

Community Response and Resiliency Division (CRRD)

MEETING MINUTES #2

Monday, April 7, 2014 - 7:00 p.m. HSCA Slate Room

Meeting **Start Time:** 7:05 p.m. **End Time:** 9:25 p.m.

Attendees: Paul Galachiuk (Chair), Kerri Treherne (Chair of EPARC), Amanda Palmer (Minutes), Richard Bolt (resident of Sunnyside), Elsaby Johnstone (AHS), Anne McIlwaine (Calgary Family Services), Ali Benoit & Jeneba, Stewart (Red Cross) Marcie Dupuis (City of Calgary Social Worker), Charlie Lund (resident of Sunnyside, Chair of Infrastructure sub-committee)

Invited but not Present: Wendy Weisshaar, Tim Kitchen, Infrastructure Technical Committee members

1. Introductions

- Richard found out about us from the monthly newsletter

2. Communications Systems

- Dropbox: We want to get everyone onto Dropbox, will store agendas, minutes, workplans, etc. on there. When you are using a document to update it, note that you are using it so we aren't all making changes at the same time.
- Amanda will modify Charlie's group's Dropbox to accommodate and organize everyone's work and invite everyone at this meeting to join.
- Working with Jessica Clark to get information posted to our website

3. Overview of Documents Sent out Since Last Meeting for CRRD

- Minutes from March 19 are in Dropbox, as is the updated workplan
- We report to EPARC which Kerri chairs, Terms of Reference are being reviewed currently, check them out – sent to all invitees
- All drawings are in Dropbox if you want to check them out
- Richard requested EBA report to be in the Dropbox Folder – this may be the Golder 2012 Study – need to verify? The file called Golder Bow and Elbow River Hydraulic Modeling has been placed in the Water Smart 2013 Folder.

Action: Amanda Palmer to review the Dropbox Folders and Combine all the Committees into one – and sort out the Drawing Folders as well. .

4. Update on Community Leaders Program (CLP)

- CLP manual draft to be sent out mid-week
- Event next Wednesday, Tim Haney will be presenting. Might be a small event and we can plan a bigger one in the future

Action: Amanda will follow up with Tim to find out his fee and what he thinks we should cover, and to let him know it will probably be a small turn out this time.

5. CRRD Workplan

- AHS work: new team created in January to address psycho-social health in relation to disasters. Trying to learn what people's experiences and professional's experiences have been with the flood. Trying to learn the stress impact so that they can work to build the resilience of individuals, communities and professionals working in the field.
 - o Brochures are available on the website (Response, Prepare, and Recovery brochures)
 - o Creating workshops for citywide participation – interactive format where they discuss preparing emotionally for disaster and talking about resilience and coping under stress. These will be held at HSCA on May 14 & 15 and June 4 & 5. Good timing because a lot of angst in the community right now. The better people recover from a previous event the better they will do in another event. Good fit with the Community Leaders Program because it will equip community members with the tools to take care of themselves if something occurs. Able to go to event in communities that aren't your own if you are more comfortable with that.
 - o Ali has been finding people of Sunnyside very receptive to pursue Mental Health assistance. Anxiety is very, very high right now.
- Red Cross work:
 - o Second outreach on April 2, 2014 – assess people in community who have some basic needs resulting from direct impact from the flood. Cover the gap between DRP, Insurance, etc. Trying to make sure they aren't duplicating assistance. Seeing high anxiety levels. Working with Calgary Family Services and other people to connect people in need with people who can provide those services. When doing outreach they tell community members that they are here on behalf of HSCA and try to stress all the different agencies they are working with. Biggest trend right now is people who didn't apply to DRP. Luckily, everybody, well 80-85% seems to have been covered by insurance. They were afraid to apply to DRP because of the title they associate with you, and sometimes insurance wasn't enough/didn't cover everything.
 - o Buildings have been a big struggle because not the same level of access. Knows all the buildings that were flooded, trying to figure out how to access them. Putting brochures in all the mailboxes, and trying to access them by word of mouth, which has been working.
 - o A lot of clients are new and didn't receive assistance from DRP or Red Cross before, but are finding they do need the help now. Finding that everyone is working together really well right now, and really quick response happening.
 - o Ali sends report to Paul, Kerri, and Amanda. Needs to be kept confidential, and Amanda will update our database with that information.
 - o Red Cross grants? Aleksandra is taking care of it, but we can send it to Ali. Having received money from them before doesn't affect ability to get more money. You just need to justify getting the money.
- Calgary Family Services work:
 - o Post-flood received money to deal with flood-specific things. Someone over 65 that needs support can be sent to her. Helping people navigate DRP and flood mitigation stuff

