

Clean Water Partners: WQT Meeting

November 8, 2022

Moderator: Lindsay Tuttle

Note-taker: Cindy Callahan

Attendees	Cindy Callahan, Mellissa Petrich (PC), Tanya Truong, Carol Falkenhayn Maloy (PC), Tyler Dearman (PC), Alena Reynolds (PC), Jeff Barney (PC) Amber Peralta (TPCHD), Scott Chernoff (DOH), Barbara Ann Smolko (PC), Paul Borne, Alena Reynolds (DOE), Emile Ancelet (PC), Paul Bourne (PCD)
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Agenda Item	TPCHD Update																								
Discussion Summary	<p>Outreach and Education Events organized by TPCHD</p> <p>Education and Outreach opportunities</p> <ul style="list-style-type: none"> • Webinar: Septic Open House – October 2022 (Septic Open House - October 2022 - YouTube) <ul style="list-style-type: none"> ○ Benefits of Septic Operation and Maintenance ○ Septic system basics and failure identification ○ Septic System Landscape Planning <p>Tacoma-Pierce County Health Department’s Surface Water Activities in Burley Lagoon</p> <ul style="list-style-type: none"> • Burley special sampling was completed on July 13, 2022. It is scheduled to be sampled again in March 2023. • Purdy Creek was sampled in the proximity of a property that was dye tested last fall after a failure was found and high counts in the creek during summer 2021. Dye test was negative and recent sampling (9/1/2022) confirmed that it is not impacting water quality in Purdy Creek at this time. New owners of property in 2022. Have submitted repair application for two properties they own at this