

## DRAFT Vaughn Bay Closure Response Plan – 10/7/2015

Recommendations	Priority (H,M,L)	Notes
<b>Identify</b>		
1. TPCHD		
a. Review RSS (Report of System Status) results when properties change ownership & require As-Built		
b. Perform upland sanitary survey	H	Shoreline has been done
c. Focus on implementation of Operation and Maintenance program in Vaughn area		Not implemented consistently yet
d. Review RME records for Vaughn activities that may indicate possible septic system problems		Respond to deficiency notices
e. Share emergency downgrade, water quality, or closure info with community		Use local internet tree
f. Collect and track additional pollution indicators like chlorine, pesticides, & hormones	H	Could also include MST or indicators like caffeine, surfactants, oil
g. Develop “high hits” response plan		
h. Continue special Vaughn Bay sampling		
i. Investigate Camp Easter Seal swimming pool and septic		
2. PCD		
a. Launch a watershed wide resident “self-testing” water quality educational and monitoring program		Sample for DO, pH, temp, nutrients
b. Complete farm BMP effectiveness sampling		
c. Develop a farm plan baseline for tracking progress		
d. Increase stream team activities in area (trainings and monitoring) & find volunteers for vacant sites		
e. Work with other agencies to access data regarding shoreline habitat and restoration potential		
f. Farm inventory and rating updates		
g.		
3. SWM		
a. Track development and forest practices applications in Vaughn area		Look for trends
b. Conduct stormwater sampling, including during storm events		Coordinate with TPCHD
c. Complete stormwater source control inspections		Coordinate with TPCHD sanitary surveys
d. Inspect Vaughn Bay Elementary and propose retrofits like de-pave or rain gardens	H	Work with Master Gardeners
e. Post summary of sampling results findings online		Part of Annual Report?

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4. Shellfish Partners		
a. Apply for grant funds for incentives for sanitary and farm survey participants		
b. Develop helpful giveaways/reminders for sanitary and farm survey participants		Coffee cards were appreciated
c. GIS modeling for tracking pollutant "hot spots"		
d. Perform annual review at Vaughn Bay team meeting to review trends		
e. Track Canada Goose population		Currently about 50 geese in 3 separate flocks
<b>Correct</b>		
1. TPCHD		Personable staff are key!
a. Establish a baseline for number of septics and failure rates to communicate progress		Part of annual report to community, also include # of systems that are current with their inspection requirements
b. Identify high risk recontamination areas in Vaughn Bay for more frequent sampling and inspection		
c. Establish baseline and targets for timeliness of corrections so we can work to improve response speed		
d. Survey program participants for feedback		Needs to be easy. E-mail or online?
e. Focused mailing on available financial assistance programs		Make more human and approachable
f. Continue rebate program for inspections, pumpings, and riser installations		Work with Shellfish Partners to find funding
2. PCD		
a. Provide matching funds, technical assistance, permit assistance, design assistance, and professional services to property owners installing farm BMP's		Needs to be approachable/understandable for prospective customers
b. Help recipients maximize buffer quality and width		
c. Implement 5 BMP Improvements		
d. Complete a soft armoring pilot project		Help with permitting
e.		
3. SWM		
a. Update stream typing maps in County's GIS system		
b. Review Shoreline Master Program updates & note any potential problems		Share with PALS, local Council representative, and local commission
c. Coordinate compliance efforts between agencies		

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d. Advertise our hotline for people to call		Make sure it covers all water quality issues.
e. Inspect recent clearing and grading activities for compliance		
f. Investigate funding sources to implement stormwater BMP's		
g. Install pet waste stations at the boat launch and on the Vaughn Bay Sandspit		
h. Inspect roadside ditches for erosion potential & recommend repairs/check dam placement		Start with 92 <sup>nd</sup> /shortcut road
i. Investigate roadside spray on 184 <sup>th</sup> & recommend management changes to road shop		
j. Inspect Vaughn Elementary stormwater system and propose potential projects like raingardens		
4. Shellfish Partners		
a. Update community on implementation of correction efforts		Website? Newsletters?
b. Host regular meetings to review progress toward corrections		Every other month at first, then quarterly
c. Coordinate grant application efforts to fund corrections		
d. Provide financial assistance for septic repairs, farm BMPs, & stormwater projects		
e. Find funding sources and advertise their availability to potential grant recipients		
f. Find money for BMPs with fewer restrictions		
g. Work with code enforcement and community services to address problems caused by homeless		S. Vaughn area
<b>Prevent</b>		
1. TPCHD		
a. TPCHD newsletter to septic industry		
b. Offer septic workshops		With incentives
c. Attend local fairs/events with displays/information		
d. Do public opinion surveys of Vaughn residents of both awareness of problems and of the effectiveness of available programs		Work on increasing response rates
e.		
2. PCD		
a. Offer farm inspections, resource recommendations (or Conservation Plans), soil samples, fertilizer strategies and manure removal options		
b. Collect feedback from participants		

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c. Increase educational workshops, equipment rental, and guidance materials available for rural landowners and farmers.		
d.		
3. SWM		
a. Complete Stormwater inspection sweep (IDDE)		
b. Add SWM to PALS notification lists for projects in Vaughn drainage area		
c. Ask PALS to present on SMP and Critical Areas Ordinances update at Vaughn Bay team meeting		Discuss how to report potential violations
d. Review erosion control standards for bulkhead projects		
e. Identify potential stormwater projects like checkdams, raingardens, etc.		
f. Offer education for pesticide (indoor and out), carpet cleaners, contractors, and mold control companies		Need to behave differently on shoreline properties!
4. Shellfish Partners		
a. Host fair booths at local events &/or set up display at the Library		
b. Send post card updates to area residents – maybe include with tax statements		Need to be interesting!
c. Offer general water quality workshops (Vaughn Bay University)		
d. Offer shellfish tissue sampling and advertise really well		Work with existing Sea Grant program
e. Offer shellfish gardening training		Be clear that some may not be safe to harvest
f. Run environmental stewardship advertisements in the Key Peninsula News or provide columns		
g. Provide an <i>Annual Report</i> to Vaughn residents at the beginning of summer		Need to coordinate with other “Tracking” related actions
h. Identify priority areas for conservation		
i. Identify areas for shoreline and streamside restoration pilot projects		
j. Offer Canada Goose workshop and pilot goose deterrent project		
k. Hold Vaughn Bay team meetings – share data and activity updates		Start with every-other-month then go to quarterly
l. Present Vaughn Bay work plan to the Alliance for a Healthy South Sound (AHSS)		
m. Provide “What’s a Watershed?” education starting with Vaughn Elementary		
n. Inventory type and quantity of shellfish species found in Vaughn Bay		See if Squaxin Tribe has already done this
o. Develop performance measures (outputs and outcomes) to evaluate progress and make them understandable		

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p. Offer professional workshops for landscapers		Work with Master Gardeners
q. Offer professional workshops for Realtors so they have a clear understanding of the Shoreline Management Act, septic system limitations and reasonable waterfront property uses		
r. Host a boater education event		Time with Olympia Yacht Club annual visit (last weekend of September?)
s. Distribute Homeowner's Guides (Shore Stewards and PCD booklets)		
t. Survey Vaughn Bay pet population do we know what level of service is needed.		