

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



**2019 Annual Report**

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Submitted To: Sahtu Land and Water Board

Licence Number: S18L1-002  
V1

March, 2020

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## 1.0 INTRODUCTION

### 1.1. Project Information

Licensee:

KBL Environmental Ltd.

Corporate Office:

17 Cameron Road

P.O. Box 1895

Yellowknife, NT X1A 2P4

Project Location:

Norman Wells Upper Industrial Area  
12 Refinery Road  
Norman Wells, Northwest Territories

Legal Address Lot: 2244 Plan: 485  
Coordinates: 65.282364, -126.746136

KBL Environmental Ltd.'s (KBL) Norman Wells Soil Treatment Facility (STF) received Water Licence S18L1-002 on November 19, 2018. Construction and operations have not commenced. It is anticipated that construction will begin in Spring of 2022. 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 annual reporting requirements under Part B (16) and Schedule 1 of Water Licence S18L1-002.

## 2.0 LICENCE SCHEDULE 1 – ANNUAL WATER LICENCE REPORT REQUIREMENTS

### 2.1. Schedule 1 Item 1a: Updates or revisions to the Engagement Plan referred to in Part B:

There were no updates or revisions to the Engagement Plan in 2019.

### 2.2. Schedule 1 Item 1b: 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 or modifications or maintenance activities at the Facility in 2019. The Facility is not constructed yet.

### 2.3. Schedule 1 Item 1c: Updates or revisions to the Waste Management Plan referred to in Part G:

There were no updates to the Waste Management Plan in 2019.

### 2.4. Schedule 1 Item 1d: Update or revisions to the Soil Treatment Facility Operations and Maintenance Plan referred to in Part G:

There were no updates to the Soil Treatment Facility Operations and Maintenance Plan in 2019.

**2.5. Schedule 1 Item 1e: Details and results of the Environmental Monitoring Program, referred to in Part G:**

The facility is not yet constructed; therefore, no environmental monitoring took place in 2019.

**2.6. Schedule 1 Item 1f: Reporting of Action Levels exceedances and actions taken during the year as identified in the Groundwater Monitoring Program:**

The facility is not yet constructed; therefore, no groundwater monitoring took place in 2019.

**2.7. Schedule 1 Item 1g: Monthly and annual quantities in cubic meters of all effluent discharged from the Soil Treatment Facility:**

There were no discharge events in 2019 as the facility has yet to be constructed.

**2.8. Schedule 1 Item 1h: 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 2019 as the facility is not yet constructed.

**2.9. Schedule 1 Item 1i: Volume and analytical results of snow accepted in the Soil Treatment Facility:**

No snow was received at the Facility in 2019 as the facility is not yet constructed.

**2.10. Schedule 1 Item j: Volume and analytical results of soils accepted in the Soil Treatment Facility:**

No soil was received at the Facility in 2019 as the facility is not yet constructed.

**2.11. Schedule 1 Item k: Volume of soil removed from the facility, 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 removed from the Facility in 2019 as the Facility is not yet constructed.

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

The Facility has yet to be constructed, therefore no activity took place in 2019.

**2.13. Schedule 1 Item m: Contravention reports, if applicable:**

Not Applicable – Facility has not been constructed.

**2.14. T Schedule 1 Item n: Tabular summaries of all data generated under the Surveillance Network Program, including a comparison with the Effluent Quality Criteria specified in the Licence:**

There was no data generated under the SNP in 2019, the facility has not yet been constructed.

**2.15. Schedule 1 Item o: A sampling and analysis plan for the following year:**

The Facility is not expected to be constructed and operations in 2020.

**2.16. Schedule 1 Item p: Record of inspections of the Soil Treatment Facility:**

No inspections were conducted in 2019 as the Facility is not yet constructed.

**2.17. Schedule 1 Item 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 in 2019.

**2.18. Schedule 1 Item r: A list of spills or Unauthorized Discharges:**

There were no spills or Unauthorized Discharges in 2019.

**2.19. Schedule 1 Item s: Updates or revisions to the Closure and Reclamation Plan referred to in Part I:**

No updates or revisions to the Closure and Reclamation Plan in 2019 as the facility is not yet constructed.

**2.20. Schedule 1 Item t: Any other details on waste disposal, requested by the Board on or before November 1 of the year being reported.**

Not Applicable

