

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

MEETING NOTICE

DATE: April 22, 2025 (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) January 28, 2025*
4. Secretary's Report
 - a) Plant Performance Summary (January – March 2025)*
 - b) Plant Operations and staffing
 - c) WWTP project updates: Solids Handling Project, Phase I, Secondary Clarifier
5. Old Business
 - a) Board Alternate Requirement
 1. Corunna
 2. Caledonia Township
6. New Business
 - a) FY2025-26 Service Unit Charges*
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 April 22, 2025.

OWOSSO MID-COUNTY WWTP REVIEW BOARD

Tuesday, April 22, 2025

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/89696215885?pwd=BxabtZPsmVGqYIEVCNDSS7Eg7atFbw.1>
- **Meeting ID:** 896 9621 5885
- **Password:** 680153
- **One tap mobile**
+16469313860,,89696215885#,,,,*680153# US
+13017158592,,89696215885#,,,,*680153# US (Washington DC)
- **Dial by your location**
+1 646 931 3860 US (Chicago)
+1 301 715 8592 US (Washington DC)
- **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 April 22, 2025 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**

January 28, 2025

4:30 P.M.

W.W.T.P.

1. Roll (4:40 P.M.)
Members Present: R. Suchanek, L. Walker, Jonathon Archer (new member representing Owosso Township), Amy Holek (new member representing Caledonia Township)
Alternates Present: N. Henne
Others Present: T. Guysky, WWTP Superintendent/Board Secretary
J. Bloomfield, Owosso Twp/Caledonia Twp Utility Authority
B. Langtry, Owosso Twp/Caledonia Twp Utility Authority
2. Agenda Approval: Motion by Suchanek to add discussion regarding Board alternates and approve modified agenda. Support by Archer. No discussion. Motion carries 4-0.
3. Board Alternate Requirements: Guysky noted per 1977 WWTP Agreement, each service unit must designate an alternate Board member. It was confirmed that City of Owosso and Owosso Township currently have an alternate in place, while Caledonia Township and City of Corunna do not. Holek and Walker, respectively indicated they would work on meeting this requirement.
4. Minutes of the September 24, 2024 meeting: Motion by Suchanek to approve the September 24, 2024 meeting minutes. Support by Walker. No Discussion. Motion carries 4-0.
5. Secretary's Report:
 - a) Plant Performance Summary (September-December 2024): Guysky discussed the Ammonia-Nitrogen permit exceedance in September, as well as the limited troubleshooting options and noted full permit compliance in the October through December months.
 - b) Plant Operations and Staffing: Guysky noted ongoing challenges with the plant process due to construction activities. One of the two operator/mechanic staff retired in December, with no replacement planned for that position. The plant is currently advertising for one attendant position.
 - c) WWTP Project Updates: Guysky updated the Board on the current projects. The Solids Handling Project is nearing completion, with only one small punch list item remaining. The Phase I Project work is progressing at the expected pace thus far, with disinfection and filtration equipment startup scheduled for late February 2025. The Secondary Clarifier construction is well underway, with the new drying bed available for use.

6. Old Business:
- a) Equivalent Sewer Use Ordinance: Guysky provided updates on the state of each service unit's sewer use ordinance.
 1. Owosso Township: Up to date with correct amendments in place.
 2. Caledonia Township: Recent amendments contained a typographical error and were missing one definition amendment. There is also a historical typographical error that has been noticed and will need correction. Guysky will provide Holek with the corrections and she will begin the amendment process.
 3. Utility Authority: The ordinance has not been updated. Guysky noted Michigan EGLE reporting requires the City of Owosso to confirm from time to time that complete and correct interjurisdictional agreements are in place. The City will be unable to confirm this with the Utility Authority ordinance in its current state.
7. New Business:
- a) 2024 Service Unit Flow Summary: Guysky explained the flow data summaries included in the meeting packet, with special emphasis on the June-October averages and their meaning.
 - b) Continuation of Public Virtual Option for Review Board Meetings: Following discussion, motion by Suchanek to continue the virtual option for the public as currently operated. Support by Archer. No further discussion. Motion carried 4-0.
8. Citizens'/Members' Comments:
NONE
9. Adjourn: Motion to adjourn by Holek. Support by Walker. No discussion. Motion carries 4-0. Meeting adjourned at 5:17 p.m.

