
Fwd: 3126001 February 2026 Dubuque DMR.xlsx

FO1 Mor, DNR <fo1.mor@dnr.iowa.gov>
To: Michele Smith <michele.smith@dnr.iowa.gov>

Wed, Mar 18, 2026 at 11:01 AM

Just a heads up-

----- Forwarded message -----

From: **William O'brien** <Wobrien@cityofdubuque.org>
Date: Mon, Mar 9, 2026 at 10:22 AM
Subject: 3126001 February 2026 Dubuque DMR.xlsx
To: Monthly Discharge Monitoring Reports <fo1.mor@dnr.iowa.gov>
Cc: Deron Muehring <Dmuehrin@cityofdubuque.org>

Current Conditions and Corrective Actions

In early February 2026, two additional mixers in Activated Sludge Train C were removed from service due to mechanical issues. Train C is currently operating with five of nine mixers. The reduction in available mixing capacity has reduced process redundancy within the activated sludge system and likely contributed to reduced treatment performance during this period.

To address these conditions, the facility has developed a plan to:

- Construct a stabilized maintenance access road adjacent to the activated sludge basins to safely deploy lifting equipment.
- Remove and inspect mixers in the active trains.
- Access Train B for a comprehensive mechanical evaluation.

Construction of the access road has been delayed due to winter weather and saturated ground conditions that do not safely support heavy equipment. We intend to install the road within the next two weeks, weather permitting. Mixer inspection and maintenance activities will proceed immediately thereafter.

Repairs to several mixers are planned for today, and additional mixers will be removed tomorrow morning (those which can be reached from existing pavement) for inspection and evaluation to restore mixing capacity and improve process performance.

In the interim, operations staff continue to actively manage solids inventory, maintain appropriate dissolved oxygen setpoints, and increase process monitoring to maintain treatment performance to the greatest extent possible under current conditions.