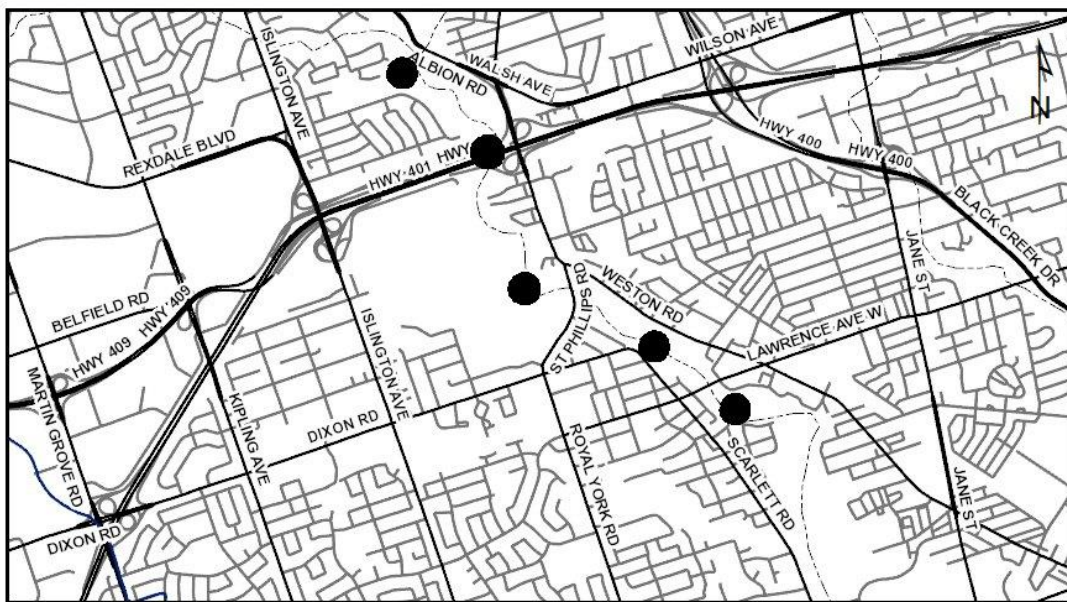


## CITY OF TORONTO (ETOBICOKE YORK COMMUNITY COUNCIL AREA)

### 11.6 CITY OF TORONTO

To construct, reconstruct, erect or place a building or structure, site grade, and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere, along the Humber River from north of Highway 401 to south of Lawrence Avenue West, in the City of Toronto (Etobicoke York Community Council Area), Humber River Watershed, as located on property owned by the City of Toronto, TRCA under management agreement to the City of Toronto, the Humberview Group, and the Weston Golf and Country Club. The purpose is to rehabilitate an existing sanitary trunk sewer. Works will involve replacing, relining, or abandoning segments of trunk sewer, with construction of access routes to each maintenance chamber. No in-water works are within the scope of this project.

**MAP LOCATION:** Albion Sanitary Trunk Sewer



The permit will be issued for the period of June 8, 2018 to June 7, 2020 in accordance with the following documents and plans which form part of this permit:

- Drawing no. 1058-16-03-01 (sheet G000); Albion Sanitary Trunk Sewer Rehabilitation and Modifications from MH332-45 to MH332-01: 17ECS-LU-02TT, Issued for TRCA & RNFP Approval 2018-04-11; prepared by Hatch and Toronto Water and Engineering and Construction Services; dated April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-02 (sheet G001); Albion Sanitary Trunk Sewer Drawing Index: Drawing Index; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-03 (sheet G002); Albion Sanitary Trunk Sewer Abbreviations 1/2: General Notes; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;

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- Drawing no. 1058-16-13-04 (sheet G003); Albion Sanitary Trunk Sewer Abbreviations 2/2: General Notes; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-05 (sheet G004); Albion Sanitary Trunk Sewer Standard Details 1 of 6: General Notes; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-06 (sheet G005); Albion Sanitary Trunk Sewer Standard Details 2 of 6: General Notes; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-07 (sheet G006); Albion Sanitary Trunk Sewer Standard Details 3 of 6: General Notes; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-08 (sheet G007); Albion Sanitary Trunk Sewer Standard Details 4 of 6: General Notes; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-09 (sheet G008); Albion Sanitary Trunk Sewer Standard Details 5 of 6: General Notes; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-10 (sheet G009); Albion Sanitary Trunk Sewer Standard Details 6 of 6: General Notes; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-011 (sheet G010); Albion Sanitary Trunk Sewer Legend: General Notes; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-12 (sheet G011); Albion Sanitary Trunk Sewer General Notes: General Notes; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; red line revised by TRCA staff on May 14, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-13 (sheet G012); Albion Sanitary Trunk Sewer Key Plan, Site Access: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-14 (sheet C101); Albion Sanitary Trunk Sewer Area A Key Plan: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-15 (sheet TR101); Albion Sanitary Trunk Sewer Area A Tree Removal and Protection Plan 1 of 3: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;

