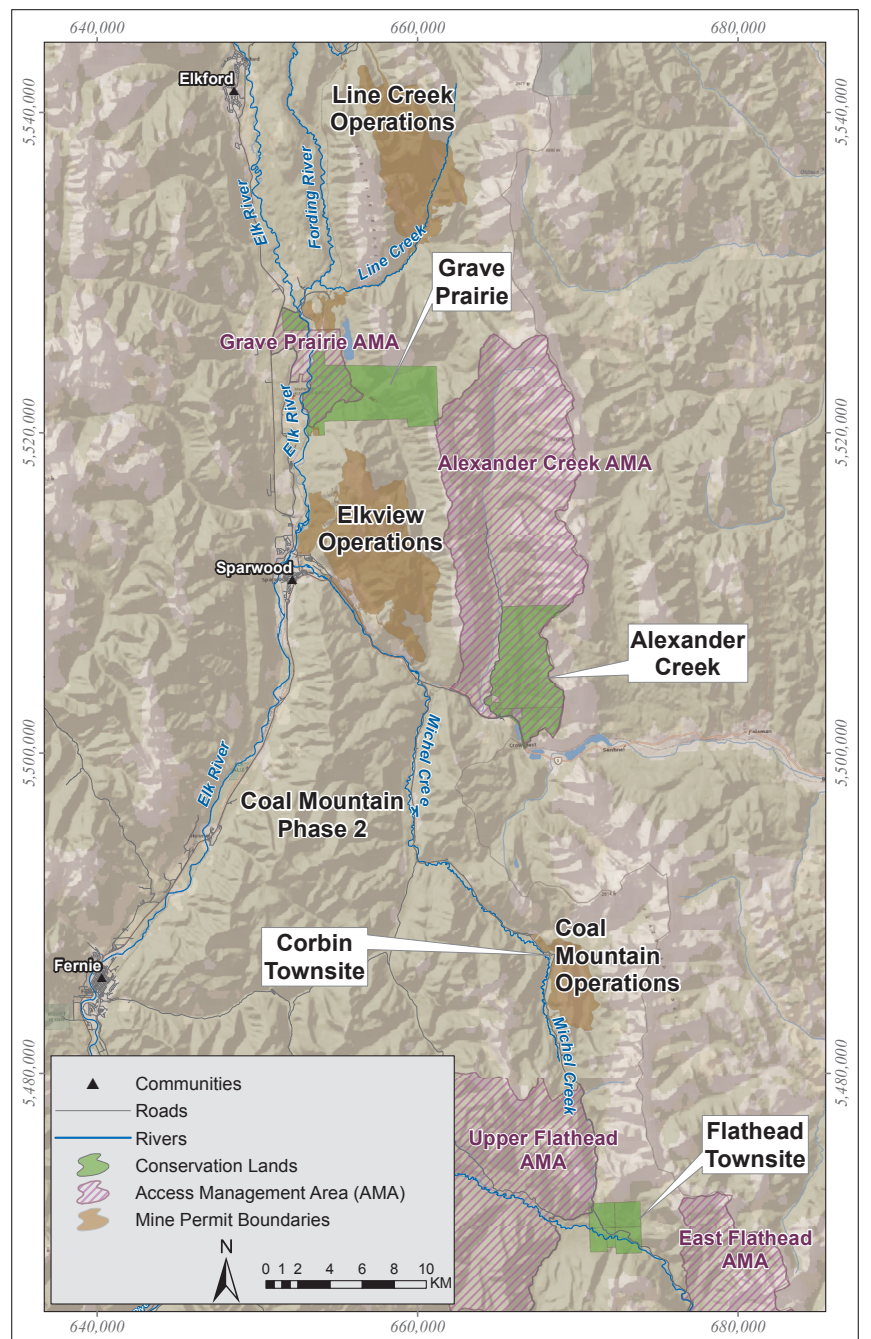
