



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

September 11, 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, SCUB 3 Ground Complex, Fieldhouse Dr., College Park, MD 20740; 76°56'46.8"S 38°59'20.9"E

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 570 gallons total, of which approximately 430 gallons entered a nearby stormwater inlet and 140 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 sink hole adjacent to the transformer pad on the west side of the SCUB 3 Grounds complex. The overflow ran across the grass landscape and into the parking lot 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 sanitary owned by University of Maryland. Excavation initially began on Tuesday, August 7th to confirm the break in the pipe and continued on Thursday, September 9th, to began to make the necessary repairs. The work was completed on Saturday, September 11th.

Date/time overflow began: 09/07/2021 – 09:29 am (approximately)

Date/time overflow stopped: 09/07/2021 –11:23 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, UMD Incident Response Unit (IRU) and Pipe Services responded to the scene of a sink hole containing a large volume of sanitary liquid and the overflow from the sink hole being discharged at a rate of approximately 5 GPM to a stormwater inlet approximately 215 feet downhill to the east. send out a representative to evaluate the area immediately. At 10:12 am a 2" dewatering pump was deployed to the sinkhole and quickly dewatered the hole. The discharge was rerouted to nearby sanitary manhole adjacent to the sink hole. Flow rates along the hillside began to decrease. Full stoppage of the residual flow from the hillside was observed at 11:23 am. UMD Pipes Services staff began an investigation of all sanitary manholes in the area and found no blockages. Currently, UMD Pipe Service is investigating the cause of the overflow, which is believed to be a collapsed sanitary line, via excavation. IRU broadcasted approximately 15 lbs. of hydrated lime on affected grass landscape and hardscapes at 11:25 am. The IRU incident report, along with the photos of the affected area, are attached to this report.

On Thursday, September 9th, 2021, UMD Facilities Maintenance sent out an urgent work notification via the UMD Customer Response Center (CRC) notifying the campus community that access to the sidewalk adjacent to Fieldhouse Dr, as well as the eastbound lane of Fieldhouse Dr, would be closed. This work is in relation to the repairs needed to be made to the sanitary line. The email is attached to this report.

Public notification method: UMD Brian Trest of the IRU contacted Jason Baer and Kaitlyn Peterson from the Office of Environmental Affairs, at 10:49 am, concerning the sanitary discharge occurring at SCUB 3 Ground Complex. He informed the Office of Environmental Affairs a 2" dewatering pump was deployed to the sinkhole and quickly dewatered the hole. The discharge was rerouted to nearby sanitary manhole adjacent to the sink hole. A message via text and email was sent out to the on-call UMD personnel at 11:04 am notifying them of the sewage overflow and discharge location and measures being taken to mitigate the situation. UMD notified MDE of the incident, by phone, at 01:55 pm on 09/07/2021 to Evelyn Stavrou at the MDE Hagerstown Office; the Prince Georges County Health Department was notified of the incident, by way of the CountyClick 311 reporting system, at 02:05 pm on 09/07/2021; the City of College Park was notified at 02:10 pm on 09/07/2021; 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 if you have any questions or need any addition information.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Baer', is centered below the word 'Sincerely,'.

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



**FACILITIES
MANAGEMENT**
INCIDENT RESPONSE UNIT

Incident Report

09/07/2021

Brian Trest IRU1

Location Bldg. & Rm.: North West Corner of SCUB III (392)

Incident Description: Sanitary Release and Sink Hole

Initial Report or Update: Initial Report

IRU Initial Action Taken: IRU 2 & 5 (Tyson & Johnson) responded to a report of a large flood occurring outside of 392 that was reported by John Spivy of ICA Facilities at 0929. On call plumber, Pipes 21 (Knox) also responded to the scene. Upon arrival, a large volume of suspected liquid sewage was scene coming from the hillside area NW of SCUB III. The flow rate was estimated to be 5 GPM. IRU 1 (Trest) responded to the scene to assist. Flow was clear and liquid only in nature with no visible solids. Flow from the hillside flowed down the roadway and and into catch basin in parking lot "M."

