

APPROVAL AMENDMENT

PURSUANT TO THE PROVISIONS OF THE WATER ACT

APPROVAL No. 00287756-00-00
LEGACY AMENDMENT No. 00287756-00-04
LEGACY FILE No. 00287756
EAS OneStop AMENDMENT No. 5048840

Parkland County

The Approval is amended as follows:

- 1. The following amendments are null and void:
 - a) 00287756-00-01
 - b) 00287756-00-02
 - c) 00287756-00-03
- 2. Delete all conditions listed in the approval and replace with the following:

APPROVAL NO.: 00287756-00-00
ACTIVITY NO.: 5048840
ACTIVITY LOCATION: TABLE 1
WATER BODY: TABLE 2
EFFECTIVE DATE: March 26, 2020
EXPIRY DATE: December 20, 2026
APPROVAL HOLDER: Parkland County

Pursuant to the *Water Act*, R.S.A. 2000, c.W-3, as amended, an Approval is issued to the Approval Holder, subject to the attached terms and conditions.

TABLE 1 - Activity Location (LLD)

Sec - Twp - Rge - Mer

2	- 53	- 26	- 4
3	- 53	- 26	- 4
4	- 53	- 26	- 4
5	- 53	- 26	- 4
6	- 53	- 26	- 4
7	- 53	- 26	- 4
8	- 53	- 26	- 4
9	- 53	- 26	- 4
10	- 53	- 26	- 4
11	- 53	- 26	- 4
14	- 53	- 26	- 4
15	- 53	- 26	- 4
16	- 53	- 26	- 4
17	- 53	- 26	- 4
20	- 53	- 26	- 4
21	- 53	- 26	- 4
23	- 53	- 26	- 4
26	- 52	- 26	- 4
27	- 52	- 26	- 4
28	- 52	- 26	- 4
29	- 52	- 26	- 4
32	- 52	- 26	- 4
33	- 52	- 26	- 4
34	- 52	- 26	- 4
35	- 52	- 26	- 4
1	- 53	- 27	- 4
12	- 53	- 27	- 4

TABLE 2

Water Body
Tributaries to Atim Creek and Big Lake

Part 1: ACTIVITY

1.1 Pursuant to the *Water Act*, R.S.A. 2000, c.W-3, as amended, an Approval is issued to the Approval Holder to commence, continue and discontinue the following activities:

placing, constructing, operating, maintaining, removing, distributing works, in or on any land, water or water body;

maintaining, removing or distributing ground, vegetation or other material in or on any land, water or water body;

for the purpose(s) of management of storm drainage works

subject to the attached terms and conditions.

Part 2: DEFINITIONS

2.1 All definitions from the Act and the Regulations apply except where expressly defined in this Approval.

2.2 In all parts of this Approval:

- (a) "Act" means the *Water Act*, RSA 2000, c. W-3, as amended;
- (b) "EPEA" means the Environmental Protection and Enhancement Act
- (c) "AEP" means Environment and Parks
- (d) "Application" means the written submissions to the Director in respect of application number 5048840 and any subsequent applications for amendments of Approval number 00287756-00-00;
- (e) "Director" means an employee of the Government of Alberta designated as a Director under the Act;
- (f) "Approval Holder" means Parkland County, or those authorized under a Developer Agreement with Parkland County to undertake an Activity in accordance with this approval;
- (g) "Maintenance" means the routine repair, upkeep and preservation of the activity authorized under this approval; and
- (h) "Regulations" means the regulations, as amended, enacted under the authority of the Act;

- (i) “Adequate outlet” means a storm drainage discharge outlet to a receiving water body that does NOT measurably:
 - (i) alter the natural peak flow or level of the water body receiving the storm drainage, whether temporarily or permanently;
 - (ii) change or be capable of changing the location of the water or the direction of flow of water in the water body receiving the storm drainage;
 - (iii) cause or be capable of causing the siltation or the erosion of any bed or shore of the receiving water body;
 - (iv) cause or be capable of causing an adverse effect on the aquatic environment.
- (j) “Storm Drainage” means drainage, including residential, commercial and industrial runoff resulting from precipitation and snow disposal sites.
- (k) “Storm Drainage System” means any system for collecting, storing, conveying, and disposing of Storm Drainage, and includes any or all of the following components:
 - (i) storm sewers, valves, fittings, pumping stations, and appurtenances;
 - (ii) overland ditches, swales and other overland conveyance systems;
 - (iii) ponds which are used to temporarily collect or store the storm drainage;
 - (iv) stormwater management ponds;
 - (v) outfall structures;
 - (vi) snow disposal sites.
- (l) “Sub-basin” means, for the purpose of this Approval, the sub-basins identified in figures 3.2, 3.7, and 3.8 in 00287756-R001 and figure 4.1 in 00287756-R002.
- (m) “Stormwater Management Plan” means a site-specific plan containing detailed design and construction information for a storm drainage system development.

