

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-01				
Responder Information				
Call taken by: N/A			Call date: N/A	
Call time: N/A			Precipitation (inches) in past 24-48 hrs: 0.00	
Reporter Information				
Incident time: _____ PM			Incident date: 1/20/2017	
Caller contact information (<i>optional</i>): N/A				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.989771, -76.934763				
Stream address or outfall #: Outfall 002				
Closest street address: Baltimore Ave. & Lakeland Rd., College Park, MD 20742				
Nearby landmark: Brendan Iribe Center				
Primary Location Description		Secondary Location Description:		
<input checked="" 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 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: Outfall 002				
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>high pH</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 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: High pH (11.05) detected during monthly NPDES sampling				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Iribe Center construction				

Investigation Notes

Initial investigation date: 1/20/2017

Investigators: J. Baer

No investigation made

Reason:

Referred to different department/agency:

Department/Agency: UMD Facilities Management

Investigated: No action necessary

Investigated: Requires action

Description of actions:

Improve existing BMPs and/or implement new BMPs in order to prevent construction sites from contaminating stormwater runoff

Hours between call and investigation:

Hours to close incident:

Date case closed: 2/19/2017

Notes:

During monthly NPDES sampling, staff from the Environmental Affairs Unit observed an elevated pH (11.05) at Outfall 002, which flows to Paint Branch Creek. It was concluded that the water from concrete pouring at the Iribe Center was the cause of the discharge, and Jason Baer notified Facilities Management to perform corrective action. Environmental Affairs tested the pH on a weekly basis until pH returned to normal.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-02				
Responder Information				
Call taken by: J. Baer			Call date: 5/9/2017	
Call time:			Precipitation (inches) in past 24-48 hrs: 0.00	
Reporter Information				
Incident time:			Incident date: 5/9/2017	
Caller contact information (<i>optional</i>): Student notified ESSR via email of discolored discharge into Paint Branch Creek				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.990166, -76.935181				
Stream address or outfall #: Outfall 003				
Closest street address: Baltimore Ave. & Lakeland Rd., College Park, MD 20742				
Nearby landmark: Computer Science Instructional Center (#406)				
Primary Location Description		Secondary Location Description:		
<input checked="" 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 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: Outfall 003				
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 discharging from Outfall 003				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Construction runoff from Cole Field House				

Investigation Notes

Initial investigation date: 5/9/2017

Investigators: J. Baer

No investigation made

Reason:

Referred to different department/agency:

Department/Agency: UMD Facilities Management

Investigated: No action necessary

Investigated: Requires action

Description of actions:

Improve existing BMPs and/or implement new BMPs in order to prevent construction site from contaminating stormwater runoff

Hours between call and investigation:

Hours to close incident:

Date case closed:

Notes:

A student emailed the Environmental Affairs Unit to report discolored water discharging to Paint Branch Creek. EA investigated and determined that highly turbid, sediment laden water was being discharged from Outfall 003 due to the dewatering at the Cole Field House construction site. Environmental Affairs notified UMD Facilities Management to perform corrective action.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-03				
Responder Information				
Call taken by: N/A			Call date: N/A	
Call time: N/A			Precipitation (inches) in past 24-48 hrs: 0.00	
Reporter Information				
Incident time: 8:58 AM			Incident date: 5/26/2017	
Caller contact information (<i>optional</i>): N/A				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.981388, -76.946436				
Stream address or outfall #: Outfall 012				
Closest street address: 4149 Mowatt Ln, College Park, MD 20740				
Nearby landmark: Mowatt Lane Garage				
Primary Location Description		Secondary Location Description:		
<input checked="" 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 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: Outfall 012				
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>Unknown Nitrogen source</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 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: NPDES sample results showed Nitrogen at a concentration of 294 mg/L for Outfall 012.				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Unknown				

Investigation Notes

Initial investigation date: 6/23/2017

Investigators: A. Galbreath

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:

Hours to close incident:

Date case closed: 6/26/2017

Notes:

The NPDES sampling results showed Nitrogen at a concentration of 294 mg/L at Outfall 012, 292 mg/L of which was Nitrate/Nitrite. Environmental Affairs suspected that the Nitrogen source was likely fertilizer runoff from campus and not sewage due to the high Nitrate/Nitrate content; Facilities Management confirmed that no fertilizer was applied on or before the sampling date. This was the first time on record that Nitrogen has been detected above 10 mg/L. It was concluded that the Nitrogen result was an anomaly. Environmental Affairs will closely monitor the Nitrogen results from this outfall in the future.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-04				
Responder Information				
Call taken by: N/A			Call date: N/A	
Call time: N/A			Precipitation (inches) in past 24-48 hrs: 0.00	
Reporter Information				
Incident time: 10:36 AM			Incident date: 6/21/2017	
Caller contact information (<i>optional</i>): N/A				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.986411, -76.932894				
Stream address or outfall #: Outfall 016				
Closest street address: Campus Dr, College Park, MD				
Nearby landmark: Old Motor Pool Building (#011)				
Primary Location Description		Secondary Location Description:		
<input checked="" 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 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: Outfall 016				
Upland Problem Indicator Description				
<input type="checkbox"/> Dumping		<input checked="" 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: Minor oil sheen observed at Outfall 016				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Vehicle leak on roadway or parking lot				

Investigation Notes

Initial investigation date: 6/27/2017

Investigators: J. Baer, A. Galbreath, K. Williams, R. McMullen

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:

Hours to close incident:

Date case closed: 6/27/2017

Notes:

During monthly NPDES sampling at Outfall 016, Environmental Affairs noticed a minor oil sheen immediately downgradient of Outfall 016. It was originally suspected that the car wash at the old motor pool building may be discharging to the storm drain. Environmental Affairs conducted a dye test to verify this and found that the car wash discharges to the sanitary sewer. It was concluded that the source of the oil sheen was a minor oil spill on the upgradient parking lot that was carried to the outfall via stormwater runoff.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-05				
Responder Information				
Call taken by: N/A			Call date: N/A	
Call time: N/A			Precipitation (inches) in past 24-48 hrs: 0.00	
Reporter Information				
Incident time: 2:00 PM			Incident date: 7/11/2017	
Caller contact information (<i>optional</i>): N/A				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.995566, -76.936765				
Stream address or outfall #:				
Closest street address: 8537 Paint Branch Dr, College Park, MD 20742				
Nearby landmark: Shuttle Bus Facility				
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: Upgradient of storm drain on west side of Shuttle UM Building (#424)				
Upland Problem Indicator Description				
<input type="checkbox"/> Dumping		<input type="checkbox"/> Oil/solvents/chemicals	<input type="checkbox"/> Sewage	
<input checked="" 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 checked="" 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: Vehicle wash water was being discharged to the storm drain.				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Shuttle UM				

Investigation Notes

Initial investigation date: 7/11/2017

Investigators: J. Baer, A. Galbreath, C. Taylor

No investigation made

Reason:

Referred to different department/agency:

Department/Agency: VPSA - Shuttle UM

Investigated: No action necessary

Investigated: Requires action

Description of actions:

Hours between call and investigation: 0

Hours to close incident:

Date case closed:

Notes:

During a SPCC inspection, staff from the Environmental Affairs Unit observed vehicle washing at the Shuttle Bus Facility and discovered that the wash water was being discharged to the storm drain on the west side of Building #424, which then flows to an unnamed tributary of Paint Branch Creek. Jason Baer notified Peter Agustin via email on 7/11/2017 that vehicle wash water cannot be discharged to the storm drain.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-06				
Responder Information				
Call taken by: N/A			Call date: N/A	
Call time: N/A			Precipitation (inches) in past 24-48 hrs: 0.04	
Reporter Information				
Incident time: 9:30 AM			Incident date: 7/25/2017	
Caller contact information (<i>optional</i>): N/A				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.985549, -76.932884				
Stream address or outfall #: Outfall 005				
Closest street address: Campus Dr, College Park, MD				
Nearby landmark: Old Motor Pool Building (#011)				
Primary Location Description		Secondary Location Description:		
<input checked="" 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 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: Outfall 005				
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 discharging from Outfall 005				
Suspected Violator (name, personal or vehicle description, license plate #, etc.):				
Construction runoff from the area between Francis Scott Key Hall (#048) and Woods Hall (#047)				

Investigation Notes

Initial investigation date: 7/26/2017	Investigators: J. Baer, A. Galbreath
<input type="checkbox"/> No investigation made	Reason: To investigate the source of the sediment
<input checked="" type="checkbox"/> Referred to different department/agency:	Department/Agency: UMD Facilities Management
<input type="checkbox"/> Investigated: No action necessary	
<input checked="" type="checkbox"/> Investigated: Requires action	Description of actions: Improve existing BMPs and/or implement new BMPs in order to prevent construction sites from contaminating stormwater runoff
Hours between call and investigation:	Hours to close incident:
Date case closed: 7/26/17	

