



# 2020 ANNUAL CAP INSPECTION REPORT

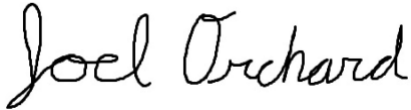
BNSF Northport Site

December 16, 2020



## 2020 ANNUAL CAP INSPECTION REPORT

BNSF Northport Site



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December 16, 2020

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## ACRONYMS AND ABBREVIATIONS

Arcadis	Arcadis U.S., Inc.
BNSF	BNSF Railway Company
Ecology	Washington State Department of Ecology
site	Northport City Park Cleanup Site in Northport, Washington

## 1 INTRODUCTION

On behalf of BNSF Railway Company (BNSF), Arcadis U.S., Inc. (Arcadis) prepared this 2020 Annual Cap Inspection Report to document the integrity of the protective cap at the BNSF Northport site in Northport, Washington (the site) for the January 1, 2020 through December 31, 2020 reporting period. The site is located at latitude 47° 34' 39" N and longitude 122° 19' 58" W.

The site is located adjacent to the former LeRoi Smelter site, which refined copper, lead, and silver ores. Prior operations at the former smelter plant contaminated adjacent properties, including the Northport City Park. The Northport City Park property is currently owned by BNSF and leased to the City of Northport.

In 2004, remedial activities were conducted at the site, including the excavation and capping of metal-contaminated soil. As part of the Environmental Covenant for the site, the Washington State Department of Ecology (Ecology) requires annual cap monitoring to ensure the condition of the cap is acceptable and continues to be protective of human health and the environment.

## 2 CAP MONITORING AND DOCUMENTATION

The cap monitoring activities completed in 2020 include:

- Performed annual cap inspection in November 2020.
- Documented cap integrity.
- Evaluated site to determine if cap repairs were required.
- Submitted an annual report to Ecology to communicate the findings of the cap inspection.

During the cap inspection the following site conditions were evaluated:

- Quality of the sod located within the Northport City Park.
- Condition of trees near the remedial area.
- Presence or absence of noxious weeds in the remedial area.
- Presence or absence of burrowed animal activity.
- Stability and integrity of the cap.
- Integrity of the barrier fence between the park and railroad tracks.

## 3 SITE CONDITIONS

Arcadis completed the cap inspection on November 19, 2020. The integrity of the cap was confirmed to be intact and no deficiencies in the cap or vegetation were identified during the inspection. A photographic log documenting site conditions is presented as Appendix A.

## 4 SCHEDULE

There were no items identified that would require maintenance to be performed. The next cap inspection will occur during the fourth quarter of 2021.

# APPENDIX A

## Photographic Log



# Appendix A: Photographic Log

2020 Annual Cap Inspection Report  
BNSF Northport Site



**Photograph: 1**

**Description:**  
Gravel cap, looking east

**Location:**  
Northport, WA

**Photograph taken by:**  
Joel Orchard

**Date:** 11/19/2020



**Photograph: 2**

**Description:**  
Access point in fence on west side of cap, looking southeast

**Location:**  
Northport, WA

**Photograph taken by:**  
Joel Orchard

**Date:** 11/19/2020



# Appendix A: Photographic Log

2020 Annual Cap Inspection Report  
BNSF Northport Site



**Photograph: 3**

**Description:**

Fence between park and tracks, looking east

**Location:**

Northport, WA

**Photograph taken by:**

Joel Orchard

**Date:** 11/19/2020



**Photograph: 4**

**Description:**

Fence between parking lot of park and tracks, looking east

**Location:**

Northport, WA

**Photograph taken by:**

Joel Orchard

**Date:** 11/19/2020



# Appendix A: Photographic Log

2020 Annual Cap Inspection Report  
BNSF Northport Site



**Photograph: 5**

**Description:**  
Park grass and trees,  
looking west

**Location:**  
Northport, WA

**Photograph taken by:**  
Joel Orchard

**Date:** 11/19/2020



**Photograph: 6**

**Description:**  
Identified low spot on  
east side of cap

**Location:**  
Northport, WA

**Photograph taken by:**  
Joel Orchard

**Date:** 11/19/2020



# Appendix A: Photographic Log

2020 Annual Cap Inspection Report  
BNSF Northport Site



**Photograph: 7**

**Description:**  
Identified low spot in  
the middle of fence line

**Location:**  
Northport, WA

**Photograph taken by:**  
Joel Orchard

**Date:** 11/19/2020



**Photograph: 8**

**Description:**  
Fence between park  
and boat launch,  
looking east

**Location:**  
Northport, WA

**Photograph taken by:**  
Joel Orchard

**Date:** 11/19/2020



# Appendix A: Photographic Log

2020 Annual Cap Inspection Report  
BNSF Northport Site



**Photograph: 9**

**Description:**  
Area between park and boat launch, looking east

**Location:**  
Northport, WA

**Photograph taken by:**  
Joel Orchard

**Date:** 11/19/2020



**Photograph: 10**

**Description:**  
South fenceline of gravel cap area, looking south east

**Location:**  
Northport, WA

**Photograph taken by:**  
Joel Orchard

**Date:** 11/19/2020



# Appendix A: Photographic Log

2020 Annual Cap Inspection Report  
BNSF Northport Site



**Photograph: 11**

**Description:**  
Tracks south of park,  
looking northeast

**Location:**  
Northport, WA

**Photograph taken by:**  
Joel Orchard

**Date:** 11/19/2020



**Photograph: 12**

**Description:**  
Entrance to parking lot,  
looking east

**Location:**  
Northport, WA

**Photograph taken by:**  
Joel Orchard

**Date:** 11/19/2020



# Appendix A: Photographic Log



2020 Annual Cap Inspection Report  
BNSF Northport Site



**Photograph: 13**

**Description:**

Parking lot, looking east

**Location:**

Northport, WA

**Photograph taken by:**

Joel Orchard

**Date:** 11/19/2020

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