

PUBLIC NOTICE

PUBLIC NOTICE OF A DRAFT NPDES PERMIT TO DISCHARGE INTO WATERS OF THE UNITED STATES

U.S. Environmental Protection Agency
Region 5, NPDES Programs Branch - WN-16J
77 West Jackson Boulevard
Chicago, Illinois 60604
(312) 886-6106

Public Notice No.: 15-02-01-A

Public Notice Issued On: February 4, 2015

Comment period ends: March 6, 2015

Permit No.: MI-0023655-3 (Reissuance)

Application No.: MN-0023655-3

Name and Address of Applicant:

City of Mt. Pleasant
320 West Broadway
Mt. Pleasant, Michigan 48858

**Name and Address of Facility
Where Discharge Occurs:**

Mt. Pleasant Wastewater Treatment Plant
1303 N. Franklin Street
Mt. Pleasant, Michigan 48858
Isabella County
(S.W. ¼ of the N.E. ¼ of S10,T14N,R4W)

Receiving Water: Chippewa River

DESCRIPTION OF APPLICANT'S FACILITY AND DISCHARGE

The above named applicant has applied for an NPDES Permit to discharge into the designated receiving water. The discharge is located within the exterior boundaries of the Isabella Indian Reservation. The U. S. Environmental Protection Agency has retained the authority to issue NPDES permits to facilities with discharges to waters of the United States within the boundaries of Indian Reservations. The permit will be issued by EPA.

Wastewater enters the plant through either an inline grinder or a bar screen and is pumped into an aerated grit removal chamber where it is also treated for phosphorus removal. The flow is then split and sent to five primary clarifiers. After clarification the effluent is pumped up to the biotowers for the removal of soluble CBOD and is then sent through a series of rotating biological contactors for further CBOD removal and nitrogen removal. The effluent is then sent to a final clarifier and then through one of two chlorine contact tanks. Finally the effluent is de-chlorinated and discharged over a cascade to further aerate it before it enters the Chippewa River. Sludge is sent through two anaerobic digesters in series. Supernatant is decanted and routed back to the headworks. The sludge is then stored until it is land applied at agronomic rates. The treatment facility has a design flow of 4.14 million gallons per day of wastewater.

Proposed Effluent Limitations:

Monitoring Point 001A- the permittee is authorized to discharge of treated municipal wastewater from Monitoring Point 001A through Outfall 001. Outfall 001 discharges to the Chippewa River.

Parameter	Date	30-day average	7-day Average	Daily Maximum	Daily Minimum
Flow	All year	Report		Report	---
Carbonaceous Biochemical Oxygen Demand (CBOD ₅)	May 1- Sept. 30	13 mg/L 450 lbs/d		19 mg/L 660 lbs/d	
	Oct. 1 – Apr. 30	25 mg/L 860 lbs/d	40 mg/L 1400 lbs/d		
Total Suspended Solids	All Year	30 mg/L 1000 lbs/d	45 mg/L 1600 lbs/d		
Ammonia	May 1- Sept. 30		170 lbs/d	5.0 mg/L	
	Oct. 1- Apr. 30			Report	
Dissolved Oxygen	All Year				5 mg/L
E.coli	All Year	126 E. coli/100 ml		410 E. coli/100 ml	
Total Phosphorus	All Year	1.0 mg/L 35 lbs/d	2.0 mg/L 69 lbs/d		
Total Mercury 12-Month rolling Average	All Year	8.0 ng/L 0.00028 lbs/d			
Total Selenium	All Year	21 ug/L		0.74 lbs/d	
pH	All Year			9.0 S.U.	6.5 S.U.
Total Residual Chlorine	All Year			0.38 mg/L	

The limits were developed to ensure compliance with 40 CFR parts 131 and 133 and protection of Michigan water quality standards (WQS) where they are applicable. Michigan WQS must be met at the boundary of the Indian Reservation. In this regard, EPA coordinated with the Michigan Department of Environmental Quality (MDEQ) to develop limits for this facility that would be protective of state WQS where they are applicable. The Discharge-Specific Level Currently Achievable (LCA) for Total Mercury was developed in accordance with the MDEQ's approved Multiple Discharger Variance (MDV). A copy of the MDV may be obtained via the Internet at (<http://www.michigan.gov/deqnpdes> - click on 'Applicable Rules and Regulations'). EPA believes the use of the LCA limit is appropriate in this permit as there are no federally approved water quality standards for mercury applicable at the point of discharge. Using the LCA limit at the point of discharge will ensure that Michigan's WQS are protected at the reservation boundary. The permit also requires compliance with 40 CFR Part 503 when sludge is used or disposed, and 40 CFR Part 403 to prevent any pass through of pollutants or any inhibition or disruption of the permittee's facility.

