

Illicit Discharge Incident Tracking Sheet

Incident ID: 2018-01				
Responder Information				
Call taken by:			Call date:	
Call time:			Precipitation (inches) in past 24-48 hrs:	
Reporter Information				
Incident time:			Incident date: 1/18/2018	
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: 1/18/2018

Investigators: A. Galbreath, 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:

Environmental Affairs (EA) observed highly turbid, sediment laden water was running off from the Cole Field House construction site to Outfall 003. EA notified UMD Facilities Management, who then notified the contractor, Gilbane Building Co., to perform corrective action.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2018-02

Responder Information

Call taken by:

Call date:

Call time:

Precipitation (inches) in past 24-48 hrs:

Reporter Information

Incident time:

Incident date: 2/20/2018

Caller contact information (*optional*):

Incident Location (*complete one or more below*)

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:

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: Cole Student Activities Building

Upland Problem Indicator Description

Dumping

Oil/solvents/chemicals

Sewage

Wash water, suds, etc.

Other: Sediment

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:

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: 2/20/2018	Investigators: A. Galbreath, K. Williams
<input type="checkbox"/> No investigation made	Reason:
<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 site from contaminating stormwater runoff
Hours between call and investigation:	Hours to close incident:
Date case closed:	

Notes:

During monthly NPDES sampling, Environmental Affairs (EA) observed highly turbid, sediment laden water was being discharged from Outfall 003. An investigation found that the source of the discharge was the Cole Field House construction site. EA notified UMD Facilities Management, who then notified the contractor, Gilbane Building Co., to perform corrective action.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2018-03				
Responder Information				
Call taken by: Jason Baer			Call date: 2/28/2018	
Call time: 12:00			Precipitation (inches) in past 24-48 hrs:	
Reporter Information				
Incident time:			Incident date: 2/28/2018	
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: 2/28/2018

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:

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) received a call that there was highly turbid, sediment laden water being discharged from Outfall 003. An investigation determined that the source of the discharge was de-watering 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 replace all AGIP/GIP/CIP onsite per plan and bring in an additional PST for the NE side on Friday; this will be the de-watering point for the tunnel pit/basement moving forward. Additionally, asphalt berms will be installed to help with water flowing from Fieldhouse Drive into the LOD.

Sediment Discharge from Cole Fieldhouse Project Site

2 messages

Jason Baer <jbaer123@umd.edu>
To: "Christopher Y. Ho" <hocyho@umd.edu>
Cc: "William E. Olen" <wolen@umd.edu>, Scott Lupin <slupin@umd.edu>
Bcc: agalbrea@umd.edu

Wed, Feb 28, 2018 at 12:50 PM

We received a call today regarding the discharge of sediment laden water from Outfall #003 (see the attached photo). We believe that the sediment is being discharged from the Cole Fieldhouse project site, as there are no other areas of land disturbance within the Outfall #003 drainage area. Please notify the appropriate parties and let us know what corrective actions are taken. Thanks.

jb

Jason L. Baer, REM
Assistant Director 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](tel:301-405-3163)
Cell: [202-441-6391](tel:202-441-6391)
Email: jbaer123@umd.edu
Website: <http://www.essr.umd.edu>



DEPARTMENT OF
ENVIRONMENTAL SAFETY,
SUSTAINABILITY & RISK



IMG_3608.JPG
3124K

Jason Baer <jbaer123@umd.edu>
To: Alexander Joseph Galbreath <agalbrea@umd.edu>

Wed, Feb 28, 2018 at 3:12 PM

Jason L. Baer, REM
Assistant Director 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: **Kendall S Fitrell** <kfitrell@umd.edu>
Date: Wed, Feb 28, 2018 at 2:40 PM
Subject: Re: Sediment Discharge from Cole Fieldhouse Project Site
To: "William E. Olen" <wolen@umd.edu>, Jason Baer <jbaer123@umd.edu>
Cc: Daniel Raymond Pierce <dpierce2@umd.edu>, Brian LeGrand Still <bstill@umd.edu>, Ruben Esteban Belen <rbelen@umd.edu>, John Leo Malcolm <jmalcolm@umd.edu>

folks, here is the response from Gilbane as to what they have done and will do in the next 24 hours.

thanks,
Kendall Fitrell
OSCR Cole Field House

Kendall,

Our de-watering operation earlier today could have contributed to this. We have Inlet 400 (Blue on attached drawing) protected with two layers of fabric and 10" of stone but the water backed up to the nearby curb inlet that was removed and had a breach in the fabric/stone protection. We were de-watering into a 10x15' filter bag but the clay fines don't filter as we have discussed before. This backup at Inlet 400 gave a path to the storm drain system through the CIP breach(Green). We do have a straw bale inserted in Inlet 400 before the discharge pipe as a secondary measure but it will only filter so much. Unfortunately, our contractors were working in the basement and were not monitoring the discharge of the de-watering effort. Gilbane caught this and shut it down.

