

**IWWTP – Marine Users Group Meeting**  
**Monday, November 14, 2022 – 3:00pm – 4:30pm**

Zoom Meeting Link:

<https://ca01web.zoom.us/j/64343054615>

**AGENDA**

<b>Agenda Items</b>
1. In-Water Geotechnical Investigations Overview
2. Marine Staging & Communications Plan
3. Marine Communications and Next Steps

**IWWTP – Marine Users Group Meeting**  
**Monday, November 14, 2022 – 3:00pm – 4:30pm**  
**Meeting Platform: Zoom Meeting**  
**Draft Minutes**

Attended: Michelle Candido (Metro Vancouver) Daniel Leblond (IWWTP Claire Gautier (IWWTP), Russ Tyson (Typlan Planning and Management), Tina Chiu (Metro Vancouver), Jenny Minford (Stantec), Edward Evans (external), John Cameron (Geotech Drilling prime Contractor), Ian Shandler (Towing and Marine Carriers filling for Paul), Ferdi van de Kuijlen (Ledcor), Conal Kavangh (Transport Canada), Nathan Smith (Port of Vancouver), Madison (Mercury Transport), Emily Bickel (IWWTP)\*

\* Minutes of meeting by Emily Bickel

**1. In-Water Geotechnical Investigations Overview**

- Michelle welcomed everyone to meeting and gave land acknowledgement
- Purpose of today's meeting is to review the marine staging and communication plan for the in-water geotechnical investigations in the North Arm of the Fraser River
- An overview of IWWTP project includes tertiary treatment ecological restoration projects, build climate resiliency, resource recovery opportunities, and extensive ground improvements to improve seismic resiliency
- Daniel provided overview on geotechnical investigations
- Will start November 22, 2022
- Geotechnical drilling to inform infrastructure planning, project design, seismic investigations
- Seismic cone penetration testing (11 locations)
- Three locations mud rotary locations
- All geotechnical investigative locations in the North Arm Fraser River are positioned outside of navigation channel
- starting November 22 and will go for 2 weeks it will operate 24hours a day 7 days a week all work will comply with city of Richmond bylaws
- Ferdi – Will there be any barge lighting during dark hours? – Contractor response: light will on the barge and running 24/7
- Ferdi – Will you be providing scour lights speed restrictions?
- Ferdi – Will you be providing Marine Communications Plans? Metro Vancouver response: Yes, we can follow up with a communications plan
- Ian – is that a spud barge? – Metro Vancouver response: Yes, barge will be spudded down

- Daniel there could be some noise while doing work when collecting samples there will be some hammer strikes that will be needed. Metro Vancouver will be putting up some baffling and activity targeting noise generating will be in the day to avoid at night
- There will be portable light towers at night and lighting will be upstream not shining at homes
- An overview of project schedule north arm only 2 Seismic Cone Penetration tests per day might be earlier
- Due to close proximity to navigation channel and asking vessels to go slow will be having assist tug on standby will do all except 3 in middle first so team can get used to area then will do area with assist tug (1000 horsepower) it will be at cost for the project
- 2-day gap is in MacDonald slough then swap out equipment each of mud rotary testing will take 48 hours only start a new location during the day. Noise hours to comply with City of Richmond noise regulations
- Geotechnical work will meet environmental conditions receive DFO permit and Water Sustainability Act authorization, and transport Canada
- Navigation requirements:
  - marine communications staging plan
  - Marine communication plan
- Daniel went over Seismic Cone Penetration test area:
- Test 21-01 happen off stern of the barge have assist vessel
- 21-03 – away from navigation channel
- 21-05 – outside navigation channel
- 21-06 – near golf course
- 21-08 – last location not requiring asset tug
- 21-02 - assist tug
- 21-04 - single test assist tug
- 21-07 - last seismic test location in north arm
- Borehole test 21-07 will be in place for approximately 2 days the rest 12 hours or less to complete
- Can staging plans get circulated? Yes, certainly.

## **2. Marine Staging & Communications Plan**

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### **3. Marine Communications and Next Steps**

- Already had pre-project marine communication group meeting held on June 20, 2022
- Notice distributed to Musqueam, nearby residents, and recreational users
- Communicating through VSMS channel 4
- No wake signs on all construction equipment
- All marine traffic 20m from project barge
- Metro Vancouver will incorporate feedback
- Are you considering working near navigation channel during reduced visibility?
- Ultimately up to barge contractor if bad fog will need to shut down if severe weather then another reason will be moving out of the way. Expectation is that safety comes first
- Any other thoughts comments or questions?
- Michelle happy to distribute communications plans to all on the call
- Michelle to follow up with communications and staging plan

**Meeting adjourned at 3:29pm**