Part 3: GENERAL

- 3.1 The Approval Holder shall immediately report to the Director by telephone any contravention of the terms and conditions of this Approval at 1-780-422-4505.
- 3.2 The terms and conditions of this Approval are severable. If any term or condition of this Approval is held invalid, the application of such term or condition to other circumstances and the remainder of this Approval shall not be affected thereby.
- 3.3 The Approval Holder shall ensure that notifications for the Code of Practice for Outfall Structures on Water Bodies under the *Water Act* are submitted.
- 3.4 The Approval Holder is subject to *Alberta Wetland Policy* requirements for any activity affecting wetlands.
- 3.5 The Approval Holder shall submit applications under the *Act* for any construction activities in water bodies including wetlands and creeks.
- 3.6 The Approval Holder is subject to the *Public Lands Act* requirements for any disturbance to the bed and shore of crown claimed water bodies.
- 3.7 The Approval Holder is subject to *Environmental Protection and Enhancement Act* requirements for storm drainage works.

Part 4: PARTICULARS

- 4.1 This Approval is appurtenant to the following:
 - (a) Sections 2 to 11, 14 to 17, 20, 21, 23 of 53-26-W4M; Sections 26 to 29, 32 to 35 of 52-26-W4M; Sections 1 and 12 of 53-27-W4M as shown in plan 00287756-P001: Study Area and Fenceline Approval Area – Figure 2.1, prepared by AECOM, dated August 2011 as specified in 4.2.
- 4.2 The Approval Holder shall only undertake the activity in accordance with the following plan(s) and report(s)

REPORTS AND PLANS

00287756-R001: Parkland County Acheson/Big Lake Master Drainage Plan Amendment Application Document. Prepared by AECOM Dated: August 2011 (For Basins 2 through 10 inclusive)

00287756-R002: Acheson/Big Lake Basin 1 Stormwater Summary Report. Prepared by ISL Engineering and Land Services Ltd. Dated: March 2018 (For Basin 1)

00287756-R003: Memorandum Report dated August 25, 2014 by Northwest Hydraulic Consultants. Re: Parkland Industrial Estates – NW 11-53-26-W4M, SWM Pond Dam Safety Assessment

00287756-P001: Study Area and Fenceline Approval Area – Figure 2.1, prepared by AECOM, dated August 2011

- 4.3 All storm drainage works outlets in basin 1 through 10 are permitted to discharge during the wet weather events and the Approval Holder shall ensure all storm drainage works outlets are designed to limit the outflow to the maximum post development release rates for different basins as outlined in reports 00287756-R001 and 00287756-R002.
- 4.4 The Approval Holder shall ensure Best Management Practices for managing stormwater are implemented for all basins 1 through 10 as outlined in Section 3.3 and Figure 3.6 of report 00287756-R001 to undertake an Activity in accordance with this approval.
- 4.5 The Approval Holder shall retain a copy of the report(s) and plan(s) referred to in 4.2 at the site of the Activity at all times while conducting the Activity.
- 4.6 Prior to commencement of construction, the Approval Holder shall ensure an easement has been registered at Land Titles for lands affected by storm drainage discharge routes to an adequate outlet.
- 4.7 The Approval Holder shall not undertake the Activity in any manner or use any material that causes or may cause an adverse effect on the aquatic environment, human health, property or public safety.
- 4.8 The Approval Holder shall not release any substance from any Storm Drainage System that will adversely affect any downstream water body within or outside of the area shown in plan 00287756-P001.
- 4.9 The Approval Holder shall ensure that the storm drainage works outlets are designed to not exceed the pond's design high water elevation.
- 4.10 The Approval Holder shall minimize the removal or disturbance of existing bank vegetation at the site of the Activity.
- 4.11 The Approval Holder shall stabilize and reclaim all disturbed areas following completion of any works relating to undertaking the Activity.
- 4.12 Prior to construction of Storm Drainage Systems at the sub-basin level, the Approval Holder shall develop a Stormwater Management Plan.
- 4.13 When requested in writing by the Director the Approval Holder shall submit to the Director within 90 days, an as-constructed report of any constructed storm drainage works, complete with plans of works and photos of any construction in progress.
- 4.14 The Approval Holder shall perform operation and maintenance of the Storm Drainage System and downstream receiving water bodies within the area shown in plan 00287756-P001, as necessary.

Part 5: SILTATION AND EROSION CONTROL

- 5.1 The Approval Holder shall not do or permit anything to be done, nor omit or permit any omissions, which causes or may cause an adverse effect related to:
- (a) siltation; or
 - (b) erosion
- as a result of the Activity.
- 5.2 The Approval Holder shall develop a written Siltation and Erosion Control Plan.
- 5.3 The Approval Holder shall implement the Siltation and Erosion Control Plan required in 5.2.



Designated Director under the Act
Mohammad Habib, P.Eng.
Approvals Manager

March 26, 2020

Dated