

**STATE OF MISSOURI**  
**DEPARTMENT OF NATURAL RESOURCES**  
**MISSOURI CLEAN WATER COMMISSION**



**CONSTRUCTION PERMIT**

The Missouri Department of Natural Resources hereby issues a permit to:

John Ritchie  
Manager  
C.P.W.S.D. #2 of Ray County  
7906 Hwy O  
Orrick, MO 64077

for the construction of (described facilities):

See attached.

Permit Conditions:

See attached.

Construction of such proposed facilities shall be in accordance with the provisions of the Missouri Clean Water Law, Chapter 644, RSMo, and regulation promulgated thereunder, or this permit may be revoked by the Department of Natural Resources (department).

As the department does not examine structural features of design or the efficiency of mechanical equipment, the issuance of this permit does not include approval of these features.

A representative of the department may inspect the work covered by this permit during construction. Issuance of a permit to operate by the department will be contingent on the work substantially adhering to the approved plans and specifications.

This permit applies only to the construction of water pollution control components; it does not apply to other environmentally regulated areas.

April 16, 2024  
Effective Date

April 15, 2026  
Expiration Date

  
\_\_\_\_\_  
John Hoke, Director, Water Protection Program

## **CONSTRUCTION PERMIT**

### **I. CONSTRUCTION DESCRIPTION**

The proposed construction will involve improvements to the sludge storage and removal practices at the C.P.W.S.D. No. 2 of Ray County water treatment plant. Improvements will include the construction of a pump station at each sludge storage lagoon and related pump suction, recycle, and discharge piping. The east pump station will include five suction lines that will draw settled sludge and pump it to the west lagoon for sludge thickening. The lines are equipped with knife gates so that the operator can select which areas of the lagoon to draw from. The west lagoon will be equipped with four discharge points to allow the operator to select where the sludge drawn from the east lagoon will be discharged to within the west lagoon. Further, new recycle lines at five different locations around the east lagoon will enable re-liquefaction of settled sludge as needed. Supernatant from the west lagoon will be returned to the east lagoon. The west pump station will include four suction lines to pump sludge from the west lagoon to the sludge dewatering area. The suction lines will include knife gates to enable the operator to select which areas of the lagoon to pump from, and the five discharge lines in the dewatering area are also equipped with knife gates to allow the operator to choose the discharge location.

Overall, these improvements are expected to enhance the effectiveness of the sludge thickening process and to reduce the likelihood of damage to the seal in comparison with the current method of removal for sludge from the lagoons. Regrading of the site and modification of the berms will also help to prevent erosion and runoff associated with the sludge dewatering process and will provide a greater storage capacity in the lagoons.

This project will also include general site work appropriate to the scope and purpose of the project and all necessary appurtenances to make a complete and usable wastewater treatment facility.

### **II. COST ANALYSIS FOR COMPLIANCE**

Pursuant to Section 644.145, RSMo, when issuing permits under this chapter that incorporate a new requirement for discharges from publicly owned combined or separate sanitary or storm sewer systems or publicly owned treatment works, or when enforcing provisions of this chapter or the Federal Water Pollution Control Act, 33 U.S.C. 1251 et seq., pertaining to any portion of a publicly owned combined or separate sanitary or storm sewer system or [publicly owned] treatment works, the Department of Natural Resources shall make a “finding of affordability” on the costs to be incurred and the impact of any rate changes on ratepayers upon which to base such permits and decisions, to the extent allowable under this chapter and the Federal Water Pollution Control Act. This process is completed through a cost analysis for compliance. Permits that do not include new requirements may be deemed affordable.

The department is not required to determine Cost Analysis for Compliance because the permit contains no new conditions or requirements that convey a new cost to the facility.

