

PUBLIC NOTICE

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

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

Public Notice No.: 20-01-01-A

Public Notice Issued On: January 29, 2020

Comment period ends: February 28, 2020

Permit No.: MI-0023655-4 (Reissuance)

Application No.: MN-0023655-4

Name and Address of Applicant:

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

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

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. The effluent is de-chlorinated and discharged over a cascade to further aerate it before it enters the Chippewa River (Outfall 001). 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.

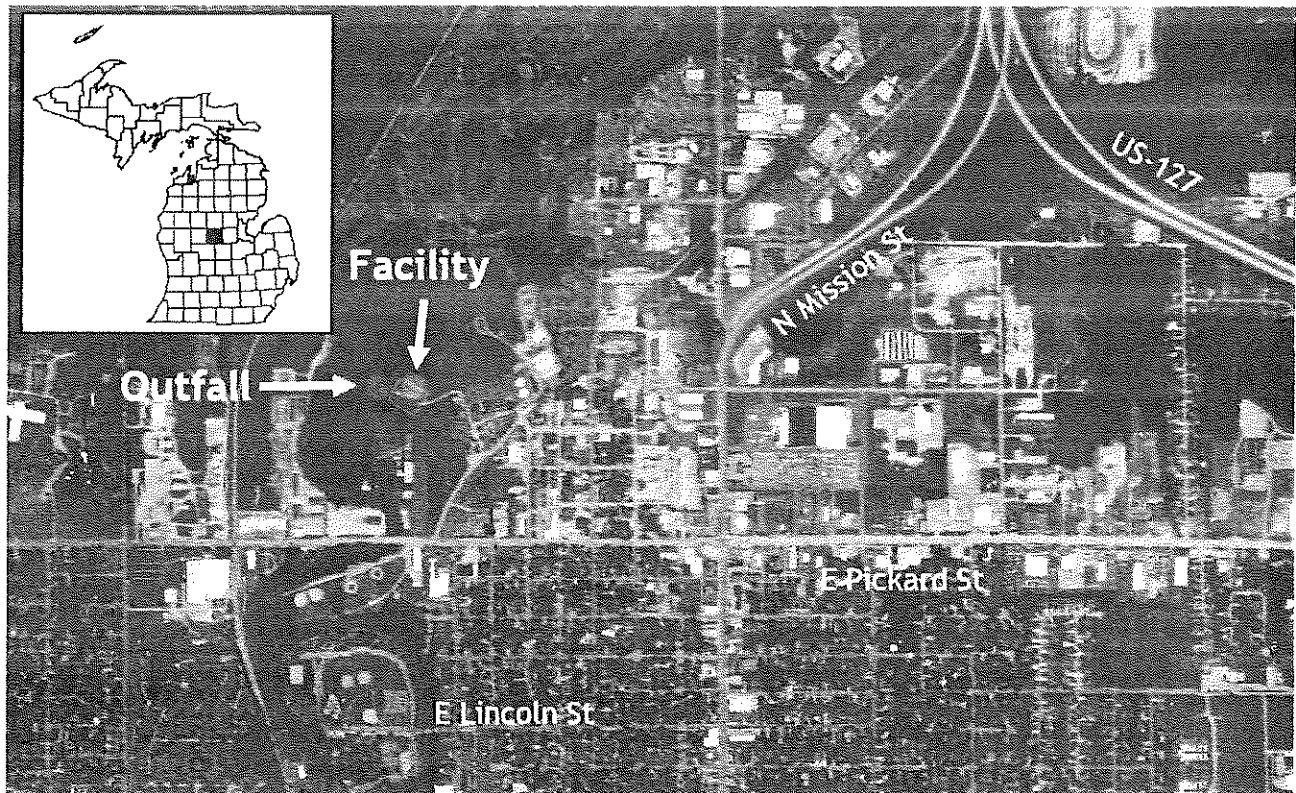
The applicant has also identified in the permit application a second outfall (Outfall 002) from a retention basin. It allows, in an emergency, the retention basin to be used as a primary settling tank which can be chlorinated prior to discharge. It is constructed in such a way that wastewater can be diverted to the retention basin to provide additional settling, to capture a slug load of toxic material or to completely bypass the plant. According to the applicant, Outfall 002 has only been used twice during extreme flood events. In both cases, the river back filled the basin.

