

Necessary Disturbance Action Date Between **4/1/2019** and **4/30/2019**

File Number: **WP-19-065**
 Submit Date: **3/20/2019**

File Name: **DEEP RUN SEWER INTERCEPTOR S-6284**
 Developer:

Description	Action	Action Date
Deep Run Sewer Interceptor Improvements Capital Project No. S-6284 impacting 75' stream buffers, 25' wetlands buffers and 100 -year floodplain	Approve	4/17/2019
<p><u>Mitigation Requirement:</u> The purpose is to replace and upgrade the existing public sewer line, stabilization of the stream crossings and stream banks to reduce erosion and sedimentation in the Deep Run watershed and to protect the sewer infrastructure with use of Best Management Practices. The applicant shall obtain all required MDE and USACOE permits for activities in regulated wetlands and stream areas prior to grading permit applications.</p>		

File Number: **F-18-041**
 Submit Date: **2/25/2019**

File Name: **CEDAR CREEK - PHASE 1**
 Developer: **SIMPSON OAKS CRP3, LLC**

Use Type	Description	Units
Residential	SFD	46
Residential	SFA	83
Residential	PARCEL	8
Residential	OS	12

Description	Action	Action Date
For 13 disturbances to 50' and 100' stream buffers, 25' wetlands buffers and 100-year floodplain for SWM outfall drainage pipes and rip-rap channels, grading, community pathway and footbridge	Approve	4/1/2019

Mitigation Requirement: The proposed SWM outfall design is required by the Howard County Soil Conservation District to minimize disturbances to the stream and wetlands buffers and 100-year floodplain to provide stable non-erosive outfalls for SWM facilities to the inverts of streams at the bottom of steep slopes. The proposed pathway and foot bridge will serve as a pedestrian pathway for the community as required as a community enhancement under the Zoning Board Case No. 1104M Decision and Order. Approval is subject to the re-stabilization and planting of natural vegetation for the impacted stream and wetlands buffer areas, and the applicant shall obtain all required MDE and USACE permits for wetlands and stream buffer impacts prior to grading permits. The applicant is required to use best management practices and the least impact design for all disturbances.

Necessary Disturbance Action Date Between **4/1/2019** and **4/30/2019**

File Number: **SDP-19-027**
 Submit Date: **3/27/2019**

File Name: **RIVER WATCH II**
 Developer: **J. KIRBY DEVELOPMENT, LLC**

Use Type	Description	Units
Residential	SFA	47
Residential	SFA-MIHU	9
Office/Service	Office	1
Residential	APT	2

Description	Action	Action Date
Area#1-To allow a storm drain outfall pipe & rip-rap channel within a 25' wetlands buffer and floodplain and Area #2- removal of 4,000 SF of asphalt and concrete from within a 75' stream buffer & 25' wetlands buffer.	Approve	4/1/2019

Mitigation Requirement: The proposed design minimizes disturbances to the stream and wetlands buffers to the greatest extent possible. The proposed SWM outfall design is required by the Howard Soil ,Conservation District to minimize erosion along the riverbank to discharge at the bottom of the existing slope which provides a flatter and non-erosive discharge condition. The proposal will reduce approximately 4,000 SF of impervious pavement, concrete and curbing area from within the wetlands and stream buffers. The applicant shall provide planting of vegetation (native trees, shrubs, grasses and groundcover) within the stream and wetlands buffers. The applicant shall mechanically stabilize the outfall pipe and flared end section with strap pipe joints or provide a concrete collar on all pipe joints between MH1 and ES1 due to river velocities. The applicant shall obtain all required MDE and USACE permits for disturbances within the wetlands and stream buffers.

