



2023 POST REMEDY INSPECTION REPORT

BNSF Northport Site

December 20, 2023





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2023 ANNUAL POST REMEDY INSPECTION REPORT

BNSF Northport Site

Prepared for:

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December 20, 2023

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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 2023 Annual Post Remedy Inspection Report to document post remedy conditions at the Northport City Park Cleanup Site in Northport, Washington (the site) for the January 1, 2023 through December 31, 2023 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 facility, which refined copper, lead, and silver ores. Prior operations at the former smelter plant impacted adjacent properties, including the site. The site is currently owned by BNSF and leased to the City of Northport.

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

2 SITE MONITORING AND DOCUMENTATION

The remediated area monitoring activities completed in 2023 included:

- Performed annual site inspection in October 2023.
- Documented site conditions of remedied area.
- Evaluated site to determine if repairs to remedied area were necessary.
- Submitted an annual report to Ecology to communicate the findings of the site inspection.

During the site inspection the following site conditions were evaluated:

- Presence or absence of deeply rooted vegetation in the remedied area.
- Presence or absence of animal burrows in the remedied area.
- Stability and integrity of the soil and sod conditions in the remedied area.
- Integrity of the barrier fence between the park and railroad tracks.

3 SITE CONDITIONS

Arcadis completed the inspection of the remedied area on October 23, 2023. A photographic log documenting site conditions is presented as Appendix A. The integrity of the soil and sod overlying the remedied area was confirmed to be intact and in good condition, with the exception of the following observed issues:

- Gravel disturbance from vehicle tires on the north portion of remedied area (Inspection Point: 001 in Appendix A).
- Possible animal burrows in remedied areas on north side of the tracks in the park (Inspection Point: 002 in Appendix A).
- Gravel disturbance from possible animal burrows on north edge of track between parking lot and tracks (Inspection Point: 003 in Appendix A).
- Erosion of topsoil on slope observed on north end of city park adjacent to south edge of tracks (Inspection Point: 004 in Appendix A).

Trees located in areas that were not remediated appeared in good health and overlaying sod and soil in those areas were also observed to be in good condition (Inspection Point: 006 in Appendix A)

No damage was observed to the fence on the south side of the parking area, separating the city park parking lot from the BNSF tracks (Inspection point: 006, 007, and 008 in Appendix A)

4 SCHEDULE

The gravel disturbances identified during the site inspection were addressed through the application of additional gravel cover. Erosional features could develop from the multiple burrows observed on the south end of the city park adjacent to the track and fence. The next post remedy inspection will occur in the second half of 2024.

APPENDIX A

Photographic Log



Appendix A: Photographic Log



2023 Post Remedy Inspection Report
BNSF Northport Site



Inspection Point: 001

Description:
Gravel disturbance from vehicle on west portion of remedied area.

Location:
Northport, WA

Photograph taken by:
Dylan Davis

Date: 10/23/2023

Appendix A: Photographic Log

2023 Post Remedy Inspection Report
BNSF Northport Site



Inspection Point: 002

Description:

Possible animal burrows present on north side of track in park area.

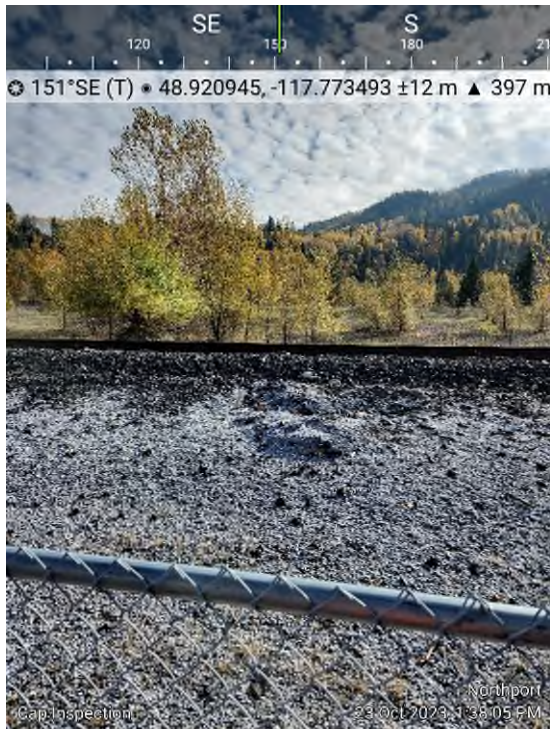
Location:

Northport, WA

Photograph taken by:

Dylan Davis

Date: 10/23/2023



Inspection Point: 003

Description:

Gravel disturbance from possible animal burrows on north edge of track between parking lot and tracks.

