

City of Afton

Flood Hazard Mitigation Project

December 18, 2012



Flood Hazard Mitigation Project

The City of Afton and the DNR are working on a levee accreditation project to address the reoccurring costs of flooding

Flood Hazard Mitigation Project

- Existing Levee has septic systems impacting the structural stability of the levee when flooding occurs and thus need to be addressed









Flood Hazard Mitigation Project

■ Project Tasks Completed:

- Accreditation Evaluation – SEH 2005
- Public Input – Task Force 2010
- CR 21 Landward Drainage Study (Wash. County) 2010
- Government Agency coordination – DNR, USACE, Wash. Co., VBWD, Wash Cons. Dist., MPCA, PFA
- Public Meetings on project funding 2011
- Community Assessment Report – Sanitary 2011
- Kelle's Creek flood mitigation – Property Acquisition to minimize impacts 2012

Flood Hazard Mitigation Project

- **Currently working on:**
 - **Levee design components - project goal remains the same from the Task Force**
 - **Geotechnical design of the levee was completed 2012**
 - **Septic systems within levee need to be removed**
 - **grant funding – Facility Plan, March, 2013**
 - **Assessments – Feasibility Study, 2013**
 - **Continue to work on Kelle’s Creek flood mitigation**

Flood Hazard Mitigation Project

■ Next Steps

- USACE requirements for existing levee-LOI, septic
- Wash. County to start preliminary design of CR 21 in 2013 (\$500k budget for prelim design)
- Continue to work with VBWD on Kelle's Creek
- Local roads and storm water
- Continue to pursue additional grant funding

Flood Hazard Mitigation Project

■ Project Funding

➤ Levee

- DNR Flood Mitigation Grant \$4.5 m +
- Special Assessments
- Levee Reserve Fund of City Budget

➤ Sanitary Systems

- Alt. 1 - Systems Within the Levee and non-compliant
 - DNR, Clean Water Grant, **special assessments (benefit)
- Alt. 2 - All Systems within the Village
 - DNR, MPCA (working on), Clean Water Grant, **special assessments

Flood Hazard Mitigation Project

- **Project Funding continued**
 - **CR 21 Re-construction through Village**
 - **County Bond Funds 2015**
 - **Local Share for Extras**
 - **Local Roads and Storm Water**
 - **City Capital Improvement Plan**
 - **Watershed Water Quality Grants**
 - **DNR and County through cost shares of storm water trunk line**

Comments Questions