



March 16, 2022

TO: Flood Authority Members

FROM: Scott Boettcher, Staff

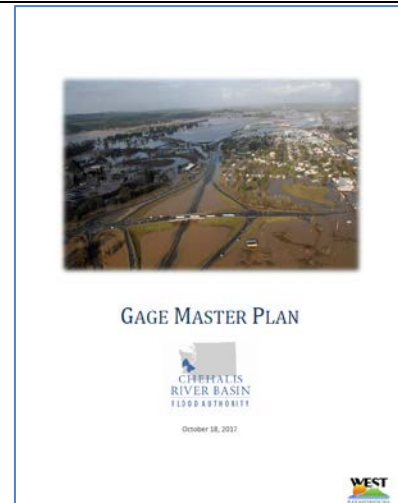
SUBJECT: Flood Warning System, New/Emerging Needs Following Recent Flood Events

The following will be discussed at tomorrow's Flood Authority meeting. Please feel free to contact me with questions (360/480-6600, scottb@sbgh-partners.com).

Below outlines several recently identified next step improvements to the Flood Warning System. Scott will present a formal implementation recommendation to the Flood Authority at their next meeting (5/19/2022).

1. BASIN-WIDE: Update [2017 Gage Master Plan](#) to set next step directions, priorities.

- Purpose = In conjunction with stakeholders, set priorities for next five years.
- Cost = ~\$50,000.
- Timeline = 3 to 6 months.



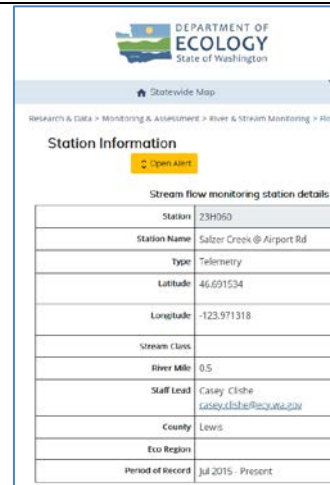
2. LOWER BASIN: Locate webcam in Aberdeen pointed at Herron Street Bridge.

- Move webcam from Chapman Farms (Satsop River) to location with greater viewership.
- Place river elevation markings on bridge for easy viewing and greater public awareness.
- Cost = \$3,952.35 (funding potentially already secured).
- Timeline = April/May/June 2022.



3. **MID-BASIN: Reactivate WA State Department of Ecology's Salzer Creek Gage.**

- Ecology is willing to reactive Salzer Creek gage.
- This would be very beneficial to understanding flows into Centralia and mid-basin.
- Cost = None.
- Timeline = April/May/June 2022.



DEPARTMENT OF ECOLOGY State of Washington	
Statewide Map	
RESEARCH & DATA > Monitoring & Assessment > River & Stream Monitoring > River	
Station Information	
Open Alert	
Stream flow monitoring station details	
Station	23H060
Station Name	Salzer Creek @ Airport Rd
Type	Telemetry
Latitude	46.691534
Longitude	-123.971318
Stream Class	
River Mile	0.5
Staff Lead	Cathy Clishe Cathy.Clishe@ecy.wa.gov
County	Lewis
Eco Region	
Period of Record	Jul 2015 - Present

4. **MID-BASIN: Locate new gage in China Creek.**

- Centralia has identified this as a need to better understand flows into Centralia and mid-basin.
- Cost = TBD (~\$6K to \$10K).
- Timeline = TBD.



5. **UPPER BASIN: Upgrade Thrash Creek stream gage to bridge-mount radar gage.**

- Continue to upgrade system with more accurate and user-friendly gaging technologies.
- Cost = TBD (~\$10K to \$15K).
- Timeline = TBD.



6. **BASIN-WIDE: Outreach/social media**

- Build on 2022 success of social media (e.g., [Chronicle Facebook](#) postings) as a foundational information dissemination tool.
- Cost = None (to be covered by staff and Outreach Committee).
- Timeline = Aug/Sept/Oct 2022.

