

Illicit Discharge Incident Tracking Sheet

Incident ID: 2019-01				
Responder Information				
Call taken by: N/A			Call date:	
Call time: N/A			Precipitation (inches) in past 24-48 hrs: 0.24 in	
Reporter Information				
Incident time: 0915			Incident date: 01/09/2019	
Caller contact information (optional):				
Incident Location (complete one or more below)				
Latitude and longitude: 38°59'24.3"N 76°56'06.6"W				
Stream address or outfall #: #003 and #004				
Closest street address: 8169 Paint Branch Dr, College Park, MD 20740				
Nearby landmark: Paint Branch Trail Bridge				
Primary Location Description		Secondary Location Description:		
<input checked="" type="checkbox"/> Stream corridor (In or adjacent to stream)	<input checked="" type="checkbox"/> Outfall	<input type="checkbox"/> In-stream flow	<input type="checkbox"/> Along banks	
<input type="checkbox"/> Upland area (Land not adjacent to stream)	<input type="checkbox"/> Near storm drain	<input type="checkbox"/> Near other water source (storm water pond, wetland, etc.):		
Narrative description of location:				
Upland Problem Indicator Description				
<input type="checkbox"/> Dumping	<input type="checkbox"/> Oil/solvents/chemicals	<input type="checkbox"/> Sewage		
<input type="checkbox"/> Wash water, suds, etc.	<input type="checkbox"/> Other: _____			
Stream Corridor Problem Indicator Description				
Odor	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rancid/Sour	<input type="checkbox"/> Petroleum (gas)
	<input type="checkbox"/> Sulfide (rotten eggs); natural gas	<input type="checkbox"/> Other: Describe in "Narrative" section		
Appearance	<input type="checkbox"/> "Normal"	<input type="checkbox"/> Oil sheen	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Suds
	<input checked="" type="checkbox"/> Other: Describe in "Narrative" section			
Floatables	<input checked="" type="checkbox"/> None:	<input type="checkbox"/> Sewage (toilet paper, etc)	<input type="checkbox"/> Algae	<input type="checkbox"/> Dead fish
	<input type="checkbox"/> Other: Describe in "Narrative" section			
Narrative description of problem indicators: Excessive sediment being discharged from outfall. pH was also high (8.45).				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Gilbane Construction-Cole Field House Construction				

Investigation Notes

Initial investigation date: 01/09/2019

Investigators: K. Peterson, S. Brodsky, J. Baer

No investigation made

Reason:

Referred to different department/agency:

Department/Agency:

Investigated: No action necessary

Investigated: Requires action

Description of actions: Cease discharge of sediment laden water from construction site

Hours between call and investigation:

Hours to close incident:

Date case closed:

Notes:

While conducting routine stormwater sampling, we observed sediment laden water discharging from Outfall #003 and #004. Jason Baer of the Office of Environmental Affairs was contacted at approximately 0920am on January 9, 2019 about the issue. On Friday, January 11, Jason contacted William Olen as well as Christopher Ho, Scott Lupin, Brian Still, and Jack T. Baker about the incident. William Olen responded with "a utility break (scub 3 hot water lines) that is draining into the Cole site, the break is getting worse and Gilbane is trying to help contain the extra water. The below freezing temperatures is complicating the de-silting effort." On Wednesday, January 16, William Olen followed up with stating "The latest news is that this pipe break may not be repaired until spring break. The work is temperature sensitive and will require a 3 day heating outage to Riggs and the Clarice." The correspondences are attached to this report.

Fwd: Sediment Discharge from Cole Fieldhouse Site

4 messages

Jason Baer <jbaer123@umd.edu>
To: Kaitlyn Peterson <kpeter13@umd.edu>

Wed, Jan 16, 2019 at 1:46 PM

FYI - I'm trying to track down who is responsible for the utility repair issue so we can track the corrective action for our IDDE report.

jb

Jason L. Baer, REM
Assistant Director
Office of Environmental Affairs
University of Maryland – Department of Environmental Safety, Sustainability, and Risk
Seneca Building, Suite # 0103
[4716 Pontiac Street](#)
[College Park, MD 20742](#)
Phone: 301-405-3163
Cell: 202-441-6391
Email: jbaer123@umd.edu
Website: <http://www.essr.umd.edu>



DEPARTMENT OF
ENVIRONMENTAL SAFETY,
SUSTAINABILITY & RISK

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

From: **William E. Olen** <wolen@umd.edu>
Date: Fri, Jan 11, 2019 at 5:05 PM
Subject: Re: Sediment Discharge from Cole Fieldhouse Site
To: Jason Baer <jbaer123@umd.edu>
Cc: Christopher Y. Ho <hocyho@umd.edu>, Scott Lupin <SLUPIN@umd.edu>, <bstill@umd.edu>

Folks,

O & M has a utility break (scub 3 hot water lines) that is draining into the Cole site, the break is getting worse and Gilbane is trying to help contain the extra water. The below freezing temperatures is complicating the de-silting effort.

