



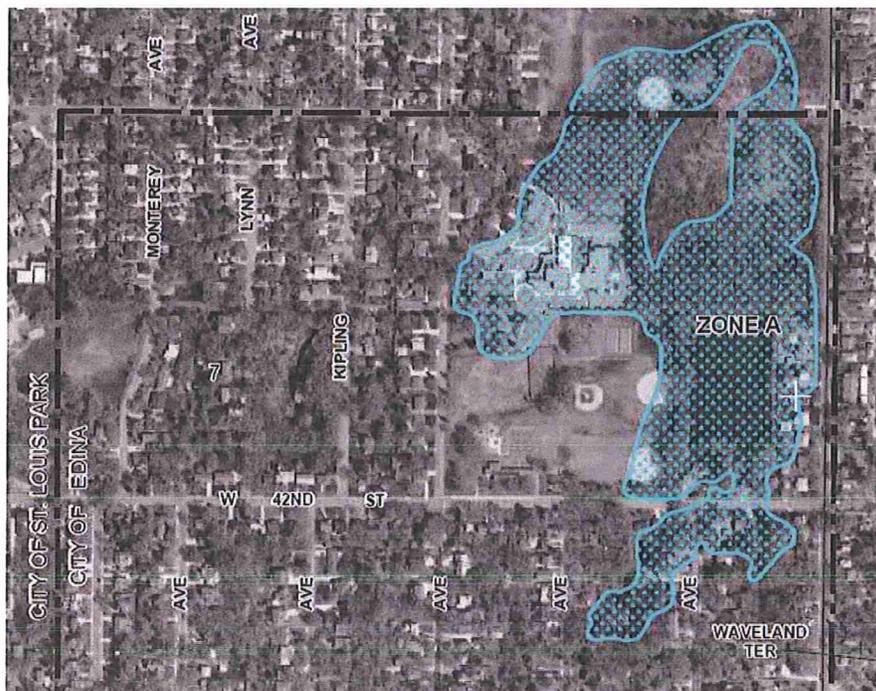
July 3, 2013

William Murphy
Atkins
3901 Calverton Boulevard
Calverton, MD 20705

Re: Preliminary FEMA Map Appeal – Weber Park Pond/Morningside Area; City of Edina, MN

Dear Mr. Murphy:

The Weber Park Pond/Morningside area of Edina has been identified by FEMA as a Zone A with no base flood elevation determined. The extent of the 100-year floodplain area shown on the Revised Preliminary Hennepin County Flood Insurance Rate Map (FIRM) dated August 17, 2012 (panel 362F) extends beyond the flood inundation area that corresponds to the 100-year flood elevation of 869 feet MSL (NGVD29) identified in the City of Edina's December 2011 Comprehensive Water Resources Management Plan (CWRMP).



Weber Park Pond/Morningside Area Preliminary Zone A (panel 362F)

CITY OF EDINA

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The City is submitting this correspondence and supporting documentation to appeal the proposed floodplain area around Weber Park Pond because it is technically incorrect due to insufficient and out-of-date data. According to the Revised Preliminary Hennepin County Flood Insurance Study (FIS) dated August 17, 2012, the hydrologic and hydraulic analyses used to create the proposed floodplain area around Weber Pond were performed by the USGS in April 1978 and has not been updated since that time. The following information is provided “to demonstrate that alternative methods or applications results in more correct estimates of base flood elevations” (*Title 44, Chapter I, Part 67 of the Code of Federal Regulations, §67.6*).

In 2003, detailed XP-SWMM hydrologic and hydraulic models were developed for the entire city of Edina. In 2006, revisions were made to the XP-SWMM model in the Morningside area to reflect more accurate and up-to-date information. The revisions incorporated updated topographic information for both the City of Edina and the City of St. Louis Park. The model was also updated to include several St. Louis Park watersheds that drain into the City of Edina’s system in this area. Modeling results indicate a 100-year flood level in Weber Park Pond of 869.0 (NGVD29). The ponding area south of West 42nd Street between Alden Drive and Scott Terrace, connected to Weber Park Pond by storm sewer, has a 100-year flood elevation of 869.2. The ponding area south of West 42nd Street between Scott Terrace and France Avenue, connected to Weber Park Pond by storm sewer, has a 100-year flood elevation of 869.4.

The City proposes that the FEMA floodplain map be revised to reflect the results of the more detailed modeling and mapping information described above.

Supporting documentation for this appeal and proposed FIRM revision is contained in the following attachments:

- The XP-SWMM model (**weber_analysis_existing_100Y_survey_092906.xp**)
- Details and documentation about the XP-SWMM model, copied from Section 4.1 of the City’s December 2011 Comprehensive Water Resources Management Plan (**XPSWMM Model Documentation.pdf**)
- Map comparing the preliminary Zone A (light blue) and the proposed Zone AE (with BFEs labeled) being proposed as part of this appeal (dark blue) (**Figure I**)
- GIS shapefiles and topography data used to map the Zone AE being proposed as part of this appeal:
 - Zone AE extent with the associated BFEs listed in the attribute table
 - Subwatersheds used in the XP-SWMM model
 - 2-foot contours for the City of Edina and the City of St. Louis Park (both NGVD29)
 - A digital elevation model (DEM) created from the 2-foot contours used to map the extent of the proposed floodplain

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The supporting documentation is available for download from the following ftp site:

- In Windows Explorer ("My Computer", not the web browser Internet Explorer) type:
ftp://user.barr.com
- Press Enter
- Username: sms
- Password: ftpsms
- The documentation can be found under the folder "Edina-FEMA-Appeal" and then the subfolder "Morningside"

Revising the FEMA FIRM to reflect newer, more accurate flood level information directly benefits concerned residents in the Weber Park Pond/Morningside area by providing them with a specific BFE and a more detailed floodplain map. It is extremely important to the City that we provide the best available data to our residents to accurately identify flood risk. Therefore, the City of Edina, as well as the City's consulting engineer (Barr Engineering), welcome the opportunity to discuss any questions and/or concerns FEMA may have regarding this appeal and/or the supporting documentation that has been provided to support a change to the floodplain map.

Sincerely,

A handwritten signature in black ink that reads "Scott H. Neal".

Scott Neal
City Manager, City of Edina

c: Wayne Houle, City Engineer, City of Edina
Janna Kieffer, Barr Engineering Company
Suzanne Jiwani, Minnesota Department of Natural Resources
Eric Evenson, District Administrator, Minnehaha Creek Watershed District

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