Lake Management Plan Update

April 18, 2022 City Council Workshop



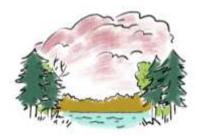
Big Picture Review



- Phase 1 completed Fall 2021
 - \circ Background Information
 - \odot Understanding the Issues/Concerns
 - Preliminary outreach to Agency Partners and Community
 Developing Work Plan for Phase 2
- Early Phase 2 Fall 2021 to Spring 2022

 Quality Assurance Project Plan (QAPP) development
 Ecology Approval process

Upcoming Work



Phase 2 Continued – Spring 2022 thru Summer 2023

 Water Quality Sampling and Monitoring
 Community Outreach and Education
 Open House Coming Up!
 Logo/Motto to generate awareness
 Lake Management Plan Development

• Fallen Leaf Lake Pilot - Process Driven

Upcoming Work



Lacamas, Round, Fallen Leaf Lakes Management Plan

Open Houses

Spring 2022	Summer 2022	Fall 2022	Winter 2022–2023	Spring 2023	Summer 2023	Fall 2023	
Collect and analyze water samples Develop lake management plan							
Identify community goals and expectations for future lake use and lake management measures Analyze water samples to date and identify spectrue of lake management optic		nd identify spectrum		samples an	Complete and analyze water samples and identify possible lake management strategies		
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Question and Answer – Big Picture



- 1. Who owns the Lakes?
- 2. Have the Lakes always had poor water quality? How have things changed over time?
- 3. Will we be able to recreate this summer? Can we predict algal blooms?

Question and Answer – Project Specific



- 4. Why isn't the City doing anything? Why are we just studying it instead of fixing it?
- 5. What is the purpose of developing a Lake Management Plan? Why are we doing it this way? "Why don't we just…" (install NanoBubbler, aerator, chemicals, etc.)?
- 6. Does the Lake Management Plan project include all three lakes?
- 7. Is completion of the Lake Management Plan project the "END"?
- 8. What's taking so long?
- 9. Are we using Lake Management Project funds on other activities?

Question and Answer – Partnerships



- 10. The City's partners include Clark County, the Dept. of Ecology, and other non-profits. What are they doing to help? Why is the City leading this effort (and not the County, State, etc.)?
- 11. Why is Ecology only looking at Bacteria (Fecal Coliform) in their Source Assessment Project in the watershed?
- 12. Why can't the advisory notices get posted faster when there's a Harmful Algal Bloom?
- 13. What can volunteers do?
- 14. Why can't we use citizen scientist data?

Question and Answer – Stormwater and Development



- 15. How do the City's Stormwater Requirements relate to lake water quality?
- 16. What happens with those storm water facilities that nobody is maintaining?
- 17. Who is making sure that all storm-water facilities are in good working condition and that they did not fail at some point?
- 18. How will the North Shore development impact the lakes health? How will the city make sure that development won't harm the lakes' water quality?
- 19. Why does the city still allow clear cutting in Camas if it's proven to be detrimental to the water bodies?
- 20. Why isn't the City doing anything about the Lacamas Shores Bio-Filter?

Question and Answer -Additional Information



21. Why isn't the City getting more information out? What are we doing to get information out? Where do we go to get more information?

Additional Questions?