All de-watering was stopped when this was discovered but sediment laden water could have entered the storm system. Strittmatter has been notified to replace all AGIP/GIP/CIP onsite per plan and we are bringing in an additional PST for the NE side on Friday. This will be our de-watering point for the tunnel pit/basement moving forward. The pumping distance to our PST at the West end of site is too far for our pumps to be efficient.

We also have some asphalt berms that help with water flowing from Fieldhouse Drive into our LOD that were never installed. These will also be installed tomorrow. A few of which will be better located due to site set up.

Any questions or additional concerns please touch base.

Thanks,

Justin Hooper | Superintendent | [Gilbane](#) | C:(410)428-9601

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On Wed, Feb 28, 2018 at 1:06 PM, Kendall S Fitrell <kfitrell@umd.edu> wrote:

I will go address this with Gilbane

On Wed, Feb 28, 2018 at 12:54 PM, William E. Olen <wolen@umd.edu> wrote:

Folks,

Please address.

Bill Olen

Executive Director, Planning & Construction

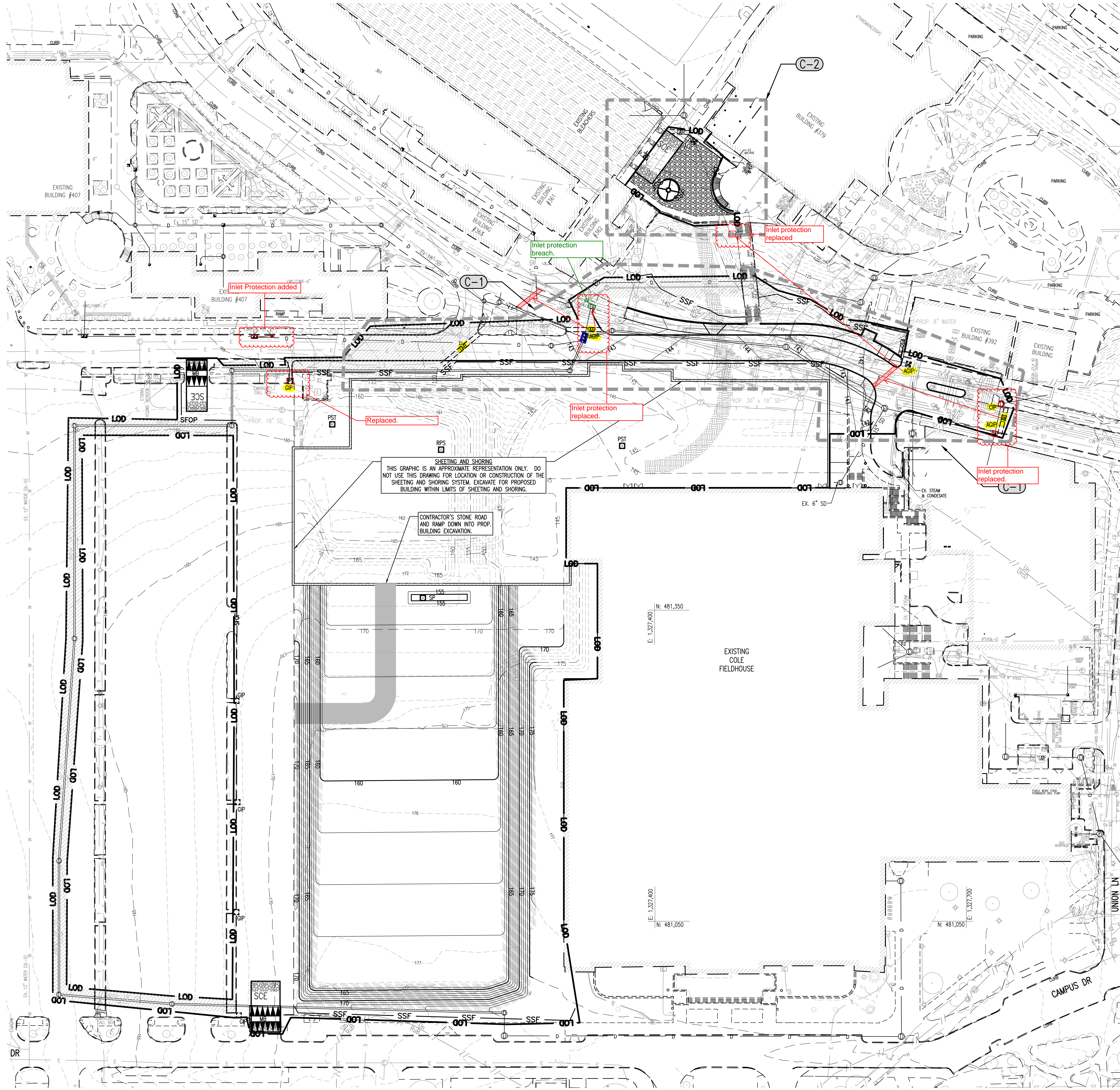
UMD Service Center

College Park, Md.

