

**PLEASE TAKE NOTICE THAT THE FOLLOWING MEETING WILL BE 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 June 27, 2023.

**OWOSSO MID-COUNTY WWTP REVIEW BOARD**

**Tuesday, June 27, 2023**

**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](mailto: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/81760786663?pwd=UWRWMGEvN3dVSHhudkdDcWJKNXp4UT09>
- **Meeting ID:** 817 6078 6663
- **Password:** 766989
- **One tap mobile**  
+16469313860,,81760786663#,,,\*766989# US  
+13017158592,,81760786663#,,,\*766989# US (Washington DC)
- **Dial by your location**  
+1 646 931 3860 US  
+1 301 715 8592 US (Washington DC)
- **For video instructions visit:**
  - o Signing up and Downloading Zoom <https://youtu.be/qsy2Ph6kSf8>
  - o Joining a Zoom Meeting <https://youtu.be/hIkCmbvAHQQ>
  - o 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 June 27, 2023 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](mailto: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](mailto:timothy.guysky@ci.owosso.mi.us). The City of Owosso Website address is [www.ci.owosso.mi.us](http://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 NOTICE**

**DATE:**           **June 27, 2023 (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) May 23, 2023\*
4. Secretary's Report
  - a) Plant Performance Summary (May 2023) \*
  - b) Plant Operations and staffing
  - c) WWTP project updates: Solids Handling Project; Secondary/Tertiary Process Rehab (Phase 1)
5. Old Business
  - a) Hydrogen Sulfide Study\*
    1. Readings at WWTP
    2. Odor Complaints
    3. Utility Authority Plan Progress
6. New Business
  - a) NONE
7. Citizens'/Members' comments
8. Adjourn

Tim Guysky, Secretary

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

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

May 23, 2023

4:30 P.M.

W.W.T.P.

1. Roll (4:30 P.M.)  
Members Present: R. Holzheuer, R. Suchanek, J. Archer, J. Sawyer  
Alternates Present: NONE  
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. Minutes of the April 25, 2023 meeting: Motion by Archer to approve the April 25, 2023 meeting minutes. Support by Suchanek. No Discussion. Motion carries 3-1 (Archer-yes, Holzheuer-yes, Suchanek-yes, Sawyer-no).
3. Secretary's Report:
  - a) Plant Performance Summary (April 2023): Guysky noted full permit compliance for April 2023.
  - b) Plant Operations and Staffing: Guysky noted lower flows since the early April wet weather, with chemical and energy use and plant efficiencies back to dry weather ranges. There was a short discussion on plant operation during the April "maximum flow" period. With regard to staffing, there are two positions in process of being filled: Operator/Mechanic and Plant Shift Attendant. A seasonal part time position has been filled, with plans to utilize that person in the laboratory.
  - c) WWTP Project Updates: Guysky notified the Board construction on the Solids Handling project is progressing with major equipment closer to delivery and install. The new screw presses will likely be in operation by the end of August. Lead times on other equipment will extend project completion into early 2024. The Secondary/Tertiary rehab project (a.k.a. Phase I) is currently out for bid, with bid opening scheduled for June 6, bid award June 20, anticipated loan closing August 28, and construction starting by October.
4. Old Business:
  - a) Hydrogen Sulfide Mitigation: Guysky noted the final H2S report was emailed with to Board members with the meeting packet. Langtry updated the Board on the Utility Authority progress toward mitigation, noting they were working with their consulting firm and were unsure of their ability to meet the August 1, 2023 date to have any measures in place. He also noted he has purchased an ORP meter at the consultant's direction and would begin gathering that data soon.

5. New Business:
  - a) FY 2023-24 Service Unit Charges: Motion by Suchanek to approve the Operation and Maintenance (O&M) Charge of \$1,850,637 to be billed to the Service Units monthly at \$154,220 proportioned by metered flow. Support by Sawyer. Archer asked how much of an increase this was over the last fiscal year charge. Suchanek clarified that it was a slight decrease. Motion carries 4-0. Motion by Archer to approve the Replacement Charge of \$422,523 with \$296,918 proportioned by metered flow and \$125,605 by contract percentage, to be billed to the Service Units monthly at \$35,210. Support by Suchanek. No discussion. Motion carried 3-1 (Archer-yes, Holzheuer-yes, Suchanek-yes, Sawyer-no).
6. Citizens'/Members' Comments:

Suchanek clarified for Archer that the City of Owosso fiscal year runs from July 1 – June 30.
7. Adjourn: Motion to adjourn by Suchanek. Support by Holzheuer. No discussion. Motion carries 4-0. Meeting adjourned at 4:53 p.m.

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

## PLANT PERFORMANCE SUMMARY

	PERMIT LIMIT	CURRENT YEAR MAY 2023		PREVIOUS YEAR MAY 2022		
PLANT FLOW						
AVERAGE	No Limit	3.15	MGD	4.20	MGD	
MAXIMUM	No Limit	4.19	MGD	6.05	MGD	
PRECIPITATION		0.95	Inches	3.32	Inches	
CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND (CBOD-5)						
"30 Day" Average	25 mg/L	3.1	mg/L	4.4	mg/L	
Maximum 7 Day Average	NO LIMIT	3.6	mg/L	5.0	mg/L	
Maximum Day	40 mg/L	12.0	mg/L	12.0	mg/L	
"30 Day" Average	1300 lbs/day	83	lbs/day	154	lbs/day	
Maximum 7 Day Average	2000 lbs/day	119	lbs/day	205	lbs/day	
Percent Removal	85%	95	%	92	%	
TOTAL SUSPENDED SOLIDS (T.S.S.)						
"30 Day" Average	30 mg/L	6	mg/L	8	mg/L	
Maximum 7 Day Average	45 mg/L	10	mg/L	9	mg/L	
"30 Day" Average	1500 lbs/day	168	lbs/day	272	lbs/day	
Maximum 7 Day Average	2300 lbs/day	324	lbs/day	363	lbs/day	
Percent Removal	85%	96	%	93	%	
AMMONIA NITROGEN (NH3-N)						
"30 Day" Average	11 mg/L	0.06	mg/L	0.04	mg/L	
Maximum Day	15 mg/L	0.12	mg/L	0.06	mg/L	
"30 Day" Average	530 lbs/day	1.5	lbs/day	1.4	lbs/day	
Maximum 7 Day Average	750 lbs/day	2.5	lbs/day	9.2	lbs/day	
TOTAL PHOSPHORUS						
"30 Day" Average	1.0 mg/l	0.9	mg/L	0.7	mg/L	
"30 Day" Average	50 lbs/day	24	lbs/day	24	lbs/day	
DISSOLVED OXYGEN						
Minimum	G.T. 3.0 mg/L	7.4	mg/L	9.9	mg/L	
pH						
Maximum	L.T. 9.0	8.55		8.45		
Minimum	G.T. 6.5	7.81		8.19		
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	22	Col./100mls	
Maximum 7 Day Mean	400 Col./100mls	27	Col./100mls	55	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