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- Drawing no. 1058-16-03-116 (sheet TR102); Albion Sanitary Trunk Sewer Area A Tree Removal and Protection Plan 2 of 3: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-17 (sheet TR103); Albion Sanitary Trunk Sewer Area A Tree Removal and Protection Plan 3 of 3: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-18 (sheet SP101); Albion Sanitary Trunk Sewer Area A ESC & Site Preparation Plan 1 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-19 (sheet SP102); Albion Sanitary Trunk Sewer Area A ESC & Site Preparation Plan 2 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-20 (sheet C102); Albion Sanitary Trunk Sewer Area A Prop. 250mm Sanitary Sewer: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-31 (sheet RS100); Albion Sanitary Trunk Sewer Area A Site Restoration Notes: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-32 (sheet RS101); Albion Sanitary Trunk Sewer Area A Site Restoration Plan 1 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-33 (sheet RS102); Albion Sanitary Trunk Sewer Area A Site Restoration Plan 2 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-34 (sheet PL101); Albion Sanitary Trunk Sewer Area A Planting Plan: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-35 (sheet C201); Albion Sanitary Trunk Sewer Area B Key Plan: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-36 (sheet TR201); Albion Sanitary Trunk Sewer Area B Tree Removal and Protection Plan 1 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-37 (sheet TR202); Albion Sanitary Trunk Sewer Area B Tree Removal and Protection Plan 2 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;

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- Drawing no. 1058-16-03-38 (sheet SP201); Albion Sanitary Trunk Sewer Area B ESC & Site Preparation Plan 1 of 5: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-39 (sheet SP202); Albion Sanitary Trunk Sewer Area B ESC & Site Preparation Plan 2 of 5: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-40 (sheet SP203); Albion Sanitary Trunk Sewer Area B ESC & Site Preparation Plan 3 of 5: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-41 (sheet SP204); Albion Sanitary Trunk Sewer Area B ESC & Site Preparation Plan 4 of 5: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-53 (sheet SP205); Albion Sanitary Trunk Sewer Area B ESC & Site Preparation Plan 5 of 5 (Golf Course): Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-43 (sheet TA201); Albion Sanitary Trunk Sewer Area B Temporary Access Road: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-44 (sheet C202); Albion Sanitary Trunk Sewer Area B Prop. Sanitary Sewer: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-45 (sheet C203); Albion Sanitary Trunk Sewer Area B Prop. Sanitary Sewer: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-46 (sheet C204); Albion Sanitary Trunk Sewer Area B Prop. Sanitary Sewer: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-47 (sheet C205); Albion Sanitary Trunk Sewer Area B Prop. Sanitary Sewer: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-48 (sheet C206); Albion Sanitary Trunk Sewer Area B Prop. 250mm Sanitary Sewer: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-49 (sheet C207); Albion Sanitary Trunk Sewer Area B Prop. 375mm Sanitary Sewer: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;

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- Drawing no. 1058-16-03-66 (sheet RS201); Albion Sanitary Trunk Sewer Area B Site Restoration Plan 1 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-67 (sheet RS202); Albion Sanitary Trunk Sewer Area B Site Restoration Plan 2 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-68 (sheet PL201); Albion Sanitary Trunk Sewer Area B Planting Plan 1 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-69 (sheet PL202); Albion Sanitary Trunk Sewer Area B Planting Plan 2 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-70 (sheet C301); Albion Sanitary Trunk Sewer Area C Key Plan: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-71 (sheet TR301); Albion Sanitary Trunk Sewer Area C Tree Removal and Protection Plan: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-72 (sheet SP301); Albion Sanitary Trunk Sewer Area C ESC & Site Preparation Plan: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-73 (sheet C302); Albion Sanitary Trunk Sewer Area C Prop. 300mm Sanitary Sewer: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-78 (sheet RS301); Albion Sanitary Trunk Sewer Area C Site Restoration Plan: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-79 (sheet PL301); Albion Sanitary Trunk Sewer Area C Planting Plan: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-80 (sheet C401); Albion Sanitary Trunk Sewer Area D Key Plan: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-81 (sheet TR401); Albion Sanitary Trunk Sewer Area D Tree Removal and Protection Plan: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;