Location:

Northport, WA

Photograph taken by:

Dylan Davis

Date: 10/23/2023

Appendix A: Photographic Log

2023 Post Remedy Inspection Report
BNSF Northport Site



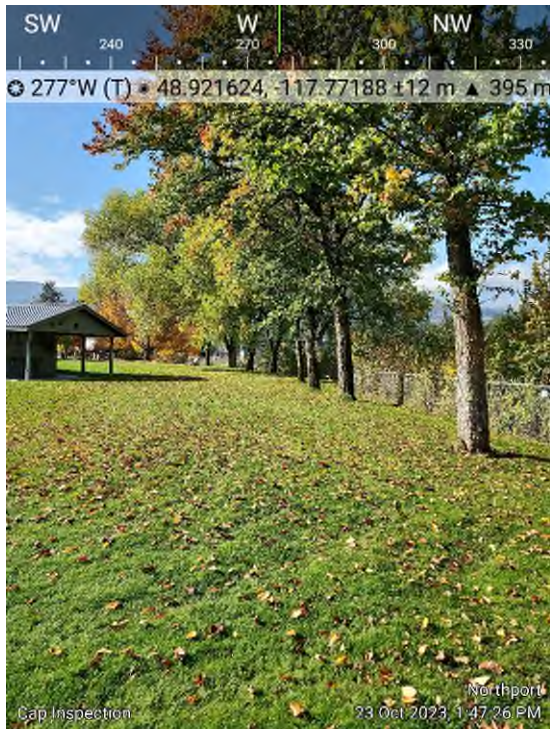
Inspection Point: 004

Description:
Erosion present along north side of tracks.

Location:
Northport, WA

Photograph taken by:
Dylan Davis

Date: 10/23/2023



Inspection Point: 005

Description:
Large trees present in city park over within the area not remediated.

