



DEPARTMENT OF  
**ENVIRONMENTAL SAFETY,  
SUSTAINABILITY & RISK**

Seneca Building  
4716 Pontiac Street, Suite 0103  
College Park, MD 20742  
301.405.3960 TEL 301.314.9294 FAX

August 30, 2021

Maryland Department of the Environment  
Water & Science Administration  
Compliance Program  
1800 Washington Boulevard, Suite 420  
Baltimore, MD 21230-1708

Re: Report of Discharge from Sanitary Sewer at the University of Maryland

To whom it may concern:

The purpose of this correspondence is to notify the Maryland Department of the Environment (MDE) of discharge from the sanitary sewer system at the University of Maryland on February 08, 2020. This letter is sent in accordance with COMAR 26.08.10.05.

Location: University of Maryland, Chemistry Building (091 CHM), 8051 Regents Dr., College Park, MD 20742; 38°59'24.324"N 76°56'22.488"W

Owner of sanitary sewer: University of Maryland.

Receiving water: Paint Branch via MS4 Outfall #003. The receiving Paint Branch is HUC Code #020700100202; Class I Waters – Water contact recreation and protection of non-tidal warm-water aquatic life; no shellfish harvest or public drinking water supply.

Volume Discharged: Approximately 120 gallons total, of which approximately 110 gallons entered a nearby stormwater inlet and 10 gallons infiltrated into the ground. The stormwater inlet discharges to the Paint Branch via MS4 Outfall #003.

Description of overflow location: The overflow came from a sewage ejection pump on the outside of the Chemistry building on the North side. The overflow ran across a sidewalk and into street to the stormwater inlet. A portion of the flow entered a stormwater inlet.

Sewer type: Pressure line into a gravity sanitary sewer system.

Impact on waters of the State: A portion of the overflow (approximately 875 gallons) entered the stormwater system via an inlet adjacent to Stadium Drive. This inlet is connected to MS4 Outfall #003 and discharges to the Paint Branch. There was no observed impact to the surface water body. No biosolids were released as a result of the overflow, only clear effluent discharged from the impacted manhole.

Cause of overflow: Break in the pipe of the pressure line to the sewer ejection pump owned by University of Maryland. The break in the pipe to be is still currently being investigated by University of Maryland Pipe Services.

Date/time overflow began: 08/26/2021 – 05:00 am (approximately)

Date/time overflow stopped: 08/26/2021 – 07:00 am (approximately)

Steps taken to prevent recurrence: Perform preventative maintenance of sanitary sewer system; continue to closely monitor discharges in accordance with the University's NPDES permit and IDDE plan; order and maintain inventory of materials for sewage spill response.

Measures taken to mitigate impact: At the point of detection, IRU contacted the UMD Customer Response Center and requested the Pipe Services send out a representative to evaluate the area immediately. Upon arrival, IRU turned off the water usage to Wing 5 and flow had ceased by approximately 7:00 am. At approximately 7:40 am, IRU met with the Pipe Services department on what they believed could be the cause of the overflow. At that point, the flow had already ceased and the area was taped off from the public. A few minutes after, the manhole ceased overflowing. IRU started to broadcast approximately 10 lbs of hydrated lime on affected grass landscape and sprayed approximately 2 gallons down with a ratio 1/4 cup bleach per gallon water solution on all the affected hardscape to disinfect the area.

Public notification method: UMD Customer Response Center emailed the college community, at 06:44 am, of the pipe breakage and informed them the water in the restrooms in Wing 5 of Chemistry have been turned off. They instructed the community to not use the restrooms in that area of the building. At 09:32 am, UMD Customer Response Center sent an update to the campus community to not pour anything down the drains in Chemistry Wing 5 until the repairs are completed.; UMD notified MDE of the incident, by phone, at 09:26 am on 08/26/2021 to Evelyn Stavrou at the MDE Hagerstown Office; a copy of the 5-day report to MDE was posted on the UMD Department of Environmental Safety, Sustainability & Risk's stormwater management website:

(<https://essr.umd.edu/environmental-affairs/stormwater-management>)

Attached to this letter is the IRU report including a photo log and map showing the approximate extent of impact. Please feel free to contact me at 301-405-3163 or [jbaer123@umd.edu](mailto:jbaer123@umd.edu) if you have any questions or need any addition information.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Baer', with a stylized flourish at the end.