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

PLANT PERFORMANCE SUMMARY

	PERMIT LIMIT	CURRENT YEAR JANUARY 2025		PREVIOUS YEAR JANUARY 2024	
PLANT FLOW					
AVERAGE	No Limit	2.87	MGD	5.63	MGD
MAXIMUM	No Limit	3.76	MGD	12.86	MGD
PRECIPITATION		0.94	Inches	3.97	Inches
CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND (CBOD-5)					
"30 Day" Average	25 mg/L	4.5	mg/L	7.3	mg/L
Worst 7 Day Average	NO LIMIT	5.5	mg/L	9.7	mg/L
Maximum Day	40 mg/L	6.0	mg/L	12.0	mg/L
"30 Day" Average	1300 lbs/day	108	lbs/day	351	lbs/day
Maximum 7 Day Average	2000 lbs/day	136	lbs/day	713	lbs/day
Percent Removal	85%	93	%	87	%
TOTAL SUSPENDED SOLIDS (T.S.S.)					
"30 Day" Average	30 mg/L	14	mg/L	15	mg/L
Maximum 7 Day Average	45 mg/L	15	mg/L	23	mg/L
"30 Day" Average	1500 lbs/day	327	lbs/day	768	lbs/day
Maximum 7 Day Average	2300 lbs/day	369	lbs/day	1740	lbs/day
Percent Removal	85%	90	%	86	%
AMMONIA NITROGEN (NH3-N)					
"30 Day" Average	11 mg/L	1.28	mg/L	1.26	mg/L
Maximum Day	15 mg/L	2.16	mg/L	2.78	mg/L
"30 Day" Average	530 lbs/day	29.8	lbs/day	55	lbs/day
Maximum 7 Day Average	750 lbs/day	74.9	lbs/day	90	lbs/day
TOTAL PHOSPHORUS					
"30 Day" Average	1.0 mg/l	0.79	mg/L	0.78	mg/L
"30 Day" Average	50 lbs/day	19	lbs/day	36	lbs/day
DISSOLVED OXYGEN					
Minimum	G.T. 3.0 mg/L	7.2	mg/L	9.5	mg/L
pH					
Maximum	L.T. 9.0	7.83		7.87	
Minimum	G.T. 6.5	7.18		7.38	
TOTAL RESIDUAL CHLORINE (TRC)					
Maximum	38 ug/L	< 10	ug/L	< 10	ug/L
FECAL COLIFORM					
"30 Day" Mean	200 Col./100 mls	9	Col./100mls	79	Col./100mls
Maximum 7 Day Mean	400 Col./100mls	60	Col./100mls	246	Col./100mls
COMPLIANCE		Complied with all permit limits		Complied with all permit limits	

CODE: L.T. = LESS THAN
G.T. = GREATER THAN
N.R. = NOT REQUIRED

NOTE: ALL PERMIT LIMITS ARE MAXIMUMS UNLESS OTHERWISE INDICATED

PLANT PERFORMANCE SUMMARY

	PERMIT LIMIT	CURRENT YEAR FEBRUARY 2025		PREVIOUS YEAR FEBRUARY 2024	
PLANT FLOW					
AVERAGE	No Limit	2.65	MGD	4.56	MGD
MAXIMUM	No Limit	3.51	MGD	8.32	MGD
PRECIPITATION		1.27	Inches	0.34	Inches
CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND (CBOD-5)					
"30 Day" Average	25 mg/L	4.3	mg/L	6.4	mg/L
Worst 7 Day Average	NO LIMIT	4.6	mg/L	9.0	mg/L
Maximum Day	40 mg/L	6.2	mg/L	8.8	mg/L
"30 Day" Average	1300 lbs/day	98	lbs/day	240	lbs/day
Maximum 7 Day Average	2000 lbs/day	122	lbs/day	679	lbs/day
Percent Removal	85%	94	%	87	%
TOTAL SUSPENDED SOLIDS (T.S.S.)					
"30 Day" Average	30 mg/L	13	mg/L	16	mg/L
Maximum 7 Day Average	45 mg/L	15	mg/L	24	mg/L
"30 Day" Average	1500 lbs/day	294	lbs/day	604	lbs/day
Maximum 7 Day Average	2300 lbs/day	334	lbs/day	1776	lbs/day
Percent Removal	85%	91	%	87	%
AMMONIA NITROGEN (NH3-N)					
"30 Day" Average	11 mg/L	1.71	mg/L	0.89	mg/L
Maximum Day	15 mg/L	3.42	mg/L	1.42	mg/L
"30 Day" Average	530 lbs/day	39.7	lbs/day	29.3	lbs/day
Maximum 7 Day Average	750 lbs/day	72	lbs/day	90.1	lbs/day
TOTAL PHOSPHORUS					
"30 Day" Average	1.0 mg/l	0.83	mg/L	0.95	mg/L
Maximum Day	No Limit	1.13	mg/L	1.40	mg/L
Maximum Day	No Limit	33	lbs/day	60	lbs/day
"30 Day" Average	50 lbs/day	19	lbs/day	34	lbs/day
DISSOLVED OXYGEN					
Minimum	G.T. 3.0 mg/L	7.1	mg/L	9.6	mg/L
pH					
Maximum	L.T. 9.0	8.31		8.00	
Minimum	G.T. 6.5	7.10		7.25	
TOTAL RESIDUAL CHLORINE (TRC)					
Maximum	0.038 mg/L	< 10	ug/L	< 10	ug/L
FECAL COLIFORM					
"30 Day" Mean	200 Col./100 mls	12	Col./100mls	45	Col./100mls
Maximum 7 Day Mean	400 Col./100mls	44	Col./100mls	238	Col./100mls
COMPLIANCE		Complied with all permit limits		Complied with all permit limits	

