



REGIONAL DISTRICT NORTH OKANAGAN

2020 Annual Report: Ashton Creek Diversion and Disposal Facility

Ministry of Environment & Climate Change Strategy
Operational Certificate No. PR 15297

SUBMITTED TO:

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TABLE OF CONTENTS

1 INTRODUCTION3

2 FACILITY OPERATIONS: 20203

 2.1 DISPOSAL METHOD..... 3

3 OPERATIONAL MONITORING/INSPECTIONS3

4 ENVIRONMENTAL MONITORING.....4

 4.1 2020 ANNUAL ENVIRONMENTAL MONITORING REPORT 4

 4.2 ENVIRONMENTAL MONITORING REPORT RECOMMENDATIONS..... 4

5 FINANCIAL4

ATTACHMENTS

ATTACHMENT A - 2020 Environmental Monitoring Report5

1 INTRODUCTION

The Ashton Creek Diversion and Disposal Facility (ACDDF) is located within Electoral Area F in the Regional District of North Okanagan (RDNO) off Mabel Lake Road approximately 15 km northeast of the City of Enderby.

The legal description of the property on which the ACDDF is located is P.O.C. commencing at the S.E. corner of the N.W. ¼ Section 28, Township 18, Range 7, W6M, Kamloops Division Yale District; thence north 604 m; thence west 382 m; thence south 604 m; thence east 382 m back to P.O.C. The site, currently Crown Land, is approximately 1 hectare and formerly served the City of Enderby, Ashton Creek and the surrounding Electoral Area (F). The location plan is presented as part of the 2020 Environmental Monitoring Report, Attachment A.

The facility has been closed since 1996. The works authorized are a closed landfill and related appurtenances.

2 FACILITY OPERATIONS: 2020

This section describes on-site activities during 2020.

2.1 DISPOSAL METHOD

The Ministry of Environment Operational Certificate issued on January 21, 1998 (OC PR15297) specifies the maximum rate at which refuse may be discharged to the landfill as 0 tonnes/year. The only activity that took place at the ACDDF site in 2020 was environmental monitoring by RDNO staff. No waste was discharged to the site in 2020.

3 OPERATIONAL MONITORING/INSPECTIONS

The site is closed and was capped in 1997. Other than continued, ongoing environmental monitoring of the site, including a post-closure inspection grid walk, by RDNO staff, there are no future operational or capital plans for the ACDDF.

4 ENVIRONMENTAL MONITORING

4.1 2020 ANNUAL ENVIRONMENTAL MONITORING REPORT

The Ashton Creek Diversion and Disposal Facility, 2020 Environmental Monitoring Report, dated February 2021, prepared by Regional District of North Okanagan staff, is provided as Attachment A. The monitoring program is described and monitoring results are provided including the status of sampling points and recommendations for monitoring program improvements, where necessary.

4.2 ENVIRONMENTAL MONITORING REPORT RECOMMENDATIONS

- a) Continue with the currently established sampling program, and assess trends of exceedances.
- b) Evaluate potential trends in Cadmium, Manganese, Selenium, Sulphide, and Zinc in 2021.
- c) Conduct the annual post closure inspection.

5 FINANCIAL

Approximately \$682 was spent on post closure environmental monitoring at the ACDDF in 2020. No operating or capital expenses were incurred at the ACDDF in 2020.

A Statutory Closure Reserve was established in 2010 for closure and post closure costs at all RDNO Diversion and Disposal Facilities. The balance in the Statutory Closure Reserve at the end of 2020 was approximately \$11,681,000. It is projected that the annual contribution to the Statutory Closure Reserve for 2021 will be approximately \$1,360,000.