The following land application sites have been identified as potential sites to receive sewage sludge during the permit term. It is not expected additional sites will be needed, however, the permit requires notification both to EPA and locally if additional sites will be used. As new sites are

identified, information on those sites will be available for inspection at the Regional Office.

Site Indicator	Owner	Farmer	Acre	Latitude	Longitude
16N03W32-DB01	David Dellimar	David Dellimar	34	43:44:28	84:42:05
14N05W12-LC01	Larry Coldwell	Larry Coldwell	71	43:37:12	84:51:09
14N05W07-LC01	Larry Coldwell	Larry Coldwell	20	43:36:57	84:50:42
14N05W07-LC02	Larry Coldwell	Larry Coldwell	40	43:37:08	84:50:44
14N05W07-LC03	Larry Coldwell	Larry Coldwell	87	43:37:24	84:50:48
14N05W07-LC04	Larry Coldwell	Larry Coldwell	36	43:37:18	84:50:09
15N04W30-TC01	Terry Coughlin	Terry Coughlin	18	43:39:27	84:50:46
15N04W31-TC01	Terry Coughlin	Terry Coughlin	30	43:39:11	84:50:43
15N05W20-CC01	Charles Cutler	Charles Cutler	34	43:40:14	84:55:52
15N05W20-CC02	Charles Cutler	Charles Cutler	38	43:40:24	84:55:50
15N05W29-CC01	Charles Cutler	Charles Cutler	35	43:40:13	84:56:06
15N05W20-CC02	Charles Cutler	Charles Cutler	34	43:40:02	84:55:51
14N04W03-ME01	Matt Engler	Robert Murphy	87.7	43:37:49	84:46:54
15N03W09-JK01	John Kampf	John Kampf	36	43:42:03	84:41:08
15N03W08-JK01	John Kampf	John Kampf	38	43:42:03	84:41:29
15N03W21-JK01	John Kampf	John Kampf	27	43:40:50	84:40:52
14N06W2402-RL01	Rudolph Leuder	Rudolph Leuder	68	43:35:34	84:58:33
14N06W2402-RL02	Rudolph Leuder	Rudolph Leuder	59	43:35:11	84:58:23
14N04W17-RM01	Robert Murphy	Robert Murphy	62.5	43:36:28	84:49:37
14N04W18-RM01	Robert Murphy	Robert Murphy	64.3	43:62:17	84:50:37
14N04W18-RM02	Robert Murphy	Robert Murphy	61.6	43:36:35	84:50:02
14N04W28-LO01	L O'Brian	L O'Brian	29	43:34:23	84:48:13
14N04W28-LO02	L O'Brian	L O'Brian	27	43:34:17	84:48:12
14N04W28-LO03	L O'Brian	L O'Brian	18	43:34:10	84:48:13
14N04W29-LO01	L O'Brian	L O'Brian	59.3	43:34:10	84:48:46
14N04W21-CR01	Carl Recker	Carl Recker	114	43:30:25	84:47:37
14N04W33-RR01	Raymond Recker	Raymond Recker	56	43:33:25	84:47:56
14N06W13-RD01	Recker Dairy	Recker Dairy	64	43:36:10	84:59:08
14N06W14-RD01	Recker Dairy	Recker Dairy	42	43:36:01	84:59:29
14N05W17-RD01	Recker Dairy	Recker Dairy	40	43:36:31	84:56:19
14N06W23-RD01	Recker Dairy	Recker Dairy	52.5	43:35:05	84:59:40
15N06W28-MR01	Milo Roberson	Milo Roberson	130	43:39:32	85:01:55
13N04W05-WW01	Wayne Whitehead	Wayne Whitehead	68	43:33:04	84:49:08
13N04W05-WW02	Wayne Whitehead	Wayne Whitehead	32	43:33:03	84:49:30
14N04W19-WW01	Wayne Whitehead	Wayne Whitehead	105	43:35:09	84:00:39
14N04W29-WW01	Wayne Whitehead	Wayne Whitehead	165.5	43:34:39	84:49:22

SECTION 401 WATER QUALITY CERTIFICATION

EPA is the appropriate authority for purposes of certifying the proposed discharge under Section 401 of the Clean Water Act. Section 401 certification is not needed from the MDEQ nor the Saginaw Chippewa Indian Tribe as neither has federally approved water quality standards applicable to the receiving water at the point of discharge, however as stated above, EPA believes the effluent limitations included in the draft permit meet state water quality standards at the reservation boundary.