Necessary Disturbance Action Date Between **4/1/2019** and **4/30/2019**

File Number: **SDP-19-038**
 Submit Date: **3/21/2019**

File Name: **DORSEY CENTER PARCEL R - STREAM DIVERSION**
 Developer: **BINDER ROCK LLC**

Use Type	Description	Units
Residential	PARCEL	1

Description	Action	Action Date
Off-site Deep Run stream bank buffer disturbances to provide required stream restoration mitigation as part of the Dorsey Center, Parcel R development project	Approve	4/15/2019

Mitigation Requirement: The disturbances are necessary for providing off-site downstream restoration mitigation required per WP-15-131. The proposed stream restoration project will employ best management practices for work conducted in the stream buffer and floodplain. There are no other reasonable alternatives for providing required stream restoration mitigation to return the stream banks to a more stabilized condition. Stream bank restoration will address bank erosion by grading benches and toe wood bank protection which installs logs and root wads for armoring and planted trees and shrubs to provide shade, habitat and vegetative stabilization of the stream banks

Necessary Disturbance Action Date Between **8/1/2019** and **8/31/2019**

File Number: **F-19-014**
 Submit Date: **5/30/2019**

File Name: **KINGS FOREST**
 Developer: **TOLL BROS., INC.**

Use Type	Description	Units
Residential	SFD	37
Residential	PARCEL	8

Description	Action	Action Date
Stream bank restoration plan required by MDE for wetlands and stream impacts. The on-site stream restoration plan is to address a degraded portion of an existing perennial stream previously used for vehicles and horses for a crossing. The plan will impact a stream, 100' stream buffer, 100-year floodplain and 25% steep slopes.	Approve	8/20/2019

Mitigation Requirement: The disturbances are necessary for providing on-site stream restoration mitigation required pursuant to alternative compliance petition, WP-14-119 and MDE requirements. The proposed stream restoration project will employ best management practices for work conducted in the stream, buffer, 100-year floodplain and 25% steep slope areas. There are no other reasonable alternatives for providing required stream restoration mitigation to comply with MDE requirements for returning the degraded stream channel to a more stabilized and natural condition. The stream bank restoration will address an existing bank erosion, flow impediments and siltation problems by restoring the stream channel and re-planting the banks with shade trees to provide shade, habitat and vegetative stabilization of the stream.

Necessary Disturbance Action Date Between **8/1/2019** and **8/31/2019**

File Number: **F-19-018**
 Submit Date: **6/24/2019**

File Name: **PENKUSKY PROPERTY**
 Developer: **PENKUSKY**

Use Type	Description	Units
Residential	SFD	6
Residential	OS	5

Description	Action	Action Date
Public sewer line connection and road grading within a 50' streambank buffer & 25% steep slopes to connect to an existing sewer main in Beechwood Road and to provide required sight distance at the use-in-common driveway entrance at Beechwood Road.	Approve	8/13/2019

Mitigation Requirement: The applicant shall utilize best management practices to ecologically restore disturbed areas surrounding the sewer easement & driveway entrance. The applicant shall plant large native trees as proposed along the stream buffer edge to create a riparian buffer and within the adjacent forest conservation easement area adjacent to the roadway disturbance. The disturbances are necessary for providing essential public sewer utility service and safe vehicular access onto Beechwood Road to serve the subdivision lots. The proposed sewer line location is where County agencies prefer it for ease of future maintenance and not blocking the shared driveway. There are no other reasonable alternatives for connection to public sewer service and required sight distance for safe access from the property. The stream buffer and steep slope areas disturbed shall be stabilized and re-vegetated upon completion of construction work back to their original preconstruction condition. During construction activity, the proposed work areas shall be adequately protected by a silt fence to control storm water run-off from the site.

File Number: **F-84-207**
 Submit Date: **7/26/2019**

File Name: **BRAEBROOKE, SEC. 2, AREA 1**
 Developer: **HOWARD CO DEPT OF PUBLIC WORKS**

Description	Action	Action Date
<p>A capital project, CP No. D-1160 for a SWM pond reconstruction improvements to remove a damaged principal spillway pipe and riser for an existing SWM pond and replace it with a flood attenuation facility in the Tiber/Hudson Branch Watershed. The proposed project will impact wetlands, stream and buffers and 25% steep slopes.</p>	<p>Approve</p>	<p>8/1/2019</p>
<p><u>Mitigation Requirement:</u> The disturbances are necessary for providing essential storm water management pond improvements to an existing dry SWM pond facility to remove a damaged principal spillway pipe and riser structure and to create a new pilot channel and concrete weir within the pond as a new embankment control structure to replace a severely eroded embankment. The proposed SWM pond improvements will employ best management practices for work conducted within the stream, wetlands and buffers and steep slope areas. There are no other reasonable alternatives for providing required SWM pond reconstruction improvements to enhance water quality volume in the pond basin and to increase storage capacity for flood attenuation for a SWM pond facility located within the Tiber/Hudson Branch Watershed and for downtown Ellicott City. The limit of disturbances will be re-vegetated and stabilized around the reconstructed SWM facility and spillway. The applicant shall obtain any required approvals from MDE and the USACOE for activities in regulated stream and wetlands prior to submission of any grading permit applications.</p>		

