

Notice of Board of Managers Special Meeting Minutes

**Wednesday, February 18, 2015
5:00 p.m.**

Managers Present: Kloiber, Segreto, Peterson, Twele

Staff Present: Bigalke, Bob Obermeyer, Louis Smith, Janna Kieffer, Greg Franzen, Sarah Stratton

Chair Kloiber called the meeting to order at 5:00 pm.

Administrator Bigalke stated the purpose of the special meeting was to hear a presentation by Barr Engineering staff on the Atlas 14 flood elevation model. Bigalke stated that the District's current flood plain and flood elevation model is based on TP-40. He said that Atlas 14 is the updated model.

Bigalke stated that he and Barr staff had met with staff from cities in the District to discuss Atlas 14 and the impacts it may have on flood plain regulations in the District.

Bob Obermeyer introduced Janna Kieffer, Greg Franzen, and Sarah Stratton as Barr staff that will be presenting this evening.

Barr Engineering staff presented background information on the District's current regulatory flood elevation and how the Atlas 14 model was developed.

The Atlas 14 model builds on the TP-40 model, the District's regulatory flood elevation and on the SWMM model. The SWMM model was used to evaluate the whole watershed, breaking it into 3065 subwatersheds.

Greg Franzen stated that the TP-40 100 year, 24 hour storm event equaled 6 inches. The Atlas 14 100 year, 24 hour storm event equaled 7.5 inches, which is a 25% increase. The increase in the size of the event also results in a higher peak intensity which is over a 100% increase.

Janna Kieffer and Sarah Stratton presented management consideration of using Atlas 14 and the mapping results.

Bigalke stated that the District's foresight in the 1960's and 1970's when establishing the initial flood elevation has really helped minimize the impact of the increases in the Atlas 14 model. He continued by saying that even with this foresight, there are some areas that will see an impact when using Atlas 14.

Manager Segreto asked how this relates to the District's 2 foot separation requirement.

Bigalke stated that the 2 foot separation requirement is for the low floor elevation and that in some cases low floor elevations of structures would need to be higher for new construction or redevelopment.

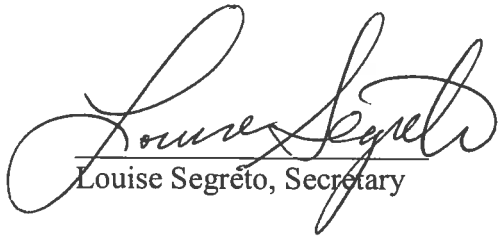
Greg Franzen continued reviewing the maps of the Atlas 14 model comparing it to the TP-40 elevations for the whole creek.

Managers discussed the modeling results.

Bigalke stated that the big question is how we communicate this information to the public and the property owners.

Bigalke continued stating that staff would be setting up meetings with individual cities to discuss the Atlas 14 modeling results and its impacts on each city this spring. He hoped the District would adopt Atlas 14 and update its regulatory flood elevation later this spring or early summer.

The meeting was adjourned at 6:45 pm.



Louise Segreto, Secretary