

## **Emergency Planning and Response Committee June 19, 2017 Minutes**

**Attendees:** David Brindle, Charlie Lund, Pat Jans, David Fox, Mike Bradfield, Deborah Murray, Brian Bass

1. **Welcome** – David Brindle
2. **Permanent Flood mitigation Status** – Charlie Lund

### **The Infrastructure Group has achieved many important successes:**

1. The B46 valve has been relocated and replaced.
2. The sanitary lift station is being rebuilt.
3. Pump Station #2 is funded and the first part of the first phase of construction is nearly complete.
4. Pump Station #1 is funded and into detail design (funded by the City, Provincial and Federal governments).
5. The Upper Plateau Separation project is expected to be approved on June 26. Detail design could start this year.
6. Pump Stations #3 and #4 are on the CDI priority list.

### **There remains work for the Infrastructure Group to do:**

7. Stay in contact with the City to ensure work on the projects above proceeds expeditiously.
8. Support the city in their requests to the province and the federal government for funding.
9. Work with Water Resources to improve Sunnyside berm/barrier design. Possible meeting with the community in November. Memorial Drive is key infrastructure for Bonnybrook sewage infiltration.
10. Support the construction of a new dam and reservoir on the Bow River upstream of Calgary.
11. Advocate that any non structural mitigation measures reflect the protection afforded by the structural measures.
12. Support the plan to address the rock bars now obstructing portions of the river channel.
13. Stay in touch with IBC and make sure they are informed as the structural measures are implemented.

**Overall, improvements to permanent mitigation are proceeding well. We are not getting everything we would want in a perfect world, but what is planned seems reasonable.**

Charlie Lund, Chair, Infrastructure Group, June 19, 2017

3. **Interim Flood Mitigation Status – David Brindle**

A report was presented by David Brindle. For the record, the text of the report is attached hereto (Attachment #1)

***Pumping***  
Total for what is planned is 1.1m<sup>3</sup>/sec. What was required for 2013 was 3.2m<sup>3</sup>/sec. This means we are still vulnerable until permanent infrastructure is in place.

***Temporary berms***  
How much does the city have? Is there enough to cover all of Sunnyside and how is testing done to evaluate? Where has it been tested against pressure?

***Princes Island causeway***  
Has created an additional 22cm increase in the river level due to its permanent nature. Talk to parks, can anything be done?

***Community Leaders program***  
Who are our vulnerable citizens?  
What emergency measures are in place in the community?  
Should we have block captains?

***Action Items for David Brindle:***  
[ get answers from the City for the berm questions  
[ get answers from within HSCA for the questions about the Community Leaders Program  
[ let the City know that EPARC is still advocating for the 3.2 CMS pumping capacity for temporary pumping
4. **EPARC Public meeting, May 29, 2017 – David Brindle**

Good attendance from the community and good discussion with the city. For the record, the text of a report prepared by David Brindle is attached hereto (Attachment #2)
5. **Review of EPARC's Terms of Reference**

Purpose is to coordinate all other subcommittees.  
To be reviewed individually and discussed in the future
6. **Advocacy Requirements at the city, Provincial, and Federal levels**

HSCA is a charitable organization. Now that most technical work with the city has been done we need more advocacy without being political. Flood mitigation should be pushed to all candidates in the upcoming election,
7. **Community Engagement**

Charlie Lund is conducting community walking tours of new and planned flood infrastructure mitigation.  
Possible tour of Ghost dam workings – talk to TransAlta
8. **Adjournment**

Next meeting tba, in September 2017.

## **Interim Mitigation Status**

There are two components to the interim mitigation:

- temporary pumping, and
- temporary berms.

The City has a contract with a rental company for portable pumping. What they've promised for Sunnyside is

- one 6" pump at B42A/B4
- two 6" pumps at B47, and
- four 8" pumps at B48/B48A

This is a total pumping capacity of about 1.1 CMS, and is a lot less than what we asked for. To protect against most of the damage that would occur in a repeat of 2013 we would need 3.2 CMS. The City has not said how much of an improvement the 1.1 CMS is over what we had in 2013.

The offer of temporary berms is new and is a good thing. Even after the permanent berm has been heightened, temporary berms will probably always be something we'll need for backup, in case of the bigger flood. We'll need to be vigilant in the future to make sure the temporary berms don't get forgotten about.

It's been very difficult to get detailed information about the temporary mitigation. The City says that for security reasons the information they can make public is restricted. All we know about the temporary berms is that they are available and that the City has a team which is trained in deploying them.

When I asked about increasing the capacity of the temporary pumping, the City's response was that Hillhurst and Sunnyside is already better provided for than other communities with similar needs. That's not the right response. The remedy for that situation would be that our community gets more while those other communities get a lot more than what they now have.

Last month, a team of volunteers delivered flyers to all the houses in Sunnyside encouraging residents to contact the City to ask for better interim mitigation. When we ask, one of the things to point out to the City is that for about \$50,000 per flood season they could provide the 3.2 CMS of pumping capacity we need to protect us against events like those of 2013. We need to encourage residents to keep pushing for this.

David Brindle  
June 19, 2017

## **HSCA Public Meeting, May 29, 2017**

I emailed Druh Farrell to ask about interim mitigation and providing 3.2 CMS of pumping for a cost of \$15,000 per year.

She didn't answer that question.

But then there was an email from Pamela Reid in Water Resources, offering a meeting with Frank Frigo.

And Frank agreed it would be ok to arrange a public meeting.

There wasn't much time to get a meeting notice out and still have the meeting early in the flood season.

Some wonderful volunteers delivered 1,200 flyers to houses in Sunnyside and Hillhurst.

There were also some email notices sent out, but too little and too late, unfortunately.

It was really encouraging that about 80 people came out to the meeting. That's compared to about 40, excluding Board members and HSCA staff, who came out to the last AGM.

It looks as though community engagement for flood mitigation is alive and well.

The meeting was a success for the City as well as for residents.

The City were very happy to see so many people, asking all those questions.

Councillors and the Administration need to have engaged citizens phoning in and sending letters and emails and attending meetings. It helps them to get projects funded and pushed forward.

An article about the meeting is going to appear in the July Voice, and a copy has also been sent out by email.

Slides of Frank's presentation are on EPARC's pages on the HSCA web site.

I'm hoping we can plan some more events to build on the community engagement.

David Brindle

June 19, 2017