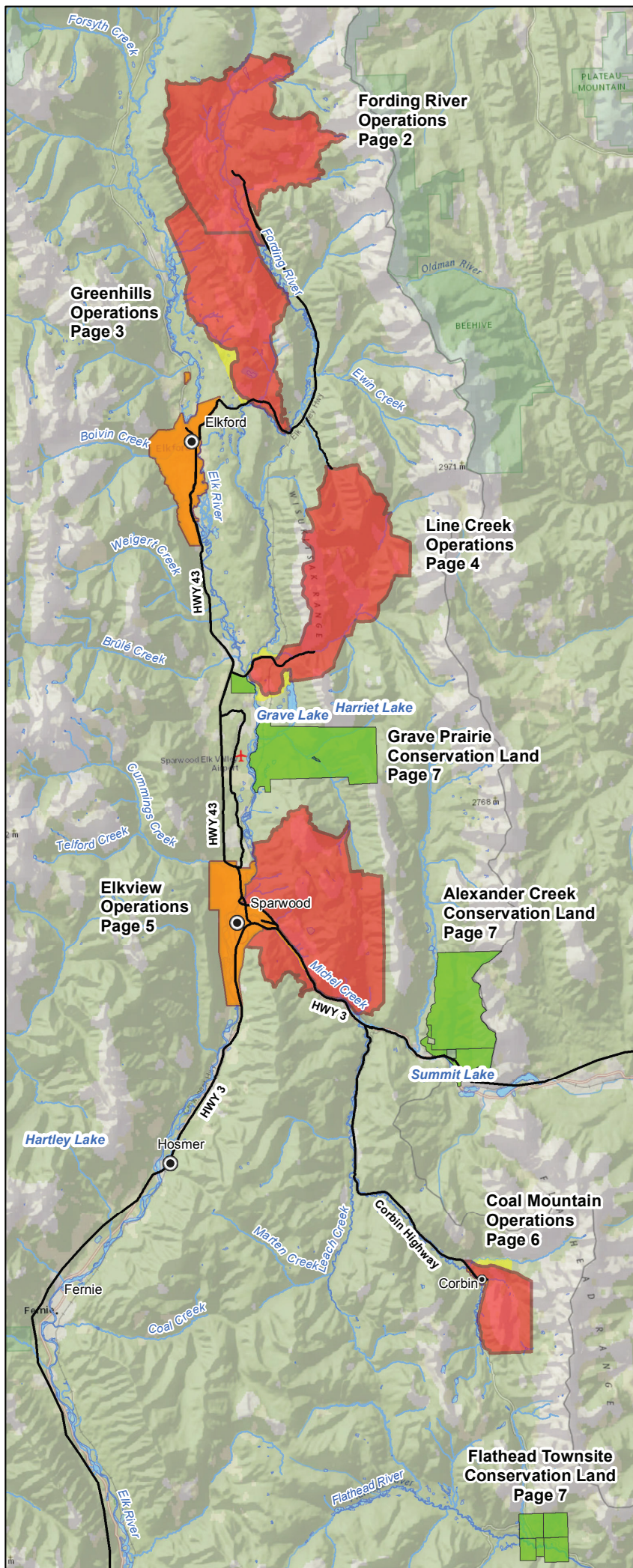


