



# We've Listened

CHANGES TO THE AJAX MINE  
BASED ON COMMUNITY INPUT

**KGHM**  
INTERNATIONAL  
AJAX PROJECT





# WE'VE TAKEN YOUR CONCERNS SERIOUSLY.

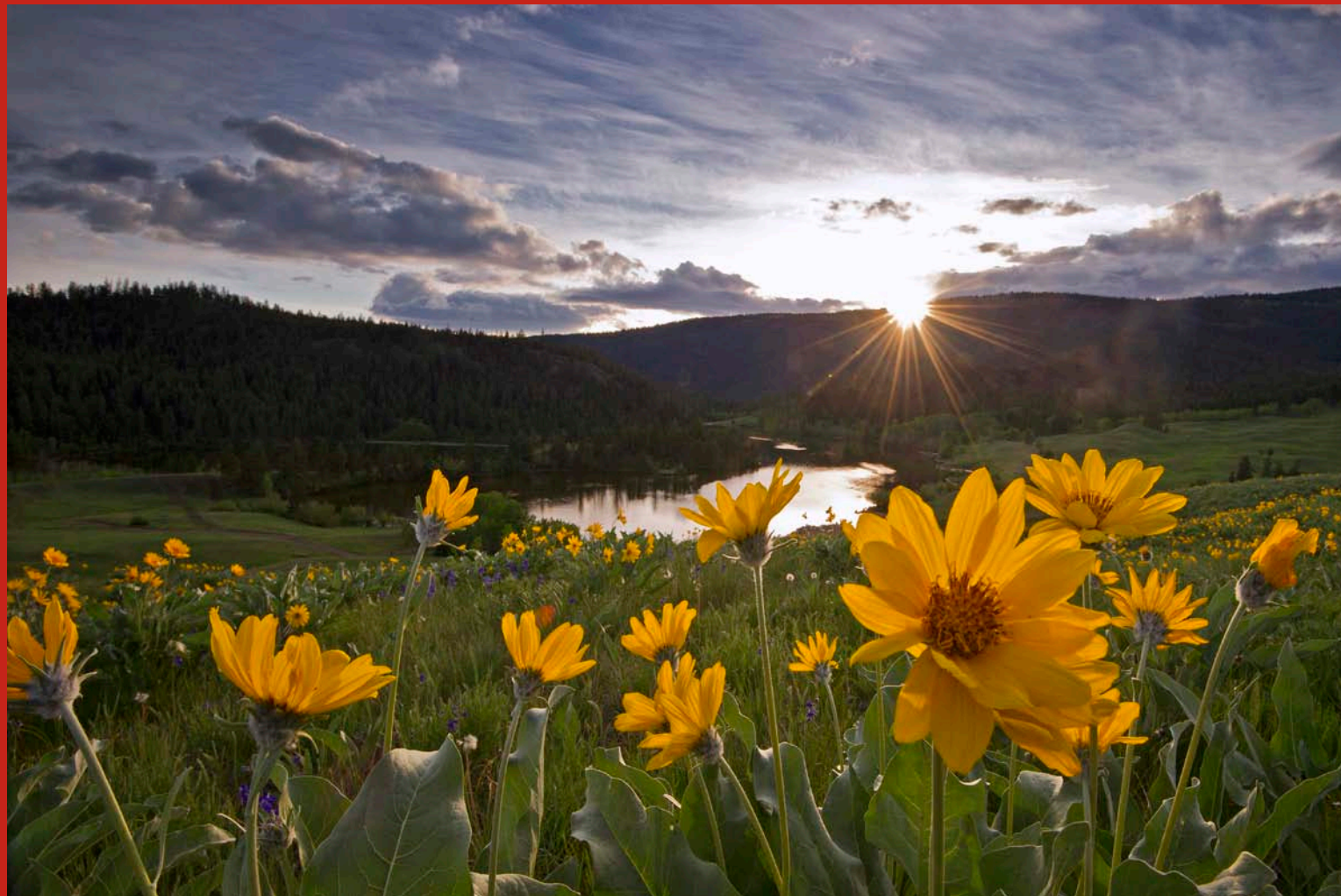
Over the past several months we have heard from many of our neighbours in Kamloops who have stated concerns about the proximity of proposed Ajax facilities.

We took all of the comments, concerns and suggestions provided by the community at town hall forums, face-to-face small group community sessions and through our website to heart.



# OUR GOAL IS TO DEVELOP A WORLD-CLASS MINE THAT IS SAFE, PROFITABLE AND ENVIRONMENTALLY RESPONSIBLE;

A PROJECT THAT WILL create economic benefit and lasting positive legacies for First Nations, governments and the people of Kamloops, British Columbia and Canada. The Ajax team will deliver an economically viable project in a safe, socially accountable and environmentally responsible manner.





# WE HAVE MOVED MANY OF THE PROPOSED MINE'S FACILITIES FARTHER AWAY FROM KAMLOOPS NEIGHBOURHOODS.

THIS NEW PLAN IS AN IMPORTANT ADJUSTMENT TO THE AJAX PROJECT THAT ADDRESSES COMMUNITY CONCERNS WHILE PRESERVING THE MINE'S ECONOMIC VIABILITY.