### **III. CONSTRUCTION PERMIT CONDITIONS**

The permittee is authorized to construct subject to the following conditions:

1. This construction permit does not authorize discharge.
2. All construction shall be consistent with plans and specifications signed and sealed by Gregory S. Kendall, P.E. with Lamp Rynearson and as described in this permit.
3. The department must be contacted in writing prior to making any changes to the plans and specifications that would directly or indirectly have an impact on the capacity, flow, system layout, or reliability of the proposed wastewater treatment facilities or any design parameter that is addressed by 10 CSR 20-8, in accordance with 10 CSR 20-8.110(11).
4. State and federal law does not permit bypassing of raw wastewater, therefore steps must be taken to ensure that raw wastewater does not discharge during construction. If a sanitary sewer overflow or bypass occurs, report the appropriate information to the department's Kansas City Regional Office per 10 CSR 20-7.015(9)(G).
5. The wastewater treatment facility shall be located at least 50 feet from any dwelling or establishment.
6. The minimum distance between wastewater treatment facilities and all potable water sources shall be at least 300 feet per 10 CSR 20-8.140(2)(C)1.
7. In addition to the requirements for a construction permit, 10 CSR 20-6.200 requires land disturbance activities of one acre or more to obtain a Missouri state operating permit to discharge stormwater. The permit requires best management practices sufficient to control runoff and sedimentation to protect waters of the state. Land disturbance permits will only be obtained by means of the department's ePermitting system available online at <https://dnr.mo.gov/data-e-services/missouri-gateway-environmental-management-mogem>. See <https://dnr.mo.gov/data-e-services/water/electronic-permitting-epermitting> for more information.
8. A United States Army Corps of Engineers (USACE) Clean Water Act Section 404 Department of the Army permit and a Section 401 Water Quality Certification issued by the department may be required for the activities described in this permit. This permit is not valid until these requirements are satisfied or notification is provided that no Section 404 permit is required by the USACE. You must contact your local USACE district since they determine what waters are jurisdictional and which permitting requirements may apply. You may call the department's Water Protection Program, Operating Permits Section at 573-522-4502 for more information. See <https://dnr.mo.gov/water/business-industry-other-entities/permits-certification-engineering-fees/section-401-water-quality> for more information.

9. All construction must adhere to applicable 10 CSR 20-8 (Chapter 8) requirements listed below.
  - Flood protection shall apply to new construction and to existing facilities undergoing major modification. The wastewater facility structures, electrical equipment, and mechanical equipment shall be protected from physical damage by not less than the 100-year flood elevation. 10 CSR 20-8.130(2)(A). 10 CSR 20-8.140(2)(B).
  - Facilities shall be readily accessible by authorized personnel from a public right-of-way at all times. 10 CSR 20-8.130(2)(B). 10 CSR 20-8.140(2)(D).
  - The distance between wastewater pumping stations and all potable water sources shall be at least 50 feet in accordance with 10 CSR 23-3.010(1)(B). 10 CSR 20-8.130(2)(D)
  - Electrical equipment. Electrical equipment shall be provided with the following requirements:
    - 10 CSR 20-8.130(3)(B)2.A. Electrical equipment must comply with 10 CSR 20-8.140(7)(B);
    - Utilize corrosive resistant equipment located in the wet well; 10 CSR 20-8.130(3)(B)2.B.
    - Provide a watertight seal and separate strain relief for all flexible cable; 10 CSR 20-8.130(3)(B)2.C.
    - Install a fused disconnect switch located above ground for the main power feed for all pumping stations. 10 CSR 20-8.130(3)(B)2.D.
    - When such equipment is exposed to weather, it shall comply with the requirements of weather proof equipment; enclosure NEMA 4; NEMA 4X where necessary; and *NEMA Standard 250-2014*, published December 15, 2014. 10 CSR 20-8.130(3)(B)2.E.
    - Install lightning and surge protection systems; 10 CSR 20-8.130(3)(B)2.F.
    - Install a 110 volt (V) power receptacle inside the control panel located outdoors to facilitate maintenance; 10 CSR 20-8.130(3)(B)2.G.
    - Provide Ground Fault Circuit Interruption (GFCI) protection for all outdoor receptacles. 10 CSR 20-8.130(3)(B)2.H.
  - Valves shall not be located in the wet well unless integral to a pump or its housing. 10 CSR 20-8.130(3)(D)
  - Submersible pump stations shall meet the applicable requirements under section (3) of this rule, except as modified in this section. 10 CSR 20-8.130(5)
    - Pump Removal. Submersible pumps shall be readily removable and replaceable without personnel entering, dewatering, or disconnecting any piping in the wet well. 10 CSR 20-8.130(5)(A)
    - Valve Chamber and Valves. Valves required under subsection (3)(D) of this rule shall be located in a separate valve chamber. 10 CSR 20-8.130(5)(B)
    - A minimum access hatch dimensions of 24 inches by 36 inches shall be provided. 10 CSR 20-8.130(5)(B)1.
  - A portable pump connection on the discharge line with rapid connection capabilities shall be provided. 10 CSR 20-8.130(5)(B)2.
  - Alarm systems with an uninterrupted power source shall be provided for pumping stations. 10 CSR 20-8.130(6)