Just so you know this is one of several underground pipe breaks on campus at this time, it is that time of the year and we should expect more.

Have a good weekend.

On Fri, Jan 11, 2019, 2:15 PM Jason Baer <jbaer123@umd.edu> wrote:

While conducting routine stormwater sampling, we observed sediment laden water discharging from Outfall #003 and #004.



We were unable to locate any other potential sources for the discharge, so we assume it was emanating from the Cole site. Please reach out to the contractor and inform them of the illicit discharge and let me know their corrective action(s). Thanks.

jb

Jason L. Baer, REM
Assistant Director
Office of Environmental Affairs
University of Maryland – Department of Environmental Safety, Sustainability, and Risk
Seneca Building, Suite # 0103
[4716 Pontiac Street](#)
[College Park, MD 20742](#)
Phone: 301-405-3163
Cell: 202-441-6391
Email: jbaer123@umd.edu
Website: <http://www.essr.umd.edu>



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Kaitlyn Peterson <kpeter13@umd.edu>
To: Jason Baer <jbaer123@umd.edu>

Wed, Jan 16, 2019 at 1:58 PM

Sounds good.

[Quoted text hidden]

--

Kaitlyn Peterson, CPSWQ
Environmental Specialist
Office of Environmental Affairs
University of Maryland – Department of Environmental Safety, Sustainability, and Risk
Seneca Building, Suite # 0103
[4716 Pontiac Street](#)
[College Park, MD 20742](#)
Office: (301) 405-8604
Call: (202) 308-8273
Email: kpeter13@umd.edu
Website: <http://www.essr.umd.edu>



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Jason Baer <jbaer123@umd.edu>
To: Kaitlyn Peterson <kpeter13@umd.edu>

Wed, Jan 16, 2019 at 3:58 PM

Still waiting to get more info.

Jason L. Baer, REM
Assistant Director
Office of Environmental Affairs
University of Maryland – Department of Environmental Safety, Sustainability, and Risk
Seneca Building, Suite # 0103
4716 Pontiac Street
College Park, MD 20742
Phone: 301-405-3163
Cell: 202-441-6391
Email: jbaer123@umd.edu
Website: <http://www.essr.umd.edu>



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

From: **William E. Olen** <wolen@umd.edu>
Date: Wed, Jan 16, 2019 at 1:58 PM
Subject: Re: Sediment Discharge from Cole Fieldhouse Site
To: Jason Baer <jbaer123@umd.edu>
Cc: Christopher Y. Ho <hocyho@umd.edu>, Scott Lupin <SLUPIN@umd.edu>, Brian LeGrand Still <bstill@umd.edu>, Jack T. Baker <jbaker2@umd.edu>

Jason,

The latest news is that this pipe break may not be repaired until spring break. The work is temperature sensitive and will require a 3 day heating outage to Riggs and the Clarice.

Best,

Bill Olen
Executive Director, Planning & Construction
UMD Service Center
College Park, Md.
301-405-7336

On Wed, Jan 16, 2019 at 1:46 PM Jason Baer <jbaer123@umd.edu> wrote:

Thanks for follow up. Do you know who, in FM, we should speak to regarding the pipe break? We wanted to get a rough idea of what / when something will be done to correct the situation -- part of the reporting process. Would this fall under Jim Hogan or someone else? Thanks

jb

Jason L. Baer, REM
Assistant Director
Office of Environmental Affairs
University of Maryland – Department of Environmental Safety, Sustainability, and Risk
Seneca Building, Suite # 0103
4716 Pontiac Street
College Park, MD 20742
Phone: 301-405-3163
Cell: 202-441-6391
Email: jbaer123@umd.edu
Website: <http://www.essr.umd.edu>



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ENVIRONMENTAL SAFETY,
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On Fri, Jan 11, 2019 at 5:05 PM William E. Olen <wolen@umd.edu> wrote:
Folks,

O & M has a utility break (scub 3 hot water lines) that is draining into the Cole site, the break is getting worse and Gilbane is trying to help contain the extra water. The below freezing temperatures is complicating the de-silting effort.

Just so you know this is one of several underground pipe breaks on campus at this time, it is that time of the year and we should expect more.

Have a good weekend.

On Fri, Jan 11, 2019, 2:15 PM Jason Baer <jbaer123@umd.edu> wrote:

While conducting routine stormwater sampling, we observed sediment laden water discharging from Outfall #003 and #004.



