Illicit Discharge Incident Tracking Sheet

Incident ID: 2021-1

Responder Information	
Call taken by: N/A	Call date: 03/02/2021
Call time: 0831	Precipitation (inches) in past 24-48 hrs: 1.29
Reporter Information	
Incident time: 0831	Incident date: 03/02/2021

Caller contact information (*optional*):

Incident Location *(complete one or more below)*

Latitude and longitude: 38.98527777777778, -76.93277777777779

Stream address or outfall #: 005

Closest street address: Campus Dr, College Park, MD 20740

Nearby landmark: Paint Branch Stream Valley Park

Primary Location Description	**Secondary Location Description:** Outfall 005		
■ Stream corridor *(In or adjacent to stream)*	■ Outfall	☐ In-stream flow	☐ Along banks
☐ Upland area *(Land not adjacent to stream)*	☐ Near storm drain	☐ Near other water source (storm water pond, wetland, etc.):	

Narrative description of location: Outfall 005 is located approximately 50ft east from campus drive.

Upland Problem Indicator Description

☐ Dumping	☐ Oil/solvents/chemicals	☐ Sewage
☐ Wash water, suds, etc.	☐ Other: _____	

Stream Corridor Problem Indicator Description

Odor	■ None	☐ Sewage	☐ Rancid/Sour	☐ Petroleum (gas)
	☐ Sulfide (rotten eggs); natural gas	☐ Other: Describe in "Narrative" section		
Appearance	☐ "Normal"	☐ Oil sheen	☐ Cloudy	☐ Suds
	■ Other: Describe in "Narrative" section			
Floatables	■ None:	☐ Sewage (toilet paper, etc)	☐ Algae	☐ Dead fish
	☐ Other: Describe in "Narrative" section			

Narrative description of problem indicators: Large amounts of sediment being discharged from Outfall #005 into the unnamed tributary of the Paint Branch

Suspected Violator (name, personal or vehicle description, license plate #, etc.): The construction site of the new School of Public Policy on the UMD Campus.

Investigation Notes	
Initial investigation date: 03/02/2021	Investigators: Kaitlyn Peterson/Samantha Brodsky
☐ No investigation made	Reason:
☒ Referred to different department/agency:	Department/Agency: Planning and Construction
☐ Investigated: No action necessary	
☐ Investigated: Requires action	Description of actions:
Hours between call and investigation: 0	Hours to close incident: 2
Date case closed: 03/02/2021	

Notes: Large amounts of sediment were observed being discharge from Outfall 005, during the monthly NPDES sampling event, into an unnamed tributary of the Paint Branch. The investigation began by informing Jason Baer, Assistant Director of the Office of Environmental Affairs about the incident. He reached out to Bill Olen, the Executive Director of Planning & Construction at UMD to inquire if there was any dewatering and/or pouring concrete that morning. Kaitlyn and Sam investigated the perimeter of the School of Public Policy in addition to the other construction activity in Outfall 005's drainage area. Mr. Olen replied to Mr. Baer there was no concrete pours or dewatering at the Public Policy building construction site during the incident. However, Kaitlyn and Sam did note and photograph 2 construction workers clearing out what looks to be a stormdrain inlet on the construction site. Kaitlyn then asked a worker on site if their BMPs included covering the exposed storm-drains and he said no, they did not. Kaitlyn then informed them that they need to be covered in accordance to their sediment control and erosion plan, additionally to prevent discharges such as this from occurring again.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2021-2

Responder Information	
Call taken by: N/A	Call date: 03/02/2021
Call time: 0958	Precipitation (inches) in past 24-48 hrs: 1.29
Reporter Information	
Incident time: 0958	Incident date: 03/02/2021

Caller contact information (*optional*):

Incident Location *(complete one or more below)*

Latitude and longitude: 38.991084, -76.935606

Stream address or outfall #: 004

Closest street address: 8223 Paint Branch Dr., College Park, MD 20742

Nearby landmark: A.V. Williams Building (115 AVW)

Primary Location Description	**Secondary Location Description:** Outfall 005		
■ Stream corridor *(In or adjacent to stream)*	■ Outfall	☐ In-stream flow	☐ Along banks
☐ Upland area *(Land not adjacent to stream)*	☐ Near storm drain	☐ Near other water source (storm water pond, wetland, etc.):	

Narrative description of location: Outfall 004 is located approximately 20 ft east off the bike path that runs adjacent to parking lot GG1.