Notes:

During the monthly NPDES sampling, Environmental Affairs observed a large amount of sediment being discharged from Outfall 005 (photos attached). Environmental Affairs later investigated the Outfall 005 watershed to determine the source, and it was concluded that the most likely source was construction runoff from the area between Francis Scott Key Hall and Woods Hall (photos attached). Environmental Affairs notified Chris Ho and Bob Olen from UMD Facilities Management of the situation via email on 7/25/17. Facilities Management notified the contractor who later installed a berm to divert the water and secured filter fabric over the inlet to prevent sediment from entering the storm drain. The contractor also cleaned up the loose soil spills on the pavement.

UMD Illicit Discharge Photo Log
7/25/2017 – Sediment at Outfall 005



Outfall 005 discharging highly turbid, sediment laden water.



Intersection of Outfall 005 discharge and an unnamed tributary of Paint Branch Creek; discharge is highly impacting receiving waters.

UMD Illicit Discharge Photo Log
7/25/2017 – Sediment at Outfall 005



Between Francis Scott Key Hall (FSK) and Woods Hall, looking towards FSK; large soil pile uncovered and exposed to stormwater



Between Francis Scott Key Hall (FSK) and Woods Hall, looking towards Woods Hall; large rill suggesting recent erosion. Storm drain is located on the right side of the pictured fence.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-07				
Responder Information				
Call taken by: N/A			Call date: N/A	
Call time: N/A			Precipitation (inches) in past 24-48 hrs: 0.04	
Reporter Information				
Incident time: 9:51 AM			Incident date: 7/25/2017	
Caller contact information (<i>optional</i>): N/A				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.986411, -76.932894				
Stream address or outfall #: Outfall 016				
Closest street address: Campus Dr, College Park, MD				
Nearby landmark: Old Motor Pool Building (#011)				
Primary Location Description		Secondary Location Description:		
<input checked="" 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 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: Outfall 016				
Upland Problem Indicator Description				
<input type="checkbox"/> Dumping		<input checked="" 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: Minor oil sheen observed at Outfall 016				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Vehicle leak on roadway or parking lot				

Investigation Notes

Initial investigation date:	Investigators: A. Galbreath
<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: Inspect oil-water separator and clean out if necessary
Hours between call and investigation:	Hours to close incident:
Date case closed:	

Notes:

During monthly NPDES sampling at Outfall 016, Environmental Affairs noticed an oil sheen immediately downgradient of Outfall 016. It is suspected that the oil-water separators upgradient of Outfall 016 need to be cleaned out.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-08				
Responder Information				
Call taken by: N/A			Call date: N/A	
Call time: N/A			Precipitation (inches) in past 24-48 hrs: 0.04	
Reporter Information				
Incident time: 11:20 AM			Incident date: 7/25/2017	
Caller contact information (<i>optional</i>): N/A				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.990166, -76.935181				
Stream address or outfall #: Outfall 003				
Closest street address: Baltimore Ave. & Lakeland Rd., College Park, MD				
Nearby landmark: Computer Science Instructional Center (#406)				
Primary Location Description		Secondary Location Description:		
<input checked="" 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 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: Outfall 003				
Upland Problem Indicator Description				
<input type="checkbox"/> Dumping		<input type="checkbox"/> Oil/solvents/chemicals	<input type="checkbox"/> Sewage	
<input checked="" 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 checked="" 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 and persistent foam discharging from Outfall 003				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Construction runoff from Cole Field House				

Investigation Notes

Initial investigation date: 7/25/17

Investigators: J. Baer

No investigation made

Reason:

Referred to different department/agency:

Department/Agency: UMD Facilities Management

Investigated: No action necessary

Investigated: Requires action

Description of actions:

Improve existing BMPs and/or implement new BMPs in order to prevent construction sites from contaminating stormwater runoff

Hours between call and investigation:

Hours to close incident:

Date case closed: 7/26/17

Notes:

During the monthly NPDES sampling, Environmental Affairs observed a large amount of sediment and some persistent foam being discharged from Outfall 003 (photos attached). Environmental Affairs later investigated the Outfall 003 watershed to determine the source, and it was concluded that the source was construction runoff from the Cole Field House project. Environmental Affairs notified Chris Ho and Bob Olen from UMD Facilities Management of the situation via email on 7/25/17. Facilities Management notified the contractor who then swept up all debris, covered up soil piles, and installed inlet protection.