- Lagoon berms shall be constructed of relatively impervious material and compacted to at least 95 percent maximum dry density test method to form a stable structure. 10 CSR 20-8.200(4)(A)1.
- The minimum berm width shall be eight feet to permit access of maintenance vehicles. 10 CSR 20-8.200(4)(A)2.
- Minimum freeboard shall be two feet. 10 CSR 20-8.200(4)(A)3.
- The soil of the lagoon bottom shall be compacted with the moisture content between 2 percent below and 4 percent above the optimum water content and compacted to at least 95 percent maximum dry density test method. 10 CSR 20-8.200(4)(B)
- The lagoon shall be sealed to ensure that seepage loss is as low as possible and has a design permeability not exceeding  $1.0 \times 10^{-7}$  cm/sec. 10 CSR 20-8.200(4)(C)1.
- The minimum thickness of the compacted clay liner must be 12 inches. For permeability coefficients greater than  $1.0 \times 10^{-7}$  cm/sec or for heads over 5 feet such as an aerated lagoon system, the following formula shall be used to determine minimum seal thickness, Equation 200-1 per 10 CSR 20-8.200(4)(C)2.:  
Equation 200-1

$$t = \frac{H \times K}{5.4 \times 10^{-7} \text{ cm/sec}}$$

where:

K = the permeability coefficient of the soil in question;

H = the head of water in the lagoon; and

t = the thickness of the soil seal.

- Synthetic seals thickness may vary due to liner material but the liner thickness shall be no less than .02 inches or 20 mil and be the appropriate material to perform under existing conditions. 10 CSR 20-8.200(4)(C)3.
- Seep collars shall be provided on drainpipes where they pass through the lagoon seal. 10 CSR 20-8.200(4)(C)4.

10. Upon completion of construction:

- A. The Ray County Public Water Supply District No. 2 will become the continuing authority for operation and maintenance of these facilities;
- B. Submit an electronic copy of the as builts if the project was not constructed in accordance with previously submitted plans and specifications;
- C. Submit the Statement of Work Completed form to the department in accordance with 10 CSR 20-6.010(5)(N) (<https://dnr.mo.gov/document-search/wastewater-construction-statement-work-completed-mo-780-2155>)

## **IV. REVIEW SUMMARY**

### **1. CONSTRUCTION PURPOSE**

The purpose of construction is to improve the sludge storage and removal practices at the C.P.W.S.D. No. 2 of Ray County water treatment plant. The facility plan identified the following specific goals for the improvements:

- Provide a permanent means to prevent drainage from sludge running offsite during the sludge dewatering process;
- Prevent erosion during the dewatering process;
- Improve method of sludge removal from lagoons to reduce the likelihood of damaging the seal and to allow sludge to be removed from the entire lagoon area;
- Reduce the typical sludge level in the east sludge lagoon; and
- Enable the west sludge lagoon to be used strictly for the purpose of sludge thickening.

### **2. FACILITY DESCRIPTION**

The Ray County Public Water Supply District No. 2 operates a 3 million gallons per day (MGD) water softening facility. The treatment process includes two 40' diameter solids contact basins, a recarbonation basin, six gravity filters, and two sludge storage lagoons. In the current mode of operation, blowdown from the west solids contact basin is conveyed by gravity main to the west sludge lagoon, and blowdown from the east solids contact basin is conveyed by gravity main to the east sludge lagoon. A pipe connects the two sludge storage lagoons to allow water to flow from the east lagoon to the west lagoon. The east lagoon then discharges to the ditch (a Presumed Use Stream, WBID = 5065) located east of the lagoon. Sludge is periodically removed from the east lagoon using a rented backhoe and is spread in an area west of the basins to dewater. Following one to two months of dewatering of the sludge, it is removed by a contract hauler. The district has agreements in place with owners of nearby fields to allow the land application of the dewatered sludge. The total area for land application is approximately 850 acres.

The C.P.W.S.D. No. 2 of Ray County is located at 7906 Hwy O, Orrick, in Ray County, Missouri.