We were unable to locate any other potential sources for the discharge, so we assume it was emanating from the Cole site. Please reach out to the contractor and inform them of the illicit discharge and let me know their corrective action(s). Thanks.

jb

Jason L. Baer, REM
Assistant Director
Office of Environmental Affairs
University of Maryland – Department of Environmental Safety, Sustainability, and Risk
Seneca Building, Suite # 0103
[4716 Pontiac Street](https://www.umd.edu)
[College Park, MD 20742](https://www.umd.edu)
Phone: 301-405-3163
Cell: 202-441-6391
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fji - the steam system is generally NOT a copper source, but this hot water system might well be. pay close attention to the discharge sample results and see if it is higher than usual.

jb

Jason L. Baer, REM
Assistant Director
Office of Environmental Affairs
University of Maryland – Department of Environmental Safety, Sustainability, and Risk
Seneca Building, Suite # 0103
4716 Pontiac Street
College Park, MD 20742
Phone: 301-405-3163
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----- Forwarded message -----

From: **William E. Olen** <wolen@umd.edu>
Date: Wed, Jan 16, 2019 at 4:17 PM
Subject: Re: Sediment Discharge from Cole Fieldhouse Site
To: Jason Baer <jbaer123@umd.edu>
Cc: Christopher Y. Ho <hocyho@umd.edu>, Scott Lupin <SLUPIN@umd.edu>, Brian LeGrand Still <bstill@umd.edu>, Jack T. Baker <jbaker2@umd.edu>

Hot water.

On Wed, Jan 16, 2019, 3:58 PM Jason Baer <jbaer123@umd.edu> wrote:
What type of utility is the break? Is it a steam line or condensate return line?

jb

Jason L. Baer, REM
Assistant Director
Office of Environmental Affairs
University of Maryland – Department of Environmental Safety, Sustainability, and Risk
Seneca Building, Suite # 0103
4716 Pontiac Street
College Park, MD 20742
Phone: 301-405-3163
Cell: 202-441-6391
Email: jbaer123@umd.edu
Website: <http://www.essr.umd.edu>



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Illicit Discharge Incident Tracking Sheet

Incident ID: 2019-02				
Responder Information				
Call taken by: Jason Baer			Call date: 2/8/2019	
Call time: 9:00 AM			Precipitation (inches) in past 24-48 hrs: 0.14	
Reporter Information				
Incident time: ~8-9am			Incident date: 2/8/2019	
Caller contact information (<i>optional</i>): Richard Wilson-Program Manager-Roofs & Exteriors 0220 Service Building Street Address: 7757 BALTIMORE AVE University of Maryland, College Park, MD 20742-6021 Phone: +1 301 405 8238				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38°59'20.1"N 76°56'45.0"W				
Stream address or outfall #: Curb Inlet				
Closest street address: 214 Campus Dr, College Park, MD 20742				
Nearby landmark: Union Lane Garage				
Primary Location Description		Secondary Location Description:		
<input type="checkbox"/> Stream corridor (<i>In or adjacent to stream</i>)		<input type="checkbox"/> Outfall	<input type="checkbox"/> In-stream flow	<input type="checkbox"/> Along banks
<input checked="" type="checkbox"/> Upland area (<i>Land not adjacent to stream</i>)		<input checked="" type="checkbox"/> Near storm drain	<input type="checkbox"/> Near other water source (storm water pond, wetland, etc.):	
Narrative description of location: Construction activity occurring on Union Lane and Cole Fieldhouse. Fieldhouse Drive intersection with Union Lane.				
Upland Problem Indicator Description				
<input type="checkbox"/> Dumping		<input type="checkbox"/> Oil/solvents/chemicals	<input type="checkbox"/> Sewage	
<input type="checkbox"/> Wash water, suds, etc.		<input checked="" type="checkbox"/> Other: <u>Possible dewatering/sediment laden water</u>		
Stream Corridor Problem Indicator Description				
Odor	<input type="checkbox"/> None	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rancid/Sour	<input type="checkbox"/> Petroleum (gas)
	<input type="checkbox"/> Sulfide (rotten eggs); natural gas	<input type="checkbox"/> Other: Describe in "Narrative" section		
Appearance	<input type="checkbox"/> "Normal"	<input type="checkbox"/> Oil sheen	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Suds
	<input type="checkbox"/> Other: Describe in "Narrative" section			
Floatables	<input type="checkbox"/> None:	<input type="checkbox"/> Sewage (toilet paper, etc)	<input type="checkbox"/> Algae	<input type="checkbox"/> Dead fish
	<input type="checkbox"/> Other: Describe in "Narrative" section			
Narrative description of problem indicators: Caller suspected dewatering activity discharging onto Fieldhouse Drive near Shipley Field. Caller described a hose discharging "brown, sediment laden water."				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Purple line consturction				

