

PIERCE COUNTY SPANAWAY LAKE MANAGEMENT PLAN

September 7th, 2016

Meeting Summary

Sherriff Precinct – Moran Room

Attendees:

Kim Munson, Scott Munson, Gary Grazzini, Victoria Lincoln, Jim Overway, Jessie Richards, Mel Oleson, Dennis Townsend, Kevin Reagan, Judi Knapp

Barbara Ann Smolko PC SWM, Windy Kruse PC SWM, Isabel Ragland Pierce Conservation District, Austin Jennings TPCHD, Beck Little PC Parks, Jess Stone PC Parks, Amy Cruver PC Council

Discussion in the lake characterization Report

The advisory group asked the following questions of Brown and Caldwell

- 1) On page 5-44 there's a graph with a prediction of "future conditions". Wanting to know what data and what assumptions you used to predict that rate of increase since 10% in 10 years seemed high.
- 2) More information about the QAPP, especially since the language in the document talks about it being "streamlined".
- 3) Curious about the groundwater/well samples. How deep were they? Was that the data used to predict the TP load from groundwater?
- 4) One homeowner said that the water level assumptions aren't accurate. He said that an area the study predicts to go dry during the summer, does not.
- 5) Wanted to know more about the groundwater flow through process. It seems like some TP should be leaving the lake that way and, if so, how much?
- 6) On Table 7, the acre feet from precipitation wasn't calculated properly and is much lower than it should be.
- 7) They asked about sediment core samples. Is that in the memo?
- 8) Would like to see more information on the soil layers around the lake including a cross-section showing the aquitard layers. There was also a feeling that the groundwater was being directed into aquitard channels to that not all of the groundwater in the entire basin was going into the lake but that a large percentage might be going around it.
- 9) There's a table in Chapter 6 "Estimated Annual Total Phosphorous" where someone said they didn't think the numbers added up properly.
- 10) why we didn't use a "Reference Lake" for comparison

These questions were sent via email to B&C for response. Responses will be provided by the next Meeting.

Review of Lake Management Goals

A list of management goals was provided to the group (see handout). The team commented on the following:

- Algae data needs improvement. A baseline for making decisions: Better ways of tracking algae blooms, more participation to measure performance. CDC information in toxic algae.
- Education and Outreach. A necessity for making changes to the lake. Outreach on vegetation removal. Education on what are invasive plants vs. the effects on water quality.
- Survey of vegetation. Information from the Pierce County Noxious Weed Board, and the Department of Ecology.