### **3. COMPLIANCE PARAMETERS**

The proposed project is required to meet the requirements of [MO-G640000](#) with an expiration date of February 24, 2029. The facility will be required to meet the total residual chlorine, pH, and settleable solids effluent limitations set forth in Table A of the permit and must follow the sludge sampling requirements in Table B. Table C also requires monitoring of several parameters for land application purposes. See the permit for additional information.

#### **4. REVIEW of MAJOR TREATMENT DESIGN CRITERIA**

##### **Existing major components that will remain in use include the following:**

- Sludge Storage Lagoons – The existing sludge storage lagoons will continue to be utilized, but the grading will be modified to provide a greater depth within the lagoons. The elevation of the toe of the slope in the west lagoon is being reduced from approximately 724 feet to 718 feet and is being reduced from approximately 723 feet to 718 feet in the east lagoon. The existing water level in the lagoons are to remain unchanged, 723.55 feet and 722.21 feet for the west and east lagoons, respectively. The new construction will modify the use of the west lagoon such that it is for sludge thickening only. Testing of the integrity of the liner seal is to be conducted for both lagoons. Depending on the results of that testing, liner repair or replacement may be required in one or both lagoons in accordance with the submitted specifications.

The existing lagoons are not equipped with emergency spillways, and 10 CSR 20-8.200(4)(A)4. is not considered to be applicable to the sludge storage lagoons. The intent of providing an emergency spillway in a lagoon is to protect the berms from damage during an emergency. In a typical domestic wastewater lagoon, it is expected the facility will receive peak flows during peak usage hours and rain events. These peak flows can lead to emergency situations that require the use of the spillway. In contrast to a typical domestic wastewater lagoon, these lagoons are not connected to a collection system that would produce high peaks associated with inflow and infiltration and peak usage hours. Instead, the lagoons receive flows from the blowdown, wash water, and drainage from the water softening process. In response to a comment email, the engineer stated that the blowdown and wash water flows are consistent on a daily basis, and the drainage from the solids contact basins would be the only variable flow in the process. Further, the process of draining the solids contact basins is conducted under supervision and would not occur automatically. Overall, the engineer expects that with frequent monitoring an emergency spillway is not needed to prevent overtopping or cutting of berms.

##### **Construction will cover the following items:**

- East Pump Station – Construction of a duplex pump station to transfer settled sludge and to allow for mixing to reliquefy settled sludge as needed. The two 5HP submersible pumps are equipped with a variable frequency drive (VFD). Because the pumps will operate under varying conditions and for multiple purposes, the pump curve was divided into several operating ranges. The figures below represent approximate figures at discrete frequencies based upon the supplied pump curves (see the full pump curves in the Appendix of this permit).
  - Transfer Range – describes the operation when being used to transfer settled sludge to the west storage lagoon.
    - 42 Hz – Capable of operating at approximately 190 gpm at 7 feet of TDH
    - 48 Hz – Capable of operating at approximately 225 gpm at 9.5 feet of TDH

- 60 Hz – Capable of operating at approximately 335 gpm at 20 feet of TDH
  - Mixing Range Water – describes the operation when being used to mix when the contents are mainly water
    - 42 Hz – Capable operating at approximately 305 gpm at 4 feet of TDH
    - 48 Hz – Capable of operating at approximately 350 gpm at 6 feet of TDH
  - Mixing Range 6 percent Solids – describes the operation when being used to mix and reliquefy settled sludge
    - 42 Hz – Capable of operating at approximately 185 gpm at 8 feet of TDH
    - 48 Hz – Capable of operating at approximately 210 gpm at 9.5 feet of TDH
    - 60 Hz – Capable of operating at approximately 320 gpm at 20.5 feet of TDH
- West Pump Station – Construction of a simplex pump station to transfer thickened sludge to the sludge dewatering area west of the west storage lagoon. The single pump is a 15 HP double disk pump equipped with a VFD. The operating conditions will depend upon the selected location of the discharge within the sludge dewatering area as well as the VFD setting. The figures below represent approximate figures at discrete frequencies based upon the supplied pump curves (see the full pump curves in the Appendix of this permit).
  - When discharging to near end of dewatering area
    - 40 Hz – Capable of operating at approximately 250 gpm at 19 feet of TDH
    - 60 Hz – Capable of operating at approximately 395 gpm at 30 feet of TDH
  - When discharging to far end of dewatering area
    - 40 Hz – Capable of operating at approximately 235 gpm at 35 feet of TDH
    - 60 Hz – Capable of operating at approximately 350 gpm at 60 feet of TDH

## **5. OPERATING PERMIT**

These construction activities do not change the effluent limits or conditions of the current operating permit. No modification to the existing permit is required.