UMD Illicit Discharge Photo Log
7/25/2017 – Sediment at Outfall 003



Top left: intersection of Outfall 003 and Paint Branch Creek; sediment highly impacting receiving waters.

Top right: close up of the intersection of Outfall 003 and Paint Branch Creek.

Bottom: view from Outfall 003 looking towards Paint Branch Creek; persistent foam and sediment discharging.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-09				
Responder Information				
Call taken by: N/A			Call date: N/A	
Call time: N/A			Precipitation (inches) in past 24-48 hrs: 0.75	
Reporter Information				
Incident time: 12:30 PM			Incident date: 8/02/2017	
Caller contact information (<i>optional</i>): N/A				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.993550, -76.939906				
Stream address or outfall #: Campus Creek				
Closest street address: Regents Dr. & Wellness Way, College Park, MD				
Nearby landmark: Manufacturing Building (#148)				
Primary Location Description		Secondary Location Description:		
<input checked="" type="checkbox"/> Stream corridor (<i>In or adjacent to stream</i>)		<input type="checkbox"/> Outfall	<input type="checkbox"/> In-stream flow	<input checked="" type="checkbox"/> Along banks
<input 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: At the bend on Regents Drive, just north of the intersection of Regents Drive and Wellness Way				
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 discharging from construction area to Campus Creek				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Construction runoff from road work				

Investigation Notes

Initial investigation date: 8/02/2017

Investigators: J. Baer

No investigation made

Reason: To investigate the source of the sediment

Referred to different department/agency:

Department/Agency: UMD Facilities Management

Investigated: No action necessary

Investigated: Requires action

Description of actions:

Implement BMPs in order to prevent construction from contaminating stormwater runoff

Hours between call and investigation:

Hours to close incident:

Date case closed: 8/02/17

Notes:

Environmental Affairs observed a small construction project at the corner of Regents Drive, near Wellness Way and the Xfinity Center parking lots. Although the area of disturbance was relatively small, there was a significant amount of sediment and sediment-laden water entering Campus Creek by way of curb cuts located 20-30 feet from the construction area. The contractor did not have any BMPs in use to protect the nearby waterway. Jason Baer notified Facilities Management via email on 8/2/2017. Facilities Management will implement BMPs to prevent construction activities from contaminating stormwater runoff.

UMD Illicit Discharge Photo Log
8/2/2017 – Sediment at Regents Drive & Wellness Way



On Regents Drive looking north towards Xfinity Center, a small construction site without any BMPs discharging highly turbid, sediment laden water to Campus Creek

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-10				
Responder Information				
Call taken by:			Call date:	
Call time:			Precipitation (inches) in past 24-48 hrs:	
Reporter Information				
Incident time:			Incident date: 8/15/2017	
Caller contact information (<i>optional</i>):				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.988577, -76.946388				
Stream address or outfall #:				
Closest street address: Cole Student Activities Building, 4090 Union Dr., College Park, MD 20742				
Nearby landmark: Cole Student Activities Building (#162 COL)				
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: Cole Student Activities Building				
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 discharging from the Cole Student Activities Building to the storm drain				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Construction runoff from Cole Field House				

Investigation Notes

Initial investigation date: 8/15/2017

Investigators: A. Galbreath, K. Williams

No investigation made

Reason:

Referred to different department/agency:

Department/Agency: UMD Facilities Management

Investigated: No action necessary

Investigated: Requires action

Description of actions:

Improve existing BMPs and/or implement new BMPs in order to prevent construction site from contaminating stormwater runoff

Hours between call and investigation:

Hours to close incident:

Date case closed:

Notes:

Environmental Affairs (EA) observed highly turbid, sediment laden water was being discharged from Outfall 003 due to the dewatering at the Cole Field House construction site. EA notified UMD Facilities Management, who then notified the contractor, Gilbane Building Co., to perform corrective action. Gilbane is going to install approximately 150 linear feet of super silt fence and hydro-seed 21,000 sq. feet (see attachment for details).