- A lot of older adults haven't been receiving all of their pensions and benefits, etc. Also referring to other agencies to secure them more assistance.
- Has a few people from Sunnyside from Ali now that they are working with. A lot of events in other communities, requests for presentations of working with older adults during a disaster and will be formalizing that with AHS who has something in the works. That will be in place for stuff in Bowness and for training here.
- Marcie spoke with Annie from BRZ about her connecting with Calgary Family Services to collaborate on reaching seniors.

Action: Kerri will connect Annie from the BRZ with Anne McIlwaine via e-mail

- Samaritan's Purse is working in a lot of houses here, as is Habitat. Should they come to the next meeting

Action: Ali will send Paul their contact information so that they can be included in the invite to the next CRRD meeting

- Poster campaign:

- A lot of info for a normal poster, but make 8 ½ by 14, print here but have Marcia printing
- Jodi sent out email last week about April 9 & 16th events, another coming out this week

Action: Amanda will update the poster with a new side and get it printed. Jodi will poster Wednesday afternoon.

Action: Add Red Cross to poster, add locations for everything, and change Appreciation event to 2013 Volunteer Appreciation Event.

Action: Make sure Infrastructure group members are on the HSCA mailing list, and that they get a copy of the poster.

- CLP names

- Liaisons / Mobilizers. Do those names work?
- Kerri thinks we don't need both. Adds another layer of bureaucracy.
- One thing Marcia would caution is to try as much as possible to have things in place before you bring volunteers into the fold. Affects volunteer retention and management. We are trying to get things in place so that people can give feedback, want to have structure in place that they can comment on.

Action: Everyone look over information sheet and manual when they are sent out.

- Technical:

- Since last meeting we have been working on two emergency response plans

- Facility Emergency Response Plan is drafted, working with Facility Coordinator to edit and fine tune, working to get this document ready for final review and then implement.
 - Community Emergency Response Plan is in the works. Should have first draft out in the next two weeks. We are using the FERP as a template but the CERP will be more comprehensive.
 - CERT Training. Staff can take it if they want. Also, it is one of the training courses required for volunteers.
- In contact with Enmax, ATGO Gas and the City (potable water) asking for drawings and assistance with writing up our emergency response plans.
- Working with City (Brad Larson)
 - 1 in 20 rainstorm (95% of what we get for rain should be less than this): if gates are closed water from the B48/48A Catch Basin gets trapped down on the bottom of 7th St. and floods West Sunnyside, city has bought two pumps to help alleviate this, but those pumps don't cover off what we need. 1:20 year rainstorm is 9 cubic metres per second (CMS) inflow, 1:2 year rainstorm is 2 CMS. Pumping capacity to pump this water over the berm is only 0.32 CMS. We are working with the City with regard to back-up pumping from the company they contract with. We have offered to perform the economics for them – on getting the back-up pumping capacity of 8.7 CMS that we need in place – City needs to send us what they will be charged from the company they contract with. We also need to know the Contract Company can supply these pumps to our area – since they also have to provide pumps for the whole City.
 - Discussion on the frequency and probability of how much rain we will get when the gates closed in the summer flooding season. In the last 4 years West Sunnyside has flooded 5 times – while the gates have been closed – it has rained each time – on Mar 3, 2009, June 20, 21, 22, 2013 and July 5, 2013. This data would show that there is a very high probability that when the gates are closed (which is usually due to the expectation of high rain) that we will get a rain storm that will flood our area.
 - The pumping capacity to remove water from the area if the gates are closed of 0.3 CMS is most likely not adequate for any rain storm we get.
 - Charlie points out that it is 0.16 CMS (one 6'x6" pump) on B48/48A and 0.16 CMS (one pump as well) for the B47 area. So our capabilities are only 0.16 CMS in each area. If B48/48A fills and floods – the excess water will flow down to where the B47 pump will be.
 - The City indicates that to go any higher than that capacity of pump would be well beyond what they can budget, and if they are bigger they cannot guarantee they are for our area, since they belong to the City, they might be deployed elsewhere in a flood. Smaller

pumps guarantee they are ours. A big enough pump would protect us this year, but incredibly expensive, massive and immobile. The City needs to look into a larger number of smaller pumps that still provide the overall pumping capacity needed.