The expiration date for the existing permit was February 24, 2024. A renewal application has been submitted and the renewal is currently being processed. If you have questions regarding the renewal, please contact the Kansas City Regional Office at 816-251-0700.



## **V. NOTICE OF RIGHT TO APPEAL**

If you were adversely affected by this decision, you may be entitled to an appeal before the Administrative Hearing Commission (AHC) pursuant to Section 621.250 RSMo. To appeal, you must file a petition with the AHC within 30 days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed; if it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC. Any appeal should be directed to:

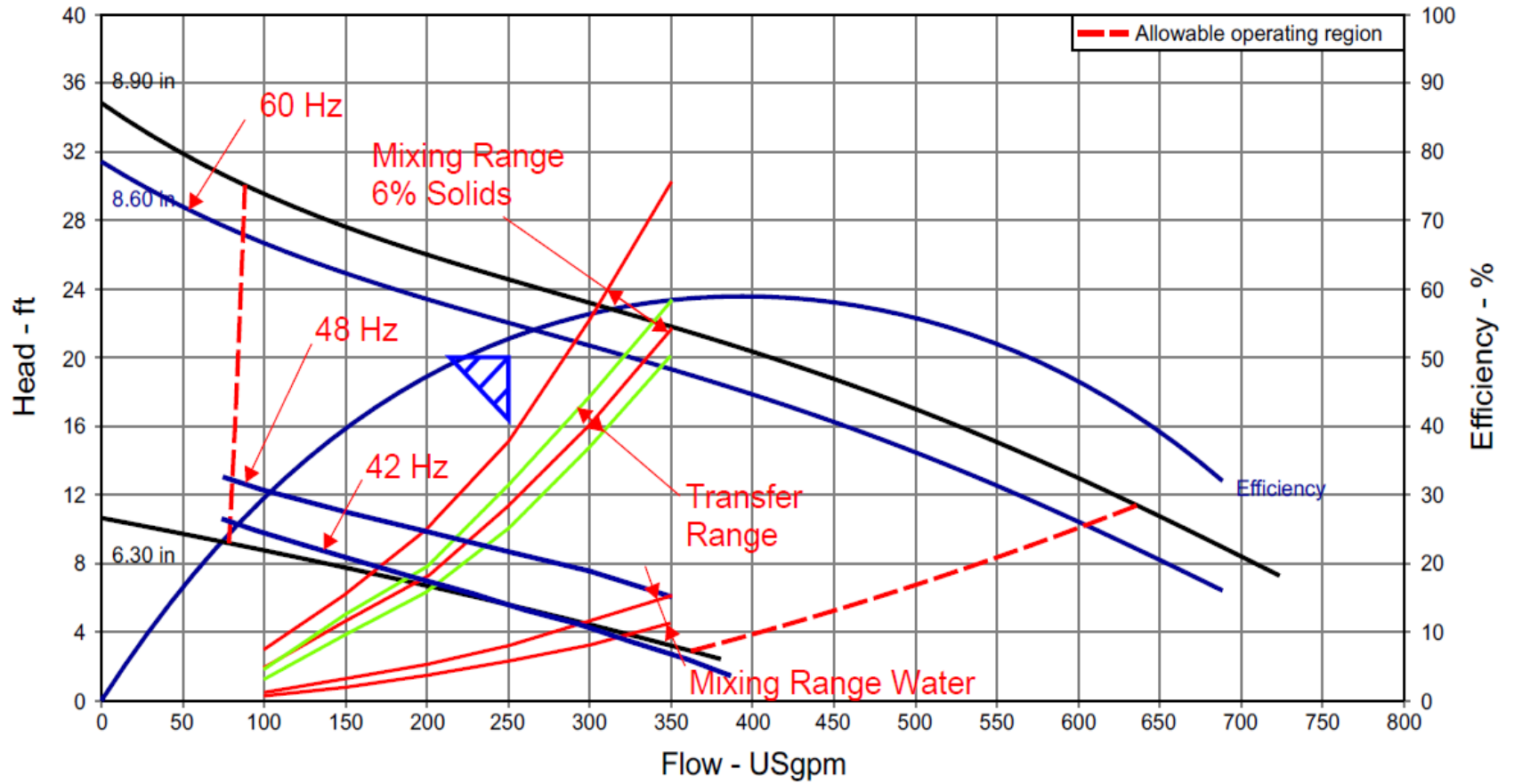
Administrative Hearing Commission  
U.S. Post Office Building, Third Floor  
131 West High Street, P.O. Box 1557  
Jefferson City, MO 65102-1557  
Phone: 573-751-2422  
Fax: 573-751-5018  
Website: <https://ahc.mo.gov>