Jason L. Baer, REM  
Assistant Director  
Office of Environmental Affairs



# FACILITIES MANAGEMENT

INCIDENT RESPONSE UNIT

## Incident Report

08/26/2021

Tony Hartley IRU6

**Location Bldg. & Rm.:** Bldg. 091 Wing 5 sewer ejection pump on the exterior of the building.

**Incident Description:** Water coming from the ground next to the Wing 5 ejector pumps.

**Initial Report or Update:** Initial Report

**IRU Initial Action Taken:** Caution tape off area, inform CRC to contact the plumbing shop, and have notifications sent to the building to have water usage stopped in wing 5.

**IRU Field Observations:** At approximately 6:00 a.m. respond to call from CRC stating there is water coming up from the ground near wing 5 of chemistry. Upon arrival found water coming up from the ground right next to the sewage ejection pumps on the outside of the building. Inform CRC and request it to have the plumbing shop evaluate immediately. Also sent out notification to the building stating that the restrooms and water usage and wing 5 will be off until further notice. Met with pipes 9 John at approximately 7:40 a.m. He stated that he believes there is a break in the pipe next to the Sewer ejection pump. The area has been caution taped off and the plumbing shop is in the process of evaluating and making repairs. More updates to come. A file has been made in Google drive with more pics and videos.

**IRU Notifications Made:** Bldg. notification sent informing that wing 5 water usage is off and restrooms are out of service.

**Notes for After Action Report:** Continue to monitor area and communicate with the plumbing shop to find out the status of repairs being made.

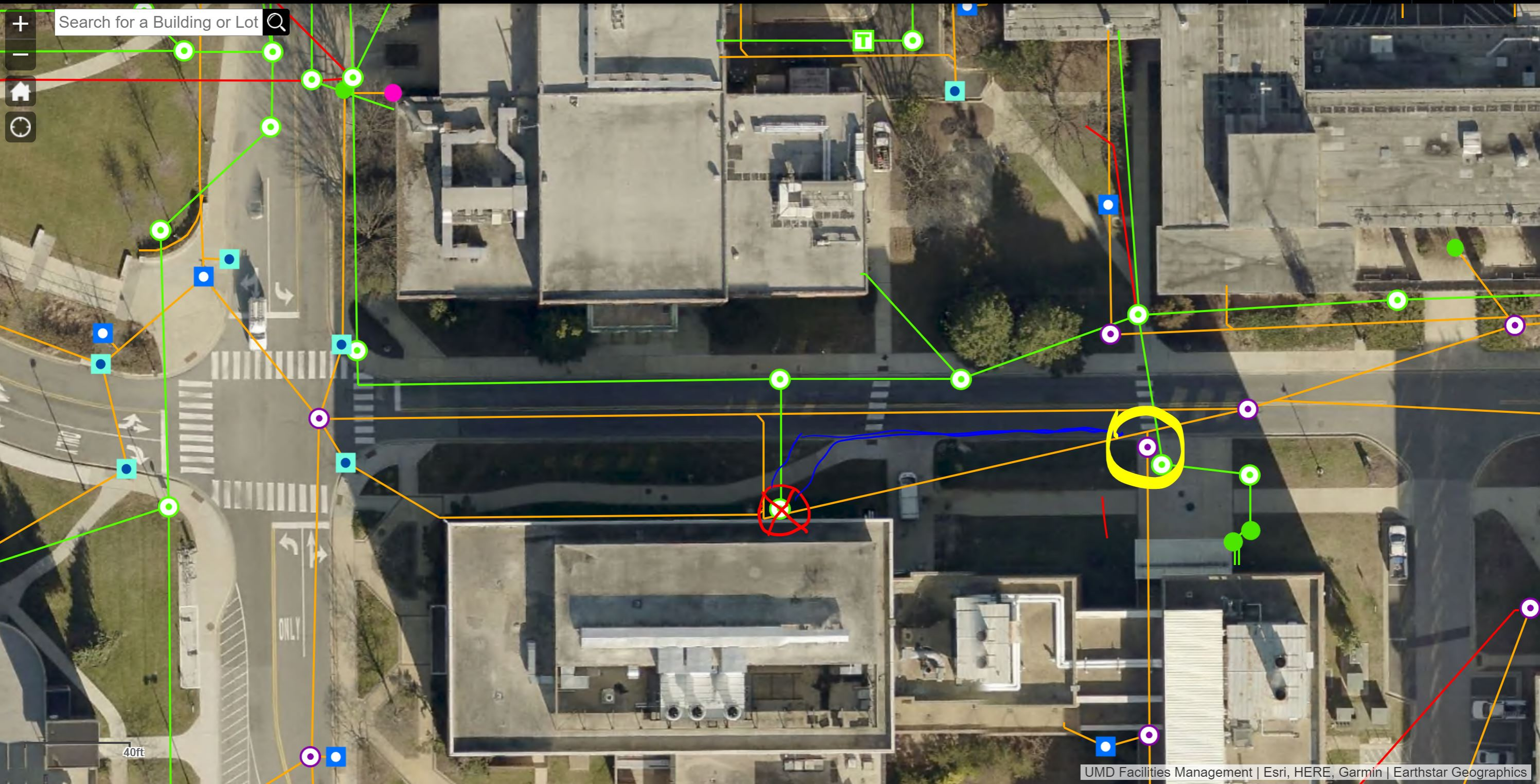
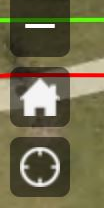
**Work Tasks linked to this:**

