**2015-05-19 Cole AREA E - Peacham Cres**

1. The study area consists of an approximately \_\_\_ m long section of a valley slope associated with a tributary of Black Creek.  
   **Answer:** 52
2. The anticipated Long Term Stable Slope Crest (LTSSC) for a Factor of Safety of \_\_\_ would intersect the residential dwelling at 21 Peacham Crescent.  
   **Answer:** 1.5
3. The main concern regarding slope instability at Peacham Crescent arose after the severe weather event on \_\_\_, which caused significant damage.  
   **Answer:** July 8, 2013

**2015-10-05 Geomorphic Report Final**

1. The dominant processes of channel adjustment in the study area include degradation (Reach 1), aggradation (Reach 2), and combined \_\_\_ and degradation (Reach 3).  
   **Answer:** planform adjustment
2. The erosion risk assessment for sanitary infrastructure in the area was based on \_\_\_ and \_\_\_ erosion risk indices.  
   **Answer:** lateral, vertical
3. One of the key factors contributing to erosion in the study area is the historical \_\_\_ of the creek.  
   **Answer:** channel realignment (straightening)

**2017 Bercy Wycliffe Workplan**

1. The Infrastructure Hazard Monitoring Program identified risks to multiple sanitary sites between \_\_\_ and Steeles Ave in the City of Markham.  
   **Answer:** John Street
2. The highest priority site in the region requiring emergency remedial action is Site \_\_\_.  
   **Answer:** P-531
3. The remedial bank stabilization and sanitary protection works at site P-531 include a Filtrexx \_\_\_ treatment for the upper portion of the bank.  
   **Answer:** Severe Slope Stabilization

**2018 Bercy (German Mills Settlers Park) Workplan**

1. Since 2012, the TRCA Infrastructure Hazard Monitoring Program (IHMP) has monitored at-risk sanitary sites along \_\_\_ Creek.  
   **Answer:** German Mills
2. The grant funding received for implementation at Site 1 and studies at Sites 2–4 amounted to \_\_\_.  
   **Answer:** $450,000.00
3. The implementation of Site 4 is scheduled for \_\_\_, pending available resources.  
   **Answer:** 2019

**2019-04-02 Conceptual Alt. Report Peacham**

1. The site under study is located southeast of the intersection of \_\_\_ and Sheppard Avenue West.  
   **Answer:** Jane Street
2. The valley slope behind 21, 23, and 25 Peacham Crescent has a height ranging from \_\_\_ to \_\_\_ meters.  
   **Answer:** 7, 8
3. The slope failure was primarily observed in the upper \_\_\_ to \_\_\_ meters of the slope.  
   **Answer:** 3, 4

**2019-09-26 Peacham Class EA PP**

1. The Peacham Crescent Slope Stabilization Project was officially initiated on \_\_\_ with the publication of a Notice of Intent.  
   **Answer:** November 22, 2018
2. One of the key objectives of the project is \_\_\_, which ensures the project is compatible with existing infrastructure and the environment.  
   **Answer:** Compatibility
3. The preferred stabilization method chosen for the project was the construction of a \_\_\_ structure.  
   **Answer:** Mechanically Stabilized Earth (MSE)

**2021 GMSP Sites 2-3 Workplan**

1. TRCA retained Greck & Associates in \_\_\_ to develop detailed designs for Site 2/3.  
   **Answer:** 2019
2. The preferred alternative to comprehensively address infrastructure risks was identified as \_\_\_ with Pedestrian Bridge Extension.  
   **Answer:** Channel Realignment
3. The construction schedule for the project must consider the warmwater fisheries timing window from \_\_\_ to \_\_\_.  
   **Answer:** July 1st, March 31st

**2021-02-24 Project Brief**

1. The German Mills Settlers Park Erosion Control Project focuses on protecting the \_\_\_ sanitary sewer.  
   **Answer:** Leslie Collector
2. The project includes replacement of a \_\_\_ upstream of site P-068 to prevent erosion and increase hydraulic capacity.  
   **Answer:** pedestrian bridge
3. The primary funding source for the project is the \_\_\_ York Region Capital Budget.  
   **Answer:** 2021