Investigation Notes

Initial investigation date: 2/8/2019	Investigators: K. Peterson/S. Brodsky
<input type="checkbox"/> No investigation made	Reason:
<input type="checkbox"/> Referred to different department/agency:	Department/Agency:
<input type="checkbox"/> Investigated: No action necessary	
<input checked="" type="checkbox"/> Investigated: Requires action	Description of actions: KP and SB drove to the location and walked around the site to identify if any dewatering activities were taking place. While none were observed, failure to implement proper BMPs for the stockpiles on the curb of Fieldhouse Drive.
Hours between call and investigation: 1 hour	Hours to close incident: 2.5 hours
Date case closed: 2/8/2019	

Notes: Photos were taken of the stockpiles and are being emailed to the appropriate project managers regarding the implementation of proper BMPs. They have been instructed to cover stockpiles during wet weather events and that all inlets in the vicinity should have some sort of protection from run-off.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2019-03				
Responder Information				
Call taken by: Email to Jason Baer and Kaitlyn Peterson			Call date: 3/12/2019	
Call time: Email Sent at 0606			Precipitation (inches) in past 24-48 hrs: 0	
Reporter Information				
Incident time: 1204			Incident date: 3/11/2018	
Caller contact information (<i>optional</i>): <div style="text-align: center;">Mike Hunninghake, Program Manager Environmental Finance Center University of Maryland - College Park</div>				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.979679, -76.942302				
Stream address or outfall #: Guilford Dr, College Park, MD 20740				
Closest street address: 4301 Rowalt Dr, College Park, MD 20740				
Nearby landmark: Graduate Garden Apartments				
Primary Location Description		Secondary Location Description:		
<input type="checkbox"/> Stream corridor (<i>In or adjacent to stream</i>)		<input checked="" type="checkbox"/> Outfall	<input type="checkbox"/> In-stream flow	<input type="checkbox"/> Along banks
<input checked="" type="checkbox"/> Upland area (<i>Land not adjacent to stream</i>)		<input type="checkbox"/> Near storm drain	<input type="checkbox"/> Near other water source (storm water pond, wetland, etc.):	
Narrative description of location: An outfall pipe dscharging into the Stream along Guilford Drive, between Hartwick & Graduate Garden Apartments.				
Upland Problem Indicator Description				
<input type="checkbox"/> Dumping		<input type="checkbox"/> Oil/solvents/chemicals	<input type="checkbox"/> Sewage	
<input type="checkbox"/> Wash water, suds, etc.		<input checked="" type="checkbox"/> Other: <u>Sediment</u>		
Stream Corridor Problem Indicator Description				
Odor	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rancid/Sour	<input type="checkbox"/> Petroleum (gas)
	<input type="checkbox"/> Sulfide (rotten eggs); natural gas	<input type="checkbox"/> Other: Describe in "Narrative" section		
Appearance	<input type="checkbox"/> "Normal"	<input type="checkbox"/> Oil sheen	<input checked="" type="checkbox"/> Cloudy	<input type="checkbox"/> Suds
	<input type="checkbox"/> Other: Describe in "Narrative" section			
Floatables	<input checked="" type="checkbox"/> None:	<input type="checkbox"/> Sewage (toilet paper, etc)	<input type="checkbox"/> Algae	<input type="checkbox"/> Dead fish
	<input type="checkbox"/> Other: Describe in "Narrative" section			
Narrative description of problem indicators: Highly turbid, sediment-laden water dischare associated with sidewalk construction which occured yesterday. Photo attached of sidewalk construction				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Southern Management operates the Graduate Garden Apartments.				

Investigation Notes

Initial investigation date: 3/12/19

Investigators: K. Peterson, S. Brodsky, M. Carmichael

No investigation made

Reason:

Referred to different department/agency:

Department/Agency:

Investigated: No action necessary

Investigated: Requires action

Description of actions:

Hours between call and investigation:
18

Hours to close incident:
18

Date case closed: 03/12/2019

Notes:

Since the construction was completed, the discharged waters have returned to normal (clear). The property is a non-UMD operated facilities on land owned by UMD. The initial email/contact to the CRC was on Monday, March 11th 2019 at 12:04pm to the CRC. It took an additional 18 hours for the CRC to contact FM and ESSR about the issue. Stephen Reid, Environmental Planner in Facilities Planning within the Department of Planning & Construction investigated the outfall at approximately 07:30 am on March 12, 2019. He identified the sidewalk construction occurring above the outfall to be the culprit of the sediment laden discharge. A photo of the construction is attached.