File Number: **F-91-099**
 Submit Date: **8/7/2019**

File Name: **NOTTINGHAM VILLAGE**
 Developer: **HOWARD CO DEPT OF PUBLIC WORKS**

Description	Action	Action Date
<p>A capital project, D-1177 to repair a deteriorated CMP riser pipe and principal spillway pipes with a new concrete riser and 3 RCP spillway pipes. The project is located on Huntshire Drive in Nottingham Village. The proposed SWM pond retrofit project will impact wetlands, 25' wetlands buffer, stream buffer, steep slopes and 100-year flood plain.</p>	<p>Approve</p>	<p>8/12/2019</p>
<p><u>Mitigation Requirement:</u> The disturbed area will be re-vegetated and stabilized around the reconstructed SWM pond and new spillway. The primary purpose of the reconstruction is to ensure compliance with current design standards, enhance water quality and increase storm water run-off capacity and to address the deterioration of the existing spillway pipe and riser structure. There are no other reasonable alternatives for providing required storm water management improvements for the community. The proposed SWM pond replacement improvements will employ best management practices for work conducted in the stream, wetlands, buffers, steep slopes and 100-year flood plain.</p>		

File Number: **F-17-001**

Submit Date: **9/27/2018**

Use Type	Description	Units
Residential	SFD	93
Residential	OS	28
Residential	PARCEL	2

Description	Action	Action Date
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For approval for stream mitigation work in the area of the arch span as required under the Army Corps of Engineers permit.	Approve	12/6/2019
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Mitigation Requirement: The proposal is for habitat restoration as well as addressing bank erosion by grading bankfull benches, installing toewood bank protection and in stream devices such as log structures and woody debris. In addition, grading will occur to create a stream channel that is curved. This will allow for diversity in the ecosystem being created, while reducing channel velocities. The design has been prepared to minimize the limit of disturbance while providing for the most beneficial mitigation to the existing stream. There are no other reasonable alternatives for providing stream channel and bank restoration improvements to reduce stream bank erosion, reduce and remove sediment, nitrogen and phosphorus and other pollutants.

Necessary Disturbance Action Date Between **12/1/2019** and **12/31/2019**

File Name: **WESTMOUNT PH 3**

Developer: **WESTMOUNT DEVELOPMENT CORPORATION**

Location Description: **SOUTH SIDE OF MD ROUTE 144, EAST OF FOLLY QUARTER RD**

File Number: **F-88-141**
 Submit Date: **1/1/1960**

File Name: **AUTUMN MANOR**
 Developer:

Description	Action	Action Date
Autumn Manor SWM Pond Retrofit Project, Capital Project No. D-1159	Approve	7/1/2019

Mitigation Requirement: A capital project to reconstruct the SWM pond, repair inflow pipes and replace the riser structure temporarily impacting a 50' intermittent stream buffer, wetlands and 25' wetlands buffer and 25% steep slopes. The disturbances are essential for providing SWM pond improvements to an existing facility located in the Patapsco River Lower North Branch watershed to enhance water quality volume in the pond basin and to increase storage capacity. The disturbed areas will be replanted with native trees to stabilize and re-establish a ripparin stream corridor around the pond and outfall channel, and to reconstruct the dam, improve the spillway and to add a plunge pool to the pond outfall to stabilize the run-off velocity. The project is subject to approvals from MDE and the USACE permits.

File Number: **F-92-062**
 Submit Date: **1/1/1960**

File Name: **WOODBROOK**
 Developer:

Description	Action	Action Date
A DPW Capital Project D-1178 to convert an existing dry SWM pond to improve water quality treatment of storm water run-off and to replace a deteriorated metal pipe spillway with a new concrete pipe spillway.	Approve	7/26/2019

Mitigation Requirement: The disturbed area will be re-vegetated and stabilized around the reconstructed SWM pond and new spillway. The disturbances are necessary for providing essential storm water management pond improvements to an existing facility located in the Woodbrook subdivision. The proposed storm water pond replacement improvements will employ best management practices for work conducted in the stream and wetlands buffers and steep slope areas. There are no other reasonable alternatives for providing required SWM pond reconstruction improvements to enhance water quality volume in the pond basin, to increase storage capacity and to replace a deteriorated spillway. The applicant shall obtain any required MDE and USACE permits for activities in regulated stream and wetland areas prior to obtaining grading permit applications to begin work.

