March 29, 2025

TO: OCB (Jeff Zenk, Nat Kale, Ken Ghalambor)

FROM: Scott Boettcher, Staff

SUBJECT: Additional Funding for City of Chehalis/Port of Chehalis Flood Strategy Investment Plan

Purpose of this memo is to outline **$208,834 in additional funding needed for the City of Chehalis/Port of Chehalis Flood Strategy Investment Plan**. Questions: 360/480-6600; scottb@sbgh-partners.com.

- - - - BACKGROUND - - - -

1. City and Port's Flood Strategy Investment Plan is tackling the most challenging flooding in the basin.
   - ✓ Mid-basin geography is flat, "lake-like" and slow to drain (Attachment 1).
   - ✓ Planning area has many drainages, many jurisdictions and much water (Attachment 2).
2. CBB approved $102K (2/06/2025) for gages to quantify Dillenbaugh flood volumes/timing (pg. 5 here).

- - - - CHALLENGES - - - -

3. Achieving success will require (a) Implementing many solutions strategically sequenced and implemented across multiple jurisdictions over a significant period of time.
4. Achieving success will require (b) Developing a lasting, multi-jurisdictional agreement (vision) for what projects, when, where, why, and to what effect (Attachment 3).

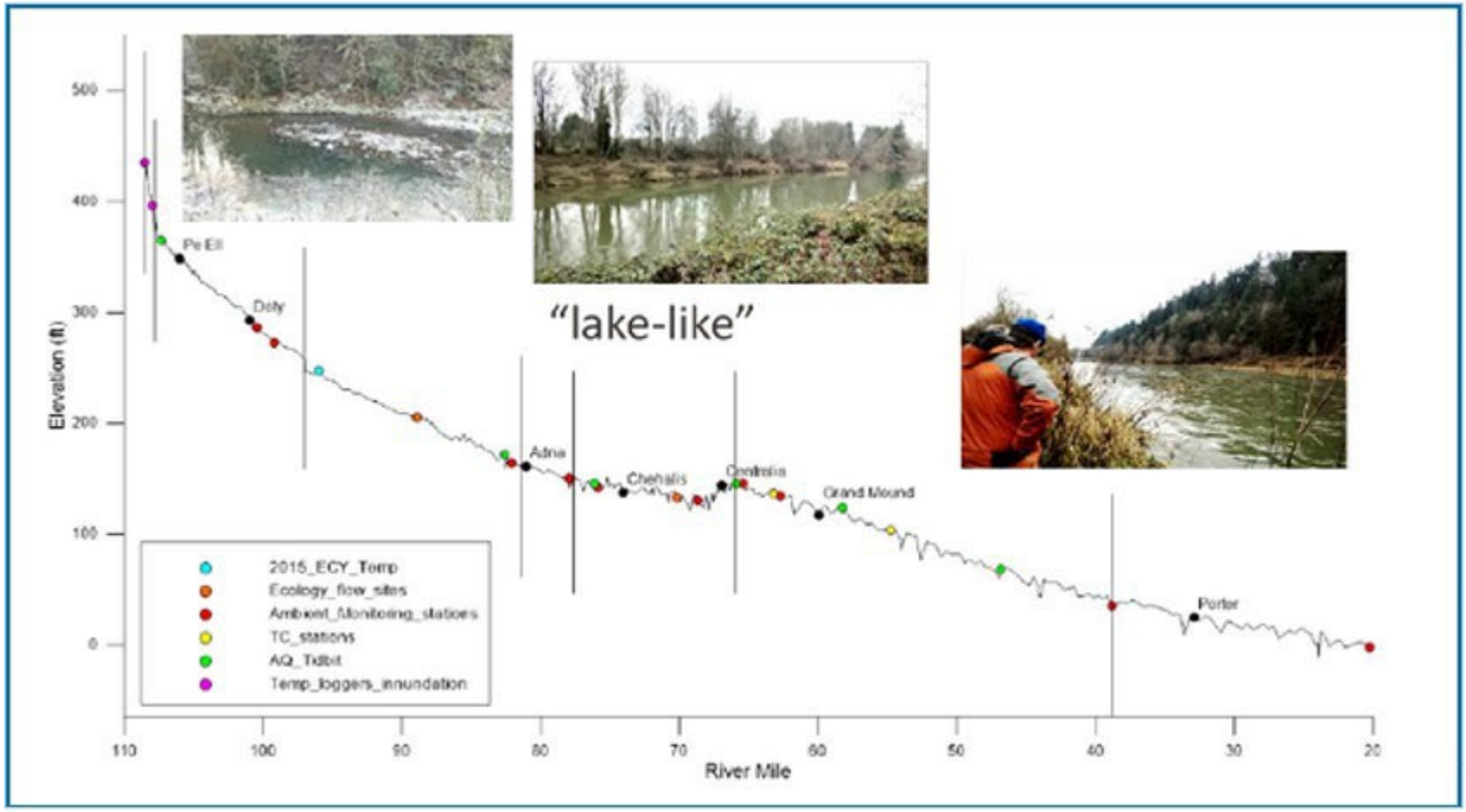
- - - - ADDITIONAL FUNDING - - - -

5. $208,834 in additional funding is needed to enhance community engagement activities/tools essential to securing the lasting, multi-jurisdictional agreement (vision) required for success.
   - ✓ Develop interactive mapping tool for users to toggle between different implementation scenarios in order to see different implementation results/inundation improvements.
   - ✓ Hold "experience" workshops for community members to interact with new mapping tool.
   - ✓ Integrate Flow-Through Dam and LAND elements into implementation scenarios.
   - ✓ Integrate community supported outcomes/results into Chehalis Basin Long-Term Strategy.