Thomas Silkwood  
Engineering Section  
[thomas.silkwood@dnr.mo.gov](mailto:thomas.silkwood@dnr.mo.gov)

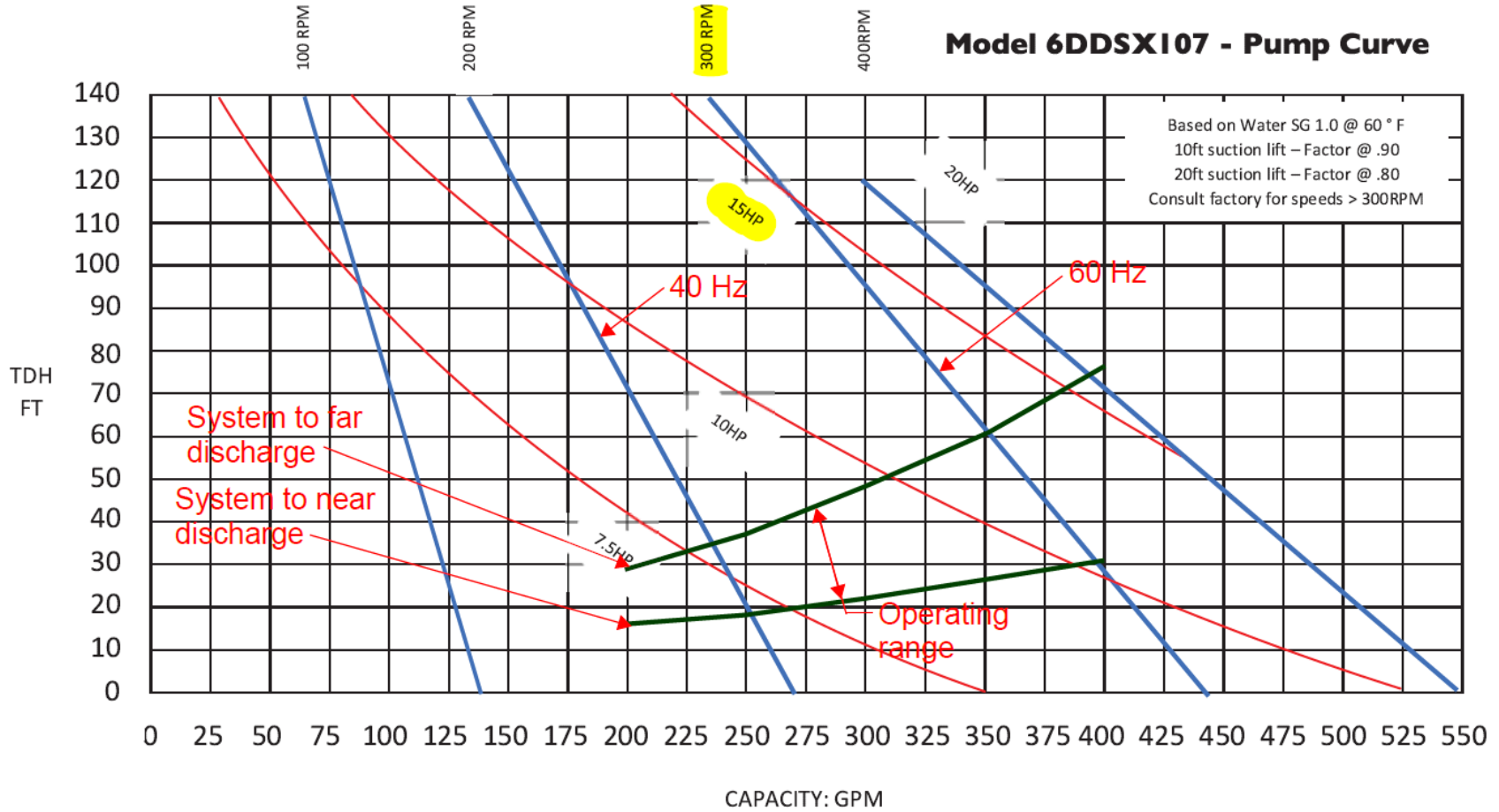
Chia-Wei Young, P.E.  
Engineering Section  
[chia-wei.young@dnr.mo.gov](mailto:chia-wei.young@dnr.mo.gov)