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N.R. = ANALYSIS NOT REQUIRED

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PLANT PERFORMANCE SUMMARY

	PERMIT LIMIT	CURRENT YEAR MARCH 2025		PREVIOUS YEAR MARCH 2024	
PLANT FLOW					
AVERAGE	No Limit	3.79	MGD	3.99	MGD
MAXIMUM	No Limit	5.60	MGD	4.70	MGD
PRECIPITATION		3.12	Inches	2.69	Inches
CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND (CBOD-5)					
"30 Day" Average	25 mg/L	4.0	mg/L	6.3	mg/L
Worst 7 Day Average	No Limit	4.8	mg/L	6.8	mg/L
Maximum Day	40 mg/L	8.0	mg/L	8.1	mg/L
"30 Day" Average	1300 lbs/day	130	lbs/day	206	lbs/day
Maximum 7 Day Average	2000 lbs/day	169	lbs/day	227	lbs/day
Percent Removal	85%	93	%	90	%
TOTAL SUSPENDED SOLIDS (T.S.S.)					
"30 Day" Average	30 mg/L	9	mg/L	15	mg/L
Maximum 7 Day Average	45 mg/L	15	mg/L	21	mg/L
"30 Day" Average	1500 lbs/day	297	lbs/day	496	lbs/day
Maximum 7 Day Average	2300 lbs/day	477	lbs/day	616	lbs/day
Percent Removal	85%	93	%	89	%
AMMONIA NITROGEN (NH3-N)					
"30 Day" Average	11 mg/L	0.76	mg/L	1.04	mg/L
Maximum Day	15 mg/L	2.91	mg/L	2.29	mg/L
"30 Day" Average	530 lbs/day	27.6	lbs/day	33.3	lbs/day
Maximum 7 Day Average	750 lbs/day	76.5	lbs/day	61.1	lbs/day
TOTAL PHOSPHORUS					
"30 Day" Average	1.0 mg/l	0.73	mg/L	0.75	mg/L
"30 Day" Average	50 lbs/day	23	lbs/day	25	lbs/day
DISSOLVED OXYGEN					
Minimum	G.T. 3.0 mg/L	7.4	mg/L	7.2	mg/L
pH					
Maximum	L.T. 9.0	8.35		7.71	
Minimum	G.T. 6.5	7.41		6.77	
TOTAL RESIDUAL CHLORINE (TRC)					
Maximum	38 ug/L	< 10	ug/L	< 10	ug/L
FECAL COLIFORM					
"30 Day" Mean	200 Col./100 mls	12	Col./100mls	12	Col./100mls
Maximum 7 Day Mean	400 Col./100mls	26	Col./100mls	80	Col./100mls
COMPLIANCE		Complied with all permit limits		Complied with all permit limits	

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MEMORANDUM

TO: MID-COUNTY WWTP REVIEW BOARD
 FROM: TIM GUYSKY, WWTP Superintendent, Board Secretary
 DATE: April 15, 2025
 RE: FY 2025-26 SERVICE UNIT O & M CHARGE, REPLACEMENT CHARGE AND DEBT SERVICE CHARGE

For Fiscal Year 2025-26, the City of Owosso requests Review Board approval for the Operation and Maintenance (O & M) Charge of \$2,049,681 to be billed to the Service Units monthly at \$170,807 proportioned by metered flow. Amounts as follows, but please note the flow % is a projection based on FY 2023-24 flows. Amounts will be billed based on the actual flows for each specific month.

Service Unit	Flow %	Amount
City of Owosso	68.11	\$1,396,038
Owosso Township	11.41	\$233,869
Caledonia Township	7.23	\$148,192
City of Corunna	13.25	\$271,583

The City of Owosso also requests Review Board approval for a Replacement Charge of \$289,654 proportioned by metered flow and \$125,606 by contract percentage, for a total of \$415,260 to be billed to the Service Units monthly at \$34,605. Amounts as follows, but please note the flow % is a projection based on FY 2023-24 flows. Amounts will be billed based on the actual flows for each specific month.

Service Unit	Flow %	Amount
City of Owosso	68.11	\$197,303
Owosso Township	11.41	\$33,053
Caledonia Township	7.23	\$20,944
City of Corunna	13.25	\$38,354

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

(continued next page)

Debt Service Charges for Fiscal Year 2025-26 will be \$420,609 to be billed monthly at \$35,051 by contract percentage. Amounts as follows:

Service Unit	Contract %	Amount
City of Owosso	53.0	\$222,923
Owosso Township	21.5	\$90,431
Caledonia Township	16.3	\$68,559
City of Corunna	9.2	\$38,696

TJG