Illicit Discharge Incident Tracking Sheet

Incident ID: 2019-04				
Responder Information				
Call taken by: N/A			Call date:	
Call time: N/A			Precipitation (inches) in past 24-48 hrs: 0.26	
Reporter Information				
Incident time: 13:00			Incident date: August 5, 2019	
Caller contact information (optional):				
Incident Location (complete one or more below)				
Latitude and longitude: 38.995594, -76.936783				
Stream address or outfall #: Unnamed Tributary				
Closest street address: 8537 Paint Branch Dr, College Park, MD 20742				
Nearby landmark: Shuttle Bus Facility				
Primary Location Description		Secondary Location Description:		
<input checked="" type="checkbox"/> Stream corridor (In or adjacent to stream)		<input checked="" type="checkbox"/> Outfall	<input type="checkbox"/> In-stream flow	<input type="checkbox"/> Along banks
<input type="checkbox"/> Upland area (Land not adjacent to stream)		<input type="checkbox"/> Near storm drain	<input type="checkbox"/> Near other water source (storm water pond, wetland, etc.):	
Narrative description of location: Discharge pipe from trench drain at wash area				
Upland Problem Indicator Description				
<input type="checkbox"/> Dumping		<input type="checkbox"/> Oil/solvents/chemicals	<input type="checkbox"/> Sewage	
<input type="checkbox"/> Wash water, suds, etc.		<input type="checkbox"/> Other: _____		
Stream Corridor Problem Indicator Description				
Odor	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rancid/Sour	<input type="checkbox"/> Petroleum (gas)
	<input type="checkbox"/> Sulfide (rotten eggs); natural gas	<input type="checkbox"/> Other: Describe in "Narrative" section		
Appearance	<input type="checkbox"/> "Normal"	<input checked="" type="checkbox"/> Oil sheen	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Suds
	<input type="checkbox"/> Other: Describe in "Narrative" section			
Floatables	<input checked="" type="checkbox"/> None:	<input type="checkbox"/> Sewage (toilet paper, etc)	<input type="checkbox"/> Algae	<input type="checkbox"/> Dead fish
	<input type="checkbox"/> Other: Describe in "Narrative" section			
Narrative description of problem indicators: Wash water from the Shuttle Bus facility's bus washing area was observed discharging from discharge pipe into the banks of the unnamed tributary. While the plug in the trench drain was in place to seal the discharge pipe, flow was observed from the end of the discharge pipe. Wash water in the trench drain had an oil sheen to it.				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Shuttle Bus Facility personnel				

Investigation Notes

Initial investigation date: 08/05/19

Investigators: K. Peterson, J. Baer

No investigation made

Reason:

Referred to different department/agency:

Department/Agency:

Investigated: No action necessary

Investigated: Requires action

Description of actions:

Informed Shuttle Bus Facility personnel to ensure the plug is properly tightened prior to use of the wash area. If the plug is worn, please replace it prior to using the area anymore. Booms or oil pads should be used to remove any oil / sheen prior to discharge, even if the wash water is being sent to the sanitary sewer.

Hours between call and investigation:
0

Hours to close incident: 2

Date case closed: 08/05/19

Notes:

Illicit Discharge Incident Tracking Sheet

Incident ID: 2019-05				
Responder Information				
Call taken by: Jason Baer			Call date: 09/03/2019	
Call time: 6:50pm			Precipitation (inches) in past 24-48 hrs: 0	
Reporter Information				
Incident time: Approximately 5pm			Incident date: 09/03/2019	
Caller contact information (<i>optional</i>): Brain Trest 571-264-7193				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: -76.94391, 38.98274				
Stream address or outfall #: NPDES Outfall 012				
Closest street address: 7093 Preinkert Dr., College Park, MD 20742				
Nearby landmark: South Campus Dining Hall				
Primary Location Description		Secondary Location Description:		
<input type="checkbox"/> Stream corridor (<i>In or adjacent to stream</i>)		<input checked="" type="checkbox"/> Outfall	<input type="checkbox"/> In-stream flow	<input type="checkbox"/> Along banks
<input checked="" type="checkbox"/> Upland area (<i>Land not adjacent to stream</i>)		<input type="checkbox"/> Near storm drain	<input type="checkbox"/> Near other water source (storm water pond, wetland, etc.):	
Narrative description of location: A sanitary sewer system manhole in the walk way between the South South Campus Dining Hall and the South Campus Commons 2.				
Upland Problem Indicator Description				
<input type="checkbox"/> Dumping		<input type="checkbox"/> Oil/solvents/chemicals	<input checked="" type="checkbox"/> Sewage	
<input type="checkbox"/> Wash water, suds, etc.		<input type="checkbox"/> Other: _____		
Stream Corridor Problem Indicator Description				
Odor	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rancid/Sour	<input type="checkbox"/> Petroleum (gas)
	<input type="checkbox"/> Sulfide (rotten eggs); natural gas	<input type="checkbox"/> Other: Describe in "Narrative" section		
Appearance	<input checked="" type="checkbox"/> "Normal"	<input type="checkbox"/> Oil sheen	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Suds
	<input type="checkbox"/> Other: Describe in "Narrative" section			
Floatables	<input checked="" type="checkbox"/> None:	<input type="checkbox"/> Sewage (toilet paper, etc)	<input type="checkbox"/> Algae	<input type="checkbox"/> Dead fish
	<input type="checkbox"/> Other: Describe in "Narrative" section			
Narrative description of problem indicators:				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): UMD Sanitary Sewer System				