Teck Access Boundaries in the Elk Valley

2019–20

A photograph of two elk with large antlers standing in a field of tall, dry grass. In the background, there are large, rugged mountains under a clear blue sky. The elk are facing left, and the grass is a mix of yellow and brown, suggesting late summer or autumn. The mountains are a mix of green and brown, with some snow visible on the higher peaks.

Teck

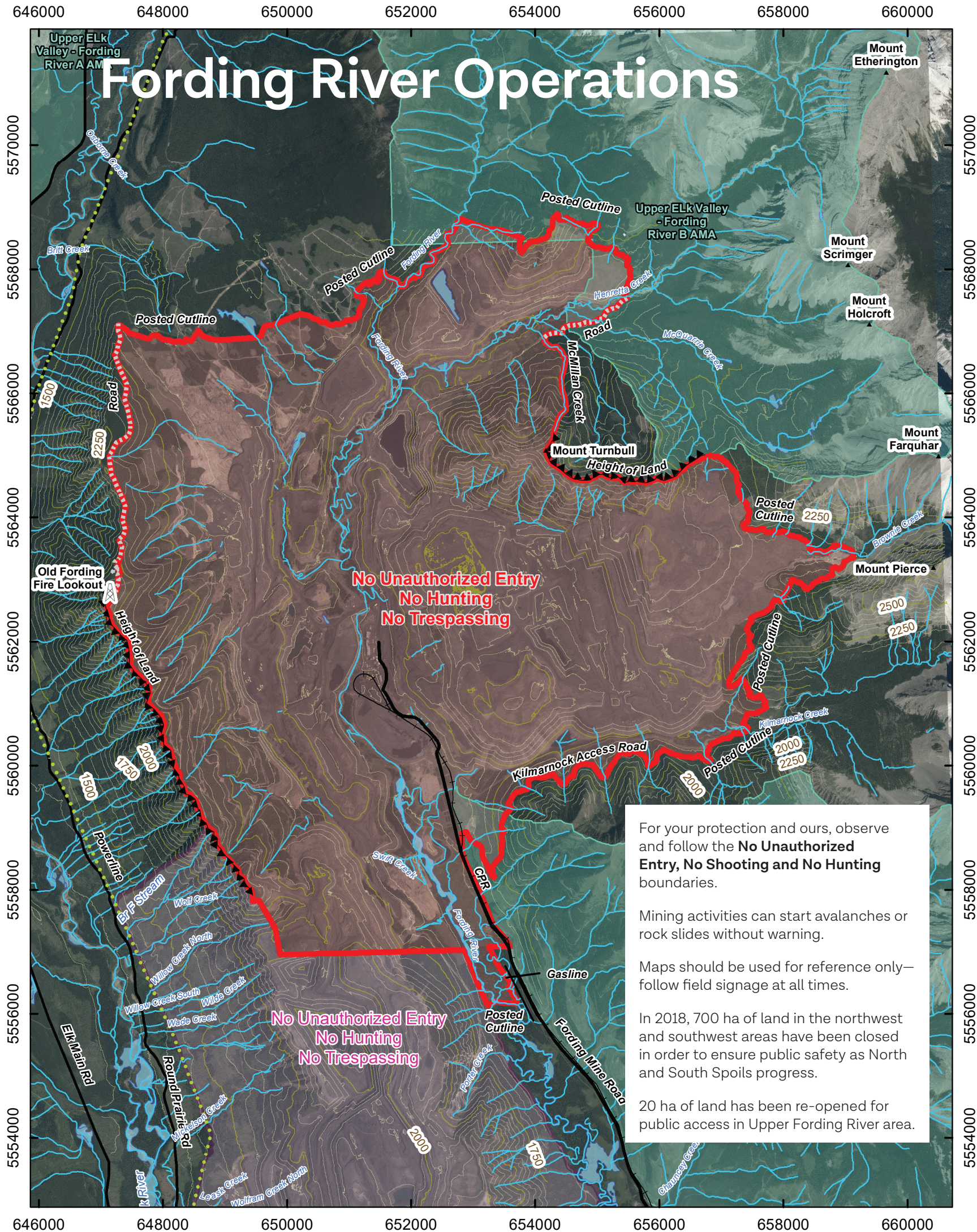


Teck Conservation Lands

Teck will be working in cooperation with First Nations, communities and other stakeholders to develop management plans that focus on the conservation of key habitats for wildlife and fish in the Elk Valley and Flathead River Valley for the future.

Please keep conservation in mind when you are enjoying recreation activities on these lands and respect the existing Access Management Areas on the Grave Prairie and Alexander Creek lands. Electronic maps and coordinates at

www.teck.com/coalmaps



For your protection and ours, observe and follow the **No Unauthorized Entry, No Shooting and No Hunting** boundaries.

Mining activities can start avalanches or rock slides without warning.

Maps should be used for reference only—follow field signage at all times.