[301-405-7336](tel:301-405-7336)

[Quoted text hidden]

 **corrective action.pdf**
1149K



LEGEND

- 348 --- 350 --- EXISTING CONTOURS
- ☀ EXISTING TREES
- EXISTING WALK
- EXISTING CURB
- EXISTING RETAINING WALL
- ⊙ EX. 15" SD EXISTING STORM DRAIN
- ⊙ EX. 6" WATER EXISTING WATER
- ⊙ EX. 6" SAN EXISTING SANITARY SEWER
- ⊙ EX. 2" GAS EXISTING GAS
- ⊙ EX. TELE EXISTING TELEPHONE
- ⊙ EX. ELEC EXISTING ELECTRIC
- ⊙ EX. FO EXISTING FIBER OPTIC
- ⊙ EX. CWS EXISTING CHILLED WATER
- ⊙ EX. HWS EXISTING HOT WATER
- ⊙ EX. UNK EXISTING UNKNOWN UTILITY
- ⊙ EX. STEAM EXISTING STEAM
- EXISTING FENCE
- EXISTING BUILDING
- NeB2 GcB2 EXISTING SOILS
- PROPOSED CURB
- PROPOSED RETAINING/SEAT WALL
- PROPOSED WALK (SEE LANDSCAPE PLANS)
- PROPOSED SHEETING / SHORING
- PROPOSED FENCE (SEE LANDSCAPE PLANS)
- ⊙ PROP. 14" SD PROPOSED STORM DRAIN
- ⊙ PROP. 6" WATER PROPOSED WATER
- ⊙ PROP. 8" SAN PROPOSED SANITARY SEWER
- 348 --- 350 --- PROPOSED CONTOURS
- LOD --- LIMIT OF DISTURBANCE
- SSF --- SILT FENCE ON PAWING
- SSF --- SUPER SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- MOUNTABLE BERM
- ⊙ SP SUMP PIT
- ⊙ PST PORTABLE SEDIMENT TANK
- ⊙ RPS REMOVABLE PUMPING STATION
- SAME DAY STABILIZATION
- EROSION CONTROL MATTING -- SEE DETAIL ON SHEET ESC201
- TEMPORARY ASPHALT BERM
- ⊙ GIP GABION
- ⊙ AGIP AT GRADE
- ⊙ IP INLET PROTECTION
- ⊙ DF DIVERSION FENCE
- TUNNEL BORING LIMITS

GENERAL NOTES:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES, TOPSOIL, VEGETATIVE STABILIZATION REQUIREMENTS AND SWM REQUIREMENTS SHALL COMPLY WITH ALL MARYLAND DEPARTMENT OF THE ENVIRONMENT REGULATIONS, SPECIFICATIONS, STANDARDS, AND DETAILS. ALL DISTURBED / GRADED AREAS (NON-PAVED AREAS) SHALL BE PERMANENTLY STABILIZED WITH MD CERTIFIED SOD CONSISTING OF A MIX OF 3 NAMED VARIETIES OF IMPROVED TURF TYPE TALL FESCUE (95%) AND KENTUCKY BLUEGRASS (5%).
2. ALL STORM DRAIN INLETS WITHIN AND NEAR THE LIMIT OF DISTURBANCE MUST HAVE INLET PROTECTION.
3. ANY NUISANCE WATER SHALL BE PUMPED TO A FILTER BAG OR PORTABLE SEDIMENT TANK.
4. USE PORTABLE SEDIMENT TANK(S) AND/OR REMOVABLE PUMPING STATION(S) AS NECESSARY.
5. ALL CONSTRUCTION VEHICLES & EQUIPMENT SHALL BE CLEANED OF ALL SEDIMENT AND DEBRIS PRIOR TO LEAVING LIMIT OF DISTURBANCE.