IRU Field Observations: At the top of the hill above PMU-19 SWA 392 a large sink hole was observed with standing suspected sewage. At 1012 a 2' dewatering pump was deployed to the sinkhole and quickly dewatered the hole and was discharged into a nearby sanitary MH. Flow rates along the hillside began to decrease. Full stoppage of the residual flow from the hillside was observed at 1123. Pipes services staff began an investigation of all sanitary MHs in the area and found no blockages. Contract support from Flippo has begun to excavate the area.

After flow in area had stopped, 15lbs of agricultural lime was spread on all hard and soft-scapes at 1125. Currently it is believed that a sanitary line has collapsed but excavation is needed to confirm. No public notification from FM has been made at this time.

IRU Notifications Made: IRU 1 Notified Rob H., Jason B., Kaitlyn P.

Notes for After Action Report: Monitor area and remove equipment when ready.

Work Tasks linked to this: WT-10528725 PL

Equipment Placed on Site: 2" Pump, 1 50' Hose, MH Barricade.

Incident Pictures:



**FACILITIES
MANAGEMENT**
INCIDENT RESPONSE UNIT





**FACILITIES
MANAGEMENT**
INCIDENT RESPONSE UNIT





FACILITIES MANAGEMENT

INCIDENT RESPONSE UNIT





FACILITIES MANAGEMENT

INCIDENT RESPONSE UNIT





FACILITIES MANAGEMENT

INCIDENT RESPONSE UNIT





FACILITIES MANAGEMENT

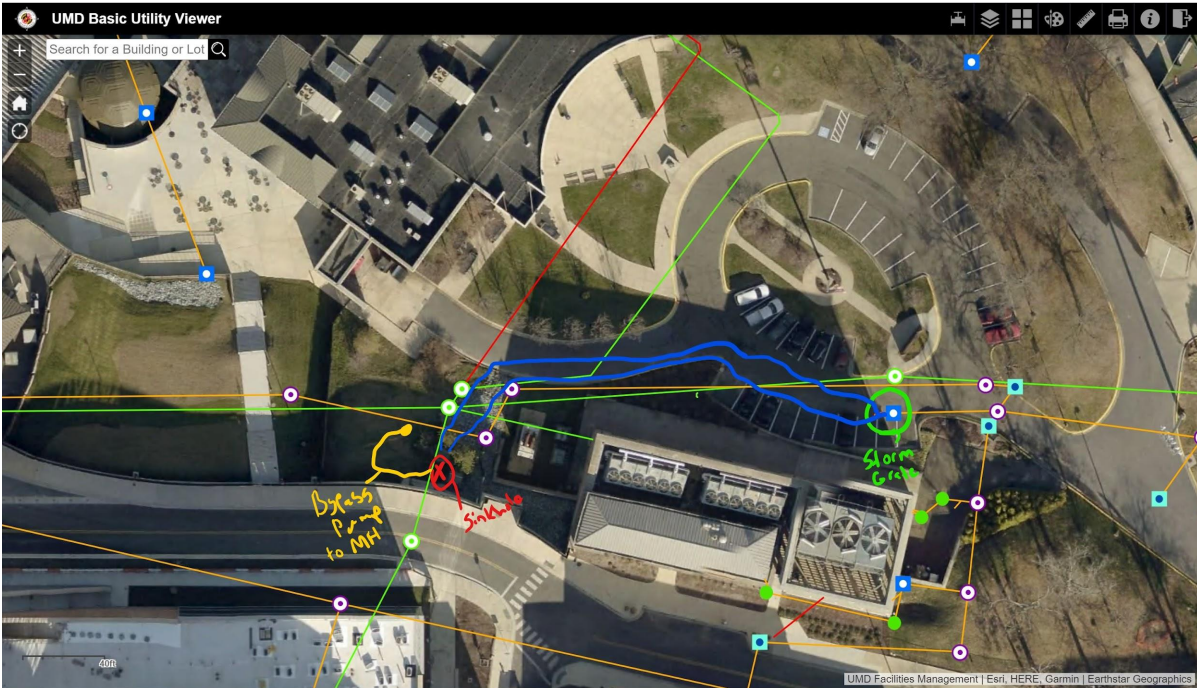
INCIDENT RESPONSE UNIT





FACILITIES MANAGEMENT

INCIDENT RESPONSE UNIT



FIELDHOUSE DRIVE - URGENT FM WORK / OUTAGE NOTIFICATION

1 message

FM Customer Response Center (SHARED) <crc_communications@umd.edu> Thu, Sep 9, 2021 at 12:37 PM