Upland Problem Indicator Description

☐ Dumping	☐ Oil/solvents/chemicals	☐ Sewage
☐ Wash water, suds, etc.	☐ Other: _____	

Stream Corridor Problem Indicator Description

Odor	■ None	☐ Sewage	☐ Rancid/Sour	☐ Petroleum (gas)
	☐ Sulfide (rotten eggs); natural gas	☐ Other: Describe in "Narrative" section		
Appearance	☐ "Normal"	☐ Oil sheen	☐ Cloudy	☐ Suds
	■ Other: Describe in "Narrative" section			
Floatables	■ None:	☐ Sewage (toilet paper, etc)	☐ Algae	☐ Dead fish
	☐ Other: Describe in "Narrative" section			

Narrative description of problem indicators: Large amounts of sediment being discharged from Outfall #004 into the Paint Branch

Suspected Violator (name, personal or vehicle description, license plate #, etc.): The construction site of the new Residential Housing and Dining Facility on the UMD Campus.

Investigation Notes	
Initial investigation date: 03/02/2021	Investigators: Kaitlyn Peterson/Samantha Brodsky
☐ No investigation made	Reason:
☒ Referred to different department/agency:	Department/Agency: Planning and Construction
☐ Investigated: No action necessary	
☐ Investigated: Requires action	Description of actions:
Hours between call and investigation: 0	Hours to close incident: 11
Date case closed: 03/02/2021	

Notes: Large amounts of sediment were observed being discharge from Outfall 004, during the monthly NPDES sampling event, into the Paint Branch. The investigation began by informing Jason Baer, Assistant Director of the Office of Environmental Affairs about the incident. He reached out to Marge M. Bershtein, PE, Assistant Director, Project Management within FM Planning and Construction at UMD to inquire if there was any dewatering and/or pouring concrete that morning. Kaitlyn and Sam investigated the perimeter of the New Residential Housing and Dining Facility in addition to the other construction activity in Outfall 004's drainage area. Ms. Bershtein replied to Mr. Baer there was no concrete pours or dewatering at the Public Policy building construction site during the incident. However, the color and consistency of the sediment being discharged is similar to the ground disturbance at the New Residential Housing and Dining Facility. A follow up email to remind the project managers to ensure and inspect their construction sites for proper BMPs to ensure compliance was sent out on 03/04/2021.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2021-03

Responder Information	
Call taken by: Kaitlyn Peterson	Call date: 08/05/2021
Call time:	Precipitation (inches) in past 24-48 hrs: 0
Reporter Information	
Incident time: 07:58	Incident date: 08/05/2021

Caller contact information (*optional*):

Incident Location *(complete one or more below)*

Latitude and longitude: 38.9852778, -76.932779

Stream address or outfall #: 005

Closest street address: Campus Dr, College Park, MD 20740

Nearby landmark: Paint Branch Stream Valley Park

Primary Location Description	**Secondary Location Description:** Outfall 005		
☐ Stream corridor *(In or adjacent to stream)*	■ Outfall	☐ In-stream flow	☐ Along banks
■ Upland area *(Land not adjacent to stream)*	☐ Near storm drain	☐ Near other water source (storm water pond, wetland, etc.):	

Narrative description of location: Outfall 005 is located approximately 50ft east from campus drive. The investigation was within Outfall 005's drainage area.

Upland Problem Indicator Description

☐ Dumping	☐ Oil/solvents/chemicals	☐ Sewage
☐ Wash water, suds, etc.	■ Other: Possible underground manhole work	

Stream Corridor Problem Indicator Description

Odor	☐ None	☐ Sewage	☐ Rancid/Sour	☐ Petroleum (gas)
	☐ Sulfide (rotten eggs); natural gas	■ Other: Describe in "Narrative" section		
Appearance	☐ "Normal"	☐ Oil sheen	☐ Cloudy	☐ Suds
	☐ Other: Describe in "Narrative" section			
Floatables	☐ None:	☐ Sewage (toilet paper, etc)	☐ Algae	☐ Dead fish
	☐ Other: Describe in "Narrative" section			

Narrative description of problem indicators: A strong chlorine smell in the water and a TRC reading of 0.12 mg/L when the permit limit is 0.10

Suspected Violator (name, personal or vehicle description, license plate #, etc.): The University of Maryland