In 2018, 700 ha of land in the northwest and southwest areas have been closed in order to ensure public safety as North and South Spoils progress.

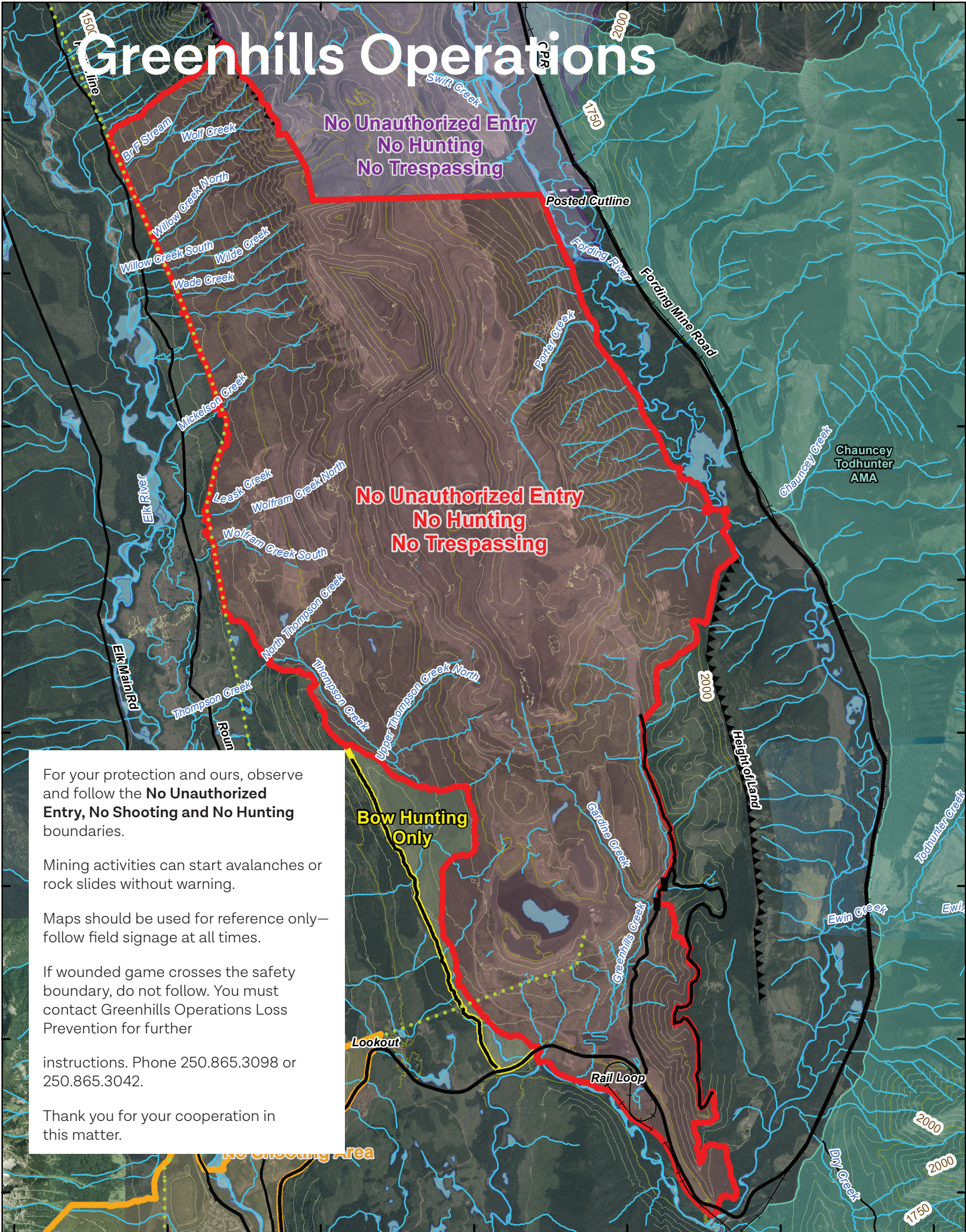
20 ha of land has been re-opened for public access in Upper Fording River area.