location. • BLU002 has been increasing since April of this year. It had one exceedance but the Geometric Mean of the last three samples does not exceed our criteria as a hot spot. We are keeping an eye on this site. <p>Hot Spots</p> <p>BL024 in the NW corner of Burley Lagoon.</p> <ul style="list-style-type: none"> • The two remaining properties are being pursued for an administrative search warrant. <p>No hot spots in 2022</p> <p>Upland Tributary Sampling</p> <p><i>Table 1: Burley Upland Tributary Sampling Results</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">E. coli levels MPN/100 ml</th> <th>Aug-22</th> <th>Sept-22</th> <th>Oct-22</th> <th>Nov-22</th> <th>*Geometric Mean (*406) (last 3 sample dates)</th> </tr> </thead> <tbody> <tr> <td>BLU002</td> <td>214.2</td> <td>410.6</td> <td>310.2</td> <td>260.3</td> <td>321.2</td> </tr> <tr> <td>BLU009</td> <td>159.4</td> <td>131.0</td> <td>58.3</td> <td>149.1</td> <td>104.4</td> </tr> <tr> <td>BLU010</td> <td>71.2</td> <td>70.7</td> <td>20.9</td> <td>69.5</td> <td>46.8</td> </tr> </tbody> </table>	E. coli levels MPN/100 ml	Aug-22	Sept-22	Oct-22	Nov-22	*Geometric Mean (*406) (last 3 sample dates)	BLU002	214.2	410.6	310.2	260.3	321.2	BLU009	159.4	131.0	58.3	149.1	104.4	BLU010	71.2	70.7	20.9	69.5	46.8
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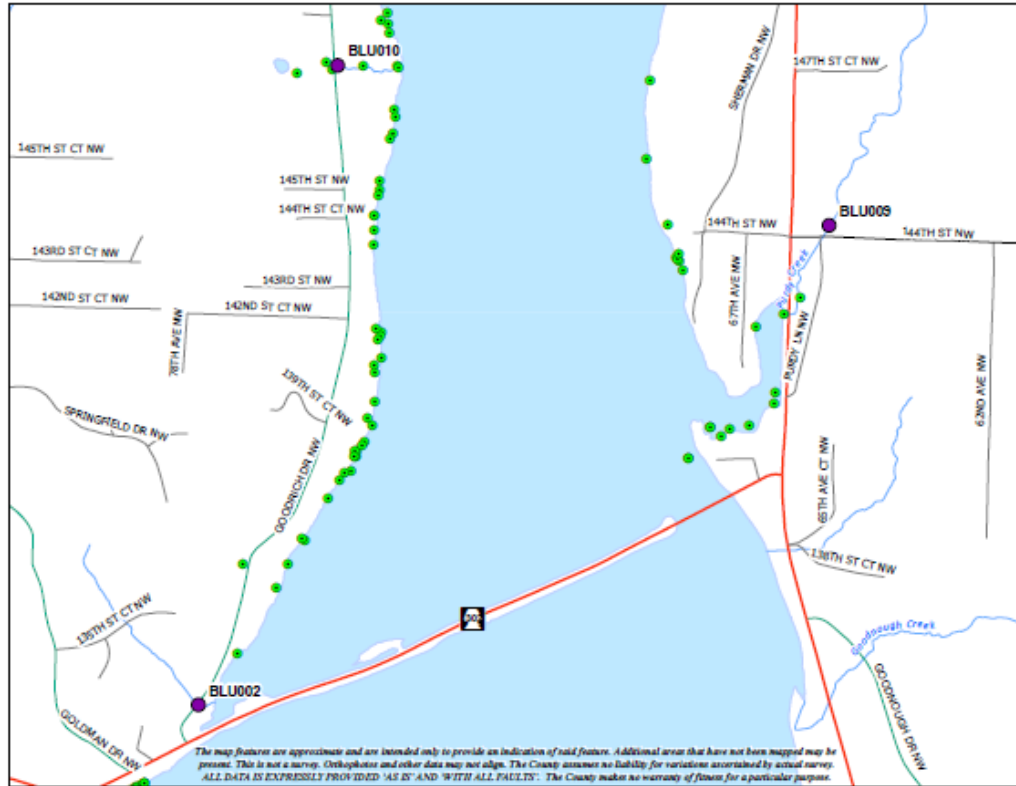
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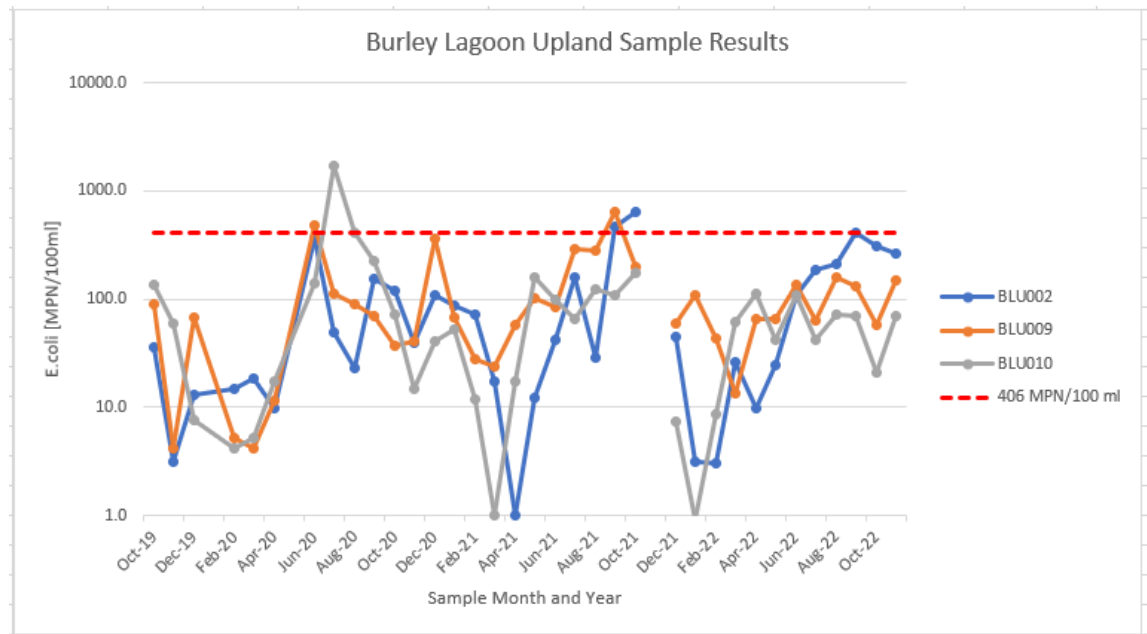
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Map 1: Burley Upland Tributary Sampling Sites



