



**Gold Bar Wastewater
Treatment Plant
Presentation to Capilano
Community League
June 16, 2021**



AGENDA

- COVID Update
- 2021 Activities and Construction
- Odour Update and PBR 2022-24 Process and Preview
- SSSF Update
- Future Engagement
- QA



COVID-19 UPDATE



OUR RESPONSE TO COVID-19

- We continue to deliver safe and reliable wastewater treatment operations at the GBWWTP.
- We've adapted our approach in some areas by reducing some activities to protect the health of our employees and customers by maintaining physical distancing measures.
- EPCOR has emergency response and business continuity plans in place to guide our organization during times like this.
- Currently, we plan to bring most of our staff back to offices this fall.

2021 CONSTRUCTION AND ACTIVITIES



ENHANCED PRIMARY TREATMENT SCRUBBER BUILDINGS

- We are installing two additional Enhanced Primary Treatment (EPT) Scrubbers in a new building shown in the rendering to the right.
- Construction has started on this project and we anticipate that the building will be constructed by early 2022.



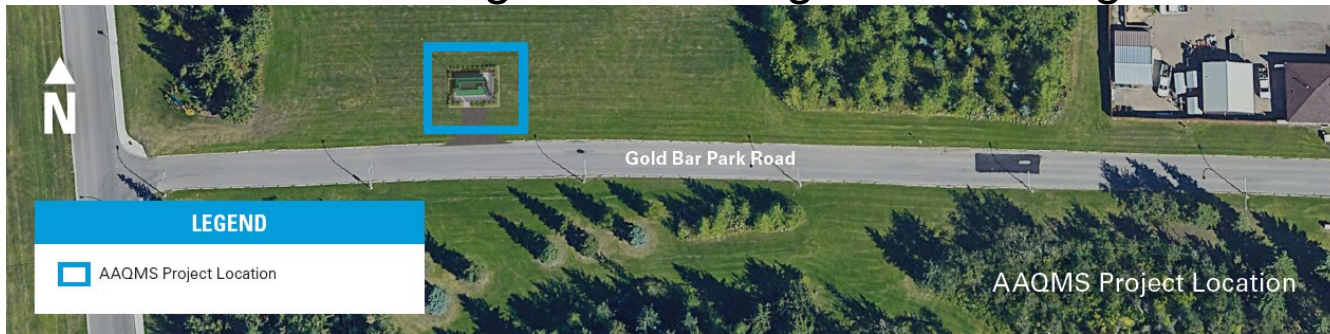
UTILIDOR PROJECT

- Drainage work required at the entrance of the GBWWTP.
- Discussed with Community Liaison Committee (CLC).
- Work started in April 2021. Construction completion planned for this Summer.
- The COE is also working on upgrades to Capilano Park. This work is unrelated to EPCOR's activities.
 - As a result, access to the boat launch and Capilano Park parking area is not currently available.



AIR QUALITY MONITORING STATION

- Collaborated with the community about this project since 2019.
- Those walking past the GBWWTP will notice informational signage about the wastewater treatment process on our fenceline and going forward some additional signage on the fence near this new monitoring station.
- Also in recognition of Indigenous heritage in Edmonton, EPCOR will be issuing a request for proposals to adorn the small structure or site with Indigenous artwork in recognition of Indigenous heritage in Edmonton.



CONTRACTOR FACILITIES

- We will be organizing contractor facilities on the east end of our facility, providing utilities to the area and installing two light standards within the project area shown below.
- Site grading and utility installation will begin this summer and will be complete by the fall.



SOUTH PEDESTRIAN GATE PROJECT

- Based on what we heard during community engagement, EPCOR is proposing a wooden staircase with handrails (typically found in the river valley) to improve the safety of tour groups and visitors to site.
- This project requires the approval of City Council.
- Construction planned to start in spring of 2022.





ODOUR SPOT MONITORING UPDATE



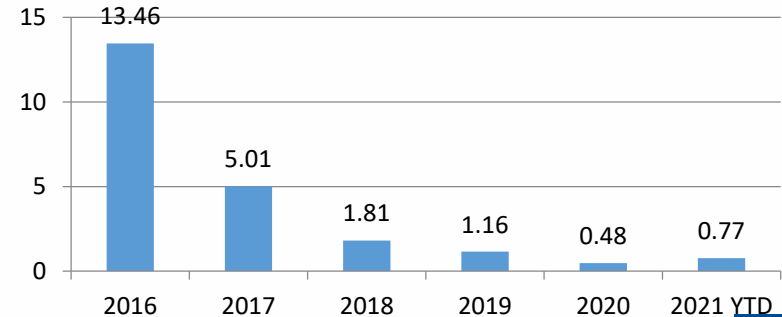
FENCELINE MONITORING

- To ensure reliable, responsible and sustainable operations, we are completing some maintenance activities later this summer on one of our Digesters on site.
- Last year of construction planned for diversion structure at entrance of the facility.
- If you notice odours in the area, please contact us at 780-412-4500 and leave your name and contact information.
- We will look into your odour report and get back to you to provide additional information about your observation.
- The readings in 2021 are slightly higher than this point in time last year, but we expect the average will drop throughout the remainder of the year.



