



## Addendum #1 – RDBN-ENV-26-01 – Knockholt Landfill Monitoring Well Installation

### Questions and Answers

April 15, 2026

1. Within the document, it notes 6 shallow groundwater wells to be installed but then only lists 5.

**Question:** We would like to confirm the missing groundwater well is MW-7B.

**Answer: Correct. MW-7B is the 6th shallow Well.**

2. A range of 5-10 mgs and 18-23 mbgs has been listed for the shallow and deep wells, respectively.

**Question:** For budgeting purposed, should it be assumed to drill to the maximum possible depth?

**Answer: Yes**

3. **Question:** Is there a defined refusal depth for the boreholes if bedrock is encountered?

**Answer: This will depend on the targeted aquifer. It is highly unlikely that we will encounter bedrock, as there is deep basal clay in the region.**

4. **Question:** For Monitoring well locations 8, 9 and 10 where both a shallow and deep well will be installed, should they be installed in the same borehole or in separate boreholes?

**Answer: Separate boreholes. Three to five meters apart**

5. **Question:** Is any soil sampling required for the monitoring well boreholes? If so what depths?

**Answer: Budget for sampling one MW borehole to 10m depth**

6. **Question:** Are any groundwater measurements required in the following days/weeks after the installation of the monitoring wells? If so, how often?

**Answer: No**

7. **Question:** Is any lab testing required for the 2 x 20 m boreholes?

**Answer: The RDBN and the Consultant will be responsible for lab testing**

8. Question: Is simple grab sample sufficient for the 2 x 20 m boreholes or is specialized sampling (i.e. SPT, Shelby tube) required?

**Answer: Budget for: Five (5) grab samples per borehole, two (2) vane shear tests (ASTM D2573) or SPT (ASTM D1586) depending on material per borehole, two (2) Shelby tube samples per borehole**

9. Question: At what depths should sampling be completed for the 2 x 20 m boreholes?

**Answer: This will depend on the soil profile, but assume:**

**Grab samples will be at regular intervals fx. 1m, 5m, 10m, 15m,20m  
Vane Shear/SPT 2m and 10m  
Shelby Tubes 1m and 9m**

10. The RFI mentions that the sonic rig must be capable of performing SPTs and Nilcon Vane Testing.

- 10.1 Question: How many boreholes require SPTs and at what intervals?

**Answer: See above**

- 10.2 Question: How many boreholes require Nilcon Vane Tests and at what intervals?

**Answer: See above**

11. One (1) monitoring well (MW-2A/B) requires decommissioning. The Well consists of a deep well and a shallow well which are screened at approximately 20 mbgs and 9 mbgs respectively, and are located in the same borehole. These Wells must be removed and the borehole must be backfilled with bentonite chips.

- 11.1 Question: Must the contractor use a licensed water well driller to perform the decommissioning as stated in the BC GWPR?

**Answer: Yes**

- 11.2 Question: Does a well decommissioning report need to be filed on behalf of BVRD or is the regional district handling this?

**Answer: The Driller must complete this report**

- 11.3 Question: Does the well casing need to be pulled?

**Answer: Yes**

- 11.4 Question: Can the well be decommissioned according to BC GWPR using a 3-foot bentonite seal, clean gravel, alternating to the surface?

**Answer: No. it must be filled entirely with bentonite**

**12. Cuttings, Fluids, and Water**

Could you please confirm how drill cuttings and drilling fluids are expected to be managed (e.g., placed onsite versus disposed of offsite), and whether disposal is the responsibility of the contractor or the Regional District?

**Answer: RDBN will dispose of cuttings**

**13. Will water be available onsite, or should the contractor plan to supply all required water?**

**Answer: Contractor must supply all water. There is a fill station in the District of Houston**

**14. Site Access & Logistics**

The RFP notes that a tracked sonic rig is required and that access will be prepared for the drill rig. Can you confirm whether pickup truck access will also be available to the borehole locations, or if access will be limited to tracked equipment only?

**Answer: Pickup access to the majority of locations will be available, however, MW5 and MW6 do not have formal roads and are not accessible with a pickup unless conditions are dry.**

**15. If pickup access is not available, do you have an estimate of the distance from the nearest vehicle access point to the boreholes? This will help us determine whether additional support equipment (e.g., UTVs or tracked auxiliary units) will be required for moving fuel, water, and personnel.**

**Answer: MW5 – 25m, MW 6 - 200**

**16. Working Hours**

Please confirm the expected working hours and whether weekend work is permitted. For scheduling and costing purposes, can we assume 12-hour workdays, or should a different work window be used?

**Answer: 12 hour days is fine. Weekend work is fine**

**17. Drilling Conditions & Testing**

Do you anticipate encountering bedrock at any of the borehole locations? If so, is there a preferred approach for drilling or termination?

**Answer: See question 3 above.**

**18. Are sonic core boxes required for sample storage?**

**Answer: No**

**19. Please confirm the anticipated Nilcon vane shear testing frequency per borehole.**

**Answer: See Question 9**

20. Please confirm the required SPT sampling frequency.

**Answer: See question 9**

21. Decommissioning & Reporting

**Answer: See question 11**

22. The RFP indicates that monitoring well MW-2A/B is to be removed and the borehole backfilled with bentonite chips. Can you confirm whether the intent is to remove the existing well by cutting and pulling the PVC casing prior to backfilling, or by over drilling the well prior to backfilling?

**Answer: If the casing cannot be pulled, it may be necessary to drill it out. See Question 11**

23. Please confirm the required reporting deliverables and any preferred formats, including borehole logs, well construction records, decommissioning documentation, daily drilling logs, and GHG fuel-use reporting.

**Answer: The Driller must file the construction and decommissioning reports to the provincial database and to the RDBN.**

**Daily drilling logs can be included with invoices.**

**GHG reporting as per section 20 of the RFQ. No specific format is required**

24. Permits & Insurance

Sections 17 and 30 note that the contractor is responsible for providing all required permits. Could you clarify whether any site-specific or landfill operational permits will be provided by the Regional District, with the contractor responsible for business-related permits such as drilling licences?

**Answer: No site-specific permits are required.**

25. The RFP includes a requirement for Professional Liability Insurance. As the scope of work does not include professional or engineering services, could this requirement be waived or excluded for the drilling contractor?

**Answer: No, this cannot be waived. It is assumed that all contractors would carry liability insurance in the case of accidental damage to property or persons.**