File Number: **F-94-054**
 Submit Date: **1/1/1960**

File Name: **CALVERT RIDGE**
 Developer: **BRANTLY DEVELOPMENT CORPORATION**

Description	Action	Action Date
Capital Project #D-1177 to repair an existing SWM pond facility in the Calvert Ridge subdivision. Repair will include replacement of the riser structure and spillway pipe, modification of the dam structure to add impervious clay core and filter diaphragm and improved rip-rap outfall channel.	Approve	7/10/2019

Mitigation Requirement: The disturbed areas will be re-vegetated and stabilized around the reconstructed SWM pond and outfall channel. The primary purpose of the retrofit is to ensure pond compliance with current design standards, enhance water quality volume in the pond and increase storage capacity. The applicant shall obtain any required permits and authorizations from MDE and USACOE for activities in regulated stream, wetlands and buffer areas prior to submission of any grading permit applications. There are no other reasonable alternatives for providing required SWM pond repair and re-construction improvements to the existing facility. The disturbances are necessary for providing essential SWM pond repair improvements to an existing facility located in the Deep Run watershed. The SWM pond improvements will employ best management practices for work conducted in the stream buffer, wetlands and 25' buffer.

File Number: **F-88-141**
 Submit Date: **1/1/1960**

File Name: **AUTUMN MANOR**
 Developer:

Description	Action	Action Date
Autumn Manor SWM Pond Retrofit Project, Capital Project No. D-1159	Approve	7/1/2019

Mitigation Requirement: A capital project to reconstruct the SWM pond, repair inflow pipes and replace the riser structure temporarily impacting a 50' intermittent stream buffer, wetlands and 25' wetlands buffer and 25% steep slopes. The disturbances are essential for providing SWM pond improvements to an existing facility located in the Patapsco River Lower North Branch watershed to enhance water quality volume in the pond basin and to increase storage capacity. The disturbed areas will be replanted with native trees to stabilize and re-establish a ripparin stream corridor around the pond and outfall channel, and to reconstruct the dam, improve the spillway and to add a plunge pool to the pond outfall to stabilize the run-off velocity. The project is subject to approvals from MDE and the USACE permits.

File Number: **F-92-062**
 Submit Date: **1/1/1960**

File Name: **WOODBROOK**
 Developer:

Description	Action	Action Date
A DPW Capital Project D-1178 to convert an existing dry SWM pond to improve water quality treatment of storm water run-off and to replace a deteriorated metal pipe spillway with a new concrete pipe spillway.	Approve	7/26/2019

Mitigation Requirement: The disturbed area will be re-vegetated and stabilized around the reconstructed SWM pond and new spillway. The disturbances are necessary for providing essential storm water management pond improvements to an existing facility located in the Woodbrook subdivision. The proposed storm water pond replacement improvements will employ best management practices for work conducted in the stream and wetlands buffers and steep slope areas. There are no other reasonable alternatives for providing required SWM pond reconstruction improvements to enhance water quality volume in the pond basin, to increase storage capacity and to replace a deteriorated spillway. The applicant shall obtain any required MDE and USACE permits for activities in regulated stream and wetland areas prior to obtaining grading permit applications to begin work.

