



## Colonial Heights City Council Meeting Agenda Item Executive Summary

### City Council Meeting

**MEETING TYPE:** City Council Work Session

**MEETING DATE:** February 15, 2022

**ITEM:** Lakeview Dam Updates

**DEPARTMENT:** Public Works

**PROPOSED ACTION:** Staff discussion with City Council regarding upcoming improvement work on Lakeview Dam and outstanding items requested by the Federal Energy Resources Commission (FERC).

#### **BACKGROUND:**

In August of 2020, the City and surrounding areas experienced an extreme rainfall event that caused extensive flooding throughout the City. During this event, the water level at Lakeview Dam was high enough to start eroding the earthen embankment at the right abutment of the dam which resulted in a Voluntary Evacuation order downstream of the dam structure. Soon after that event, FERC required mitigation action to protect the dam structure from future extensive rainfall events. The City, in coordination with the hydroelectric operator (KEI), has worked to provide a design plan to address this requirement.

While the design work was underway, KEI informed us that the City was the license holder through FERC and would need to be responsible for any improvement work on Lakeview Dam. In the past, KEI had performed the duties of the licensee holder. This shift in responsibilities means the City will need to assign a Chief Dam Safety Coordinator and also an Emergency Action Plan coordinator. The City will also be responsible for all safety documents as required by FERC.

Along with the improvement work, FERC is requiring the City, as the licensee holder, to address stability concerns with the Lakeview Dam during the Inflow Design Flood (IDF). This work will require obtaining outside resources to assist with the IDF assessment.

#### **BUDGET/FINANCIAL IMPACT:**

**Funding for this item was:**  included  not included in the current-year budget  N/A

**RECOMMENDATION:** Updates provided for Council's input.

**ATTACHMENTS:** (1) Lakeview Dam Updates Powerpoint Presentation

- Staff will be making a detailed presentation on this agenda item at the meeting.
- Staff will provide brief comments and answer questions on this item at the meeting.
- This is a routine procedural item and no presentation is planned for the meeting.

*Councilmembers who have any detailed questions or would like to request additional information regarding this item are encouraged to contact the City Manager at their earliest convenience.*