ESA AND NHPA COMPLIANCE

EPA has satisfied its requirements under the Endangered Species Act and the National Historical Preservation Act. Since this is an existing facility with no new planned expansion or construction expected within the permit term, it is believed that the issuance of the permit and the continued operation of the facility and associated discharge will have no effect on endangered or threatened species or their critical habitat and will have no impact on historical, archeological, or cultural resources.

TENTATIVE DETERMINATION

On the basis of preliminary staff review and application of applicable standards and regulations, the Regional Administrator of EPA, Region 5 proposes to reissue a permit for the discharge from the Mt. Pleasant Wastewater Treatment Plant subject to certain effluent limitations and special conditions.

COMMENT PROCEDURES

The determination to issue an NPDES permit is tentative. Interested persons are invited to submit written comments on the draft permit. EPA's Comment and Public Hearing procedures may be found at 40 CFR 124.10, 124.11, 124.12, and 124.13. The following is a summary of those procedures:

1. The comment period during which written comments on the draft permit may be submitted extends until **March 6, 2015**.
2. During the comment period, any interested person may request a public hearing by filing a written request which must state the issues to be raised. The last day for filing a request for public hearing is **March 6, 2015**.
3. In appropriate cases, including those where there is significant public interest, the EPA Regional Administrator may hold a public hearing. A decision has not yet been made as to whether a public hearing will be held for this permit. Public notice of such a hearing will be circulated in at least one newspaper in the geographical area of the discharge and to those persons on the EPA mailing list at least 30 days prior to the hearing.
4. All comments received after **March 6, 2015**, may not be considered in the formulation of final determinations.
5. Written comments or request for a public hearing must be delivered or mailed to: John A. Colletti, U.S. Environmental Protection Agency, Region 5, NPDES Programs Branch - WN-16J, 77 West Jackson Boulevard, Chicago, Illinois 60604 or sent via email to colletti.john@epa.gov

The application and Public Notice numbers should appear next to the EPA address on the envelope and on each page of any submitted comments. It is important that all viewpoints are considered before taking action. Therefore, we greatly appreciate your time and effort in participating in the public participation process.

PETITION TO REVIEW

Within 30 days following the service of notice of the Regional Administrator's final permit decisions, any person who filed comments on the draft permits or participated in a public hearing, if held, may petition the Environmental Appeals Board to review any condition of the permit decision. All documents that are sent through the U.S. Postal Service (except by Express Mail) **MUST** be sent to the following address: Clerk of the Board, U.S. Environmental Protection Agency, Environmental Appeals Board, 1200 Pennsylvania Avenue, NW, Mail Code 1103M, Washington, DC 20460-0001.

All mail sent to the Environmental Appeals Board may be delayed by a random sterilization procedure. Parties are encouraged to utilize the Board's e-filing system or hand or courier delivery when filing pleadings with the Board to avoid potential delays.

Documents that are hand-carried in person, delivered via courier, mailed by Express Mail, or delivered by a non-U.S. Postal Service carrier (e.g., Federal Express or UPS) **MUST** be delivered to: Clerk of the Board, U.S. Environmental Protection Agency, Environmental Appeals Board, 1201 Constitution Avenue, NW, U.S. EPA East Building, Room 3334, Washington, DC 20004

Documents that are hand-carried may be delivered to the Clerk of the Board between 8:30 a.m. and 4:30 p.m., Monday through Friday (excluding federal holidays).

AVAILABILITY OF DOCUMENTS

The application, draft permit, including proposed effluent limitations and special conditions, fact sheet, and other documents contained in the administrative record, are available for inspection and may be copied at a cost of 15 cents per page at the Chicago Regional offices of the Environmental Protection Agency anytime between 9:00 a.m. and 4:00 p.m., Monday through Friday. You may also view the public notice, statement of basis, and draft permit on Region 5's website at “<http://www.epa.gov/region5/water/npdestek/index.htm>”. All data submitted by the applicant is available as part of the administrative record. For more information, please contact John Colletti at (312) 886-6106 or by e-mail at colletti.john@epa.gov.

Unless a public hearing is scheduled, the EPA will issue a final determination as to the reissuance of the permit in a timely manner after the expiration of the public comment period. If you would like to receive a copy of the final determination, please submit a request during the comment period to the above address. Please bring the foregoing to the attention of persons whom you know would be interested in this matter.