SAME DAY STABILIZATION NOTE

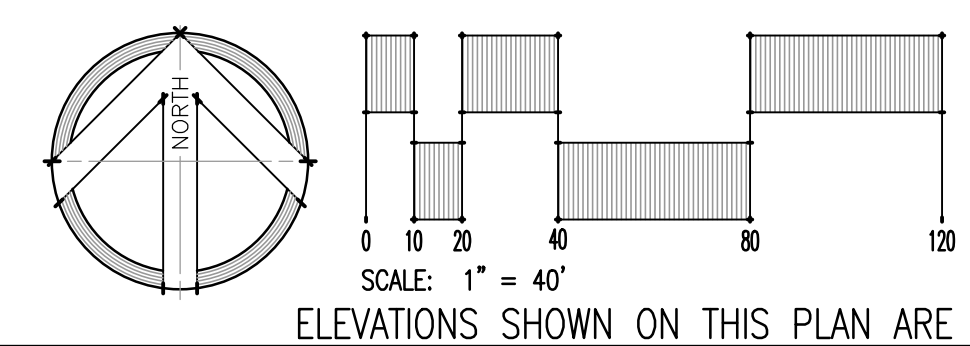
THE WORK IN THIS AREA SHALL BE DONE USING THE METHOD OF "SAME DAY STABILIZATION". NO MORE AREA SHALL BE DISTURBED THAN CAN BE STABILIZED BY THE END OF THE WORKDAY. ALL DISTURBED AREAS THAT DO NOT DRAIN TO A SEDIMENT CONTROL DEVICE SHALL BE STABILIZED AT THE END OF THE WORKDAY. NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS THE RUNOFF IS DIRECTED TO AN MDE APPROVED SEDIMENT CONTROL DEVICE.

STABILIZATION SHALL BE AS FOLLOWS:

- FOR AREAS TO BE PAVED: APPLICATION OF STONE SUBBASE.
- FOR AREAS TO BE VEGETATIVELY STABILIZED: PERMANENT SEED AND EROSION CONTROL MATTING FOR ALL SWALES/CHANNELS AND PERMANENT SEED AND MULCH FOR ALL OTHER AREAS.

CIVIL NOTES

- (C-1) ONCE WORK HAS BEEN COMPLETED IN THIS AREA AND THE AREA HAS BEEN STABILIZED, WITH PERMISSION FROM THE MDE SEDIMENT CONTROL INSPECTOR, REMOVE EROSION SEDIMENT CONTROLS IN FIELDHOUSE DRIVE AND SUPER SILT FENCE NORTH OF FIELDHOUSE DRIVE. SUPER SILT FENCE SOUTH OF PROPOSED FIELDHOUSE DRIVE TO REMAIN. SEE SEQUENCE OF CONSTRUCTION ON SHEET ESC202, EROSION & SEDIMENT CONTROL NOTES, FOR INITIAL INSTALLATION OF THE PROPOSED EROSION & SEDIMENT CONTROLS.
- (C-2) SEE SHEET ESC100, TUNNEL EROSION & SEDIMENT CONTROL PLAN, FOR THE TUNNEL BORING SEDIMENT CONTROLS AND SEQUENCE OF CONSTRUCTION.



CANNONDESIGN

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F: 410.234.1160

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PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR
APPROVED BY ME AND THAT I AM A STATE LICENSED PROFESSIONAL
ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE
NO. 35436, EXPIRES 06/30/2021

REV.	DESCRIPTION	DATE

BUILDING NAME
THE NEW COLE FIELD HOUSE

BUILDING NUMBER
162

PROJECT NAME
THE NEW COLE FIELD HOUSE - PERFORMANCE AND INNOVATION CENTER

REV.	DESCRIPTION	DATE

DRAWN BY: EAM/IA_MAMH

CHK'D BY: DJS/REMULH

UM PROJECT No: 15-663-838-00

Site Resources Project No: 14126

ISSUE DATE: 30 March 2017

SUBMISSION PHASE

GMP - 4 & 5 BULK EXCAVATION PACKAGE

DRAWING TITLE
BULK EXCAVATION EROSION & SEDIMENT CONTROL PLAN

DRAWING NUMBER
ESC101

MDE No. 16-SF-0061

Illicit Discharge Incident Tracking Sheet

Incident ID: 2018-04				
Responder Information				
Call taken by:			Call date:	
Call time: 15:00			Precipitation (inches) in past 24-48 hrs:	
Reporter Information				
Incident time:			Incident date: 3/30/2018	
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, elevated 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 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 with a pH above the NPDES permit limit 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 Student Activities Building				

Investigation Notes

Initial investigation date: 3/30/2018	Investigators: A. Galbreath
<input type="checkbox"/> No investigation made	Reason:
<input checked="" type="checkbox"/> Referred to different department/agency:	Department/Agency: UMD Facilities Management; Gilbane (contractor)
<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 site from contaminating stormwater runoff
Hours between call and investigation:	Hours to close incident:
Date case closed:	
<p>Notes:</p> <p>During the montly NPDES sampling on 3/30/2018, Environmental Affairs (EA) observed highly turbid, sediment laden water being discharged from Outfall 003, Outfall 004, and Outfall 005. Additionally, the discharge from Outfall 003 and Outfall 004 had a pH of 9.46 and 9.43, respectively, which is above the the NPDES permit limit of 8.5.</p> <p>An investigation determined that the Cole Student Activities Building construction site was the source of the sediment and high pH. The construction site showed a large amount of uncovered, disturbed soil, sediment drag-out and runoff on the surrounding pavement. There was also freshly poured concrete onsite, which would cause stormwater runoff to have an elevated pH if proper stormwater controls are not in place.</p> <p>It is important to note that this non-complying discharge is not associated with the discharge permitted under NPDES permit MD0063801, but rather due to a contractor operating on the University campus. This construction site is the responsibility of the contractor, Gilbane, who holds the sediment and erosion control permit as well as the construction stormwater permit for the project. The University has since notified the contractor to implement BMPs to prevent their runoff from further impacting the University's discharge.</p> <p>In order to monitor the performance of the contractor's BMPs, the University will begin weekly monitoring of Outfall 003 and Outfall 004. Neither of these outfalls have shown elevated pH in recent history before this incident.</p>	

