Meeting Minutes

Lake Street Beach Association Open House

Date and Time of Meeting: August 2, 2017, 7:30 PM

Location: City Hall

Attendees: See sign-in sheet for attendance

Mike Magnuson began by introducing himself. He outlined the process of identifying solutions for the flooding issues in this area. He said that this meeting, where residents and property owners in the area could express their concerns and describe their problems, was the first step. The second step would be to take all of the information gathered and develop workable solutions. This would then be presented to the group for discussion and endorsement. The final product of this effort would be a prioritized list of potential projects that would be presented to the City Council.

The meeting began with a request by City staff for a clarification of the boundaries of the association and the properties they serve.

The residents started by laying out some of the history of drainage problems in the area. There was significant discussion about the storm event on Sunday, July 23. This storm event precipitated sanitary sewer backup for several of the homes in this area.

Mike gave a recap of the presentation given to City Council at the August 1 City Council meeting. Mike emphasized that the rainfall totals over the past two months have far exceeded other recent rain events in the past 20 years or so.

Mike also described inflow and infiltration (I & I), and the stress that this placed on the sanitary system during the recent storms. The I & I was extremely high during the late July storms and the wastewater treatment plant processed more than four times the volume of wastewater than normal.

Also for the July 23 storm, the power failed in the area for several hours. During the initial onset of the storm, the generator for a sanitary sewer pumping station experienced two short-term disruptions. Mike also described the various sanitary sewer pumping efforts that the City had undertaken in order to manage the stormwater, and that those efforts were still in progress even though the storms have ended.

Mike said that the City's goal for sanitary sewer backup during heavy rain events was zero. He said that the number of reported sanitary sewer backups was greatly reduced from previous events. Mike stressed that any damage to private homes from sanitary sewer backups needed to be communicated to the City.

Mike reviewed the different study areas the City is investigating, and said that a meeting involving the entire North Shore Study Area would be held on September 21.

Then the discussion moved to the previous efforts at helping reduce flooding. There was discussion of the "smoke test" for illegal sump pump connections to the sanitary sewer that was done several years ago. The residents felt that the illegal connections were happening again, and the smoke test should be redone. There were also discussions of the relining of the sewer that happened several years ago that caused some sanitary sewer backups in some homes from the contractor.

The residents also said they would like the City to relook at the overall drainage pattern for the area. The stormwater needed to be moved away from the houses, and needed to get to the Lake quicker.

During the meeting, Mike had been taking down ideas on the whiteboard. Mike reviewed the categories and the items under each category. They were:

Problems
No more backups!!!
Seepage through check valves
Sumps discharge (I&I)
Road runoff (14/176)
Tree damage/rot
New development
Mosquitoes/health issues
Tree trimming around power poles

Solutions
More storage
Water off property
Rear yard swale/channel
Spillway changes?

Questions
When was the creek filled in/changed to the overflow channel?
What did the City's Cove Pond project do?
Sewer service elevations of home impacted?
Why more impervious (roads & development) draining to this area?
What sanitary sewers were lined?
When was the spillway put in?
Vacant/foreclosed homes (NCLBPIA)

There were various discussions about many of these points such as looking at illegal connections to the sanitary sewer, looking at the overall drainage of the area, looking at tree trimming to prevent localized power outages, and researching sanitary sewer elevations.

Mike asked everyone to remember when in the past they had experienced flooding and write it down so that he had a history of issues.

Mike wrapped up by saying that there were many things to research, and promised to follow-up with the residents. A follow-up meeting was scheduled with this group for September 6 at 7:30 PM.

LAKE STREET BEACH ASSOCIATION MEETING – 8/2/17

SIGN-IN SHEET

NAME & COMPANY	PHONE NUMBER	E-MAIL ADDRESS
Michael Magnuson Crystal Lake – Director of Public Works	815-356-3611	mmagnuson@crystallake.org
Michelle Rentzsch Crystal Lake – Community Development Director	815-356-3605	mrentzsch@crystallake.org
Abby Wilgreen Crystal Lake – City Engineer	815-356-3605	awilgreen@crystallake.org
Mark Stonikas Crystal Lake – Civil Engineer	815-356-3605	mstonikas@crystallake.org
Jason Herbster Crystal Lake Park District – Executive Director	779-994-4248	jherbster@crystallakeparks.org
Ann Viger Crystal Lake Park District – Director of Planning and Development	779-994-4239	aviger@crystallakeparks.org
GARY + Kerri Clark 780 North Shore	847-529-1301	GCLARK1957@SBCglobal.net GCLARK SBC
ROBIN + SKIP REED 840 N. Shore Dr.	815-912-2959	robreed840@yahoo.com
Jen + Chuck Korn 770 N Shore Dr.	815 261 8414 2246785762	KornC54@gmail.com
Mike Thinnes 820 N. Shore Dr.	815 739 7802	Mike@thinnestransport.com
Jeff Mawdsley City of Crystal Lake - Carpenter	815-459-2020	jmawdsley@crystallake.org

tree behind here that needs to come down