MAP OF DISCHARGE LOCATION

Facility Coordinates

Latitude 43.6156

Longitude -84.7782



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 ID Number	Acres	Latitude/ Longitude
16N03W32-DB01	34	43:44:32.61/ 84:41:51.83
14N04W05-TB01	24	43:38:06/ 84:49:34

14N04W06-TB01	82	43:37:43/ 84:50:08
15N04W32-GM01	31	43:39:02/ 84:49:35
14N04W07-LC03	87	43:37:27/ 84:50:47
14N04W07-LC01	20	43:36:57/ 84:50:42
14N05W12-LC01	71	43:37:12/ 84:51:86
15N04W30-TC01	18	43:39:45/ 84:50:45
15N04W31-TC01	30	43:39:10/ 84:50:42
15N05W20-CC01	34	43:40:237/ /84:55:872
15N05W20-CC02	38	43:40:24/ 84:55:50
15N05W29-CC01	35	43:40:57/ 84:56:94
15N05W29-CC02	34	43:40:22/ 84:55:51
15N03W08-JK01	38	43:42:47/ 84:41:28
15N03W09-JK01	36	43:42:27/ 84:41:84
14N06W24-RL01	68	43:35:33/ 84:58:33
14N06W24-RL02	59	43:35:11/ 84:58:23
13N05W03-CA01	75	43:36:57 / 84:50:42
14N04W17-RM01	62.5	43:36:28/ 84:49:37
14N04W17-VJ01	39	43:36:25/ 84:49:22
14N04W18-TM01	134	43:36:34/ 84:50:41
14N05W10-TM01	37	43:36:49/ 84:54:08
14N05W11-TM01	39	43:37:30/ 84:53:10
14N05W04-RM01	79	43:37:42 / 84:32:36
14N05W12-TM01	213	43:37:24/ 84:50:47
14N05W14-TM01	30	43:36:37/ 84:52:28
15N03W20-VJ01	75	42:0'15/ 85 :3'21'
15N04W31-JH01	42	43:38:59/ 84:50:45
14N04W03-ME01	87.7	43:37:49/ 84:46:54
15N03W21-JK01	27	43:40:49/ 84:40:51
14N05WA13-RM01	115	43:35:49.524/ 84:50:54.6714
14N04W18-TM02	61.6	43:36:35/ 84:50:19
14N04W28-LO02	59.3	43:34:17/ 84:48:12
14N04W28-LO01	78.7	43:34:23/ 84:48:13
14N04W21-CR01	114	43:30:25/ 84:47:55
14N04W33-RR01	56	43:33:24/ 84:47:55
14N06W12-RD01	80.7	43:36:58/ 84:59:88
14N06W13-RD01	64	43:36:10/ 84:59:08
14N06W14-RD01	42.2	43:36:01/84:59:29
15N05W17-RD01	40	43:36:31/ 84:56:19
14N06W23-RD01	52.5	43:35:05/ 84:59:40
15N06W28-MR01	130	43:39:32/ 85:01:54

13N04W05-WW02	32	43:33:03/ 84:49:30
14N04W07-LC03	87	43:37:24/ 84:50:47
14N04W18-RM01	95	43:36:39.42/ 84:50:52.08
14N03W03-LS01	35	43:38:06/ 84:39:26
14N03W04-JW01	34	43:37:52/ 84:40:18
14N03W04-RW02	38	43:37:48/ 84:40:34
14N03W02-RW01	43	43:38:21/ 84:38:28
14N04W29-WW01	165.5	43:34:39/ 84:49:22
14N04W19-WW01	105	43:35:92/ 84:00:38
13N04W-5-WW01	68	43:33:04 / 84:49:08
14N05W12-TM02	21	43:37:23 / 84:51:05
14N04W07-LC04	36	43:37:18 / 84:50:09
14N04W07-LC02	40	43:37:08 / 84:50:44
14N04W11-TM01	40	43:36:54 / 84:51:16
14N04W09-MP02	9.1	43:37'7.5"/84:47'42"
14N04W09-MP01	16	43:36'50"/84:47'52"
14N04W09-MP03	71	43:37'33"/84:47'52"

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 February 28, 2020.
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 February 28, 2020. EPA will hold a hearing if there is significant interest based on written requests. 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.
3. All comments received after February 28, 2020, will not be considered in the formulation of final determinations.

4. Written comments or request for a public hearing must be delivered or mailed to: John A. Colletti, U.S. Environmental Protection Agency, Region 5, Permits Branch - WP-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. Please bring the foregoing to the attention of persons whom you know would be interested in this matter. Unless a public hearing is scheduled, the EPA will issue a final determination as to the issuance 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. EPA will notify the applicant and each person who has submitted written comments or requested notice of the final permit decision.

PETITION TO REVIEW

Within 30 days following the service of notice of the Regional Administrator's final permit decision, any person who filed comments on the draft permit or participated in a public hearing, if held, may petition the Environmental Appeals Board (EAB) to review any condition of the permit decision. Such a petition must include a statement of the reasons supporting review of the decision, including a demonstration that the issue(s) being raised for review were raised during the public comment period (including any public hearing). The petition should, when appropriate, show that each condition being appealed is based on either, (1) a finding of fact or conclusion of law which is clearly erroneous, or (2) an exercise of discretion or an important policy demonstration which the EAB should, in its discretion, review.

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 "<https://www.epa.gov/npdes-permits/mt-pleasant-wastewater-treatment-plant-mpdes-permit-mi-0023655-4>". 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.