### APPENDIX

- Pump Curve + System Curve – East Pump Station**



• **Pump Curve + System Curve – West Pump Station**





MISSOURI DEPARTMENT OF NATURAL RESOURCES  
 WATER PROTECTION PROGRAM  
**APPLICATION FOR CONSTRUCTION PERMIT –  
 WASTEWATER TREATMENT FACILITY**

FOR DEPARTMENT USE ONLY	
APP NO.	CP NO.
FEE RECEIVED	CHECK NO.
DATE RECEIVED	

**APPLICATION OVERVIEW**

The Application for Construction Permit – Wastewater Treatment Facility form has been developed in a modular format and consists of Part A and B. **All applicants must complete Part A.** Part B should be completed for applicants who currently land-apply wastewater or propose land application for wastewater treatment. **Please read the accompanying instructions before completing this form. Submittal of an incomplete application may result in the application being returned.**

**PART A – BASIC INFORMATION**

**1.0 APPLICATION INFORMATION** (Note – If any of the questions in this section are answered NO, this application may be considered incomplete and returned.)

- 1.1 Is this a Federal/State funded project?  YES  N/A Funding Agency: \_\_\_\_\_ Project #: \_\_\_\_\_
- 1.2 Has the Missouri Department of Natural Resources approved the proposed project's antidegradation review?  
 YES Date of Approval: \_\_\_\_\_  N/A
- 1.3 Has the department approved the proposed project's facility plan\*?  
 YES Date of Approval: \_\_\_\_\_  NO (If No, complete No. 1.4.)
- 1.4 [Complete only if answered No on No. 1.3.] Is a copy of the facility plan\* for wastewater treatment facilities included with this application?  
 YES  NO  Exempt because \_\_\_\_\_
- 1.5 Is a copy of the appropriate plans\* and specifications\* included with this application?  
 YES Denote which form is submitted:  Hard copy  Electronic copy (See instructions.)  NO
- 1.6 Is a summary of design\* included with this application?  YES  NO
- 1.7 Has the appropriate operating permit application (A, B, or B2) been submitted to the department?  
 YES Date of submittal: \_\_\_\_\_  
 Enclosed is the appropriate operating permit application and fee submittal. Denote which form:  A  B  B2  
 N/A: However, In the event the department believes that my operating permit requires revision to permit limitation such as changing equivalent to secondary limits to secondary limits or adding total residual chlorine limits, please share a draft copy prior to public notice?  YES  NO
- 1.8 Is the facility currently under enforcement with the department or the Environmental Protection Agency?  YES  NO
- 1.9 Is the appropriate fee or JetPay confirmation included with this application?  YES  NO  
 See Section 7.0

\* Must be affixed with a Missouri registered professional engineer's seal, signature and date.

**2.0 PROJECT INFORMATION**

2.1 NAME OF PROJECT	2.2 ESTIMATED PROJECT CONSTRUCTION COST \$
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2.3 PROJECT DESCRIPTION

2.4 SLUDGE HANDLING, USE AND DISPOSAL DESCRIPTION

2.5 DESIGN INFORMATION

A. Current population: 10,000; Design population: 10,000

B. Actual Flow: 55,000 gpd; Design Average Flow: 55,000 gpd;  
 Actual Peak Daily Flow: 55,000 gpd; Design Maximum Daily Flow: 55,000 gpd; Design Wet Weather Event: 55,000

