

**OWOSSO MID-SHIAWASSEE COUNTY WWTP
REVIEW BOARD**

MEETING NOTICE

DATE: May 28, 2024 (Tuesday)

TIME: 4:30 P.M.

PLACE: 1410 Chippewa Trail, Owosso, MI 48867 with virtual option for non-board members
(details attached)

AGENDA:

1. Roll
2. Agenda Approval
3. Previous Meeting Minutes
 - a) April 23, 2024*
4. Secretary's Report
 - a) Plant Performance Summary (April 2024)*
 - b) Plant Operations and staffing
 - c) WWTP project updates: Solids Handling Project, Phase I, Secondary Clarifier
5. Old Business
 - a) Hydrogen Sulfide Study
 1. Utility Authority Plan Progress
 - b) FY 2024/25 Service Unit Charges *
6. New Business
 - a) Equivalent Sewer Use Ordinances
7. Citizens'/Members' comments
8. Adjourn

Tim Guysky, Secretary

* **Written information previously transmitted or enclosed.**

The city of Owosso will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audiotapes of printed materials being considered at the meeting, to individuals with disabilities at the meeting/hearing upon seventy-two hours' notice to the city of Owosso. Individuals with disabilities requiring auxiliary aids or services should contact the city of Owosso by writing or calling the following: Tim Guysky, 301 West Main Street, Owosso, MI 48867 (989)-725-0562.

PLEASE TAKE NOTICE THAT THE FOLLOWING MEETING WILL HELD IN-PERSON WITH A VIRTUAL ATTENDANCE OPTION

The Owosso Mid-Shiawassee County Wastewater Treatment Plant Review Board will conduct an in-person meeting with a virtual attendance option on May 28, 2024.

OWOSSO MID-COUNTY WWTP REVIEW BOARD

Tuesday, May 28, 2024

at 4:30 p.m.

1410 Chippewa Trail

Owosso, MI 48867

The public may attend in-person or virtually but cannot participate in public comment virtually. Virtual attendees may submit questions or comments via email to the Plant Superintendent at timothy.guysky@ci.owosso.mi.us a minimum of 24 hours prior to the meeting.

VIRTUAL OPTION DETAILS:

- **Join Zoom Meeting:**
<https://us02web.zoom.us/j/84475388547?pwd=dmlYSl0lOTElJwMjVZbFo4Ymt2a2dDZz09>
- **Meeting ID:** 844 7538 8547
- **Password:** 463612
- **One tap mobile**
+16465588656,,84475388547#,,,,*463612# US (New York)
+13126266799,,84475388547#,,,,*463612# US (Chicago)
- **Dial by your location**
+1 646 558 8656 US (New York)
+1 312 626 6799 US (Chicago)
- **For video instructions visit:**
 - Signing up and Downloading Zoom <https://youtu.be/qsy2Ph6kSf8>
 - Joining a Zoom Meeting <https://youtu.be/hlkCmbvAHQQ>
 - Joining and Configuring Audio and Video <https://youtu.be/-s76QHshQnY>
- **Helpful notes for participants:** [Helpful Hints](#)

Any person who wishes to contact members of the WWTP Review Board to provide input or ask questions on any business coming before the Board on May 28, 2024 may do so by calling or e-mailing the WWTP Superintendent prior to the meeting at (989)725-0562 or timothy.guysky@ci.owosso.mi.us.

The City of Owosso will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio recordings of printed materials being considered at the meeting, to individuals with disabilities at the meeting/hearing upon seventy-two (72) hours notice to the City of Owosso. Individuals with disabilities requiring auxiliary aids or services should contact the City of Owosso by writing, calling, or emailing the following: Owosso WWTP Superintendent, 301 West Main Street, Owosso, MI 48867; Phone: (989) 725-0562; Email: timothy.guysky@ci.owosso.mi.us. The City of Owosso Website address is www.ci.owosso.mi.us.

WARNING: According to the State Attorney General, interrupting a public meeting in Michigan with hate speech or profanity could result in criminal charges under several State statutes relating to Fraudulent Access to a Computer or Network (MCL 752.797) and/or Malicious Use of Electronics Communication (MCL 750.540). Per the US Attorney for Eastern Michigan, Federal charges may include disrupting a public meeting, computer intrusion, using a computer to commit a crime, hate crimes, fraud, or transmitting threatening communications.