UMD Illicit Discharge Photo Log
3/30/2018 – Cole Student Activities Building Construction



Top left: sediment laden water discharging from Outfall 003 to Paint Branch Creek.

Top right: sediment laden water discharging from Outfall 004.

Bottom: sediment laden water discharging from Outfall 005



UMD Illicit Discharge Photo Log
3/30/2018 – Cole Student Activities Building Construction



Top left: looking east on Fieldhouse Drive, recently poured concrete on the construction site.

Top right: facing west from the Union Lane Parking Garage, sediment runoff from the construction site to the storm drain.

Bottom: looking west on Fieldhouse Drive, recently poured concrete on the construction site.

UMD Illicit Discharge Photo Log
3/30/2018 – Cole Student Activities Building Construction



Top: looking east on Fieldhouse Drive, sediment drag-out/runoff from construction site impacting storm drain. Poorly maintained inlet protection.

Bottom: facing north on Fieldhouse Drive towards the football stadium, sediment drag-out/runoff impacting storm drain.



UMD Illicit Discharge Photo Log
3/30/2018 – Cole Student Activities Building Construction



Top: looking south on Fieldhouse Drive, large amounts of disturbed, uncovered sediment.

Bottom: facing west from the Union Lane Parking Garage, significant disturbed, uncovered sediment.



UMD Illicit Discharge Photo Log
3/30/2018 – Cole Student Activities Building Construction



Top: Looking east from Lot Z, major sediment drag-out from the construction site.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2018-05				
Responder Information				
Call taken by:			Call date:	
Call time:			Precipitation (inches) in past 24-48 hrs:	
Reporter Information				
Incident time: 22:00			Incident date: 4/2/2018	
Caller contact information (<i>optional</i>):				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38°59'08.3"N, 76°56'31.5"W				
Stream address or outfall #:				
Closest street address: Woods Hall, 4302 Chapel Lane, College Park, MD 20742				
Nearby landmark: McKeldin Mall				
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: On McKeldin Mall just north of Woods Hall				
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 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 type="checkbox"/> None:	<input checked="" 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:				
A separate sanitary sewer pipe became blocked and overflowed onto the grass at McKeldin Mall				
Suspected Violator (name, personal or vehicle description, license plate #, etc.):				
Sanitary sewer line blocked by tree roots				

Investigation Notes

Initial investigation date: 4/3/2018

Investigators: J. Baer

No investigation made

Reason:

Referred to different department/agency:

Department/Agency: UMD Facilities Management & Contractors

Investigated: No action necessary

Investigated: Requires action

Description of actions:

Repair sewer line; disinfect contaminated area

Hours between call and investigation:

Hours to close incident:

Date case closed:

Notes:

Around 10:00pm on 4/2/2018 UMD observed sewage overflowing from a manhole on McKeldin Mall, just north of Woods Hall. It is estimated that approximately 26,250 gallons of sewage were discharged from the blocked sewer line to the lawn, and a portion of that sewage flowed to the storm drain, and ultimately to Outfall 005, which discharges on the east side of campus to an unnamed tributary of Paint Branch Creek.

Beginning around 3:30pm on 10/3/2018, a contractor's portable pump was used to bypass the sewage from an upgradient manhole around the blocked sanitary sewer line to a downgradient sanitary sewer manhole; the sewer line was repaired; silt fence was installed around the nearest storm drain to prevent biosolids from entering the storm drain system; the affected area was blocked off to pedestrian traffic; lime was used to disinfect the contaminated ground surface and the soil that contacted biosolids was removed for disposal. Photos of the cleanup are included in the attached photo log.

University of Maryland Photo Log
4/2/2018 – Sewage Spill



Top left: looking south towards Woods Hall at the overflow site. In addition to a campus wide notification via the “UMD Alerts” system, the contaminated area was blocked off with caution tape.

Top right: facing east on McKeldin Mall, silt fence installed to prevent biosolids from entering the storm drain system.

Bottom: looking east towards McKeldin Library, a fence was installed around the area that contacted sewage in order to prevent pedestrians from contacting the contaminated ground. This fencing will be left in place for ten (10) days. All ground surfaces that contacted sewage were treated with lime.