Attachment 1

Basin Geography (Big Picture)

Shah, Mohammad. (2021). inland water-dynamics and ecology. 10.5772/intechopen.87463.

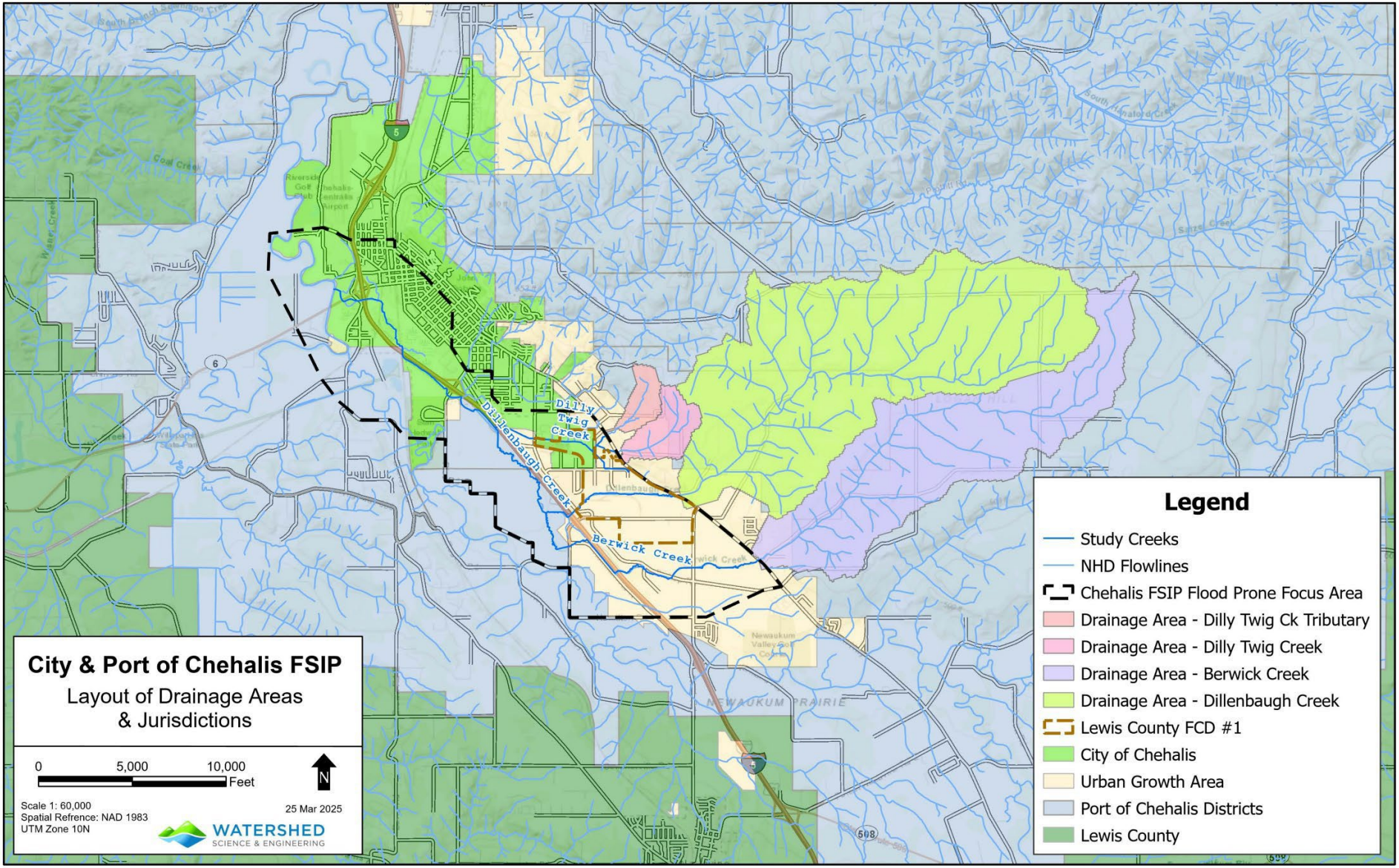


Basin Geography

- ☐ Upper = Steep, narrow, fast flowing.
- ☑ **Middle = Flat, "lake like", slow to drain.**
- ☐ Lower = Flat, coastal, difficult to drain.

Attachment 2

Local Geography (Many Jurisdictions, Many Drainages, Much Water)



Attachment 3

Project Concepts (Strategically Deployed, Sequenced Across Many Jurisdictions)