**2021-09-29 Peacham Cres Project Brief**

1. The Peacham Crescent Slope Stabilization Project is located in the \_\_\_ Watershed.  
   **Answer:** Humber River
2. The key reason for the project is to provide long-term, low-maintenance protection for \_\_\_ private properties.  
   **Answer:** four (4)
3. A major challenge in implementing the project is the presence of \_\_\_ species, which requires environmental assessments and mitigation strategies.  
   **Answer:** at-risk

**Design Brief - Phase I**

1. The Humber Bay Park East Major Maintenance Project is managed by the \_\_\_ and prepared by Shoreplan Engineering Limited.  
   **Answer:** Toronto and Region Conservation Authority (TRCA)
2. The detailed design report includes an assessment of \_\_\_, which considers historical and projected lake levels.  
   **Answer:** water levels
3. The main objective of the shoreline protection design is to minimize wave overtopping while maintaining \_\_\_ integrity.  
   **Answer:** coastal

**Design Brief - Phase II (DRAFT)**

1. The Humber Bay Park East Major Maintenance Project consists of multiple phases, with Phase I addressing the \_\_\_ shoreline.  
   **Answer:** eastern
2. The Phase II design focuses on the \_\_\_ headland and the cobble/gravel beach.  
   **Answer:** western
3. One of the key components of the design is to maintain and enhance \_\_\_ habitat through modifications to the shoreline.  
   **Answer:** aquatic

**Detailed Design - Phase I**

1. The design for Phase I of Humber Bay Park East includes shoreline protection features such as \_\_\_ structures.  
   **Answer:** armour stone
2. The primary purpose of the project is to protect the shoreline from \_\_\_ and maintain park accessibility.  
   **Answer:** erosion
3. Construction access to the project site will be from the existing \_\_\_ located near the main entrance.  
   **Answer:** parking lot

**Detailed Design - Phase II**

1. The second phase of the Humber Bay Park East project includes improvements to the \_\_\_ drainage system.  
   **Answer:** pond outlet
2. The design incorporates \_\_\_ materials to blend with the existing shoreline and provide additional habitat benefits.  
   **Answer:** natural
3. The implementation of Phase II will require compliance with regulations from \_\_\_ regarding environmental protection.  
   **Answer:** Fisheries and Oceans Canada

**German Mills - Project File with Appendices**

1. The German Mills Settlers Park Sanitary Infrastructure Protection Project aims to prevent exposure of the \_\_\_ sewer.  
   **Answer:** Leslie Collector
2. The project follows the Schedule B \_\_\_ Environmental Assessment process.  
   **Answer:** Municipal Class
3. The preferred alternative for addressing infrastructure risks was determined to be \_\_\_ with Pedestrian Bridge Extension.  
   **Answer:** channel realignment

**HBPE Project Brief - Phase I**

1. The Humber Bay Park East shoreline structures were initially built in the \_\_\_ to protect against erosion.  
   **Answer:** 1980s
2. The key issue identified in the Phase I assessment was structural instability of the \_\_\_ headland.  
   **Answer:** eastern armourstone
3. The project will include habitat restoration efforts focused on improving conditions for \_\_\_ species.  
   **Answer:** fish

**HBPE Project Brief - Phase II**

1. The main focus of Phase II is to stabilize the \_\_\_ headland at Humber Bay Park East.  
   **Answer:** western
2. The detailed design includes improvements to the \_\_\_ outlet to manage water flow and prevent erosion.  
   **Answer:** pond
3. Vegetation removal and restoration efforts will be guided by TRCA’s \_\_\_ risk management framework.  
   **Answer:** erosion

**Humber Bay Park East Concept Brief**

1. The Humber Bay Park East Major Maintenance Project was initiated to address shoreline erosion and improve \_\_\_ infrastructure.  
   **Answer:** park
2. The three main erosion control structures in Humber Bay Park East include two \_\_\_ headlands and a cobble/gravel beach.  
   **Answer:** armourstone
3. The project will implement shoreline modifications to mitigate the impact of extreme weather events such as the \_\_\_ storm.  
   **Answer:** April 2018 wind