File Number: **F-94-054**
 Submit Date: **1/1/1960**

File Name: **CALVERT RIDGE**
 Developer: **BRANTLY DEVELOPMENT CORPORATION**

Description	Action	Action Date
Capital Project #D-1177 to repair an existing SWM pond facility in the Calvert Ridge subdivision. Repair will include replacement of the riser structure and spillway pipe, modification of the dam structure to add impervious clay core and filter diaphragm and improved rip-rap outfall channel.	Approve	7/10/2019

Mitigation Requirement: The disturbed areas will be re-vegetated and stabilized around the reconstructed SWM pond and outfall channel. The primary purpose of the retrofit is to ensure pond compliance with current design standards, enhance water quality volume in the pond and increase storage capacity. The applicant shall obtain any required permits and authorizations from MDE and USACOE for activities in regulated stream, wetlands and buffer areas prior to submission of any grading permit applications. There are no other reasonable alternatives for providing required SWM pond repair and re-construction improvements to the existing facility. The disturbances are necessary for providing essential SWM pond repair improvements to an existing facility located in the Deep Run watershed. The SWM pond improvements will employ best management practices for work conducted in the stream buffer, wetlands and 25' buffer.

File Number: **F-18-087**
 Submit Date: **3/5/2019**

File Name: **HIDDEN RIDGE**
 Developer: **ABIDING SAVIOR LUTHERAN
 CHURCEH/PENTECOSTAL CHURCH OF GOD**

Use Type	Description	Units
Residential	SFA	10
Residential	SFA-MIHU	2
Residential	OS	1

Description	Action	Action Date
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Public sewer line connection within 100-year floodplain to connect to an existing manhole	Approve	6/6/2019
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Mitigation Requirement: The disturbance is necessary for providing essential public utilities to serve the proposed subdivision. The design minimizes disturbances to the 100-year floodplain to the greatest extent possible in order to connect to an existing manhole. There are no other reasonable alternatives for extension and connection of the public sewer for gravity sewer service. The applicant shall obtain all required permits for the public sewer line connection. During construction, the proposed work area within the floodplain shall be adequately protected by a double silt fence to control storm water run-off. The 100-year floodplain area disturbed shall be stabilized and re-vegetated upon completion of the sewer line installation back to its original preconstruction condition.

File Number: **F-181-E**
 Submit Date: **1/1/1960**

File Name: **GREENWAY DRIVE DRAINAGE**
 Developer:

Description	Action	Action Date
A DPW Capital Project D-1175 to stabilize an eroding stream channel and to relocate an 18" water main temporarily impacting a stream, 50' stream buffer, 100-year floodplain and 25% steep slopes off of Greenway Drive.	Approve	6/20/2019

Mitigation Requirement: The disturbances are necessary for providing essential storm drainage improvements to alleviate severe down slope erosion problems within the community. There are no other reasonable alternatives for providing required storm drainage improvements to protect and improve a safety hazard for the surrounding residential properties in the community. The project will stabilize the stream channel to stop erosion of the slope and reduce sediment and nutrient transport downstream , improving water quality and local stream habitat. The stream channel stabilization will help reduce future degradation of the surrounding forested riparian floodplain in the Plumtree Branch watershed. DPW is required to obtain all required MDE and USACE permits for activities in regulated stream areas. The stream channel stabilization shall employ best management practices for work conducted in the stream buffer, steep slopes and 100-year floodplain. The stream buffer, steep slopes and floodplain areas disturbed shall be stabilized and re-vegetated upon completion of the stream channel stabilization and water line relocation work.

File Number: **ECP-19-026**
 Submit Date: **5/16/2019**

File Name: **HIGH SCHOOL #13**
 Developer: **HOWARD COUNTY PUBLIC SCHOOL SYSTEM**

Use Type	Description	Units
Govt & Inst	Parcel (Govt & Inst)	3

Description	Action	Action Date
Construction of three SWM outfalls and tree clearing within the 25' wetlands buffer for High School #13.	Approve	5/23/2019

Mitigation Requirement: The disturbances are necessary for reasonable development of the property for a high school facility to provide large SWM facilities to treat large amounts of run-off for the 100-year storm event and still meet the school's program for numerous athletic fields, buildings and significant parking areas. The design minimizes disturbances to the wetlands buffer by using narrower pond embankment widths and discharging storm water on slopes less than 10% on the flattest area to prevent future erosion problems. The Howard Soil Conservation District requires a "no-woody zone" (tree removal) along the base of SWM ponds to keep roots away from earthen embankments. The wetland buffers disturbed will be stabilized and re-vegetated, and forest conservation easements will be recorded around the SWM facilities as permanent buffer protection. The applicant shall obtain all required permits and approvals from MDE and the USACOE for activities in regulated wetlands prior to grading permit approval. The wetland buffer areas disturbed by grading and tree removal shall be stabilized and re-vegetated upon completion of the SWM facilities.