University of Maryland Photo Log
4/2/2018 – Sewage Spill



Top: looking northwest from Woods Hall, the ground cover that contacted biosolids was treated with lime to a pH of 12 and removed for disposal. The source of the sewage overflow was excavated to make the necessary repairs.

Left: facing north towards McKeldin Library, a pump was used to bypass sewage from an upgradient manhole around the blocked sanitary sewer line to a downgradient sanitary sewer line. A back up pump was also on site.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2018-06				
Responder Information				
Call taken by:			Call date:	
Call time:			Precipitation (inches) in past 24-48 hrs:	
Reporter Information				
Incident time: 14:00			Incident date: 4/17/2018	
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, elevated 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 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 with a pH above the NPDES permit limit 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 Student Activities Building				

Investigation Notes

Initial investigation date: 4/17/2018	Investigators: A. Galbreath
<input type="checkbox"/> No investigation made	Reason:
<input checked="" type="checkbox"/> Referred to different department/agency:	Department/Agency: UMD Facilities Management; Gilbane (contractor)
<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 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 being discharged from Outfall 003 and Outfall 004. Additionally, the discharge from Outfall 003 had a pH of 8.58, which is above the the NPDES permit limit of 8.50.

An investigation determined that the Cole Student Activities Building construction site was the source of the sediment and high pH. The construction site showed a large amount of uncovered, disturbed soil, sediment drag-out and runoff on the surrounding pavement. There was also freshly poured concrete onsite, which would cause stormwater runoff to have an elevated pH if proper stormwater controls are not in place.

It is important to note that this non-complying discharge is not associated with the discharge permitted under NPDES permit MD0063801, but rather due to a contractor operating on the University campus. This construction site is the responsibility of the contractor, Gilbane, who holds the sediment and erosion control permit as well as the construction stormwater permit for the project. The University has since notified the contractor to implement BMPs to prevent their runoff from further impacting the University's discharge.

In order to monitor the performance of the contractor's BMPs, the University will continue weekly monitoring of Outfall 003 and Outfall 004. Neither of these outfalls have shown elevated pH in recent history before the illicit discharge from Cole on 3/30/2018.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2018-07				
Responder Information				
Call taken by: Jason Baer			Call date: November 30, 2018	
Call time: 13:11			Precipitation (inches) in past 24-48 hrs: 0	
Reporter Information				
Incident time: 12:00			Incident date: November 30, 2018	
Caller contact information (<i>optional</i>):				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38.985, -76.945				
Stream address or outfall #: Inlet feeding to stormwater system Outfall #005				
Closest street address: McKeldin Mall, 4302 Chapel Lane, College Park, MD 20742				
Nearby landmark: Chincoteague Hall, McKeldin Library				
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: The overflow came from a sanitary sewer system manhole located in front of Chincoteague hall. a portion of the overflow (approximately 250 gallons) entered the stormwater system via an inlet between McKeldin Library and Chincoteague Hall. This inlet is connected to Outfall 005 and discharges to an unnamed tributary of the Paint Branch.				
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 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:				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): University of Maryland, College Park				

Investigation Notes

Initial investigation date: **November 30, 2018**

Investigators: **Jason Baer, Kaitlyn Peterson, Samantha Brodsky**

No investigation made

Reason:

Referred to different department/agency:

Department/Agency:

Investigated: No action necessary

Investigated: Requires action

Description of actions:

Straw bales and sandbags were installed around the nearest storm drain to prevent flow from continuing to enter the storm drain system. The small amount of biosolids in the immediate vicinity of the manhole were removed for disposal. Powdered lime was applied to disinfect any surfaces contacted by the sewage overflow.

Hours between call and investigation:
30 minutes

Hours to close incident:
4.5 hours

Date case closed: **November 30, 2018**

Notes:

Illicit Discharge Incident Tracking Sheet

Incident ID: 2018-08				
Responder Information				
Call taken by: N/A-Observed during NPDES Sampling			Call date: 12/11/2018	
Call time: 9:40 AM			Precipitation (inches) in past 24-48 hrs: 0	
Reporter Information				
Incident time:			Incident date:	
Caller contact information (<i>optional</i>):				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38°59'25.8"N 76°56'05.4"W				
Stream address or outfall #: OF #003				
Closest street address: 8169 Paint Branch Dr, College Park, MD 20740				
Nearby landmark: Computer Science Instructional 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 checked="" 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: Cole Student Activities Building discharge to Outfall #003 into Paint Branch.				
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 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 checked="" 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: Coming from construction at Cole Field House. Water color was orange and there was excessive cloudiness to it as well.				
Suspected Violator (name, personal or vehicle description, license plate #, etc.): Gilbane Construction from the Cole Field House project				

Investigation Notes

Initial investigation date:	Investigators: K. Peterson/S. Brodsky
<input type="checkbox"/> No investigation made	Reason:
<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: Cease pumping of dewatering discharge into stormwater inlets and implement proper corrective actions
Hours between call and investigation:	Hours to close incident: N/A-still an ongoing effort to implement proper BMPs
Date case closed:	

Notes:

During monthly NPDES sampling, Environmental Affairs (EA) observed highly turbid, sediment laden water was being discharged from Outfall 003. EA notified UMD Facilities Management via email at 12:29 pm on 12/11/18 about the illicit discharges being made from Outfall #003. Pictures of the discharge was included. An investigation found that the source of the discharge was the Cole Field House construction site. EA notified UMD Facilities Management, who then notified the contractor, Gilbane Building Co., to perform corrective action.