Investigation Notes

Initial investigation date: 09/03/2019	Investigators: K. Peterson/J. Baer/B. Trest
<input type="checkbox"/> No investigation made	Reason:
<input type="checkbox"/> Referred to different department/agency:	Department/Agency:
<input type="checkbox"/> Investigated: No action necessary	
<input checked="" type="checkbox"/> Investigated: Requires action	Description of actions: Booms were placed at the impacted stormwater inlets to minimize the discharge of sewage. The University's Incident Response Unit (IRU) also requested that domestic water to the surrounding buildings be curtailed in order to reduce the volume of the sewage overflow.
Hours between call and investigation: 0	Hours to close incident: 1.5
Date case closed: 09/03/2019	

Notes:

Pipe services is to perform preventative maintenance of sanitary sewer system. EA will continue to closely monitor discharges in accordance with the University's NPDES permit and IDDE plan. FM will order and maintain inventory of materials for sewage spill response.

Measures taken to mitigate impact: Initially, booms were placed at the impacted stormwater inlets to minimize the discharge of sewage. The University's Incident Response Unit (IRU) also requested that domestic water to the surrounding buildings be curtailed in order to reduce the volume of the sewage overflow. After request was made and communicated to maintenance staff, domestic water supply was secured at approximately 6:15 pm. The overflow from the manhole stopped shortly thereafter. University staff, with assistance from an on-call plumbing contractor, were able to remove the blockage in the WSSC sewer line and stop the overflow. Powdered lime was applied to disinfect any surfaces contacted by the sewage overflow.

Public notification: Residents of the South Campus Commons 2 were notified via email about their domestic water being shut off. MDE Emergency Response was notified via a phone call on 9/03/2019 at approximately 7:11pm.

University of Maryland Photo Log
9/03/2019 – Sewage Overflow at South Campus Dining Hall

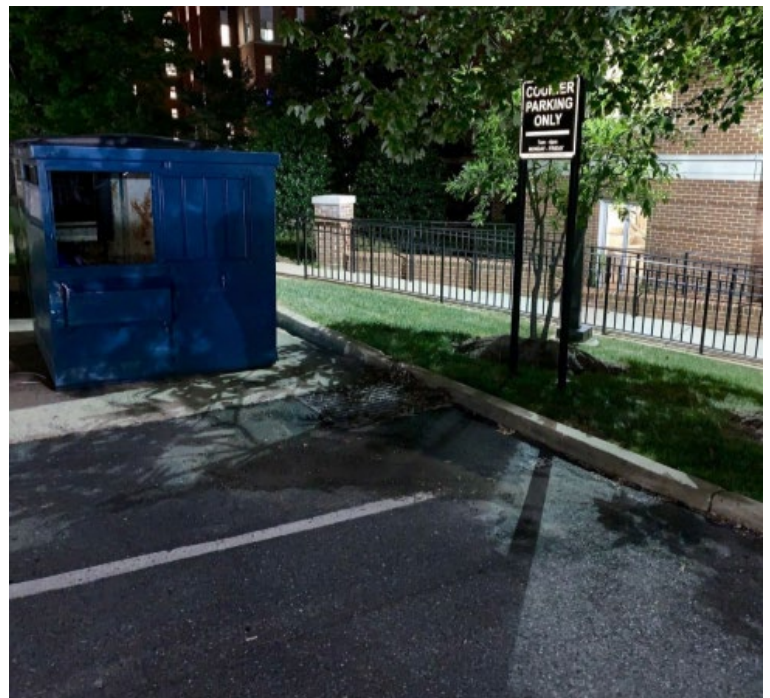


Top Left: The overflowing manhole in walk way between South Campus Dining Hall and South Campus Commons 2.

Top Right: A map indicating where the overflowing manhole was, the direction of the flow path, and the stormwater inlets affected.

Bottom Left: One (1) of the two (2) stormwater inlets affected. Most of the standing water in the parking lot evaporated before entering the storm system.

Bottom Right: Two (2) of the two (2) stormwater inlets affected. Most of the standing water in the parking lot evaporated before entering the storm system.