File Number: **F-97-030**
 Submit Date: **1/1/1960**

File Name: **DANIELS MILL OVERLOOK**
 Developer: **THE RYLAND GROUP, INC.**

Description	Action	Action Date
Stonehouse Drive storm drain outfall stabilization, inlet installation and storm drain pipe extension within the 75' stream buffer per Capital Project #D-1158.	Approve	5/22/2019

Mitigation Requirement: The disturbances are necessary for providing essential storm drainage improvements to alleviate severe down slope erosion problems within the community. There are no other reasonable alternatives for providing required storm drainage improvements to protect and improve a safety hazard for the surrounding residential properties. Storm drain extension with outfall to stabilize existing erosion of the slope and to reduce sediment transport downstream improving water quality and stream habitat and to reduce a safety hazard for the community. The stream buffer will be stabilized and re-vegetated upon completion of the project. DPZ recommends the consideration of a plunge pool at the storm drain pipe outfall to shorten the proposed rip-rap channel and reduce the run-off velocity.

File Number: **F-98-155**
 Submit Date: **1/1/1960**

File Name: **SPRING RIDGE, LOTS 1 - 26**
 Developer: **CHATEAU SPRING RIDGE, INC.**

Description	Action	Action Date
Community drainage improvements impacting 75' stream buffer for new storm drain inlets and associated grading in the Sucker Branch between Deerfield Drive and Rosemar Drive.	Approve	5/2/2019

Mitigation Requirement: The disturbances are necessary for providing essential storm drainage improvements to alleviate flooding and standing water issues within the community. There are no other reasonable alternatives for providing required storm drainage improvements to protect the surrounding residential properties. The Department of Public Works proposes to fix a storm drainage and flooding issue to protect the community. DPW shall stabilize and re-vegetate the disturbed areas upon completion of the project.

Necessary Disturbance Action Date Between **10/1/2019** and **10/31/2019**

File Number: **WP-19-123**
 Submit Date: **6/14/2019**

File Name: **TRIBUTARIES TO SOUTH BRANCH PATAPSCO RIVER STREAM RESTORATION**

Developer:

Location Description:

Description	Action	Action Date
A stream restoration project located at 1485 Underwood Road to provide Md. State Highway Administration TMDL pollutant removal credits. The project encompasses 18 acres to provide water quality improvements within the South Branch Patapsco River watershed impacting wetlands, wetlands buffers, stream, stream buffers, 100-year floodplain and 25% steep slopes. This project is associated with WP-19-123.	Approve	10/29/2019

Mitigation Requirement: The disturbances are necessary to reduce and remove sediment, nitrogen, phosphorus and other pollutants, and to increase habitat availability and improve stream channel stability. The project will establish a new 0.2 acre wetland area and 4.5 acres of wet floodplain. The project will employ best management practices and minimize the limit of disturbance. The existing forested areas to be cleared are to be replaced with native trees, monitored and maintained for a 5-year period upon completion. Riparian planting along the stream banks will be provided for additional stabilization and wildlife habitat. The applicant shall obtain any required permits and authorizations from the MDE and USACOE for activities in regulated stream and wetlands areas prior to any grading permit applications. This approval is also subject to compliance with the conditions of approval for WP-19-123.

Necessary Disturbance Action Date Between **10/1/2019** and **10/31/2019**

File Number: **WP-19-124**
 Submit Date: **6/14/2019**

File Name: **TRIBUTARIES TO LITTLE PATUXENT RIVER STREAM RESTORATION**
 Developer:
 Location Description: **EAST SIDE OF LITTLE PATUXENT PKWY SOUTH OF VANTAGE POINT RD**

