

CVWPCC odour & EQ basin

Presentation to the Sewage Advisory
Committee

3/12/2019



Comox Valley
REGIONAL DISTRICT

April 16 follow up

1. January 2017 report to Sewage Commission included ambiguous language, some of which implied that recommended odour improvements would allow facility to achieve Ontario standard
2. May 2019 staff report, on your agenda, implied that sewage commission directed staff to undertake follow up study
3. Until April 2019 CVRD website underplayed level of complaints from neighborhood, including statement that around 10 complaints were received per year

April 16 CRRA concerns

1. Continued concerns surrounding odour, specifically from the bioreactors.
2. Location of the equalization (EQ) basin proposed for construction at the Comox Valley Water Pollution Control Centre (CVWPCC).

Odour control

- Long and convoluted history
- However since 2016 methodical approach
 - 2016 – odour study
 - 2017 – design and tender scope to reduce odours by >80%
 - 2018 – installation
 - 2019 – follow up odour study and decision on further action if required
- Law of diminishing returns
 - Resolving remaining <20% estimated at \$3-\$5M
- Covering bioreactors likely nec. to meet Ont. Standard

EQ basin

- Urgently needed
- Shift back to original location has significantly reduced costs and constraints on future expansion of plant
- Will only be used a handful of times per year and residents likely won't ever see it in operation
- Procurement will start this month
- Regular updates to residents
- Construction finished by Nov 2019



3/12/2019

Landscaping plan

- Excavated soil from EQ basin to be used to build berms
 - restore and improve visual barrier and reduce funnel effect
- Staff to develop draft landscape plan for berms
- Consult with CRRA to ensure plan will satisfy concerns



Communications protocol

- To be developed in consultation with residents to:
 - Formalize notifications re ops and odour impacts
 - Minimum timelines
 - Method of communication
 - Who to communicate with
 - Update to website to make it easy to find information on odour and make a complaint
 - Include process for tracking and reporting odour complaints
- Once finalized, will become policy to ensure continuity

LWMP Public Consultation Plan

QUESTIONS?