

Follow up items from December 7th BAC meeting

1. How long will it take the Portland Water Bureau to license the lab to meet OHA standards?

Answer: It will take the Bureau at least 18 months to get licensed.

2. What is the life cycle cost of the new lab equipment?

Answer: approx 10 years

3. In the LT2 Variance Budget, how much would it be to do only what OHA has described in the proposed order?

Answer: \$806,196 in annual O&M. Zero capital dollars.

LT2 Variance Minimum Budget Items - OHA's Draft Conditions

Base Costs - annual			
1	Personnel		
a	Environmental Program Manager	\$	136,788
b	Environmental Program Specialist (Monitoring coordinator)	\$	94,162
c	Environmental Technician II (Sampling and data analysis)	\$	93,649
	SubTotal	\$	324,599
2	Cryptosporidium Analysis		
a	Intake (Std Method, 4x/wk for 8 months)	\$	70,000
b	Intake (Modified, 20x/wk for 4 months)	\$	176,800
c	Intake Matrix Spikes (up to 60/year)	\$	31,200
	SubTotal	\$	278,000
3	Other		
a	Operating Supplies	\$	18,000
b	Misc., Copy/Print/Bind, telecom, other.	\$	3,597
c	Fleet vehicles (2) - lease, fuel, maintenance	\$	12,000
d	Shipping	\$	120,000
e	Method 1623 modifications	\$	50,000
	SubTotal	\$	203,597
	Total Base Costs	\$	806,196

4. What is the risk of not conducting additional monitoring and research in support of the variance?

Answer: See enclosed memorandum from Zoe Rodriguez del Rey for detailed description of purpose of additional proposed monitoring and research and potential consequences of doing nothing more than monitoring as per OHA's proposed order.

5. What is the per square foot allocation of the Water Bureau's share of the ECC? What is the projected cost per square foot?

Answer: The total square foot for the City of Portland Emergency Communications Center is 28,540 and it will cost \$360 per square foot.

6. What is the proposed square footage for the Interstate facility? What is the projected cost per square foot?

Answer: The total square foot for Portland Water Bureau Interstate Renovation Project is 93,111 and it will cost \$374 per square foot.

7. Is protection from New Zealand mussels and Whirling Disease part of the invasive species plan?

Answer: Since 2009, the Water Bureau has implemented the Bull Run Watershed and Sandy River Basin Aquatic Invasives and Nuisance Species Standard Operating Protocol for decontamination of boats and equipment coming into the Bull Run Watershed Management Unit (BRWMU). This SOP highlights the need for a permanent equipment wash station for the decontamination of all boats and equipment coming into the Bull Run Watershed in order to prevent introductions of aquatic invaders- including zebra/quagga mussels, New Zealand mudsnails and whirling disease. Currently, the Water Bureau is developing an Invasive Species Management Plan for the BRWMU. The plan identifies an approach for early detection and control of 28 high priority invaders which occur in either aquatic or terrestrial environments.

See attached Aquatics Invasives SOP.