The New Cole Fieldhouse PTZ - View 2, College Park, MD



8/9/2017 10:40 AM

73° F

Approx. 150 Linear Feet of SSF. Tied into existing.

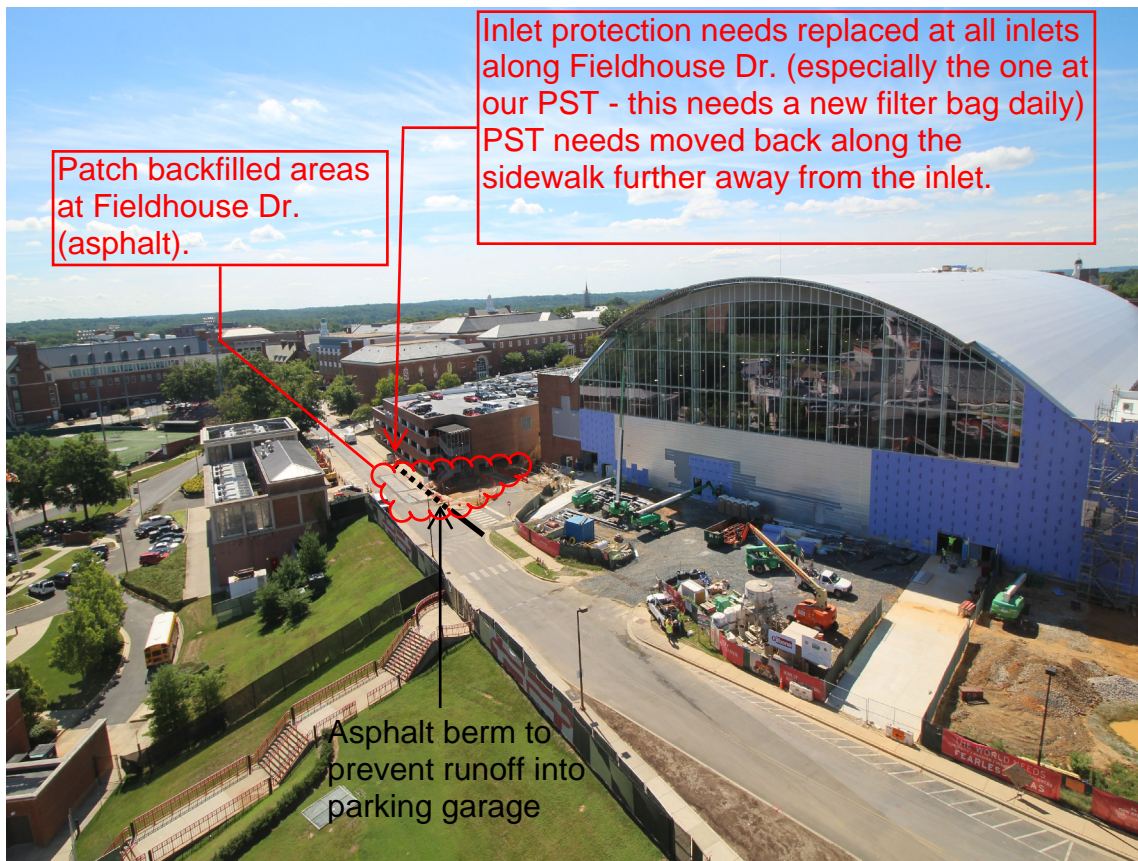
See attached for Hydro-seeding. Approx. 21000sq.ft.

Some dress up of the slope and areas around the sediment pond will need to be addressed.

Sediment pond will need to be pumped down and sediment removed.

Temporary waterproofing foundation wall to exterior stud wall

The New Cole Fieldhouse PTZ - View 1, College Park, MD



7/25/2017 10:34 AM

74° F



SSF installed after back fill and trench boxes removed.

SSF

Asphalt berm as secondary protection

Stabilized with fabric and Stone.