Description	Action	Action Date
<p>A stream restoration project on CA property in the Village of Wilde Lake to provide required Md. State Highway Administration TMDL pollutant removal credits. The project encompasses 24 acres to provide water quality improvements within the Little Patuxent River watershed impacting wetlands, wetlands buffers, streams, stream buffers, 100-year floodplain and 25% steep slopes. This project is part of WP-19-124.</p>	<p>Approve</p>	<p>10/29/2019</p>
<p><u>Mitigation Requirement:</u> The disturbances are necessary to reduce and remove sediment, nitrogen, phosphorus and other pollutants, and to increase habitat availability and improve stream channel stability. The project will establish a new 1-acre wetland area. The project will employ best management practices and minimize the limit of disturbance. The existing forested areas to be cleared are to be replanted with native trees, monitored and maintained for a 5-year period. Riparian planting along the stream banks will be provided for additional stabilization and wildlife habitat. The applicant shall obtain any required permits and authorizations from the MDE and the USACOE for activities in regulated streams and wetlands prior to grading permit application. The project is also subject to any conditions of approval for WP-19-124.</p>		

Necessary Disturbance Action Date Between **10/1/2019** and **10/31/2019**

File Number: **WP-20-037**
 Submit Date: **10/18/2019**

File Name: **GWYNN PARK DRIVE OUTFALL STABILIZATION**
 Developer:
 Location Description: **N & S OF TERMINUS OF GWYNN PARK DR**

Description	Action	Action Date
Capital Project No. D-1158 to perform stream stabilization for an unnamed tributary located within the Little Patuxent River watershed east of Gwynn Park Drive for essential disturbances to a stream, stream buffer, wetlands and buffer, 100-year floodplain and 25% steep slopes.	Approve	10/21/2019

Mitigation Requirement: The disturbances are necessary for providing essential stream channel stabilization and bank restoration to address stream bank erosion, existing sediment siltation and flow impediments. The stream stabilization project will employ best management practices for all disturbances. There are no other reasonable alternatives for providing required stream channel and bank stabilization improvements to reduce stream bank erosion. DPW will reduce erosion of the stream channel bed and banks to restore the eroded stream banks to natural condition and remove excess silt and gravel from the stream bed channel. The disturbed areas will be stabilized with 4" of topsoil with a wetlands seed mix when completed. The applicant shall obtain required permits and authorizations from MDE and the US Army Corp of Engineers for activities in the stream and wetlands prior to grading permit application.

File Number: **F-84-098**
 Submit Date: **9/27/2019**

File Name: **WARFIELD'S RANGE, SEC. 2, AREA 2**
 Developer: **HOWARD CO DEPT OF PUBLIC WORKS**

Description	Action	Action Date
Capital Project No. D-1159 to repair an existing SWM pond facility to replace a deteriorated CMP riser and principal spillway pipe with a new open-top concrete structure and a rip-rap scour pool. The project is located on Hunters Way within Open Space Lot 28 in the Warfield's Range subdivision. The proposed SWM pond repair project will impact wetlands and a stream and their buffers, 100-year floodplain and 25% steep slopes.	Approve	9/27/2019

Mitigation Requirement: The disturbances are necessary for providing essential SWM pond improvements to an existing facility. The proposed replacement improvements will employ best management practices for work conducted within the stream, wetlands, buffers, floodplain and steep slopes. There are no other reasonable alternatives for providing required SWM pond improvements to enhance water quality volume in the pond basin, to increase storage capacity and to replace the deteriorated riser and spillway pipes. The SWM facility will be brought up to current safety and regulatory standards, while reducing erosion and downstream sedimentation by stabilizing the pond outfall. The limit of disturbances shall be re-vegetated to stabilize the area around the reconstructed pond and spillway. The applicant shall obtain required permits and authorizations from MDE and the USACOE prior to commencement of all work in environmental areas and buffers.

File Number: **WP-19-109**
 Submit Date: **5/29/2019**

File Name: **NORTH LAUREL STREAM RESTORATION**
 Developer:

Description	Action	Action Date
Capital Project No. D-1158 to perform stream restoration to unnamed tributary to the Patuxent River watershed impacting the stream, streambank buffer, wetlands, 25' wetlands buffer, 100-year floodplain and 25% steep slopes. The stream is located east of Livery Lane, south of Whiskey Bottom Road within North Laurel Park.	Approve	9/27/2019

Mitigation Requirement: The disturbances are necessary for providing essential stream channel and bank restoration to address stream bank erosion, existing sediment siltation and flow impediments. The stream restoration project will employ best management practices for all disturbances. There are no other reasonable alternatives for providing required stream channel and bank restoration improvements to reduce stream bank erosion, re-establish floodplain connectivity and to improve bed form diversity, using natural channel design features. DPW will reduce erosion of the stream channel bed and banks to restore the eroded stream banks to natural condition and remove excess silt and gravel from the stream bed channel. The disturbed areas will be replanted with trees and shrubs to provide shade, habitat and vegetative stabilization of the stream banks when completed. The applicant shall obtain required permits and authorizations from MDE and the US Army Corp of Engineers for activities in regulated stream and wetlands prior to grading permit application.