City of Owosso related meetings are being monitored and violations of statutes will be prosecuted.

**OWOSSO MID-SHIAWASSEE COUNTY WWTP REVIEW BOARD
MEETING MINUTES - DRAFT**

April 23, 2024

4:30 P.M.

W.W.T.P.

1. Roll (4:30 P.M.)
Members Present: R. Holzheuer, R. Suchanek, J. Archer
Members Absent (no Alternate present): J. Sawyer
Others Present: T. Guysky, WWTP Superintendent/Board Secretary
B. Langtry, Owosso Twp/Caledonia Twp Utility Authority
J. Bloomfield, Owosso Twp/Caledonia Twp Utility Authority
2. Agenda Approval: Motion by Archer to approve meeting agenda as presented. Support by Holzheuer. No discussion. Motion carries 3-0.
3. Minutes of the January 23, 2024 meeting: Motion by Holzheuer to approve the January 23, 2024 meeting minutes. Support by Suchanek. No Discussion. Motion carries 3-0.
4. Secretary's Report:
 - a) Plant Performance Summary (Jan-Mar 2024): Guysky noted full permit compliance for January through March 2024 and discussed extra chemical and energy costs to achieve that, related specifically to process bypasses required by Phase I construction.
 - b) Plant Operations and Staffing: Guysky informed the Board of a new primary sludge pump installation and excellent performance of the new sludge dewatering equipment. The plant currently has one opening for Operator/Mechanic position and is currently conducting interviews.
 - c) WWTP Project Updates: Guysky updated the Board on the current projects. The Solids Handling Project is nearing completion, with all equipment operational and only punch list items to complete. The Phase I Project work is progressing at the expected pace thus far, with major demolition and underground work nearing completion. The Secondary Clarifier Project design phase is complete and will be out for bids in May 2024, with construction expected to start in Fall 2024. Suchanek is seeking funding sources for the future retention basin and nitrification tower rebuild through SEDP and senate appropriations.
5. Old Business:
 - a) Hydrogen Sulfide Study
 1. Utility Authority Plan Progress: Langtry updated the Board on the Owosso Township-Caledonia Township Utility Authority efforts toward H₂S mitigation. Chemical application will resume at the start of the upcoming H₂S season and continue for the

duration. The air relief valve on the Hintz Rd force main will be replaced soon. Permanent solutions will continue to be explored, with the Authority soliciting proposals from consulting firms.

6. New Business:

- a) FY 2024/25 Service Unit Charges: Guysky distributed copies of the estimated charges for Operation and Maintenance, Replacement and Debt Service. These numbers will likely be finalized by the May Review Board meeting and the O & M and Replacement charges will be ready for the Board vote at that time. Suchanek also noted the City is taking full advantage of the State Clean Water funding options for the plant rehabilitation projects, including low interest loans, grants and principal forgiveness.

7. Citizens'/Members' Comments:

NONE

8. Adjourn: Motion to adjourn by Suchanek. Support by Holzheuer. No discussion. Motion carries 3-0. Meeting adjourned at 5:06 p.m.

Respectfully submitted, Timothy J. Guysky, Secretary
Approval by Review Board pending