Re-secure fabric

SSF

UMD Illicit Discharge Photo Log
8/15/2017 – Cole Field House Construction



Looking east on Fieldhouse Drive, sediment-laden water being discharged from Cole Field House construction site to the storm drain.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-11				
Responder Information				
Call taken by: N/A			Call date: N/A	
Call time: N/A			Precipitation (inches) in past 24-48 hrs:	
Reporter Information				
Incident time: 9:49 AM			Incident date: 8/31/2017	
Caller contact information (<i>optional</i>): N/A				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.994029, -76.944198				
Stream address or outfall #: Outfall 019				
Closest street address: Wellness Way, College Park, MD 20742				
Nearby landmark: School of Public Health Building (#255)				
Primary Location Description		Secondary Location Description:		
<input checked="" 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 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: Outfall 019				
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>Unknown chlorine source</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: Chlorine detected at 0.84 mg/L at Outfall 019; water was also cloudy with what appeared to be a biological sheen.				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): TBD				

Investigation Notes

Initial investigation date: 8/31/2017

Investigators: A. Galbreath

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:

Hours to close incident:

Date case closed:

Notes:

During monthly NPDES sampling at Outfall 019, Environmental Affairs (EA) detected total residual chlorine at a concentration of 0.84 mg/L and observed cloudy water discharging with an apparent biological sheen. The chlorine was retested three (3) times after the 8/31 chlorine reading and found chlorine concentrations to be below 0.01 mg/L each time. EA will continue to keep a close eye on this outfall.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-12				
Responder Information				
Call taken by: Jason Baer			Call date: 9/15/2017	
Call time: 11:45 am			Precipitation (inches) in past 24-48 hrs:	
Reporter Information				
Incident time: 11:45 am			Incident date: 9/15/2017	
Caller contact information (<i>optional</i>):				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.989393 -76.936931				
Stream address or outfall #:				
Closest street address: 8136 Paint Branch Dr., College Park, MD 20742				
Nearby landmark: Brendan Iribe Center				
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: Entrance to Brendan Iribe Center on Paint Branch Dr.				
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 discharging from the Brendan Iribe Center construction site to the storm drain				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Construction contractor at Brendan Iribe Center				

Investigation Notes

Initial investigation date: 9/15/2017

Investigators: A. Galbreath

No investigation made

Reason:

Referred to different department/agency:

Department/Agency: UMD Facilities Management

Investigated: No action necessary

Investigated: Requires action

Description of actions:

Do not use discharge water from construction sites; use other methods to clean up sediment, such as street sweeping

Hours between call and investigation: 0.25

Hours to close incident: 4

Date case closed: 9/15/2017

Notes:

Environmental Affairs (EA) received a phone call about muddy water discharging from the Brendan Iribe Center construction site. EA immediately investigated and found that the contractor was spraying water on the street and washing a considerable amount of sediment directly into the storm drain. See attached photo log. EA will notified UMD Facilities Management, who will then notify the contractor to cease the illicit discharges and use an alternate method to clean up sediment. A new stabilized construction entrance was installed, Paint Branch Dr. was dry swept, the construction crew was instructed not to wet clean the roadway, and the inlet protection was cleaned.

UMD Illicit Discharge Photo Log
9/15/2017 – Brendan Iribe Center Construction



Looking south on Paint Branch Drive, contractor at Brendan Iribe Center construction site spraying water onto the road and discharging sediment-laden to the storm drain.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-13				
Responder Information				
Call taken by: N/A			Call date: N/A	
Call time: N/A			Precipitation (inches) in past 24-48 hrs:	
Reporter Information				
Incident time: 8:10 AM			Incident date: 9/25/2017	
Caller contact information (<i>optional</i>): N/A				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.994029, -76.944198				
Stream address or outfall #: Outfall 019				
Closest street address: Wellness Way, College Park, MD 20742				
Nearby landmark: School of Public Health Building (#255)				
Primary Location Description		Secondary Location Description:		
<input checked="" 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 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: Outfall 019				
Upland Problem Indicator Description				
<input type="checkbox"/> Dumping		<input checked="" 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 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: Food oil/grease discharged at Outfall 019				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Ellicott Dining Hall compost compactor				

Investigation Notes

Initial investigation date: 9/25/2017	Investigators: A. Galbreath, J. Baer, K. Williams
<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:
Hours between call and investigation: 1/2	Hours to close incident: 4
Date case closed: 9/25/2017	

Notes:

During monthly NPDES sampling at Outfall 019, Environmental Affairs (EA) staff observed oil or grease (which was believed to be food-related) discharging from Outfall #019. The material was very viscous and did not move far beyond the immediate area of the outfall. After making the required notification to the Maryland Department of the Environment, EA staff began investigating the watershed serviced by Outfall 019 and discovered evidence of oil/grease residue in the parking area behind the Ellicott Dining Hall (Bldg. #257).