Illicit Discharge Incident Tracking Sheet

Incident ID: 2019-06				
Responder Information				
Call taken by: Garpue Cephas			Call date: 9/27/2019	
Call time: 11:00 pm			Precipitation (inches) in past 24-48 hrs: 0	
Reporter Information				
Incident time: 10:00 pm			Incident date: 9/27/2019	
Caller contact information (<i>optional</i>):				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: -76.94741, 38.98935				
Stream address or outfall #: NPDES Receiving Outfall 003				
Closest street address: 8175 Fieldhouse Dr., College Park, MD 20742				
Nearby landmark: Stadium Concessions and Tyser Tower				
Primary Location Description		Secondary Location Description:		
<input type="checkbox"/> Stream corridor (<i>In or adjacent to stream</i>)		<input type="checkbox"/> Outfall	<input type="checkbox"/> In-stream flow	<input type="checkbox"/> Along banks
<input checked="" type="checkbox"/> Upland area (<i>Land not adjacent to stream</i>)		<input checked="" type="checkbox"/> Near storm drain	<input type="checkbox"/> Near other water source (storm water pond, wetland, etc.):	
Narrative description of location: Floor sanitary drains in sections 18 to 25 of the Capital One Stadium as well as sewage manholes from the concession stands to Gate J entrance of the stadium.				
Upland Problem Indicator Description				
<input type="checkbox"/> Dumping		<input type="checkbox"/> Oil/solvents/chemicals	<input checked="" type="checkbox"/> Sewage	
<input type="checkbox"/> Wash water, suds, etc.		<input type="checkbox"/> Other: _____		
Stream Corridor Problem Indicator Description				
Odor	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Sewage	<input type="checkbox"/> Rancid/Sour	<input type="checkbox"/> Petroleum (gas)
	<input type="checkbox"/> Sulfide (rotten eggs); natural gas	<input type="checkbox"/> Other: Describe in "Narrative" section		
Appearance	<input checked="" type="checkbox"/> "Normal"	<input type="checkbox"/> Oil sheen	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Suds
	<input type="checkbox"/> Other: Describe in "Narrative" section			
Floatables	<input checked="" type="checkbox"/> None:	<input type="checkbox"/> Sewage (toilet paper, etc)	<input type="checkbox"/> Algae	<input type="checkbox"/> Dead fish
	<input type="checkbox"/> Other: Describe in "Narrative" section			
Narrative description of problem indicators: The manhole at Gate J was opened and sewage flowed down fieldhouse drive, about 30 yards, and entered a nearby storm sewer. No solids were being released. Blockages were found.				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): University of Maryland, College Park-Capital One Stadium				

Investigation Notes

Initial investigation date: 9/27/2019	Investigators: Environmental Affairs, Incident Response Unit, Facilities Maintenance, Pipe Services
<input type="checkbox"/> No investigation made	Reason:
<input type="checkbox"/> Referred to different department/agency:	Department/Agency:
<input type="checkbox"/> Investigated: No action necessary	
<input checked="" type="checkbox"/> Investigated: Requires action	Description of actions: Jetting the sewer line of blockages. Redirect the discharge to sanitary sewer. Disinfect the impacted area.
Hours between call and investigation: 0	Hours to close incident: 17 hours and 50 minutes

Date case closed: **09/28/2019**

Notes:

At 2202 Tom Saunders, Athletics Facilities Manager, was called by one of his concession stands stating that liquid was coming up from floor drains in sections 18 to 25. Tom was on the other side of the stadium and began walking along the southern concourse looking at sewage manholes. Tom stated all of these manholes had some kind of visible overflow. The last manhole with visible overflow was found at the Gate J entrance. Tom asked Pipes 15 (Walter Gordon) to meet him with the jet truck in this location. 2 plumbers from Athletics, John Spivey and Jim Brotherton were also on site assisting with the overflow. The manhole at Gate J was opened and sewage flowed down fieldhouse drive, about 30 yards, and entered a nearby storm sewer. No solids were being released. Tom and Pipes 15 assessed the possibility of jetting the sewer line from here, but it was found to be too deep and too full. Tom and plumbers began looking downstream for locations to jet the sewage line. The manhole directly below Gate J was secured with 5 sided hex bolts and they were unable to open the vault, a water key was not on location.

IRU 8 (Cursio) received a call from IRU 1 (Trest) who had been in communication with Tom. IRU 1 was asked to send someone to help with opening manhole covers and controlling the overflow. IRU 8 was called and responded at 2145. IRU staff did not have a water key which could open the manhole, but assisted with utility drawing to locate the next manhole in line. This was opened, a small flow was found, but the vault was relatively dry. This location was used for the jet and IRU 8 assisted Pipes 15 with this task. IRU 7 (Rewers) and IRU 12 (Shultz) arrived on site at 2230. IRU and other FM staff on site moved barricades and used caution tape to stop pedestrians from walking through the overflow. The jet truck was actively trying to clear the blockage from the lower manhole but was unsuccessful. Some discolored water was flowing through the vault, but it was decided to try another location. Around 2300 the Environmental Affairs person for the home game, Garpue Cephas, arrived on site.