PLANT PERFORMANCE SUMMARY

	PERMIT LIMIT		CURRENT YEAR APRIL 2024		PREVIOUS YEAR APRIL 2023
PLANT FLOW					
AVERAGE	No Limit		4.68	MGD	6.40 MGD
MAXIMUM	No Limit		6.45	MGD	14.12 MGD
PRECIPITATION			3.90	Inches	3.80 Inches
CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND (CBOD-5)					
"30 Day" Average	25 mg/L		5.8	mg/L	4.5 mg/L
Maximum Day	40 mg/L		8.0	mg/L	7.1 mg/L
Maximum 7 Day Average	NO LIMIT		7.1	mg/L	6.6 mg/L
"30 Day" Average	1300 lbs/day		225	lbs/day	273 lbs/day
Maximum 7 Day Average	2000 lbs/day		258	lbs/day	615 lbs/day
Percent Removal	85%		90	%	88 %
TOTAL SUSPENDED SOLIDS (T.S.S.)					
"30 Day" Average	30 mg/L		17	mg/L	12 mg/L
Maximum 7 Day Average	45 mg/L		20	mg/L	20 mg/L
"30 Day" Average	1500 lbs/day		649	lbs/day	790 lbs/day
Maximum 7 Day Average	2300 lbs/day		741	lbs/day	2015 lbs/day
Percent Removal	85%		87	%	89 %
AMMONIA NITROGEN (NH3-N)					
"30 Day" Average	11 mg/L		0.98	mg/L	0.14 mg/L
Maximum Day	15 mg/L		1.97	mg/L	0.45 mg/L
"30 Day" Average	530 lbs/day		36.5	lbs/day	11.7 lbs/day
Maximum 7 Day Average	750 lbs/day		56.6	lbs/day	35.6 lbs/day
TOTAL PHOSPHORUS					
"30 Day" Average	1.0 mg/l		0.80	mg/L	0.58 mg/L
"30 Day" Average	50 lbs/day		30	lbs/day	32 lbs/day
DISSOLVED OXYGEN					
Minimum	G.T. 3.0 mg/L		8.8	mg/L	10.0 mg/L
pH					
Maximum	L.T. 9.0		8.10		8.59
Minimum	G.T. 6.5		7.35		7.71
TOTAL RESIDUAL CHLORINE (TRC)					
Maximum	38 ug/L		< 10	ug/L	< 10 ug/L
FECAL COLIFORM					
"30 Day" Mean	200 Col./100 mls		77	Col./100mls	58 Col./100mls
Maximum 7 Day Average	400 Col./100mls		243	Col./100mls	241 Col./100mls
COMPLIANCE			Complied with all permit limits		Complied with all permit limits

CODE: L.T. = LESS THAN
G.T. = GREATER THAN
NR = ANALYSIS NOT REQUIRED

NOTE: ALL PERMIT LIMITS ARE MAXIMUMS UNLESS OTHERWISE INDICATED

MEMORANDUM

TO: MID-COUNTY WWTP REVIEW BOARD
 FROM: TIM GUYSKY, WWTP Superintendent, Board Secretary
 DATE: May 22, 2024
 RE: FY 2024-25 SERVICE UNIT O & M CHARGE, REPLACEMENT CHARGE AND DEBT SERVICE CHARGE

For Fiscal Year 2024-25, the City of Owosso requests Review Board approval for the Operation and Maintenance (O & M) Charge of \$2,041,853 to be billed to the Service Units monthly at \$170,154 proportioned by metered flow. Amounts as follows, but please note the flow % is a projection based on FY 2022-23 flows. Amounts will be billed based on the actual flows for each specific month.

Service Unit	Flow %	Amount
City of Owosso	66.97	\$1,367,429
Owosso Township	12.89	\$263,195
Caledonia Township	6.43	\$131,291
City of Corunna	13.71	\$279,938

The City of Owosso also requests Review Board approval for a Replacement Charge of \$288,661 proportioned by metered flow and \$125,605 by contract percentage, for a total of \$414,266 to be billed to the Service Units monthly at \$34,522. Amounts as follows, but please note the flow % is a projection based on FY 2022-23 flows. Amounts will be billed based on the actual flows for each specific month.

Service Unit	Flow %	Amount
City of Owosso	66.97	\$193,316
Owosso Township	12.89	\$37,208
Caledonia Township	6.43	\$18,561
City of Corunna	13.71	\$39,575

Service Unit	Contract %	Amount
City of Owosso	53.0	\$66,571
Owosso Township	21.5	\$27,005
Caledonia Township	16.3	\$20,474
City of Corunna	9.2	\$11,556

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Debt Service Charges for Fiscal Year 2024-25 will be \$1,064,144 to be billed monthly at \$88,679 by contract percentage. Amounts as follows:

Service Unit	Contract %	Amount
City of Owosso	53.0	\$563,996
Owosso Township	21.5	\$228,791
Caledonia Township	16.3	\$173,455
City of Corunna	9.2	\$97,901

TJG