

Meeting Minutes: Sunnyside Flood Task Force (HSCA Emergency Planning and Response Committee - Infrastructure Group),

Monday, November 24, 2014 from 7:00 – 9:00 PM in the Tim Tyler Board Room at HSCA.

(1) Status of various projects:

- a. Updated Hydraulic Modeling No update
(To confirm or revise (i) Hydrology: the river flow for a given return period and (ii) Hydraulic: river height for a given river flow. Both parts completion date TBA.)
Tentative plan to review at the April Flood Task Force Meeting
- b. River Flood Protection Conceptual Design No update
(To address the question of berm adequacy and possible berm height increases. First quarter 2015 aim for completion. Suggest meeting with John Slaney to review.)
Tentative plan to review at the February Flood Task Force Meeting
- c. Lift Station Resiliency
(To permit continued operation of the Sunnyside Sanitary Lift Station and the Sunnyside Storm Water Lift Station in the event of high water. Sanitary: draft report in November 2014. If approved will be designed early 2015 and ideally built by end of 2016. Storm: Dependant on CDI Study.)
 - Q1 completion aimed
 - Sanitary: draft report to be completed in January 2015
 - B47 catchment; pumps designed to 1:50 year rainfall
 - Level of service for B49 and B54A questionedPlan to review at the January Flood Task Force Meeting
- d. River Ice Study No update
(Long term study to ensure Sunnyside has adequate protection in the event of high river levels caused by spring ice jams. Monitoring for first few years. Some monitoring equipment has been installed)
 - To be discussed after March 2015Tentative plan to review at the April Flood Task Force Meeting [need to resolve potential conflict with (a) above]
- e. Gate B46 repair / improvement No update
(To address the leakage that was observed in 2013 and confirmed by testing in 2014)
 - To be discussed in March 2015
- f. Prince's Island Park Causeway No update
(To figure out how to compensate for the strengthening of the causeway. Plan is for berms to be adjusted higher to accommodate for lack of causeway failure)
- g. U of C Groundwater Study No update, no plan currently
(multi-year study of the impact of groundwater. No monitoring in Sunnyside)
- h. Addition of "Transalta Dam Management" to the list of projects

(2) Further Discussion of the Sunnyside Community Drainage Improvement (CDI) Project

- a. Technical update (study progress).
Tentative plan to review at the February Flood Task Force Meeting

- b. Cost reduction options
Tentative plan to review at the January Flood Task Force Meeting
- c. Funding options (provincial, federal, municipal) Pump Station #1 confirmed end of November?
- d. Next steps, timing and priority.
- 7th street trunk design; consultants still working on (trying to determine appropriate technical level of service based on historical data)

(3) Support for Triple Bottom Line Analysis

- a. House Counts
- b. Cost per house.

(4) City plans for 2015 flood preparations to be reviewed at the March Flood Task Force Meeting (ie Operations)

- Review plans for 2015 flood season; should be same protocol as 2014

(5) Charlie to coordinate with Paul contact with Michelle Rempel and the Province.

Next Meeting: January 12th, 2015