The next manhole below the blockage was locked shut with 5 sided hex bolts. FM and Athletics staff attempted to open it with 6 sided sockets and a set of channel locks, but we were unable to remove the cover. The jet truck was backed up and set to jet from the manhole above the overflow. This cover was lifted and the vault was filled almost to the top with raw sewage. This was visible and aromatically noticeable, and the game was nearing its end. Canvas was used to cover up barricades around the upper manhole to prevent people from looking at the area. A PVC pipe guide was stuck in the vault but it was not long enough to reach the bottom. It was decided to call JP Sewer Rooter to help empty the vault so it could be jetted. The vacuum truck arrived on site at 0020 to clean out the vault at Gate J. After working on the vault for about an hour the sewage level had still not dropped. An attempt was again made to open the bolted manhole cover downstream. With vice grips and channel locks the bolts were removed and the vault was found to be dry. The jet truck was used to try to clear the line upstream, but was unsuccessful. With the lower manhole to the sanitary system now open, the discharge was redirected to the sanitary system rather than the stormwater inlet.

The impacted area was continued to be cordoned off from the public to prevent foot traffic from entering the discharge. All impacted surfaces where disinfected with a 10% bleach solution. The impacted stormwater inlet was sealed off prior to the application of the disinfectant. The blockages were cleared on Saturday, 9/28/2019 at approximately 2 pm. MDE was contacted and a verbal report was made at approximately 1:30 am on Saturday, 9/28/2019 by Jason Baer of Environmental Affairs. A written report of the incident will be submitted to MDE no later than the close of business Wednesday, 10/02/2019.

PHOTOGRAPHIC LOG

Client Name: University of Maryland	Site Location: Capital One Stadium-Gate J Entrance	Project No. 09/27/19 Sewage Overflow
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Photo No. 1	Date: 09/27/19	
Direction Photo Taken: Facing overflowing sewer manhole		
Description: Overflowing sanitary manhole. Discharge began at approximately 10pm on Friday, 9/27/19. Flow rate initially approximated at 50 GPM for the initial 2.5 hours of discharge. Then was greatly reduced to 5 GPH. A total of 7,550 gallons was estimated of being discharged.		


Photo No. 2	Date: 09/27/19	
Direction Photo Taken: Facing downhill of sanitary manhole towards stormwater inlet.		
Description: Picture showing the pathway of the sewer discharge into the stormwater inlet. Initially, the discharge entered the stormwater system via an inlet, but was eventually redirected to a nearby sanitary manhole. The photo shows UMD's sewer jet truck.		

Photo No.
3

Date:
09/28/19

Direction Photo Taken:

Facing Gate J entrance/Overflowing sanitary manhole

Description:

Impacted area was cordoned off to the public to eliminate the impact to the public.



Photo No.
4

Date:
09/28/19

Direction Photo Taken:

Above Outfall 003

Description:

Outfall 003 is the receiving outfall for the drainage area that was impacted by the sewage release. Photo was taken to demonstrate that the water discharging from outfall 003 has no visible suds or solids and is clear.



Photo No.
5

Date:
09/28/19

Direction Photo Taken:

From the foot bridge looking towards Outfall 003

Description:

Picture demonstrates the location of the receiving outfall for the impacted drainage area. Access to the creek is limited by topography, fencing, and heavy vegetation, thereby reducing the risk of human contact with the release.



Photo No.
6

Date:
09/28/19

Direction Photo Taken:

Facing the area impacted

Description:

Picture of the area impacted by the sewage overflow. The manhole to which the discharge was redirected is at the topographic low point of the road. The impacted stormwater inlet is approximately 6 inches higher elevation than the manhole. The photo also shows the bypass pumping system deployed by UMD staff.



Photo No. 7	Date: 09/28/19
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Direction Photo Taken:
From the northeast

Description:
Picture of the area impacted by the sewage overflow. The topography of the site has the sanitary manhole the discharge was redirected to at the bottom of the hill in either direction.



Photo No. 8	Date: 09/28/19
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Direction Photo Taken:
From above

Description:
Picture of a solution of 10% bleach being applied to the impacted area to disinfect the surfaces impacted.



Photo No.
9

Date:
09/28/19

Direction Photo Taken:

From the south

Description:

Picture of the impacted stormwater inlet sealed with liners and sandbags to prevent the 10% bleach disinfectant solution from entering the stormwater system.



Photo No.
10

Date:
09/28/19

Direction Photo Taken:

N/A

Description:

A rendering of the flow path taken by the sewage overflow. Indicated on the map are the stormwater inlet and the sanitary system manhole to which the discharge was redirected. The surface flow of the release was approximately 100 feet.