Illicit Discharge Incident Tracking Sheet

Incident ID: 2018-09				
Responder Information				
Call taken by: Jason Baer			Call date: 12/17/2018	
Call time:			Precipitation (inches) in past 24-48 hrs: 1.56	
Reporter Information				
Incident time: 12:34 PM			Incident date: 12/17/2018	
Caller contact information (<i>optional</i>):				
Incident Location (<i>complete one or more below</i>)				
Latitude and longitude: 38°59'15.1"N 76°56'43.3"W				
Stream address or outfall #: Stormwater Inlet to Outfall 003				
Closest street address: Intersection of Campus Drive and Union Lane				
Nearby landmark: Adele H. Stamp Student Union				
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: Observed sediment-laden water being discharged from a trench excavation at the corner of Campus Drive and Union Lane. The contractor appeared to be Stella May. The contractor was utilizing a filter bag in an attempt to treat water being discharged from their dewatering pump. However, there was a fairly significant amount of sediment in the water being discharged from the filter bag. The volume of water being discharged was estimated to be about 15 gpm. The water entered an inlet on Fieldhouse Drive and discharged to 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: Sediment in dewatering discharge		
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:				
Suspected Violator (name, personal or vehicle description, license plate #, etc.):				

Investigation Notes

Initial investigation date: 12/17/2018	Investigators: Jason Baer
<input type="checkbox"/> No investigation made	Reason:
<input checked="" type="checkbox"/> Referred to different department/agency:	Department/Agency: UMD Department of Planning & Construction & Purple Line Construction
<input type="checkbox"/> Investigated: No action necessary	
<input checked="" type="checkbox"/> Investigated: Requires action	Description of actions: Implement additional measures to reduce the amount of sediment being discharged from construction site.
Hours between call and investigation:	Hours to close incident: 69 hours

Date case closed: 12/20/2018

Notes:
Jason Baer email Christopher Y. Ho, P.E. within the Department of Planning & Construction at UMD on 12/17/2018 at 5:42 PM regarding this matter. Christopher Ho replied on 12/18/2018 at 6:32 AM stating the Purple Line project manager notified him (Chris Ho) that the MDE inspector actually noticed this situation and brought it to their attention. They will further address and let him know what actions will be taken.

Update 12/20/2018
An email sent from Christopher Ho on 12/19/2018 at 11:51 AM stated that the University's MDE representative, Mr. John, and PLTC's environmental supervisor, Mr. Ortiz have agreed on a plan to follow during the duration of the dewatering operations. The plan is as follows from the aforementioned email:

"The exiting electric manhole (same location) that will be pumped down will follow the MDE spec: dewatering into a dirt bag. The dirt bag will be positioned on a non-erodible surface (bed of straw on sidewalk inside the work zone). At any point that Stella May and or PL observe any turbid water coming out of the existing electric MH/ and or the dirt bag; the operation will be stopped and the subcontractor will move forward with your suggestion of a portable tank. Also, the water will be >10K gallons."

Fwd: FW: UMD dewatering concern

1 message

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

Thu, Dec 20, 2018 at 10:14 AM

fyi

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: **Christopher Y. Ho** <hocyho@umd.edu>
Date: Thu, Dec 20, 2018 at 9:38 AM
Subject: Fwd: FW: UMD dewatering concern
To: Jason Baer <jbaer123@umd.edu>

Jason,

FYI.

Happy Holidays!

Christopher Y. Ho, P.E.
Civil Engineer
Department of Planning & Construction
University of Maryland
[301-405-9969](tel:301-405-9969)

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

From: **John Koussis** <John.Koussis@pltcllc.com>
Date: Wed, Dec 19, 2018 at 11:51 AM
Subject: FW: UMD dewatering concern
To: Courtney Brown (CHBrown@umd.edu) <CHBrown@umd.edu>, Christopher Ho (hocyho@umd.edu) <hocyho@umd.edu>

Courtney and Christopher,

Please see below discussion between the University's MDE representative, Mr. John, and PLTC's environmental supervisor, Mr. Ortiz.

We have an agreeable plan in place to follow during future dewatering operations.