Investigation Notes	
Initial investigation date: 08/05/2021	Investigators: K. Peterson/S. Brodsky
☐ 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: 2	Hours to close incident: 102
Date case closed: 08/09/2021	

Notes: The TRC level was measured to be above the permitted limit in Outfall 005 during the monthly NPDES sampling. No obvious reason was observed during the initial investigation. Emails were sent to Rob Hermstein in FM and Christopher Ho in P&C inquiring if there were any projects within the outfall's drainage area that would explain or cause the exceedance in the TRC levels. Neither could identify any such projects. After looking through previous FM Work Outages emails, it was noted that there would be construction to replace a collapsing underground manhole along Union Lane. There is suspicion that there is a cross connections in the stormwater network between the drainage area for Outfall 003 and the drainage area for Outfall 005 which could account for the TRC exceedance.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2021-04

Responder Information	
Call taken by: Kaitlyn Peterson (emailed)	Call date: 08/26/21
Call time: 0831 (email)	Precipitation (inches) in past 24-48 hrs: 0.01
Reporter Information	
Incident time: 0500	Incident date: 08/26/21

Caller contact information (*optional*): Brian Trest, Manager, Incident Response Unit at the University of Maryland, College Park Department of Facilities Management
Service Building (003), 7757 Baltimore Ave. College Park, Maryland 20742-5221
CRC/Office: 301.405.2222
Cell: 571.264.7193
Email: btrest@umd.edu

Incident Location *(complete one or more below)*

Latitude and longitude: 38°59'24.324"N 76°56'22.488"W

Stream address or outfall #: 003

Closest street address: 8051 Regents Dr., College Park, MD 20742

Nearby landmark: Wing 5 of Chemistry Building

Primary Location Description	**Secondary Location Description:**		
☐ Stream corridor *(In or adjacent to stream)*	☐ Outfall	☐ In-stream flow	☐ Along banks
■ Upland area *(Land not adjacent to stream)*	■ Near storm drain	☐ Near other water source (storm water pond, wetland, etc.):	

Narrative description of location: Water coming from the ground next to the Wing 5 ejector pumps located in a grassy area next the to exterior of the building.

Upland Problem Indicator Description

☐ Dumping	☐ Oil/solvents/chemicals	■ Sewage
☐ Wash water, suds, etc.	☐ Other: _____	

Stream Corridor Problem Indicator Description

Odor	☐ None	■ Sewage	☐ Rancid/Sour	☐ Petroleum (gas)
	☐ Sulfide (rotten eggs); natural gas	☐ Other: Describe in "Narrative" section		
Appearance	■ "Normal"	☐ Oil sheen	☐ Cloudy	☐ Suds
	☐ Other: Describe in "Narrative" section			
Floatables	■ None:	☐ Sewage (toilet paper, etc)	☐ Algae	☐ Dead fish
	☐ Other: Describe in "Narrative" section			

Narrative description of problem indicators:

Suspected Violator (name, personal or vehicle description, license plate #, etc.): University of Maryland

Investigation Notes	
Initial investigation date: 08/26/2021	Investigators: Tony Hartley, Brian Trest, Kaitlyn Peterson, Jason Baer, Sean M. Rewers
☐ No investigation made	Reason:
■ Referred to different department/agency:	Department/Agency: UMD Pipe Services
☐ Investigated: No action necessary	
■ Investigated: Requires action	Description of actions: Water usage was stopped in the building and the overflow was stopped at approx 7:00am. Piped Services staff are currently working to resolve the failure.
Hours between call and investigation: 0	Hours to close incident:
Date case closed:	

Notes: This was determined to be a sanitary backup. Water usage was stopped in the building and the overflow was stopped at approx 7:00am. Piped Services staff are currently working to resolve the failure.

Maximum flow rate entering the storm inlet was 1 GPM for 2 hours. Total of 120 gallons. There were no observable solids in the flow. Appeared to be from housekeeping cleaning bathrooms (cleaning supply odors in the overflowing water).
Soft surfaces were treated with lime (~10lbs).
Hardscapes were sanitized with bleach-water 1/10 ratio (~2 gallons)

Illicit Discharge Incident Tracking Sheet

Incident ID: 2021-05

Responder Information	
Call taken by: IAR	Call date: 10/19/2021
Call time: 11:47 am	Precipitation (inches) in past 24-48 hrs: 0
Reporter Information	
Incident time: 11:40 am	Incident date: 10/19/2021

Caller contact information (*optional*):