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- Drawing no. 1058-16-03-82 (sheet SP401); Albion Sanitary Trunk Sewer Area D ESC & Site Preparation Plan: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-85 (sheet RS401); Albion Sanitary Trunk Sewer Area D Site Restoration Plan: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-86 (sheet C501); Albion Sanitary Trunk Sewer Area E Key Plan: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-87 (sheet TR501); Albion Sanitary Trunk Sewer Area E Tree Removal and Protection Plan 1 of 4: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-88 (sheet TR502); Albion Sanitary Trunk Sewer Area E Tree Removal and Protection Plan 2 of 4: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-89 (sheet TR503); Albion Sanitary Trunk Sewer Area E Tree Removal and Protection Plan 3 of 4: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-90 (sheet TR504); Albion Sanitary Trunk Sewer Area E Tree Removal and Protection Plan 4 of 4: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-91 (sheet SP501); Albion Sanitary Trunk Sewer Area E ESC & Site Preparation Plan 1 of 4: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-92 (sheet SP502); Albion Sanitary Trunk Sewer Area E ESC & Site Preparation Plan 2 of 4: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-93 (sheet SP503); Albion Sanitary Trunk Sewer Area E ESC & Site Preparation Plan 3 of 4: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-94 (sheet SP504); Albion Sanitary Trunk Sewer Area E ESC & Site Preparation Plan 4 of 4: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-13-95 (sheet C502); Albion Sanitary Trunk Sewer Area E Prop. 250mm Sanitary Sewer: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;

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- Drawing no. 1058-16-03-96 (sheet C503); Albion Sanitary Trunk Sewer Area E Prop. 250mm Sanitary Sewer: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-107 (sheet RS501); Albion Sanitary Trunk Sewer Area E Site Restoration Plan 1 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-108 (sheet RS502); Albion Sanitary Trunk Sewer Area E Site Restoration Plan 2 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-105 (sheet PL501); Albion Sanitary Trunk Sewer Area E Planting Plan: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-110 (sheet C601); Albion Sanitary Trunk Sewer Area F Key Plan: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-111 (sheet TR601); Albion Sanitary Trunk Sewer Area F Tree Removal and Protection Plan: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-112 (sheet SP601); Albion Sanitary Trunk Sewer Area F ESC & Site Preparation Plan 1 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-113 (sheet SP602); Albion Sanitary Trunk Sewer Area F ESC & Site Preparation Plan 2 of 2: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-114 (sheet C602); Albion Sanitary Trunk Sewer Area F Rehabilitation - MH332-05 to MH332-04: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-115 (sheet C603); Albion Sanitary Trunk Sewer Area F Rehabilitation - MH332-03: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-116 (sheet C604); Albion Sanitary Trunk Sewer Area F Rehabilitation - MH332-02: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;
- Drawing no. 1058-16-03-117 (sheet C605); Albion Sanitary Trunk Sewer Area F Rehabilitation and Connection - MH332-01 to MH320-25: Plan & Profile; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated November 30, 2016; revised April 11, 2018; received by TRCA on April 17, 2018;

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- **Drawing no. 1058-16-03-122 (sheet RS601); Albion Sanitary Trunk Sewer Area F Site Restoration Plan: Plan; prepared by Hatch on behalf of Toronto Water and Engineering and Construction Services; dated February 6, 2017; revised April 11, 2018; received by TRCA on April 17, 2018.**

### **RATIONALE**

The application was reviewed by staff on the basis of the following information:

#### Proposal:

The City of Toronto is proposing to reline, replace, or abandon various segments of the Albion sanitary trunk sewer (STS), located along the Humber River from north of Highway 401 to south of Lawrence Avenue West. This sewer, originally constructed in the 1960s, has reached the end of its service life and is experiencing deterioration and capacity issues. Largely following the Humber River, its flows eventually empty into another area sewer, the Humber STS, north of Raymore Park. These works were previously identified in a municipal class environmental assessment, completed in 2015. TRCA also previously reviewed abandonment works for this sewer under Highway 401 under permit C-120670 (CFN 47281), ratified by the Executive Committee on September 7, 2012. Another segment of this sewer on the Weston Golf and Country Club property was relined under permit C-150025 (CFN 51976), ratified by the Executive Committee on February 6, 2015.