To: Amanda Scala <along126@umd.edu>, "Crystal M. Washington" <cwashin2@umd.edu>, Anton Skriabin <skriabin@umd.edu>, Armand A Scala <ascala@umd.edu>, Daniel Wesley Powell <dwpowell@umd.edu>, Glenn Edward Allman <gallman@umd.edu>, "MeChale' T. Johnson" <johnsom2@umd.edu>, Cara Natalie Fleck <fleckc@umd.edu>, Chrissy Wheeler <cwheele3@umd.edu>, Gordon Hamilton Oliver <goliver3@umd.edu>, John David Allen <jdallen@umd.edu>, Julia Clare Laughlin <jclaugh@umd.edu>, Liam Monahan <lmon@umd.edu>, Patrick Ethridge <pethridg@umd.edu>, peter@umd.edu, Shayna Hodges <shaynas@umd.edu>, Valerie Goubeau <vgoubeau@umd.edu>, "Kevin S. Hernandez" <kevinh1@umd.edu>, Alvin Mitchell <amitch4@umd.edu>, "Anthony R.L. Stewart" <stewart@umd.edu>, Ciara Diaz <cdiaz126@umd.edu>, "Gregory K. Thompson" <gkt@umd.edu>, "James E. Brotherton" <fface@umd.edu>, Alvin Wendell Davis <adavis23@umd.edu>, "John L. Spivey" <jspivey@umd.edu>, "Joshua H. Kaplan" <jkap@umd.edu>, "Michael J. Braxton" <mbraxto1@umd.edu>, "Ronald W. Olds" <rols@umd.edu>, Thomas P Saunders <tsaunder@umd.edu>

Cc: Robert M Hermstein <rhermste@umd.edu>, "Laura E. Dyer" <laura@umd.edu>, matthew.machala@cpvd.org, fmgtpipes <fmgtpipes@umd.edu>, fmgteveryoutage <fmgteveryoutage@umd.edu>, fire <fire@umd.edu>, "Fire Marshal (SHARED)" <firemarshal@umd.edu>



**FACILITIES
MANAGEMENT**
CUSTOMER RESPONSE CENTER

**URGENT
FM WORK / OUTAGE NOTIFICATION**

Please be advised, Facilities Management Crews are responding to a sanitary line breakage

Please share this information with impacted staff

Building (s) /Location (s): Fieldhouse Drive

Room (s) / Area impacted: In order to make the repair, the eastbound lane of Fieldhouse Drive will need to be closed to access the sanitary manhole upstream of the beak. The north sidewalk will also be closed. See the attached diagram.

Systems affected: Roadway and Sidewalk

Impact to the customer: This work will take place this afternoon and will be put in place tomorrow as well. Updates will be provided as they become available.