When EA staff consulted with Greg Thompson of Dining Services regarding the issue, he noted that oily liquid was found leaking from a compost compactor unit near the loading dock on Friday, September 22nd. Greg indicated that a UMD trash truck removed the leaking compactor last Friday and that dining hall staff had flushed the spilled material into a trench drain located along the northern edge of parking lot #S8. Dining Services believed that the trench drain discharged to a grease trap located in the parking lot in front of the dining hall offices. However, EA staff conducted dye testing of the trench drain and determined that it did not discharge to the grease trap, but rather the trench drain discharges directly to a nearby storm drain inlet that ultimately discharges to Outfall #019.

EA staff deployed oil sorbent booms at Outfall 019 in an attempt to capture the oil/grease that was released, but oily material continued to discharge from the stormwater conveyance system. A contractor was brought in on 9/25 to jet and vacuum the stormwater lines between the Ellicott Dining Hall and Outfall 019 in order to remove residual oil/grease that could be discharged during the next rain event.

Additional measures taken to prevent further illicit discharges from the Ellicott Dining Hall include: 1) Dining Services has hired a contractor to seal the compactors to reduce spillage; 2) Facilities Management will haul compost compactors more frequently to ensure compactors are not overfilled and to minimize breakdown time in the compactor of food waste; 3) Dining Services will add cardboard to the compost compactor prior to filling them with food waste in order to absorb oil/grease; and 4) Oil sorbent booms will be installed in the trench drain to prevent oil/grease from reaching the stormwater conveyance system. EA and Dining Services will consult with the UMD utilities group in order to determine a long-term solution to prevent drainage to the trench drain from reaching the storm drains.

UMD Illicit Discharge Photo Log
9/22/2017 – Ellicott Dining Hall Cooking Oil/Grease Spill



Top left: Ellicott Dining Hall loading dock with food oil/grease leaking from compost compactor

Top right: Food oil/grease on water surface at Outfall 019

Bottom: Ellicott Dining Hall loading dock with food oil/grease leaking from compost compactor

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-14				
Responder Information				
Call taken by: N/A			Call date: N/A	
Call time: N/A			Precipitation (inches) in past 24-48 hrs:	
Reporter Information				
Incident time: 11:00 AM			Incident date: 9/25/2017	
Caller contact information (<i>optional</i>): N/A				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.985549, -76.932884				
Stream address or outfall #: Outfall 005				
Closest street address: Campus Dr, College Park, MD				
Nearby landmark: Old Motor Pool Building (#011)				
Primary Location Description		Secondary Location Description:		
<input checked="" 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 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: Outfall 005				
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>Elevated temperature of discharge</u>		
Stream Corridor Problem Indicator Description				
Odor	<input checked="" type="checkbox"/> None		<input type="checkbox"/> Sewage	<input type="checkbox"/> Rancid/Sour
	<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 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"/> Other: Describe in "Narrative" section			
Narrative description of problem indicators: Steam coming off of the water discharging from Outfall 005; water temperature was 92.6 degrees F.				
Suspected Violator (name, personal or vehicle description, license plate #, etc.):				
Broken steam line				

Investigation Notes

Initial investigation date: 9/26/2017

Investigators: J. Baer

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:

Hours to close incident: 23

Date case closed: 9/26/17

Notes:

During the monthly NPDES sampling, Environmental Affairs (EA) observed steam coming off of the water discharging from Outfall 005, and the water temperature was measured at 92.6 degrees F. EA contacted Facilities Management to determine the sources of the elevated water temperature, and found that College Park Energy was in the process of making repairs to the steam condensate service for Mckeldin library. As a result, steam condensate was temporarily redirected to the storm drain. This was a temporary measure needed to repair the line that transports steam condensate to the main, and the repairs will be completed ASAP.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-15				
Responder Information				
Call taken by: N/A			Call date: N/A	
Call time: N/A			Precipitation (inches) in past 24-48 hrs:	
Reporter Information				
Incident time: 11:00 AM			Incident date: 10/18/2017	
Caller contact information (<i>optional</i>): N/A				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.988518, -76.944273				
Stream address or outfall #: Outfall 003				
Closest street address: 4161 Fieldhouse Drive, College Park, MD 20742				
Nearby landmark: Stamp Student Union (#163)				
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: Spill occurred at north side of Stamp Student Union by the loading dock on Fieldhouse Drive; the liquid entered the storm drain on Fieldhouse Drive and discharged to Outfall 003.				
Upland Problem Indicator Description				
<input type="checkbox"/> Dumping		<input checked="" 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 type="checkbox"/> None	<input type="checkbox"/> Sewage	<input checked="" 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 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: Food oil/grease discharged from Stamp Student Union to Outfall 003				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Stamp Student Union compost compactor				

