



Administering Internal Drainage Facilities

Effective Date: July 17, 1990

Revised Date: May 9, 2017

Policy Statement:

In order to reduce conflicts between producers of different agricultural commodities a policy respecting the seasonal operation of the lowland drainage system is hereby adopted by Council.

Purpose:

The majority of the City's land mass is located on a floodplain, and it is divided into 4 distinct drainage areas, referred to as Drainage District No. 1 through 4, that area protected by river dikes. The drainage in these areas is provided by a network of ditches and sloughs, six pump stations and six sets of flood boxes.

Through the operation of the pump stations and flood boxes the municipality is able to influence water levels within the drainage system.

In order to try and achieve adequate drainage for all properties within all Drainage Districts seasonal pump settings are hereby established for all four Drainage Districts.

Policy:

1. The Municipal Council of The City of Pitt Meadows recognizes that the primary function of the Drainage System is to provide adequate drainage to all properties within the Diking Districts.
2. The City will endeavor to maintain these levels as per policy but reserves the right to adjust these levels for maintenance purposes and or flood protection.



3. In order to achieve adequate drainage for all properties within the Diking Districts the following ditch levels will be maintained throughout the year:

4. (a) Pitt Meadows No. 1 Drainage Area is to be maintained:
 - October 1st to May 31st at a setting of:
G.S.C. Pump On -0.20m, Pump Off -0.40m

 - June 1st to September 30th at a setting of:
G.S.C. Pump On +.30m, Pump Off +.10m

- (b) Pitt Meadows No. 2 Drainage Area is to be maintained:
 - October 1st to May 31st at a setting of:
G.S.C. Pump On -0.20m, Pump Off -0.40m

 - June 1st to September 30th a setting of:
G.S.C. Pump On +0.30m, Pump Off 0.00m

- (c) Pitt Meadows No. 3 Drainage Area (excluding McKechnie catchment) is to be maintained:
 - May 1st to September 30th at a setting of:
G.S.C. Pump on 0.00m, Pump Off -0.20m

 - October 1st to April 30th at a setting of:
G.S.C. Pump on -0.20m, Pump Off -0.40m

- (d) Pitt Meadows No. 3b Drainage Area (McKechnie catchment) is to be maintained:
 - June 1st to September 30th at a setting of:
G.S.C. Pump on 0.00m, Pump Off -0.20m

 - October 1st to May 31st at a setting of:
G.S.C. Pump on -0.20m, Pump Off -0.40m



- e) Pitt Meadows No. 4 Drainage Area is to be maintained:
- November 15th to February 28th at a setting of:
G.S.C. Pump On -0.75m, Pump Off -0.95m
 - March 1st to August 31st at a setting of:
G.S.C. Pump On -0.10m, Pump Off -0.30m
 - September 1st to November 15th at a setting of:
G.S.C. Pump On +0.10m, Pump Off -0.10m
5. Property Owners relying on the Drainage System for Irrigation Purposes are encouraged to provide for adequate On-Site Reservoirs for their own use where there is no other means of Irrigation.
6. The Council will consider the installation of Sluice Gates within the Ditch Network in order to retain water for Irrigation Purposes. Where possible, such equipment should be constructed on Private Property and be installed in a manner that does not encumber the overall Drainage System.
7. Mckechnie Control Gate Settings
- Old Dewdney Trunk – leave open unless flooding occurs in lowlands
 - Hale Road - partially open and continue to monitor
 - 203rd – partially open and continue to monitor
8. Area 3 Frost Protection – Open control gate and install stop logs as required at the Marina Flood Box for the Spring and Fall months.