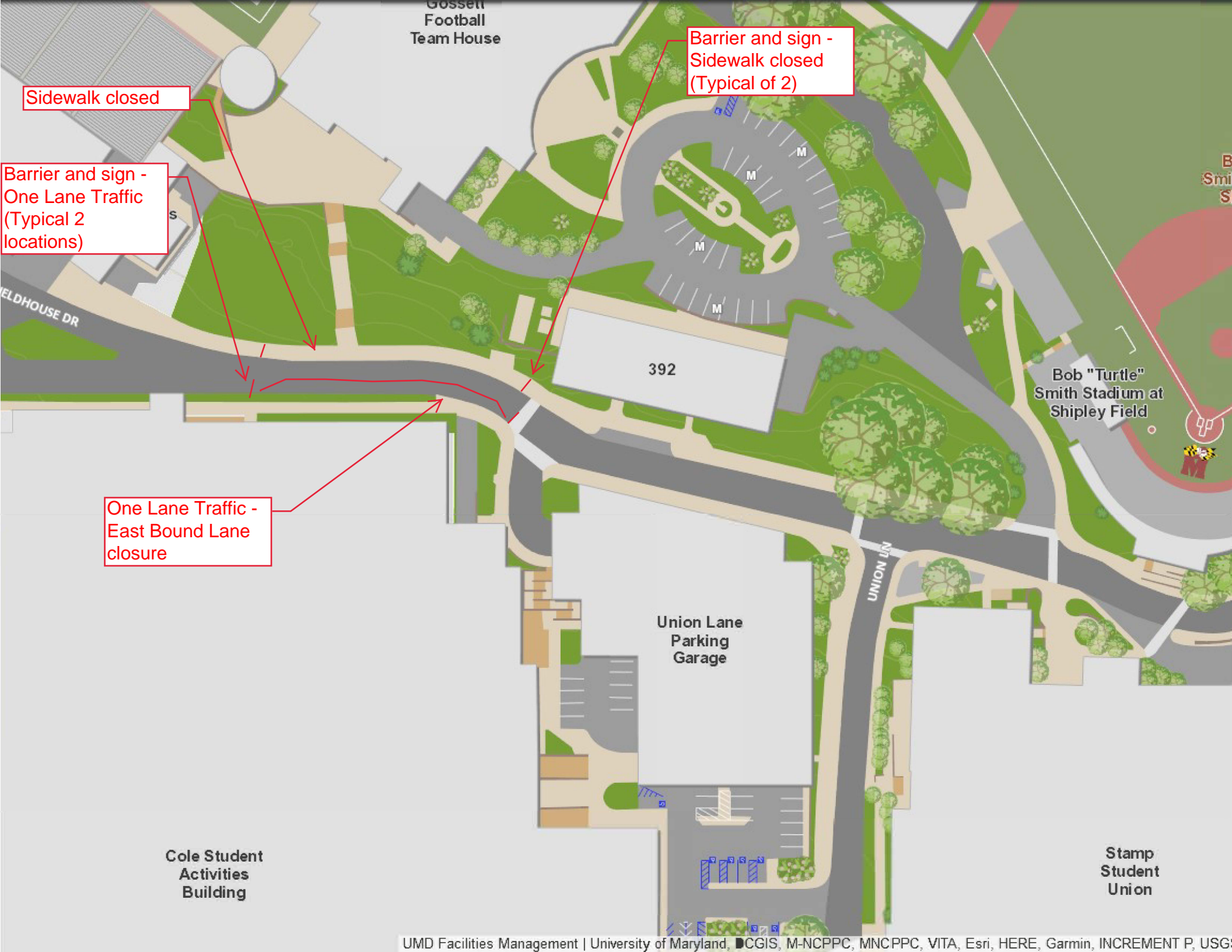
FM Customer Response Center
(301) 405-2222
Campus Ext. 5-2222
fmcrc@umd.edu

--
**DO NOT REPLY TO THIS EMAIL, IT IS USED ONLY TO SEND INFORMATION. SUBMIT REQUESTS/EMAILS
TO FMCRC@UMD.EDU ~ THANK YOU.**

University of Maryland

Facilities Management - Customer Response Center (CRC)

(301) 405-2222



Sidewalk closed

Barrier and sign -
One Lane Traffic
(Typical 2
locations)

Barrier and sign -
Sidewalk closed
(Typical of 2)