Investigation Notes

Initial investigation date: 10/18/2017

Investigators: A. Galbreath, J. Baer

No investigation made

Reason:

Referred to different department/agency:

Department/Agency:

Investigated: No action necessary

Investigated: Requires action

Description of actions: Clean up spill; remove residual grease/oil from storm drains; implement procedures to prevent future occurrences

Hours between call and investigation: 0

Hours to close incident: 29

Date case closed: 10/19/2017

Notes:

Environmental Affairs (EA) staff observed a spill from a compost compactor at the Stamp Student Union loading dock that had discharged to the storm drain on Fieldhouse Drive. The liquid appeared to contain cooking oil and food grease. EA then investigated the Outfall that the spill location drains to, Outfall 003, and found cloudy water with an oil sheen discharging to Paint Branch Creek. The sheen was very minor and did not appear to significantly affect the creek.

EA staff made the required phone notification to Maryland Department of the Environment and deployed oil sorbent booms and pads at Outfall 003 in an attempt to capture the oil/grease that was released. Oil continued to discharge from the stormwater conveyance system so a contractor was brought in on 10/19 to jet and vacuum the stormwater lines between the Stamp Student Union and Outfall 003 in order to remove residual oil/grease that could be discharged during the next rain event.

UMD Illicit Discharge Photo Log
10/18/2017 – Stamp Student Union Cooking Oil/Grease Spill



Top left: Scum layer on the water surface at Outfall 003

Top right: Persistent foam at Outfall 003

Bottom: Visible oil sheen on Paint Branch Creek adjacent to Outfall 003

Illicit Discharge Incident Tracking Sheet

Incident ID: 2017-16				
Responder Information				
Call taken by:			Call date:	
Call time:			Precipitation (inches) in past 24-48 hrs:	
Reporter Information				
Incident time: 11:00 am			Incident date: 10/30/2017	
Caller contact information (<i>optional</i>):				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.994457, -76.947068				
Stream address or outfall #: Outfall 019				
Closest street address: 4128 Valley Dr., College Park, MD 20742				
Nearby landmark: Eppley Recreation Center (#068)				
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: Parking lot construction west of the Eppley Recreation Center.				
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 discharging from the construction site west of Eppley Recreation Center to the storm drain				
Suspected Violator (name, personal or vehicle description, license plate #, etc.):				
Construction contractor at parking lot #2g				

Investigation Notes

Initial investigation date: 10/30/2017

Investigators: A. Galbreath, K. Williams

No investigation made

Reason:

Referred to different department/agency:

Department/Agency: UMD Facilities Management

Investigated: No action necessary

Investigated: Requires action

Description of actions:

Improve existing BMPs and/or implement new BMPs in order to prevent construction site runoff from contaminating stormwater

Hours between call and investigation:

Hours to close incident: 5

Date case closed: 10/30/2017

Notes:

During monthly NPDES sampling, Environmental Affairs (EA) observed highly turbid, sediment laden water discharging from Outfall 019. EA investigated the Outfall 019 watershed and determined that the source of the sediment was the construction site at the parking lots (lot # 2g) just west of Eppley Recreation Center. The site had a large area of disturbed, uncovered soil that eroded during the heavy rains on 10/29, and the existing stormwater BMPs (silt fence and stormwater retention pond) were not adequately containing the sediment. See attached photo log. EA notified UMD Facilities Management, who then notified the contractor to improve the existing BMPs and/or implement new BMPs that prevent sediment from contaminating stormwater runoff.

UMD Illicit Discharge Photo Log
10/30/2017 – Parking Lot #2g Construction



Top left: Looking west from Eppley Recreation Center, disturbed, uncovered soil at former parking lot #2g.

Top right: Outfall 019 discharging highly turbid, sediment laden water.

Bottom: looking east towards Eppley Recreation Center, the stormwater retention pond that receives drainage from the construction area; this water discharges directly to the storm drain that flows to Outfall 019.