

KBL Environmental Ltd.
Soil Treatment Facility
Norman Wells, Northwest Territories



2023 Annual Report

Submitted To: Sahtu Land and Water Board
Licence Number: S18L1-002
Version Number: V.1.0

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1.0 INTRODUCTION

1.1. Project Information

Corporate Office

KBL Environmental Ltd.
17 Cameron Road, Box 1895
Yellowknife, NT X1A 2P4

Project Location

Norman Wells Upper Industrial Area
12 Refinery Road
Norman Wells, NT
Lot: 2244, Plan: 485
Coordinates: 65.282364, -126.746136

KBL Environmental Ltd.'s (KBL) Norman Wells Soil Treatment Facility (the Facility) received Water Licence S18L1-002 on November 18th, 2018 which expired on November 18, 2023. Construction and operations have not commenced. KBL applied for and was issued a renewal Permit (S23L1-001) on December 15, 2023. It is anticipated that construction will begin in the spring of 2025. Construction may occur sooner or be delayed depending on the availability and volume of contaminated soil to be treated.

1.2. Purpose

This document fulfills the annual reporting requirements under Part B (16) and Schedule 1 of Water Licence S18L1-002.

2.0 LICENCE SCHEDULE 1 – ANNUAL WATER LICENCE REPORT

1.a) Updates or revisions to the Engagement Plan referred to in Part B

There were no updates or revisions to the Engagement Plan referred to in Part B during 2023. An updated draft plan was submitted to the water board with revisions due in 2024.

1.b) A summary of Construction, Modifications, and/or maintenance activities at the Soil Treatment Facility referred to in Parts E and F

There were no construction, modifications, or maintenance activities at the Facility in 2023 as it has not been constructed.

1.c) Updates or revisions to the Waste Management Plan referred to in Part G

There were no updates or revisions to the Waste Management Plan referred to in Part G in 2023. An updated draft plan was submitted to the water board with revisions due in 2024.

1.d) Updates or revisions to the Soil Treatment Facility Operations and Maintenance Plan referred to in Part G

There were no updates or revisions to the Soil Treatment Facility Operations and Maintenance Plan referred to in Part G in 2023. An updated draft plan was submitted to the water board with revisions due in 2024.

- 1.e) Details and results of the Environmental Monitoring Program, referred to in Part G, including, but not limited to: monitoring location (GPS coordinates); inspection results, depths, frequency of monitoring events, flow direction, chemical parameters tested, and data analysis**

Environmental monitoring did not take place in 2023 as the Facility has not been constructed.

- 1.f) Reporting of Action Level exceedances and actions taken during the year as identified in the Groundwater Monitoring program**

The Facility is not constructed; therefore, no groundwater monitoring took place in 2023.

- 1.g) Monthly and annual quantities in cubic meters of all effluent discharged from the Soil Treatment Facility**

There were no discharge events in 2023 as the Facility has yet to be constructed.

- 1.h) Origin of contaminated soil and water accepted at the facility, the volume accepted from each source, the total volume treated, and the final destination for the remediated soils**

No soil or water was received at the Facility in 2023 as the Facility is not constructed.

- 1.i) Volume and analytical results of snow accepted at the Soil Treatment Facility**

No snow was accepted at the Facility in 2023. The Facility has not been constructed.

- 1.j) Volume and analytical results of soils accepted at the Soil Treatment Facility**

No soil was accepted at the Facility in 2023. The Facility has not been constructed.

- 1.k) Volume of soil removed from the facility, the locations of the receiving sites, and the land use activity occurring at each receiving site location. Analytical results must include soil chemistry and soil particle size**

No soil was accepted, treated, or removed from the Facility in 2023. The Facility has not been constructed.

- 1.l) A description of the facility layout and location of contaminated soils including operational details (how the contaminated soil was tilled and dates of tilling)**

The Facility has yet to be constructed, therefore, no activity took place in 2023.

- 1.m) Contravention reports, if applicable**

Not- applicable, there were no contraventions in 2023.

- 1.n) Tabular summaries of all data generated under the Surveillance Network Program (SNP), including a comparison with the Effluent Quality Criteria specified in the Licence**

There was no data generated under the SNP in 2023, the Facility has not been constructed.

- 1.o) A sampling and analysis plan for the following year**

The Facility is not expected to be constructed and operational in 2024, no sampling is planned.

1.p) Record of inspections of the Soil Treatment Facility

The Facility has not been constructed so there were no inspections in 2023.

1.q) Updates or revisions to the Spill Contingency Plan referred to in Part H

There were no updates or revisions to the Spill Contingency Plan referred to in Part H during 2023. An updated draft plan was submitted to the water board with revisions due in 2024.

1.r) A list of spills or Unauthorized Discharges

There were no spills or Unauthorized Discharges in 2023.

1.s) Updates or revisions to the Closure and Reclamation Plan referred to in Part I

A Closure and Reclamation Plan referred to in Part I has not been developed. As per the permit requirements, within one year following the commencement of activities, KBL shall submit to the Board, for approval, a Closure and Reclamation Plan.

1.t) Any other details on Waste disposal requested by the Board by November 1 of the year being reported

No additional details on Waste disposal were requested by the Board by November 1, 2023.