One Lane Traffic -
East Bound Lane
closure

RESOLVED: FIELDHOUSE DRIVE - URGENT FM WORK / OUTAGE NOTIFICATION

1 message

FM Customer Response Center (SHARED) <crc_communications@umd.edu> Sat, Sep 11, 2021 at 2:46 PM

To: Amanda Scala <along126@umd.edu>, "Crystal M. Washington" <cwashin2@umd.edu>, Anton Skriabin <skriabin@umd.edu>, Armand A Scala <ascala@umd.edu>, Daniel Wesley Powell <dwpowell@umd.edu>, Glenn Edward Allman <gallman@umd.edu>, "MeChale' T. Johnson" <johnsom2@umd.edu>, Cara Natalie Fleck <flekc@umd.edu>, Chrissy Wheeler <cwheele3@umd.edu>, Gordon Hamilton Oliver <goliver3@umd.edu>, John David Allen <jdallen@umd.edu>, Julia Clare Laughlin <jclaugh@umd.edu>, Liam Monahan <lmon@umd.edu>, Patrick Ethridge <pethridg@umd.edu>, Peter E Agustin <peter@umd.edu>, Shayna Hodges <shaynas@umd.edu>, Valerie Goubeau <vgoubeau@umd.edu>, "Kevin S. Hernandez" <kevinh1@umd.edu>, Alvin Mitchell <amitch4@umd.edu>, "Anthony R.L. Stewart" <stewart@umd.edu>, Ciara Diaz <cdiaz126@umd.edu>, "Gregory K. Thompson" <gkt@umd.edu>, "James E. Brotherton" <fface@umd.edu>, Alvin Wendell Davis <adavis23@umd.edu>, "John L. Spivey" <jspivey@umd.edu>, "Joshua H. Kaplan" <jkap@umd.edu>, "Michael J. Braxton" <mbraxto1@umd.edu>, "Ronald W. Olds" <rols@umd.edu>, Thomas P Saunders <tsaunder@umd.edu>

Cc: Robert M Hermstein <rhermste@umd.edu>, "Laura E. Dyer" <laura@umd.edu>, fmgtpipes <fmgtpipes@umd.edu>, fmgteveryoutage <fmgteveryoutage@umd.edu>, fire <fire@umd.edu>, "Fire Marshal (SHARED)" <firemarshal@umd.edu>

**FACILITIES
MANAGEMENT**
CUSTOMER RESPONSE CENTER**RESOLVED**

Facilities Management crews completed the necessary repairs and the below outage is now resolved. Thank you.

Building (s) Location (s):
Fieldhouse Drive

Room (s) Area impacted:
Roadway and Sidewalk

Systems affected:
The area impacted: In order to make the repair, the eastbound lane of Fieldhouse Drive will need to be closed to access the sanitary manhole upstream of the beak. The north sidewalk will also be closed. See the attached diagram.

Impact to customer:

Responsible FM dept:

CRC contact info: fmcrc@umd.edu / (301) 405-2222

Notes:

The work has been completed, please contact CRC at 301-405-2222 or FMCRC@UMD.EDU if you notice any issues. Thank you.

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

On Thu, Sep 9, 2021 at 12:37 PM FM Customer Response Center (SHARED) <crc_communications@umd.edu> wrote:



**FACILITIES
MANAGEMENT**
CUSTOMER RESPONSE CENTER

URGENT FM WORK / OUTAGE NOTIFICATION

Please be advised, Facilities Management Crews are responding to a sanitary line breakage

Please share this information with impacted staff

Building (s) /Location (s): Fieldhouse Drive

Room (s) / Area impacted: In order to make the repair, the eastbound lane of Fieldhouse Drive will need to be closed to access the sanitary manhole upstream of the beak. The north sidewalk will also be closed. See the attached diagram.

Systems affected: Roadway and Sidewalk

Impact to the customer: This work will take place this afternoon and will be put in place tomorrow as well. Updates will be provided as they become available.

FM Customer Response Center
(301) 405-2222