Works under this contract will involve construction of access routes to all of the trunk sewer's active maintenance chambers so that relining and abandonment works can be carried out, and the chambers repaired or replaced where required. The segments being abandoned will have their flow redirected to the Humber STS via new or existing sewer connections. In order to avoid a new sewer crossing under the Humber River and its associated impacts on the watercourse, the existing segment of sewer located east of 125 Resources Road will be replaced and its flow direction reversed, so as to use an existing river crossing to the Humber STS, south of Highway 401. The reverse slope sewer will be located further away from the watercourse, thereby reducing risk from future channel migration. In a phased approach, flows in the existing trunk sewers will be bypassed around the segments being relined or abandoned, with high density polyethylene (HDPE) bypass ducts laid and staked in place adjacent to existing pathways within the valley. Sewer bypass ducts will only cross the Humber River on existing bridges. Each phase of bypass pumping will be removed as the sewer relining advances and each phase ends.

Access routes will be created from Caulfield Road, Hadrian Drive, Dee Avenue, and Hickory Tree Road. Access points will use the existing trail system to a large extent, with foot access off the existing trails where existing maintenance chambers are to be abandoned without equipment. Staging areas will be established around each site entrance, as well as in the parking lots at Pine Point Park and Weston Lions Park. All access routes and staging areas created for this project will be removed at the completion of works, and existing conditions restored. Silt Soxx™ will be employed for erosion and sediment control.

Tree protection fencing will be established in accordance with City of Toronto Urban Forestry standards. There are approximately 200 tree removals associated with this project, required in order to access all the sewer's maintenance chambers and carry out replacement and abandonment works. Access routes have been selected to reduce vegetation removals to the extent possible. These removals are to be replaced with 500 trees and over 4,500 shrub plants. A cash in lieu scenario to City of Toronto Ravine and Natural Feature Protection staff will also



## Item 11.6

be used where certain tree replacement ratios cannot be met on site, as City crews require maintenance access, and are unable to plant trees on top of the sewer alignment for longevity, maintenance, and access purposes. TRCA is continuing to work with City staff to augment and enhance the planting plan to ensure removed vegetation is compensated and an ecological net gain achieved. Other disturbed surfaces will be restored to prior conditions with asphalt, or topsoil and sod. Construction will occur from 2018 through 2021.

### Control of Flooding:

The proposed works are not anticipated to impact flooding, flood storage or conveyance of flood waters. All grades will be maintained or matched.

### Pollution:

Erosion and sediment control measures (silt socks) will be installed prior to construction and maintained for its duration. These measures are being implemented to prevent the release of construction generated sediment into the Humber River. Erosion and sediment control measures have been provided in accordance with the Greater Golden Horseshoe Area Conservation Authorities' Erosion and Sediment Control Guideline for Urban Construction (2006).

### Dynamic Beaches:

The proposal will not have any implications to dynamic beaches.

### Erosion:

There are no impacts identified regarding slope stability or erosion as a result of these works.

### Conservation of Land:

No in-water works are within the scope of this project.

### *Plantings*

There are approximately 200 tree removals associated with this project, required in order to access all the sewer's maintenance chambers and carry out replacement and abandonment works. These removals are to be replaced with 500 trees and over 4,500 shrub plants. A cash in lieu scenario to City of Toronto Ravine and Natural Feature Protection staff will also be used where certain tree replacement ratios cannot be met on site, as City crews require maintenance access, and are unable to plant trees on top of the sewer alignment for longevity, maintenance, and access purposes. TRCA is continuing to work with City staff to augment and enhance the planting plan to ensure removed vegetation is compensated and an ecological net gain achieved.

### Policy Guidelines:

This proposal complies with Section 8.9, Infrastructure Policies, of The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

**CFN: 56665 - Application #: 0054/18/TOR**

**Report Prepared by: Daniel Brent 5774 dbrent@trca.on.ca**

**For information contact: Daniel Brent 5774 dbrent@trca.on.ca**

**Date: May 28, 2018**