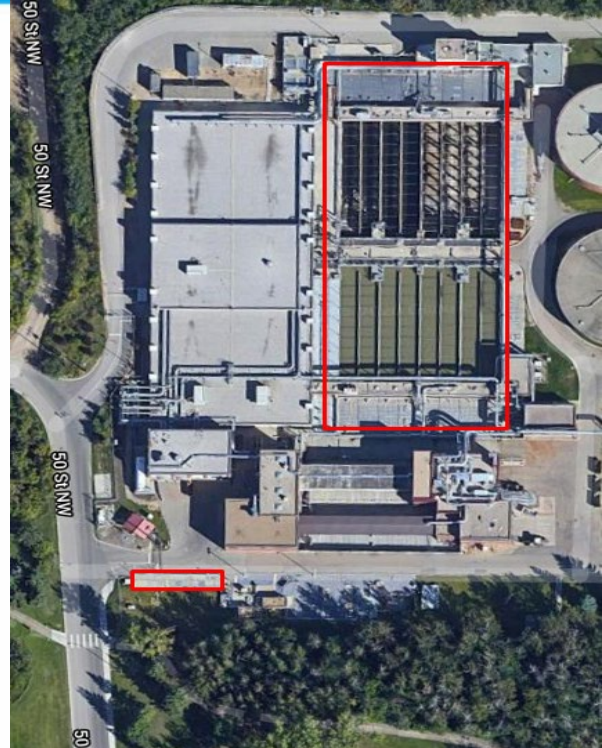
Gold Bar Fence Line H₂S Monitoring

(Annual Average of All Spot Samples, in parts per billion)



PBR APPLICATION – ODOUR CONTROL IMPROVEMENTS PROJECT

- Performance Based Regulation (PBR) has been filed with the COE.
- In alignment with Quality of Life Shared Outcome Statement, project included to address emissions from diversion structure and/or primary clarifiers.
- EPCOR is exploring a number of different design solutions.
- Engagement planned in 2022/23 and expected In-Service Date is 2024.





SANITARY SERVICING STRATEGY FUND - GOVERNANCE UPDATE



EXECUTIVE COMMITTEE DECISION

■ What are the next steps?

- COE to implement new governance model
- EPCOR to update map to reflect both options for SESS

■ Future planning

- Sanitary Sewer System Integrated Resource Plan (SanIRP) just being kick-off
- Process will include public consultation consistent with COE policy # C593
- SanIRP will be presented to Utility Committee later in 2022
- Gold Bar IRP relies on inputs from SanIRP.
- Gold Bar IRP will be updated and presented to Utility Committee, likely in 2022 or 2023 (in parallel or immediately following SanIRP)
- This process will repeat itself for each PBR

That Executive Committee recommend to City Council:

1. That Administration implement refined option 1, as outlined in the May 10, 2021, Urban Planning and Economy report CR_6671rev.
2. That Administration work with EPCOR to update the map in Attachment 1 of the May 10, 2021, Urban Planning and Economy report CR_6671rev to reflect that a variety of lines are possible.

In Favour (5): D. Iveson, S. McKeen, T. Cartmell, S. Hamilton, and M. Walters

Carried (5 to 0)



FUTURE ENGAGEMENT



COMMUNITY ENGAGEMENT

- Held two Community Liaison Committee meetings this year. Two more planned for 2021.
- Community newsletter distributed in the winter and one hitting mailboxes in June.
- Virtual open house planned for this fall – stay tuned for details!
- We look forward to getting involved in Community events again in 2022.
- If your community league is planning any events, please reach out to discuss sponsorship opportunities.



Craig Bonneville
Director, Edmonton
Wastewater Treatment Plant

A NOTE FROM CRAIG

Happy Summer! Although we are still dealing with the COVID-19 pandemic, I hope that you have the opportunity to spend lots of distanced, quality time outdoors with family and friends this spring and

summer. I plan to do the same by biking through the River Valley, perfecting my BBQ skills and camping with my family. All of us at EPCOR hope you and your family are keeping happy and healthy during the second year of this pandemic.

2021 CONSTRUCTION UPDATES

We have a busy year of construction planned at the Gold Bar Wastewater Treatment Plant (GBWWTP). In accordance with our Shared Outcomes, Design Principles and Community Engagement Framework created by EPCOR and the community around the GBWWTP, we wanted to provide you with some information about upcoming activities. Although we may have some temporary construction activities outside of our fence line this summer, **we remain committed to keeping our ongoing operations within the existing footprint of the GBWWTP through to at least 2060.**

Generally, our construction hours are from Monday to Saturday from 7:00 a.m. to 7:00 p.m. and activities comply with the City of Edmonton's Community Standards Bylaw for Noise Control. Although you may notice more company vehicles, crews and equipment near the facility we don't anticipate that construction will result in increased traffic along 50th street.

QUESTION AND ANSWER PERIOD

