

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 July 25, 2023.

OWOSSO MID-COUNTY WWTP REVIEW BOARD

Tuesday, July 25, 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 a minimum of 24 hours prior to the meeting.

VIRTUAL OPTION DETAILS:

- **Join Zoom Meeting:**
<https://us02web.zoom.us/j/89696709658?pwd=aU5aUfNqYXV4amljQ2tBNG0rZEV0dz09>
- **Meeting ID:** 896 9670 9658
- **Password:** 682232
- **One tap mobile**
+13092053325,,89696709658#,,, *682232# US
+13126266799,,89696709658#,,, *682232# US (Chicago)
- **Dial by your location**
+1 309 205 3325 US
+1 312 626 6799 US (Chicago)
- **For video instructions visit:**
 - o Signing up and Downloading Zoom <https://youtu.be/qsy2Ph6kSf8>
 - o Joining a Zoom Meeting <https://youtu.be/hlkCmbvAHQQ>
 - 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 July 25, 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.

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 NOTICE

DATE: **July 25, 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) June 27, 2023*
4. Secretary's Report
 - a) Plant Performance Summary (June 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. 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

June 27, 2023

4:30 P.M.

W.W.T.P.

1. Roll (4:31 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 Suchanek. No discussion. Motion carries 3-0.
3. Minutes of the May 23, 2023 meeting: Motion by Suchanek to approve the May 23, 2023 meeting minutes. Support by Holzheuer. No Discussion. Motion carries 3-0.
3. Secretary's Report:
 - a) Plant Performance Summary (May 2023): Guysky noted full permit compliance for May 2023.
 - b) Plant Operations and Staffing: Guysky noted low flow/dry weather conditions allowing for efficient operations and discussed maintenance activities related to plant tertiary pumps. With regard to staffing, two positions remain unfilled: Operator/Mechanic and Plant Shift Attendent.
 - c) WWTP Project Updates: Suchanek notified the Board the Solids project is currently paused due to building structural issues uncovered during painting activities. Temporary shoring and permanent repair is needed. Project contingency funds first then Replacement Fund monies will be used to pay for the additional work. Work in other parts of the building will resume next week. The Secondary/Tertiary rehab project (a.k.a. Phase I) bids came in significantly over budget and ability to finance. Bidders were allowed to submit deductions. With deductions considered, the project was then awarded to RCL Construction, with a bid just under \$19,000,000. Items removed from the project include the nitrification tower rehabilitation, the redundant 3rd disc filter, lift station SCADA, and the plant-wide security camera system. In addition to being the ultimate low bidder, RCL is also providing a more complete paint scope than the other bidder.

4. Old Business:
 - a) Hydrogen Sulfide Study
 1. Readings at WWTP: H₂S levels in the WWTP screening room are beginning to increase as typical of low flow conditions.
 2. Odor Complaints: WWTP staff recently fielded a residential odor complaint related to elevated H₂S levels.
 3. Utility Authority Plan Progress: Langtry updated the Board on the Owosso Township-Caledonia Township Utility Authority efforts toward H₂S mitigation, including data collection and chemical treatment investigation. He will forward data to the Authority's consulting engineer and consider their recommendations toward temporary and permanent resolution.
5. New Business:

NONE
6. Citizens'/Members' Comments:

NONE
7. Adjourn: Motion to adjourn by Holzheuer. Support by Suchanek. No discussion. Motion carries 3-0. Meeting adjourned at 5:39 p.m.

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

PLANT PERFORMANCE SUMMARY

		PERMIT LIMIT	CURRENT YEAR JUNE 2023		PREVIOUS YEAR JUNE 2022	
PLANT FLOW						
AVERAGE	No Limit	2.34	MGD	2.84	MGD	
MAXIMUM	No Limit	2.77	MGD	3.36	MGD	
PRECIPITATION		1.77	Inches	1.51	Inches	
CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND (CBOD-5)						
"30 Day" Average	15 mg/L	2.5	mg/L	3.3	mg/L	
Maximum 7 Day Average	No Limit	3.2	mg/L	4.0	mg/L	
Maximum Day	23 mg/L	4.2	mg/L	5.0	mg/L	
"30 Day" Average	750 lbs/day	50	lbs/day	79	lbs/day	
Maximum 7 Day Average	1100 lbs/day	67	lbs/day	95	lbs/day	
Percent Removal	No Limit	97	%	96	%	
TOTAL SUSPENDED SOLIDS (T.S.S.)						
"30 Day" Average	30 mg/L	3	mg/L	4	mg/L	
Maximum 7 Day Average	45 mg/L	4	mg/L	6	mg/L	
"30 Day" Average	1500 lbs/day	65	lbs/day	108	lbs/day	
Maximum 7 Day Average	2300 lbs/day	87	lbs/day	170	lbs/day	
Percent Removal	85%	98	%	97	%	
AMMONIA NITROGEN (NH3-N)						
"30 Day" Average	No Limit	0.06	mg/L	0.04	mg/L	
Maximum Day	8.0 mg/L	0.28	mg/L	0.07	mg/L	
"30 Day" Average	No Limit	1.2	lbs/day	0.9	lbs/day	
Maximum 7 Day Average	400 lbs/day	2.0	lbs/day	1.2	lbs/day	
TOTAL PHOSPHORUS						
"30 Day" Average	1.0 mg/l	0.76	mg/L	0.83	mg/L	
"30 Day" Average	50 lbs/day	15	lbs/day	20	lbs/day	
DISSOLVED OXYGEN						
Minimum	G.T. 5.0 mg/L	9.1	mg/L	9.4	mg/L	
pH						
Maximum	L.T. 9.0	8.46		8.48		
Minimum	G.T. 6.5	8.12		8.17		
TOTAL RESIDUAL CHLORINE (TRC)						
Maximum	38 ug/L	< 10	ug/L	10	ug/L	
FECAL COLIFORM						
"30 Day" Mean	200 Col./100 mls	4	Col./100mls	4	Col./100mls	
Maximum 7 Day Mean	400 Col./100mls	7	Col./100mls	11	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