Location:
Northport, WA

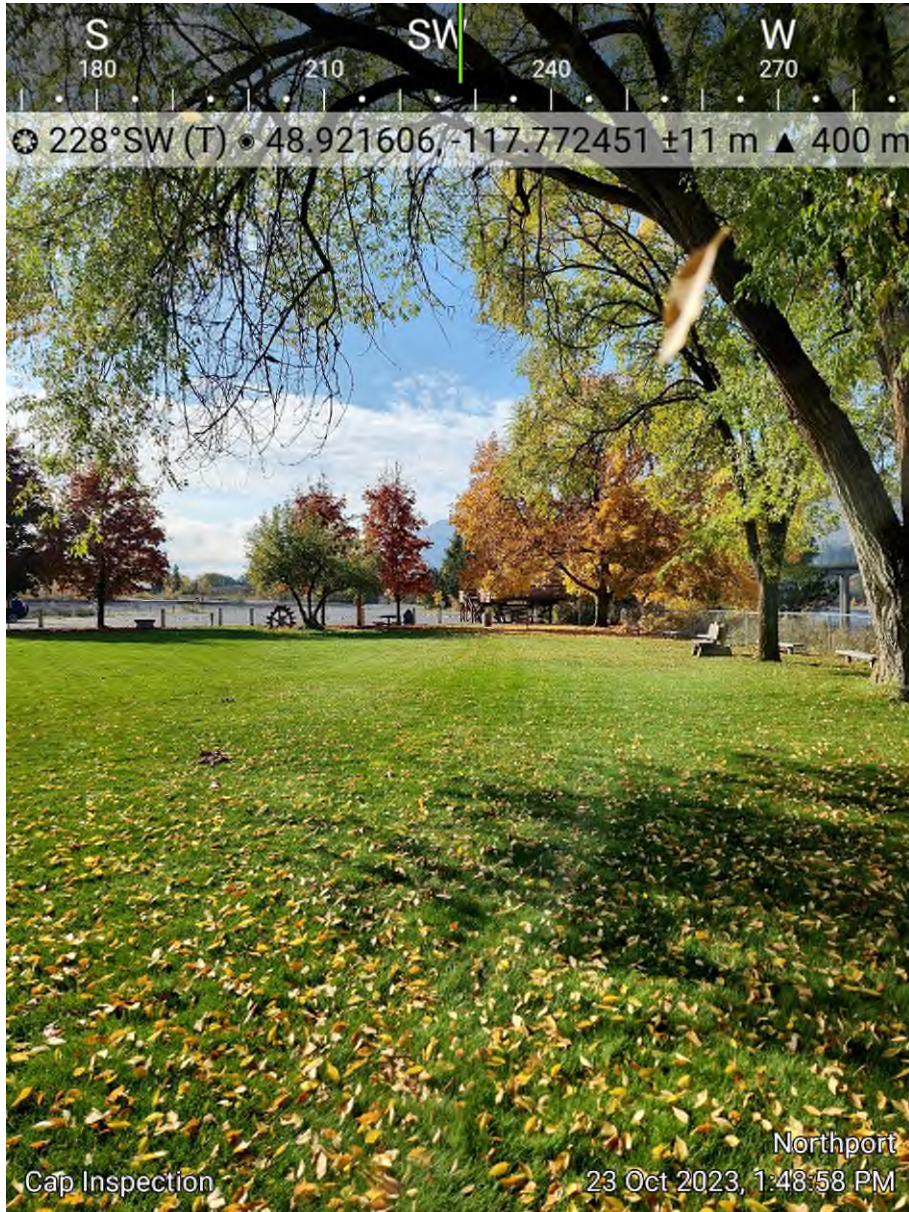
Photograph taken by:
Dylan Davis

Date: 10/23/2023

Appendix A: Photographic Log



2023 Post Remedy Inspection Report
BNSF Northport Site



Inspection Point: 006

Description:
Sod condition in city park.

Location:
Northport, WA

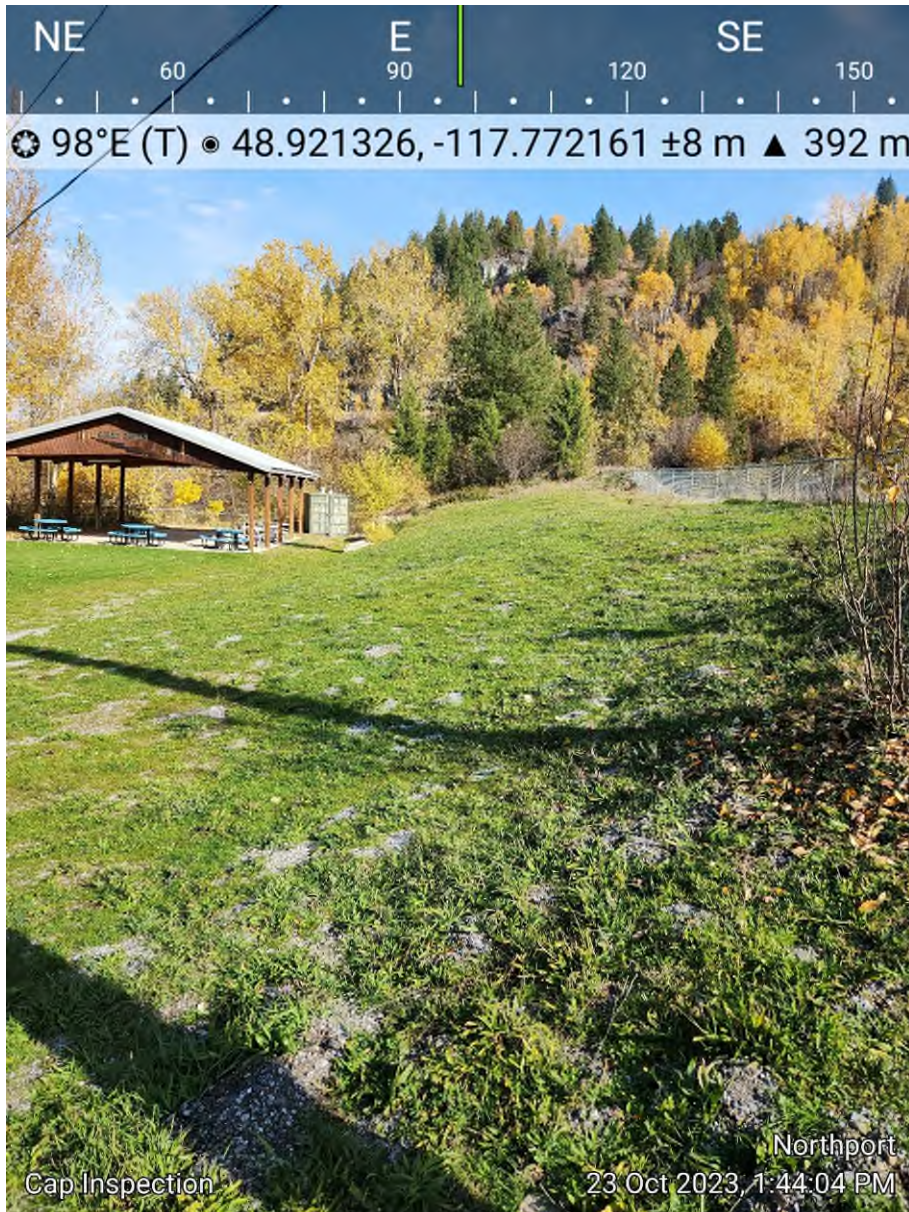
Photograph taken by:
Dylan Davis

Date: 10/23/2023

Appendix A: Photographic Log



2023 Post Remedy Inspection Report
BNSF Northport Site



Inspection Point: 007

Description:

Possible animal burrows present on north side of track in park area. Fence condition on south end of the city park.