Teck <small>The maps and map data are provided 'as is' without any guarantee, representation, condition or warranty of any kind, either express, implied, or statutory. Teck Resources Limited assumes no liability with respect to any reliance the user places in the maps and map data, and the user assumes the entire risk as to the truth, accuracy, currency, or completeness of the information contained in the maps and map data.</small>	Fording River Operations 2019 NUE Boundary			
	Powerlines	Transportation	FRO No Unauthorized Entry	
	Road	Railway	GHO No Unauthorized Entry	
	Rivers	AMA		
	Contours 50 m interval			
	Contours 250 m intervals			

DATE: 7/4/2019	MINE OPERATION: Fording River
SCALE: 1:65,000	COORDINATE SYSTEM: NAD 1983 UTM Zone 11N

646000 648000 650000 652000 654000 656000 658000

5558000
5556000
5554000
5552000
5550000
5548000
5546000
5544000



For your protection and ours, observe and follow the **No Unauthorized Entry, No Shooting and No Hunting** boundaries.

Mining activities can start avalanches or rock slides without warning.

Maps should be used for reference only—follow field signage at all times.

If wounded game crosses the safety boundary, do not follow. You must contact Greenhills Operations Loss Prevention for further instructions. Phone 250.865.3098 or 250.865.3042.

Thank you for your cooperation in this matter.

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Municipal No Shooting

GHO No Unauthorized Entry

No Shooting, Bow Only Zone

FRO No Unauthorized Entry

Gate

Sign

Contours 50 m interval

Contours 250 m interval

Powerlines

Transportation

Railway

Rivers

AMA

N

0

0.5

1

Kilometers

DATE:
7/4/2019

SCALE:
1:55,000

MINE OPERATION:
Greenhills

COORDINATE SYSTEM:
NAD 1983 UTM Zone 11N

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650000 652000 654000 656000 658000 660000 662000 664000

Line Creek Operations

To ensure public and worker safety the boundary will move incrementally as the East Rejects Spoil progresses. Teck committed to making this change incrementally in permits for the East Rejects Spoil, in order to allow access for as long as possible.

Field signage has been updated—maps should be used for reference only.

No Unauthorized Access
No Hunting
No Shooting

Bow Hunting Only

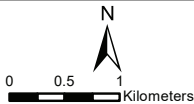
650000 652000 654000 656000 658000 660000 662000 664000

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Line Creek Operations 2019 NUE Boundary

- | | | |
|----------------|------------------------|----------------------------|
| Gate | Railway | Municipal No Shooting |
| Sign | Rivers | No Unauthorized Entry |
| Powerlines | Contour 50 m interval | No Shooting, Bow Only Zone |
| Transportation | Contour 250 m interval | AMA |



DATE:

7/4/2019

SCALE:

1:65,000

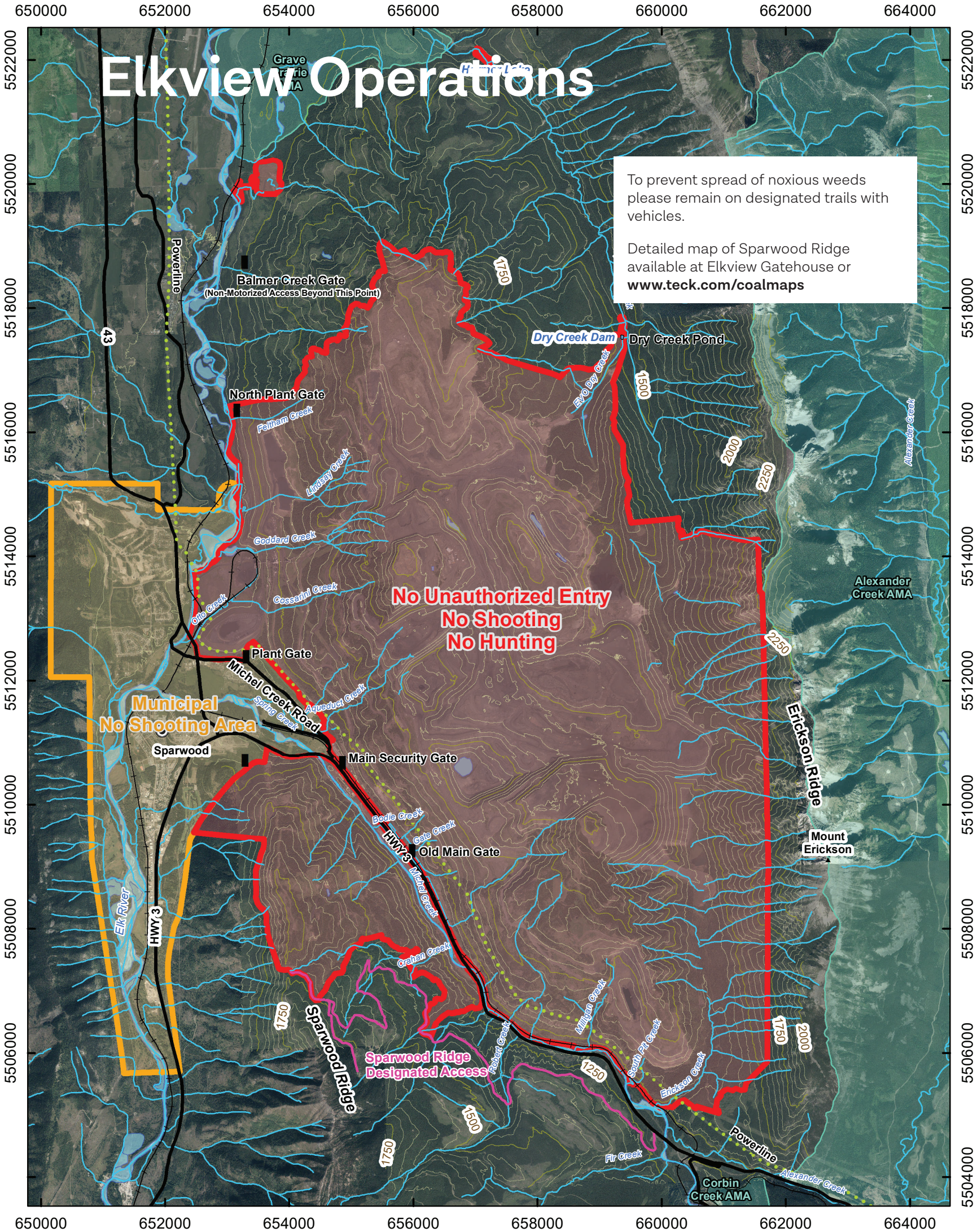
MINE OPERATION:

Line Creek

COORDINATE SYSTEM:

NAD 1983 UTM Zone 11N

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Gate

Sign

Powerlines

Transportation

Railway

Rivers

Contour 50m interval

Contour 250m interval

Municipal No Shooting

No Unauthorized Entry

No Shooting, Bow Only Zone

AMA

N

00.51

Kilometers

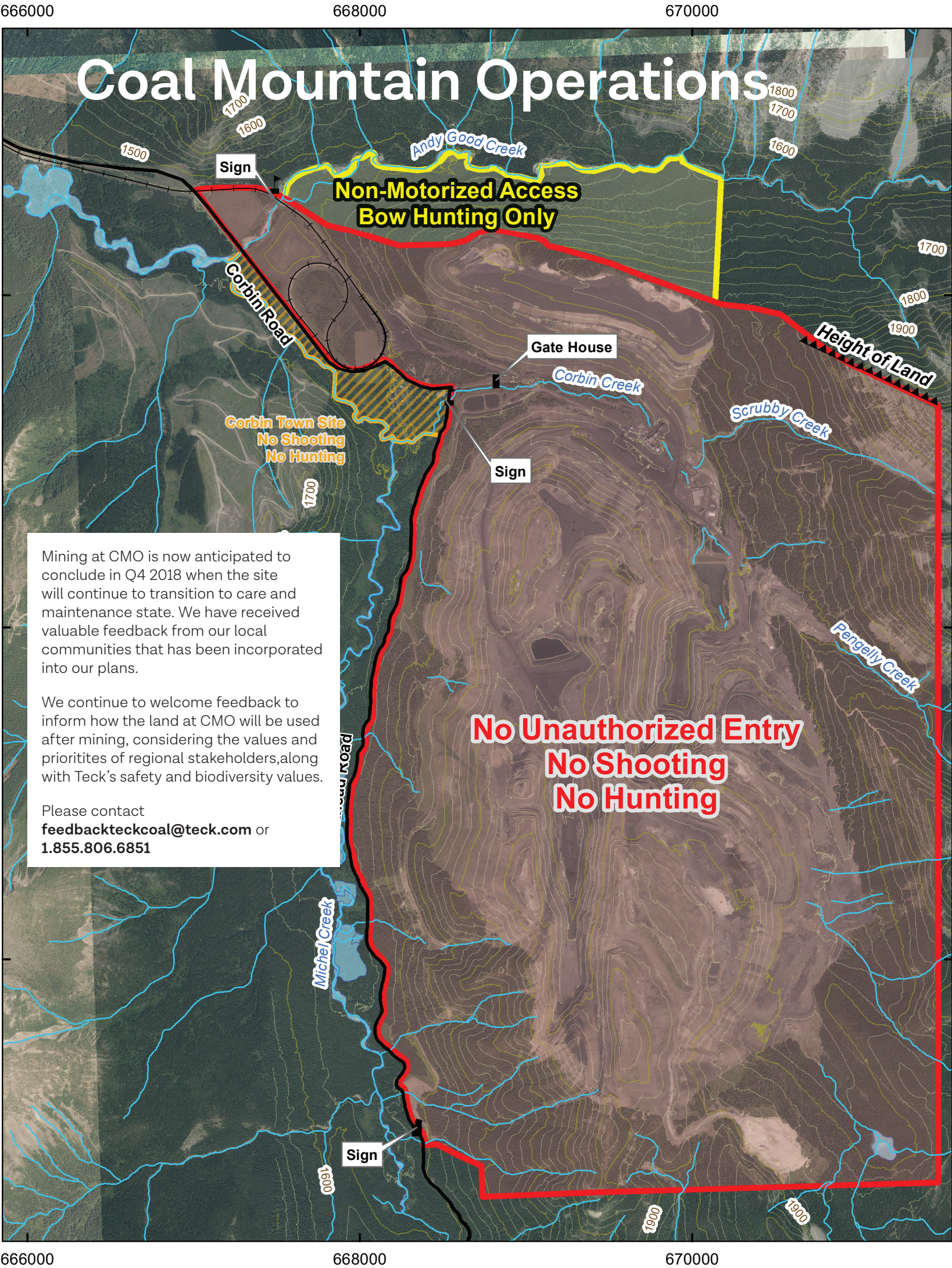
DATE:
7/4/2019

SCALE:
1:65,000

MINE OPERATION:
Elkview

COORDINATE SYSTEM:
NAD 1983 UTM Zone 11N

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Coal Mountain Operations 2019 NUE Boundary