**Equipment Placed on Site:**

**Incident Pictures:**



+ Search for a Building or Lot 🔍



40ft



**FACILITIES  
MANAGEMENT**  
**INCIDENT RESPONSE UNIT**





# FACILITIES MANAGEMENT

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## INCIDENT RESPONSE UNIT





**FACILITIES  
MANAGEMENT**

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**INCIDENT RESPONSE UNIT**





# FACILITIES MANAGEMENT

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## INCIDENT RESPONSE UNIT





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**URGENT FM WORK / CHEMISTRY WING 5 WATER**

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**FM Customer Response Center (SHARED)** <crc\_communications@umd.edu>

Thu, Aug 26, 2021 at 6:44 AM

To: fmgtdbg091@umd.edu

Cc: Anthony Michael Hartley &lt;ahartley@umd.edu&gt;, fmgtpipes &lt;fmgtpipes@umd.edu&gt;, fmgteveryoutage &lt;fmgteveryoutage@umd.edu&gt;

FACILITIES  
MANAGEMENT

CUSTOMER RESPONSE CENTER

<b>URGENT FM WORK / OUTAGE NOTIFICATION</b>
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Please be advised, Facilities Management Crews are responding to a pipe breakage outside of Wing 5 of Chemistry Please share this information with impacted staff
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<b>Building (s) /Location (s): Chemistry Wing 5 - RESTROOMS</b>
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<b>Room (s) / Area impacted: Wing 5</b>
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<b>Systems affected: Domestic water (restrooms)</b>
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<b>Impact to the customer: The water in the restrooms in Wing 5 of Chemistry has been turned off. PLEASE DO NOT USE THE RESTROOMS IN THIS AREA.</b>
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<b>Updates will be provided as they become available.</b>
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FM Customer Response Center (301) 405-2222 Campus Ext. 5-2222 fmcrc@umd.edu
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**UPDATE - AFFECTED LOCATION: URGENT FM WORK / CHEMISTRY WING 5 WATER**

1 message

**FM Customer Response Center (SHARED)** <crc\_communications@umd.edu>

Thu, Aug 26, 2021 at 9:31 AM

To: fmgtdbg091@umd.edu

Cc: Anthony Michael Hartley &lt;ahartley@umd.edu&gt;, fmgtpipes &lt;fmgtpipes@umd.edu&gt;, fmgteveryoutage &lt;fmgteveryoutage@umd.edu&gt;

On Thu, Aug 26, 2021 at 9:17 AM FM Customer Response Center (SHARED) &lt;crc\_communications@umd.edu&gt; wrote:

**FACILITIES  
MANAGEMENT**  
CUSTOMER RESPONSE CENTER**FM OUTAGE UPDATE****Update:**

**While the crews are working on these repairs, please do not pour anything down the drains until the outage is resolved.**

Building (s) Location (s): **Chemistry Wing 5 - RESTROOMS**

Room (s) Area impacted: Wing 5

Systems affected: **Domestic water (restrooms) ENTIRE WING WILL BE AFFECTED**

**Impact to the customer: The water in the restrooms in Wing 5 of Chemistry has been turned off. PLEASE DO NOT USE THE RESTROOMS IN THIS AREA.**

Responsible FM dept: Pipes

FM Customer Response Center  
(301) 405-2222  
Campus Ext. 5-2222  
[fmcrc@umd.edu](mailto:fmcrc@umd.edu)