File Number: **WP-20-012**
 Submit Date: **8/22/2019**

File Name: **SHALLOW RUN SEWER INTERCEPTOR**
 Developer:

Description	Action	Action Date
Capital Project No. S-6284 to install new sewer pipelines in the Shallow Run corridor from Hanover Road south of Hi Tech Drive to north of Bellanca Drive in Elkridge impacting streams, streambank buffers, wetlands and buffer and 100-year floodplain.	Approve	9/4/2019
<p><u>Mitigation Requirement:</u> The disturbances are necessary for providing essential sewer pipeline upgrades and improvements to Howard County's sewer system. The project will employ best management practices for work conducted within environmental features and buffers. There are no other alternatives for providing required public sewer pipeline improvements to replace and upgrade existing sewer to prevent potential wastewater overflows. DPW will stabilize stream crossings to reduce erosion and sedimentation in the Shallow Run watershed and protect sewer infrastructure. The limit of disturbances shall be re-vegetated and stabilized upon completion of the sewer line installation. The applicant shall obtain authorizations and permits from MDE and the US Army Corp of Engineers for activities in regulated stream and wetland areas.</p>		

Necessary Disturbance Action Date Between **9/1/2019** and **9/30/2019**

File Number: **WP-20-018**
 Submit Date: **8/30/2019**

File Name: **CHERRYTREE FARM STREAM RESTORATION**
 Developer:

Description	Action	Action Date
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Mitigation Requirement:

Capital Project No. D-1158 to perform stream restoration to unnamed tributary to the Rocky Gorge Reservoir impacting the stream, streambank buffer, wetlands, 25' wetlands buffer, 100-year floodplain and 25% steep slopes. The stream is located on the north side of Harding Road in the Cherrytree Farm subdivision.

Approve

9/4/2019

Mitigation Requirement: The disturbances are necessary for providing essential stream channel and bank restoration to address stream bank erosion, existing sediment siltation and flow impediments. The stream restoration project will employ best management practices for all disturbances. There are no other reasonable alternatives for providing required stream channel and bank restoration improvements to create opportunities for functional uplift and nutrient processing for eligibility for nutrient and sediment removal for MS4/TMDL credits. DPW will reduce erosion of the stream channel bed and banks to restore the eroded stream banks to natural condition and remove excess silt and gravel from the stream bed channel. The disturbed areas will be replanted with trees and ground cover to provide shade, habitat and vegetative stabilization of the stream banks when completed. The applicant shall obtain required permits and authorizations from MDE and the US Army Corp of Engineers for activities in regulated stream and wetlands prior to grading permit application.

File Number: **WP-20-026**
 Submit Date: **9/11/2019**

File Name: **TIBER BRANCH INTERCEPTOR IMPROVEMENTS**
 Developer:

Description	Action	Action Date
Capital Project S-6283 for the Tiber Branch Sewer Interceptor pipeline improvements impacting streams, streambank buffers, wetlands, 25" wetlands buffers, 100-year floodplain and 25% steep slopes located along the Tiber/Hudson Branch watershed.	Approve	9/12/2019
<p><u>Mitigation Requirement:</u> The disturbances are necessary for providing essential sewer pipeline upgrades and improvements to Howard County's sewer system. The project will employ best management practices for work conducted within environmental features and buffers. There are no other alternatives for providing required public sewer pipeline improvements to replace and upgrade existing sewer to prevent potential wastewater overflows. DPW will stabilize two stream crossings to reduce erosion and sedimentation in the Tiber/Hudson watershed and protect sewer infrastructure. The limit of disturbances shall be re-vegetated and where possible trees are to be replaced to reestablish woody vegetation upon completion of the sewer line installation to establish permanent stabilization in the corridor and to provide wildlife habitat. The applicant shall obtain authorizations and permits from MDE and the US Army Corp of Engineers for activities in regulated stream and wetland areas.</p>		