Gate

Sign

Powerlines

Transportation

Railway

Rivers

AMA

Contour 25 m interval

Contour 100 m interval

Corbin Town Site No Shooting

No Unauthorized Entry

No Motorized Access, Bow Hunting Only

N

0 170 340 680

Meters

DATE:
7/4/2019

MINE OPERATION:
Coal Mountain

SCALE:
1:25,000

COORDINATE SYSTEM:
NAD 1983 UTM Zone 11N

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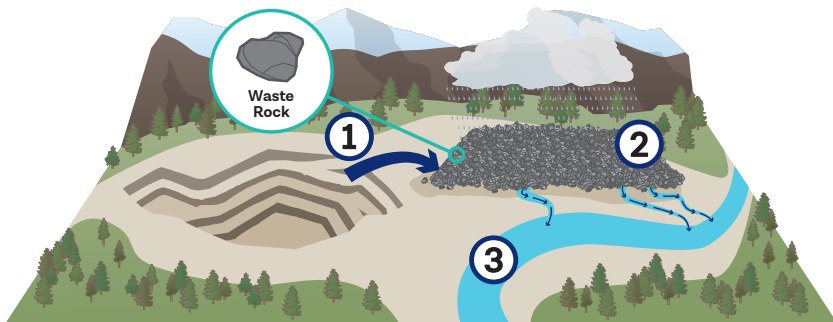
Our Commitment to Water Quality

We recognize addressing the water quality effects of mining is a legacy issue connected to decades of mining. It is complex, and ready-made solutions do not exist; however, we are making progress.

Teck is fully committed to finding solutions and this work is at the global forefront of managing water quality in mining. Success requires a long-term approach, driven by continued innovation and collaboration.

The Challenge

- 1** The mining process generates large quantities of leftover rock that contains naturally-occurring substances such as selenium, an element that is essential for human and animal health in small amounts.
- 2** Water from both precipitation and runoff flows through these rock piles and carries selenium and other substances, such as nitrate, into the local watershed.
- 3** If present in high enough concentrations in the watershed, these substances can adversely affect aquatic health.



Elk Valley Water Quality Plan

In 2014, British Columbia (B.C.) Ministry of Environment approved an area based management plan—the Elk Valley Water Quality Plan (EVWQP). The Plan was informed by scientific advice received from a Technical Advisory Committee chaired by B.C. Ministry of Environment with participation from government, First Nations, an independent scientist and community input received through three phases of public consultation in Elk Valley communities.

An Environmental Monitoring Committee (EMC) was established to advise on the implementation of the plan. The EMC consists of experts from the B.C. Ministry of Environment, B.C. Ministry of Energy and Mines, the B.C. Interior Health Authority, the Ktunaxa Nation Council, an independent scientist and Teck. The EMC reviews and provides input and advice to monitoring reports and study designs. Each year, the EMC hosts a public open house and releases a public report at www.teck.com/elkvalley

Research and Development

Teck is undertaking an extensive, multi-year Research & Development Program, focused on:

- Improving mine designs to better control release of water quality constituents at source
- Identifying and piloting improved methods for treating mine affected water
- Approximately 20+ projects are underway now.

Pilot Study Success: Saturated Rock Fill Project

The Saturated Rock Fill (SRF) facility at Teck Elkview Operations, commissioned in January 2018, is achieving near-complete removal of selenium and nitrate in 10 million litres of mine-affected water per day.

We are now pursuing a second phase of this technology that would double the capacity of the SRF facility at Teck Elkview Operations to treat 20 million litres of water per day. SRFs are a new form of water treatment that has the potential to augment or replace traditional treatment technology. It uses a form of active in situ treatment using naturally-occurring biological processes in water collected in former mining areas to treat and improve water quality.

Going forward, work on the SRF will focus on proving out the results of the Elkview facility and working towards potential broader implementation of SRFs.

Implementing Water Treatment

1. West Line Creek Active Water Treatment Facility

- Commissioned in February 2016
- 7.5 million litres per day water treatment capacity
- Meeting design targets for selenium and nitrate reduction:
 - Selenium concentrations are reduced by about 96% in treated water
 - Nitrate concentrations are reduced by over 99%
- A challenge related to selenium compounds in discharge water was identified; an Advanced Oxidation Process (AOP) was selected through piloting in 2017 as the best option to address this issue; and is now in operation

2. Planned Active Water Treatment Facilities

Fording River Operations is now under construction and planned to begin commissioning 2021. When complete it will process 20 million litres of water per day.

Our Ongoing Commitment

Further projects include the Tributary Evaluation Program; Calcite Assessment; Human Health Risk Assessment and fish habitat rehabilitation work.

Find Out More

To learn more about our water quality work and provide your feedback and suggestions, go to www.teck.com/elkvalley or call **1.855.806.6854**