Location:

Northport, WA

Photograph taken by:

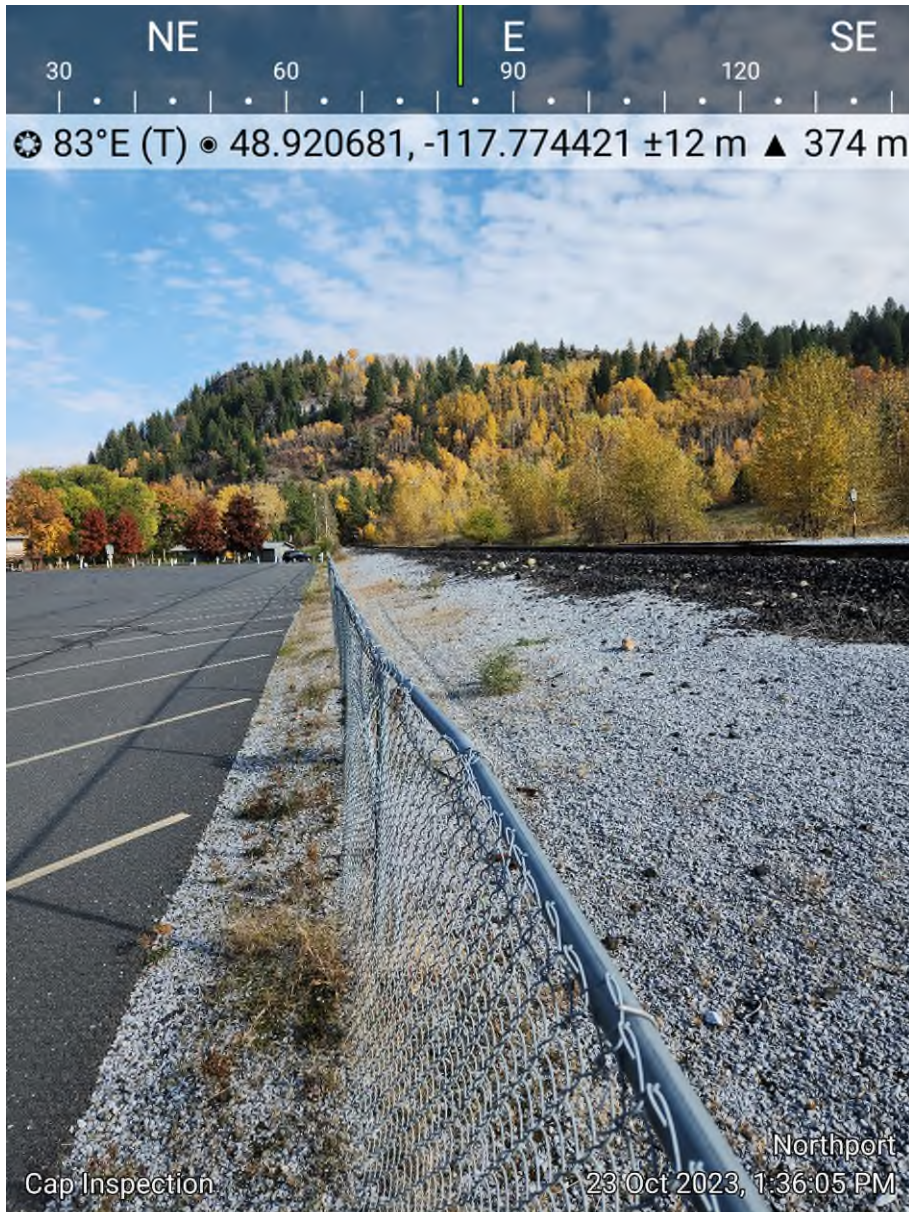
Dylan Davis

Date: 10/23/2023

Appendix A: Photographic Log



2023 Post Remedy Inspection Report
BNSF Northport Site



Inspection Point: 008

Description:

Fence condition on the south edge of city park parking lot

Location:

Northport, WA

Photograph taken by:

Dylan Davis

Date: 10/23/2023

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A decorative graphic consisting of three thin orange lines. One is a horizontal line extending across the width of the page. Two others are diagonal lines starting from the bottom left and extending towards the top right, crossing the horizontal line.