2.6 ADDITIONAL INFORMATION

A. Is a topographic map attached?  YES  NO

B. Is a process flow diagram attached?  YES  NO

3.0 WASTEWATER TREATMENT FACILITY				
NAME Ray Co. C.P.W.S.D. No. 2 water treatment plant		TELEPHONE NUMBER WITH AREA CODE (816)517-5509		E-MAIL ADDRESS rcpwd2@embarqmail.com
ADDRESS (PHYSICAL) 7906 Hwy O	CITY Orrick	STATE Mo	ZIP CODE 64077	COUNTY Ray
Wastewater Treatment Facility: Mo- (Outfall 1 Of 1 )				
3.1 Legal Description: <u>      </u> ¼, <u>NW</u> ¼, <u>NW</u> ¼, Sec. <u>14</u> , T <u>51N</u> , R <u>29W</u> (Use additional pages if construction of more than one outfall is proposed.)				
3.2 UTM Coordinates Easting (X): <u>39.23400</u> Northing (Y): <u>94.13728</u> For Universal Transverse Mercator (UTM), Zone 15 North referenced to North American Datum 1983 (NAD83)				
3.3 Name of receiving streams: <u>Unnamed tributary to Fishing River</u>				
4.0 PROJECT OWNER				
NAME Ray County C.P.W.S.D. No. 2		TELEPHONE NUMBER WITH AREA CODE 816 776-2691		E-MAIL ADDRESS pwsd2ray@yahoo.com
ADDRESS 10110 Leathers Rd	CITY Richmond	STATE Mo	ZIP CODE 64085	
5.0 CONTINUING AUTHORITY: A continuing authority is a company, business, entity or person(s) that will be operating the facility and/or ensuring compliance with the permit requirements.				
NAME		TELEPHONE NUMBER WITH AREA CODE		E-MAIL ADDRESS
ADDRESS		CITY		STATE
				ZIP CODE
5.1 A letter from the continuing authority, if different than the owner, is included with this application. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A				
5.2 COMPLETE THE FOLLOWING IF THE CONTINUING AUTHORITY IS A MISSOURI PUBLIC SERVICE COMMISSION REGULATED ENTITY.				
A. Is a copy of the certificate of convenience and necessity included with this application? <input type="checkbox"/> YES <input type="checkbox"/> NO				
5.3 COMPLETE THE FOLLOWING IF THE CONTINUING AUTHORITY IS A PROPERTY OWNERS ASSOCIATION				
A. Is a copy of the as-filed restrictions and covenants included with this application? <input type="checkbox"/> YES <input type="checkbox"/> NO				
B. Is a copy of the as-filed warranty deed, quitclaim deed or other legal instrument which transfers ownership of the land for the wastewater treatment facility to the association included with this application? <input type="checkbox"/> YES <input type="checkbox"/> NO				
C. Is a copy of the as-filed legal instrument (typically the plat) that provides the association with valid easements for all sewers included with this application? <input type="checkbox"/> YES <input type="checkbox"/> NO				
D. Is a copy of the Missouri Secretary of State's nonprofit corporation certificate included with this application? <input type="checkbox"/> YES <input type="checkbox"/> NO				
6.0 ENGINEER				
ENGINEER NAME / COMPANY NAME Greg Kendall/Lamp Rynearson		TELEPHONE NUMBER WITH AREA CODE 816 361-0440		E-MAIL ADDRESS greg.kendall@lamprynearson.com
ADDRESS 9001 State Line Rd, Ste 200	CITY Kansas City	STATE Mo	ZIP CODE 64114	
7.0 APPLICATION FEE				
<input type="checkbox"/> CHECK NUMBER <input type="checkbox"/> JETPAY CONFIRMATION NUMBER				
8.0 PROJECT OWNER: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.				
PROJECT OWNER SIGNATURE <i>John Ritchie PWSO #2 RAY CO.</i>				
PRINTED NAME John Ritchie				DATE 10-12-23
TITLE OR CORPORATE POSITION Manager <i>John Ritchie</i>		TELEPHONE NUMBER WITH AREA CODE 816 776-2691		E-MAIL ADDRESS pwsd2ray@yahoo.com
Mail completed copy to: MISSOURI DEPARTMENT OF NATURAL RESOURCES WATER PROTECTION PROGRAM P.O. BOX 176 JEFFERSON CITY, MO 65102-0176				
<b>END OF PART A.</b>				
<b>REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHETHER PART B NEEDS TO BE COMPLETE.</b>				