site;
(7) at a rate that exceeds the nitrogen and phosphorus rates for the crop grown at the site;
(8) at a rate that results in phytotoxicity;
(9) when the reclaimed water has a dissolved oxygen concentration of less than 2.0 mg/L;
(10) during periods of precipitation or while the soil is saturated or frozen;

(11) on land having a slope greater than 5%; and
(12) where there are berms or other barriers on a water reuse site that would cause the pooling or ponding of reclaimed water at the water reuse site, nor shall any berms or barriers impede the natural flow of stormwater from the site.

2. Separation Distances for Category 5 Reclaimed Water:

OAC 252:656-27-2(b) states that the systems shall be designed to ensure that direct and wind-blown spray from irrigation systems and other sources are confined to the designated irrigation areas. Category 5 reclaimed water systems shall also be designed to comply with the following minimum buffer zones and setback distances, with all distances being measured from the edge of the wetted perimeter of the irrigation area to the edge of the following features:

(1) 300 feet from public wells;
(2) 50 feet from private water wells;
(3) 50 feet from creeks, lakes, ponds, and other water of the state; and
(4) 100 feet from adjacent property lines.

3. Expansion and Future Use/Sites

The permittee must obtain a permit to construct and a permit to supply reclaimed water from DEQ before supplying reclaimed water to any user(s) or sites not authorized in this permit. The permittee must provide information to DEQ on the intended use of the reclaimed water by the new user, and if applicable, information on specific reuse site(s) demonstrating that the requirements of OAC 252:627-3-4 for the proposed category of reclaimed water are met.

D. PREVENTION OF UNAUTHORIZED ACCESS AND SIGNAGE REQUIREMENTS FOR WATER REUSE SITES

1. Public Access and Fencing Requirements

The permittee shall ensure all Category 5 reclaimed water reuse sites shall be fenced to prevent unauthorized entry in accordance with OAC 252:627-3-4(a)(1) and OAC 252:656-25-2(k).

In accordance with OAC 252:627-3-4(a)(3), the permittee shall have legal access and control pursuant to the provisions of OAC 252:656-25-2(d) for all areas that are being irrigated with Category 5 reclaimed water and shall ensure that all distribution and irrigation equipment of water reuse system is maintained in working order.

Pursuant to OAC 252:627-3-4(a)(4), Category 5 reclaimed water shall not be applied to any public use areas.

Based on information provided in Application Form 2MRW submitted by the permittee and received by DEQ on March 27, 2026, and observations from site visit conducted on April 27, 2026, site R01 is fenced with a locked gate.

2. Signage Requirements

a. In accordance with OAC 252:656-27-4(a), all reclaimed water piping located outside the fenced water reuse area shall be identified with above-ground signs containing the language "CAUTION: RECLAIMED WATER - DO NOT DRINK" together with the international "Do Not Drink" symbol:

i. every 300 feet.
ii. at every change in direction.
iii. in the road easement on both sides of the road at every road crossing; and
iv. at every outlet.

b. In accordance with OAC 252:627-3-4(a)(2), signs which describe the nature of the facility and advise against trespassing shall be posted on the perimeter of each permitted reclaimed water application site.

Signs which describe the nature of the Category 5 water reuse system are currently posted/available. The permittee is required to post signs, as described in Item a. above, on the water reuse distribution system (the pump station and the center pivot system). Photos of proper signing provided by facility received on May 8, 2026.

Signs which advise against trespassing are currently posted/available on the perimeter of irrigation site R01. Photos of proper signing provided by facility received on June 4, 2026.

E. OPERATION AND MAINTENANCE OF THE DISTRIBUTION SYSTEMS

1. The permittee shall maintain the structural integrity of all parts of the treated wastewater (reclaimed water) distribution and irrigation system and maintain it in good working conditions.

2. The permittee shall ensure that pump stations are properly maintained and operated by doing the following:

   a. Securing pump station(s) to prevent unauthorized access.
   b. Maintaining pump(s) in working condition.
   c. Keeping screen(s) free of debris to prevent clogging.
   d. Maintaining the required alarms in working order.
   e. Maintaining the required back-up generators and/or portable engine driven pumps in working order.
   f. Maintaining a complete set of operational instructions, emergency procedures and maintenance schedules.

3. The permittee shall provide flow measuring devices to measure the amount of treated wastewater being distributed to each user. Flow measurement devices should have recording, totalizing and instantaneous indicating capabilities.

4. Cross connections between reclaimed water distribution lines and the public water supply lines are prohibited. The supplier and the user shall meet the requirements of OAC 252:626-5-15 and OAC 252:656-9-2.

V. RE-OPENER CLAUSE

A re-opener clause is included in the permit to allow for modification and/or reissuance to require additional or more frequent monitoring, additional or more stringent limits, additional operational controls, or additional reporting and recordkeeping requirements where actual or potential threats to public health or the environment are determined to be the result of the permittee's operation of the water reuse system or where the water reuse system is not being properly operated and maintained in accordance with OAC 252:627. Modification and/or reissuance of the permit shall follow regulations listed at OAC 252:004.

VI. COMPLIANCE SCHEDULE

Not applicable.

VII. SUMMARY OF CHANGES FROM PREVIOUS PERMIT

The following changes were made to the draft permit relative to the previous Permit to Supply Reclaimed Water:

- This permit to supply reclaimed water supersedes the previously issued Construction Permits: STR000051190181 and SL000051190135, which were approved on March 15, 2019, by DEQ.

VIII. REVIEW BY OTHER AGENCIES AND FINAL DETERMINATION

A public notice which includes a link to the DEQ webpage where the draft permit may be viewed will be sent to various Federal and State agencies upon posting the draft permit in the DEQ webpage. If comments are received from these agencies the permit may be denied, or additional conditions may be included.

The public notice describes the procedures for the formulation of final permit determinations.