Thank You,

John Koussis
301-399-1763

From: Oladapo John -MDE- [<mailto:oladapo.john@maryland.gov>]
Sent: Wednesday, December 19, 2018 11:22 AM
To: Jaime Ortiz <Jaime.Ortiz@pltcllc.com>
Cc: Christopher Lund <Christopher.Lund@pltcllc.com>; John Koussis <John.Koussis@pltcllc.com>; Mark Muller <Mark.Muller@pltcllc.com>; Tim Pinkerton <Tim.Pinkerton@pltcllc.com>
Subject: Re: UMD dewatering concern

No Qualms. Let's hope it works.
Thanks

John O

On Wed, Dec 19, 2018 at 7:37 AM Jaime Ortiz <Jaime.Ortiz@pltcllc.com<mailto:Jaime.Ortiz@pltcllc.com>> wrote:
Thank you for the call-back Mr. John

Construction wants to clear up the "plan of operation" moving forward and invite you to witness the operation if you would like. The exiting electric manhole (same location) that will be pumped down will follow the MDE spec: dewatering into a dirt bag. The dirt bag will be positioned on a non-erodible surface (bed of straw on sidewalk inside the work zone). At any point that Stella May and or PL observe any turbid water coming out of the existing electric MH/ and or the dirt bag; the operation will be stopped and the subcontractor will move forward with your suggestion of a portable tank.

Also, the water will be >10K gallons.

If you have any worries please feel free to reach out to me.

I have Cc. the PMs and the FE's in case you need additional information from them as well.

Regards,

[image004]Jaime Ortiz | Purple Line Transit Constructors |
Project Environmental Supervisor |
Jaime.Ortiz@pltcllc.com<mailto:Jaime.Ortiz@pltcllc.com> |
Mobile 301-848-3315 | 6811 Kenilworth Avenue, Suite 200, Riverdale, MD 20737 <<https://maps.google.com/?q=6811+Kenilworth+Avenue,+Suite+200,+Riverdale,+MD+20737&entry=gmail&source=g>>
www.purplelinetransitpartners.com<<http://www.purplelinetransitpartners.com>>

From: Oladapo John -MDE- [<mailto:oladapo.john@maryland.gov><mailto:oladapo.john@maryland.gov>]
Sent: Tuesday, December 18, 2018 10:57 AM
To: Jaime Ortiz <Jaime.Ortiz@pltcllc.com<mailto:Jaime.Ortiz@pltcllc.com>>
Subject: Re: UMD dewatering concern

Morning Mr. Jaime

Thanks for reaching out. The ground water pumped into filter bag was partially muddy and I guess the deeper they go, gets muddier. My recommendation is to connect the hose to portable sediment tank (PST), then to the filter bag prior to discharge via the stormdrain. This process might mitigate the discoloration. I can be reached at 4432506883 while I'm out in the field.

Thanks
John O

On Tue, Dec 18, 2018 at 7:45 AM Jaime Ortiz <Jaime.Ortiz@pltcllc.com<mailto:Jaime.Ortiz@pltcllc.com>> wrote:
Good Moring Mr. John
I was hoping to communicate with you about what you observed at UMD with one of our utility subcontractor (Stella May)

Please give me a call at your earliest convenience.

-What I have gathered from the FE's and the Area managers is that you observed Stella May dewatering into a dirt bag and the water coming out of the bag was eroding the existing ground causing the turbid water to enter an inlet on Fieldhouse Drive and discharged to Outfall #003.

Once I saw what the issues was, I reached out to my direct supervisor and the PLs MDE inspector for the proper corrective action. The water coming out of the utility vault was clean so the dirt bag was moved to a non-erodible surface (sidewalk) and the dewatering operation commenced. The turbid water that was caused by the initial 30-45 min of dewatering did not come from the bag itself but the existing ground that was already a point of impact for concentrated flows of storm water.

I admit that the crew did not choose the most ideal place to dewater and they have been re-educated on the proper way to dewater moving forward. PL will go above and beyond to re-stabilize the area impacted from yesterday's mistake and the street will be thoroughly swept to avoid any other issues within the work zone. (Pictures to follow)

PL wants to continue its great relationship with UMD and MDE throughout the duration of the Project.

Hope to hear from you soon.

*I have also copied my direct supervisor Christopher Lund (Project Environmental Coordinator) as a point of contact for you as well.

Regards,

[image004]Jaime Ortiz | Purple Line Transit Constructors |
Project Environmental Supervisor |
Jaime.Ortiz@pltcllc.com<mailto:Jaime.Ortiz@pltcllc.com> |
Mobile 301-848-3315 | 6811 Kenilworth Avenue, Suite 200, Riverdale, MD 20737 <<https://maps.google.com/?q=6811+Kenilworth+Avenue,+Suite+200,+Riverdale,+MD+20737&entry=gmail&source=g>>
www.purplelinetransitpartners.com<<http://www.purplelinetransitpartners.com>>

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2 attachments



image001.png
27K



noname
59K