Incident Location *(complete one or more below)*

Latitude and longitude: -76.93932, 38.99099

Stream address or outfall #: 004

Closest street address: 4418 Stadium Dr., College Park, MD 20742

Nearby landmark: Chemical & Nuclear Engineering Building (090 CHE)

Primary Location Description	**Secondary Location Description:**		
☐ Stream corridor *(In or adjacent to stream)*	☐ Outfall	☐ In-stream flow	☐ Along banks
■ Upland area *(Land not adjacent to stream)*	■ Near storm drain	☐ Near other water source (storm water pond, wetland, etc.):	

Narrative description of location: Sinkhole within Industrial Lane in the area of Chemical Nuclear Engineering & Animal Sciences. Water drained into zipper drains and stormwater inlets.

Upland Problem Indicator Description

☐ Dumping	☐ Oil/solvents/chemicals	☐ Sewage
☐ Wash water, suds, etc.	■ Other: Sinkhole/water main break	

Stream Corridor Problem Indicator Description

Odor	■ None	☐ Sewage	☐ Rancid/Sour	☐ Petroleum (gas)
	☐ Sulfide (rotten eggs); natural gas	☐ Other: Describe in "Narrative" section		
Appearance	☐ "Normal"	☐ Oil sheen	■ Cloudy	☐ Suds
	■ Other: Describe in "Narrative" section			
Floatables	☐ None:	☐ Sewage (toilet paper, etc)	☐ Algae	☐ Dead fish
	☐ Other: Describe in "Narrative" section			

Narrative description of problem indicators: Large amounts of turbidity due to sediment deposits from the water main break within the drainage area.

Suspected Violator (name, personal or vehicle description, license plate #, etc.): UMD

Investigation Notes	
Initial investigation date: 10/19/2021	Investigators: Kaitlyn Peterson
☐ No investigation made	Reason:
☐ Referred to different department/agency:	Department/Agency:
☐ Investigated: No action necessary	
■ Investigated: Requires action	Description of actions: Water main needs immediate repairs. Water line has been shut off until such repairs has been had.
Hours between call and investigation: 0	Hours to close incident:
Date case closed:	
Notes:	

Illicit Discharge Incident Tracking Sheet

Incident ID: 2021-06

Responder Information	
Call taken by: NA	Call date:
Call time:	Precipitation (inches) in past 24-48 hrs: 0.02
Reporter Information	
Incident time: 9:35 am	Incident date: 12/02/2021

Caller contact information (*optional*):

Incident Location *(complete one or more below)*

Latitude and longitude: 38.990139, -76.935097

Stream address or outfall #: 003

Closest street address: 8169 Paint Branch Dr, College Park, MD 20740

Nearby landmark:

Primary Location Description	**Secondary Location Description:**		
☐ Stream corridor *(In or adjacent to stream)*	■ Outfall	☐ In-stream flow	☐ Along banks
■ Upland area *(Land not adjacent to stream)*	☐ Near storm drain	☐ Near other water source (storm water pond, wetland, etc.):	

Narrative description of location: Chemistry Wing 1 replacement construction site

Upland Problem Indicator Description

☐ Dumping	☐ Oil/solvents/chemicals	☐ Sewage
☐ Wash water, suds, etc.	■ Other: Construction	

Stream Corridor Problem Indicator Description

Odor	☐ None	☐ Sewage	☐ Rancid/Sour	☐ Petroleum (gas)
	☐ Sulfide (rotten eggs); natural gas	☐ Other: Describe in "Narrative" section		
Appearance	☐ "Normal"	☐ Oil sheen	☐ Cloudy	☐ Suds
	☐ Other: Describe in "Narrative" section			
Floatables	☐ None:	☐ Sewage (toilet paper, etc)	☐ Algae	☐ Dead fish
	☐ Other: Describe in "Narrative" section			

Narrative description of problem indicators: Sediment laden water

Suspected Violator (name, personal or vehicle description, license plate #, etc.): Construction at Wing 1 Chemistry

Investigation Notes	
Initial investigation date: 12/02/2021	Investigators: K.Peterson/S. Brodsky
☐ No investigation made	Reason:
☐ Referred to different department/agency:	Department/Agency:
☐ Investigated: No action necessary	
■ Investigated: Requires action	Description of actions: FM Needs to contact the PM of the construction site to evaluate their BMPS
Hours between call and investigation: 0	Hours to close incident: 3
Date case closed: 12/3/2021	
Notes:	