- They are not using the natural head pressure (from the hill in the upper Catch Basin) to allow the gates to stay open and still get the Storm Water into river. To do this – they need to connect the Upper catch basin from the Sunnyside Storm Sewer System – since the amount of water coming from the upper section is too much for our area to handle. The Infrastructure Committee is working with the City to evaluate this option – however –this is a longer-term project.
 - CRRD has sent the City their recommendations on Pumping Capacity when the gates are shut? We need 9 CMS of pumping capacity to protect against a 1 in 20 rainstorm, as per the e-mail from Brad Larson, vs the 0.32 CMS they are proposing. We need to continue our discussions with the City with regard to more back up pumps.
- South Causeway and the 2nd St Weir around Prince’s Island is the other critical issue. A request to the City through Brad Larson has been sent – we would like to hear what Frank Frigo says once they have done the proper calculations and simulations.
 - Prince’s Island has two channels around it, the South causeway blew out in June 2013. The North Passage around prince’s Island over flowed for about 6 hours on June 21, 2013 and when the South Causeway let go it reduced our water height by 3 feet. They have rebuilt the Causeway with no cement and large rocks so it doesn’t fail this year. It appears even the three ducts through it are restricted now – including a large gravel bar upstream of it from the Bow River. Frank Frigo indicated in a meeting on Feb 13, 2013 that we need it to blow out, but Brad Larson says it is not that critical. CRRD is asking the City to look at that system and do the calculations to see if we need the South causeway to be modified. Also, the 2nd St Weir will also cause issues and is a restriction, we would like to see calculations on that area as well, even though the City has ever mentioned that area as a concern.
 - Provincial report came out saying that if the reservoirs had been dropped as they could have been, we would have seen significantly less flow in the Bow River (590 CMS less, TAU has disputed this number and indicated 300 CMS less), either number would have resulted in the Berms not overflowing in Hillhurst Sunnyside. However, Sunnyside still would have flooded from rain backing up in the storm sewers. The management of the reservoir levels is critical to regulating flow by storing water in the reservoirs during large storms. The June 2013 event would have been

- substantially smaller had this been done. The second request to the Province is to look at using more of the reservoir capacities – less than the minimums stated by TAU now. Ghost, Bearspaw, Minnewanka and even Glenmore have even more unused storage capacity if we find ways to lower these reservoirs further.
- Need to look through everything Brad Larson is doing and figure out what is funded and what isn't. We can work with this as part of the advocacy piece.
 - The only thing they have promised publicly is the pumping when gates are closed. This assumed that they would provide adequate pumping that we don't flood in our area when the gates are closed. We have found out this is not the City's understanding – and we need to continue discussions with them.
 - Need to work out a communication plan with City people because it seems like we aren't getting the people we need to. Maybe get everyone together with Druh.
 - Randy Girling is the operations person – he should interact directly with CRRD, Francois Bouchart and Brad Larson should deal with the Infrastructure group.
- Technical operations people (Kerri, Richard, Paul and Charlie) to meet separately to discuss things. Advocacy piece relates to this quite a bit.
- Charlie, Paul and Richard will get nuts and bolts down, and then discuss the key outcomes with everyone else. Meeting set up for Apr 10 at 6 pm – Vendome's.
- Agenda for meeting with Druh Farrell on April 8th, 2014:
- Pumping Capacity in H-S Area with Gates Closed in Summer Flood Season. How do we strategize for getting more pumps to protect us against a 1 in 2 year up to a 1 in 20 year rain event?
 - Bring e-mail to meeting with Druh tomorrow.
 - Better Early Warning System for H-S Area from City
 - South Causeway Restriction around Prince's Island
 - Sanitary Lift Station needs to be Protected
 - Upstream Reservoir Management by Province and TAU to keep Bow River level lower
 - Have meeting with all City Water people and Druh to talk about communications?
- 6. June 3, 2014 – Planned Community Meeting – Review Agenda**
- Paul and Amanda will revise Agenda that did not get reviewed at this meeting – and send it to Kerri for review.

Meeting adjourned at 9:25 pm

Note: Next CRRD Mtg #3 – May 7, 2014 – not finalized or discussed at this meeting.