Bypasses and Upsets, 5-Day Written Report

567 Iowa Administrative Code Rule 63.6(455B)

Facility Name: City of Muscatine WPCP **NPDES Permit No:** 7048001

Why is this Required?

Pursuant to 567 IAC 63.6(3), the owner or operator of a treatment facility or collection system shall notify the DNR by telephone as soon as possible but not later **than 24 hours after the onset or discovery** of a bypass or upset due to a mechanical failure or acts beyond the control of the owner or operator, e.g., a wet weather event. Basement backups are reportable bypasses unless they are caused by problems with the building lateral or private sewer line.

Note: Requests for anticipated bypasses must be submitted to the DNR in accordance with Subrule 567 IAC 63.6(2).

Notify the DNR

Contact the appropriate DNR Field Office during normal business hours to report the bypass or upset. **After hours, call the DNR Emergency Response line at 515-725-8694.**

Date reported: 9/30/26 Time reported: 7:30am DNR staff member contacted: Jeff Region 5

Follow-Up Written Report

A written report must be submitted to the appropriate DNR Field Office **within five days** of the bypass. **This form may be used for your written report as long as the required information is provided.** Additional information or longer comments can be attached in a separate document.

Reason for the bypass: See Attachment

Was this precipitation induced? ☒ Yes ☐ No

If yes, rainfall amount: 3.82 inches Rainfall duration: 9/29 - 10/1

Date: 9/29/26 and time: 10:30am of ☒ onset or ☐ discovery of the bypass:

Date: 10/2/26 and time: 7:45am bypass ended

Estimated amount of untreated or partially treated wastewater discharged: 4 to 6 MGD gal

Location of the bypass (address/ditch/road/storm sewer/etc.): Papoose Lift Station

Did the bypassed wastewater enter a storm sewer or surface water body? ☒ Yes ☐ No

If yes, name of water body affected by the bypass: Mississippi River

What is being done to prevent further bypasses? See Attachment

Additional Information or Action Required

Per 567 IAC 63.6(4), additional information may be required after a bypass occurs, including but not limited to:

- Additional monitoring, sampling, or analysis of the bypass or upset;
- Public notice;
- Temporary disinfection;
- Cleanup of any debris and waste materials deposited in the area affected by the bypass.

Samples collected? ☐ None ☐ Bypass ☒ Water body upstream of bypass ☒ Water body downstream of bypass

Sampling results? ☐ None ☐ Attached ☒ Not yet received (Submit copies to the DNR Field Office once received.)

Public notice required? ☒ Yes ☐ No

If yes, public notice date(s): Method(s) of distribution: Signs at River Front

Disinfection of affected area? ☒ Not required ☐ Lime application ☐ Chlorine solution

Signature: Scott Swift **Date:** 10-2-26

MUSCATINE

1202 Musser Street
Muscatine, IA 52761-1645
(563) 263-2752
Fax (563) 263-3720

WATER POLLUTION CONTROL PLANT

muscatineiowa.gov

October 5, 2026

To: Iowa Department of Natural Resources

From : Scott Swift Director, WPCP

Wednesday September 30 at approximately 10:30 AM a bypass valve was cracked opened to relieve back-up pressure from the sewer interceptors which sent untreated sewage/stormwater to the Mississippi River. This valve was regulated to keep as much flow going to the Papoose Lift Station as possible. The #1 and #3 pumps were running at 100% (Maximum pumps able to run at once).

Up river and down river samples from the bypass location were collected at 7:45 AM Thursday October 1st.

The bypass valve was closed at 8:03 AM Thursday October 1 which stopped the bypass. The valve was cracked back open at 8:45 AM due to Papoose Lift Station falling behind with incoming flow and back-up pressure from the sewer interceptors.

The wrong sample bottles were used during the first sampling. A second set of samples were collected from up river and down river from the bypass at 10:30 AM Thursday October 1st.

Several attempts were made to close the bypass gate throughout Wednesday into Thursday night with no success.

Bypass gate was closed at 7:45 AM Friday October 2 ending the bypass.

Between Wednesday September 30th through Friday September 2, Muscatine received 3.82 inches of rainfall recorded at the WPCP. Other local reports showed as much as 6 inches of total rainfall in the Muscatine area.

Rubber lining material showed up at the Papoose Lift Station bar screen with this high flow event, but nowhere near the amount from the September 20th event.

Signs are posted at the Papoose outlet structure notifying the public to stay clear of the outfall.

A follow-up set of samples were collected Friday October 2nd at 10:30 AM up river and down river of the bypass. These samples were collected after the bypass had concluded for baseline samples.

Sample results will be sent when received.