Graph 1: Burley Bay Upland Tributary Sample Results



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	<p>Minter Bay:</p> <ul style="list-style-type: none"> We are going to increase number of sites and see if there is anything we are missing. All Upland sites looking good. Sample where fisherman are located and go up above. Our staff went out with Michael Friese/ DOH for door knocking where we did a Site Risk Assessment. Gave us a chance to do on the ground review of those high-risk properties and possibly touch base with homeowners. We've expanded O&M One site we've found trailer with a discharge pipe of concern. <p>Filucy Bay: Looks good – sampled during dry season in June. Scheduled sampling for wet season next year. Uplands sampled Nov 3rd – all results were below action guidance.</p> <p>Vaughn Bay: Special sampling and 3 sites that exceeded criteria, Vaughn Creek Olsen Road, Boat Launch and SE side – dye test. Working with DOE to craft a letter to VB residents in near future. Will be going out with Sarah -PC to look at SW infrastructure issue.</p> <p>Rocky Bay: Looks good. Wet conditions – walked earlier this year, will walk again. No hot spots. Upland sampling good.</p> <p>002 flow sporadically with a large volume during dry season?? Does anyone have any information?</p>
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Key Points/Decisions:

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Action Items	What	Who	When

Agenda Item	DOH Update
Discussion Summary	<p>Rainfall closure for VB, RB, BL and Minter Bay. All results were OK, Minter a little worse than the others.</p> <p>Burley Lagoon: Looks pretty good – 4 sets for rainfall closure. Station 331 = 15, two restricted stations meet standards. 694 & 772. Take out rainfall data, #'s come down. 334 is problem station – keep an eye on Purdy Creek.</p> <p>Minter Bay: Last 30 samples go up to Sept. Does not have a rainfall condition. Station 881 cannot be classified. Good numbers up until the dry season. The last set of data, station (approved) Numbers: 850 – 70 = failing, 308 – 79 threatened, 881 -49, 307 – 49, 306 – 33, 299 – 49. A lot of wildlife activity in Minter Bay. Chum are going to start to run. Puts it at it was a year ago and meeting standards. First flush.</p> <p>Filucy Bay: One high sample but overall low numbers. New results: 276 prohibited 278 – 79, 279 1.7, 764 – 2.0, 275 – 7.8. Some of the highest results still remain in the dataset. Nothing is failing in conditionally approved area or threatened. Overall, it's mostly decreased.</p>

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	<p>Vaughn Bay: Sampling during rainfall closure event and all low 633 – 7.8, 745 – 7.8, rest were lower. 650 is getting worse, 613 is threatened.</p> <p>Rocky Bay: Rainfall closure sampling St 24.2.0 21 1.7 22- 1.7, 780 1.7. Good results. Last 30 samples pretty low numbers. Station 780 has decreased from 1 year ago.</p>
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Key Points/Decisions:

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Action Items	What	Who	When

Agenda Item	PC Update
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Discussion Summary	<p>Filucy Bay: Jeff Barney – no new news at (Lake Bay Marina) for Mobile Pump out station. Water system questions – Ott water system. 5 connections but also serves Marina. As of Oct 31st, 12,000 effluent pumped and 500 vessels/ 2 boats open boating season may through end of October.</p> <p>Nov 119th Chum Fest in Gig Harbor Restore Americas Estuaries Conf / New Orleans– working on presentation/ Jeff pump out boat presentation and Olympia Oyster project RFP NEP funding for local SEAT – funding package – long-term strategic planning for shellfish resources</p>
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Key Points/Decisions:

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Action Items	What	Who	When

Agenda Item	PCD Update
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Discussion Summary	Have worked with one person in Rocky Bay
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Key Points/Decisions:

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Action Items	What	Who	When

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Agenda Item	DOE Update		
Discussion Summary	Vaughn Bay: S. Vaughn Bay Road /horse operation– not flowing when she was there and will be going out again.		
Key Points/Decisions: <ul style="list-style-type: none">•			
Action Items	What	Who	When