## KEY CHANGES INCLUDE:



### RELOCATION OF FACILITIES AWAY FROM THE COMMUNITY:

Relocation of the tailings storage facility more than five kilometres southeast to a new location closer to mine operations. As well, we have redesigned the facility from a dry stack tailings storage facility to a conventional storage facility that uses proven mining technology. The new facility takes advantage of the unique nature of the local terrain and topography.

Relocation of the north rock storage facility, mine processing plant and ore stockpiles more than two kilometres south from their formerly proposed locations. The sites will now be more than four kilometres from Aberdeen and Pineview Valley.

The primary crusher will also move south of the pit, 3½ kilometres from the closest city neighbourhood.

The new plan clusters mine activities to the south and east of the pit. We believe bringing key facilities closer together will reduce emissions and dust.



### AIR QUALITY PROTECTION:

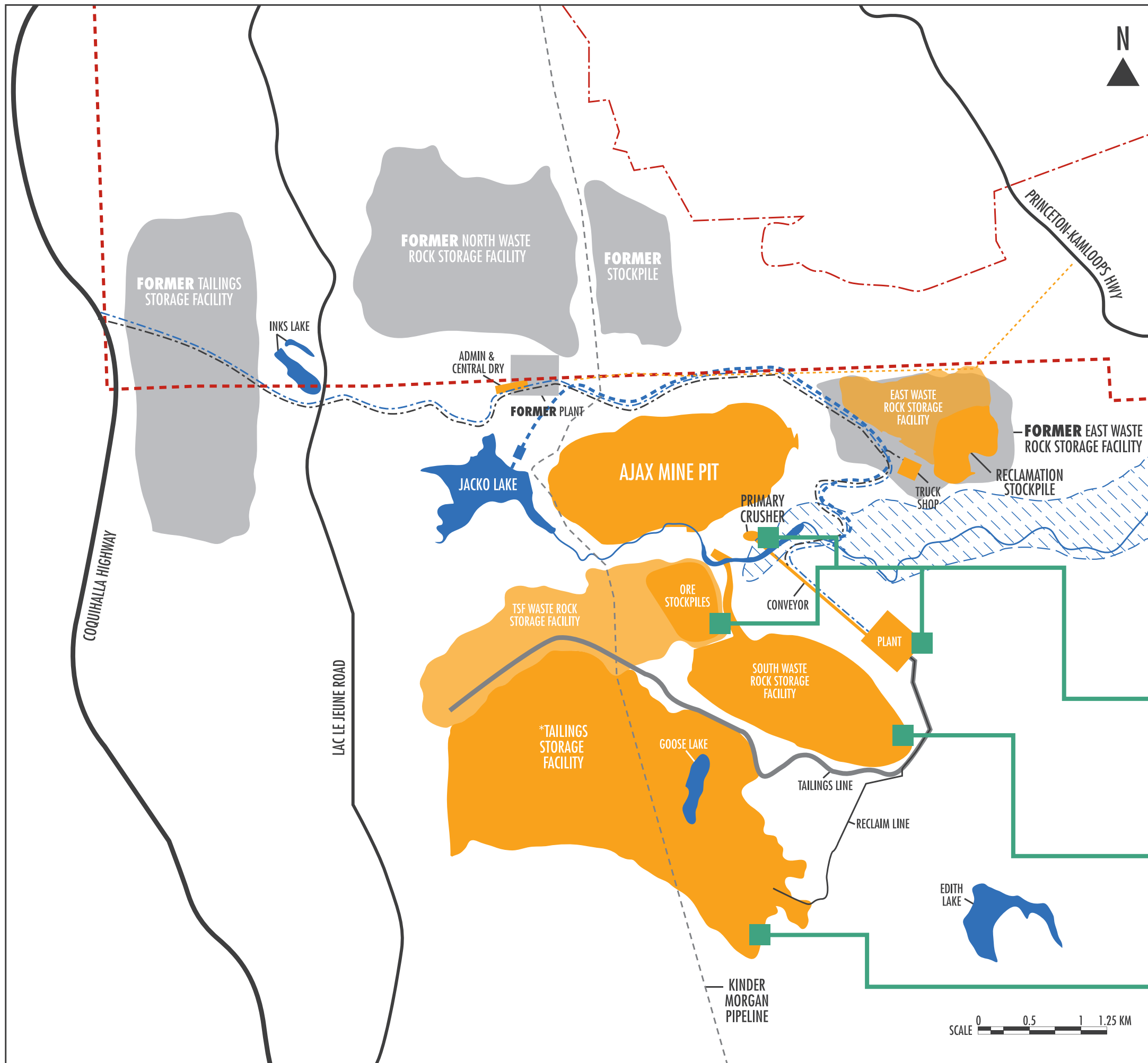
We plan to use the latest generations of diesel-powered equipment; engines that meet EPA standards for particulate and nitrogen oxide emissions. We will also use a smaller fleet of larger trucks to further save fuel, reduce emissions and lessen road dust.



### ADVANCED RECLAMATION:

The Ajax Project is being planned with closure in mind. Reclamation planning will guide operational decision making. Our goal is to return most of the mine site to natural states that support the same agricultural and recreational uses in place today.





**LEGEND:**

- - - URBAN GROWTH BOUNDARY
- · - · - CITY OF KAMLOOPS BOUNDARY
- - - POWERLINE PROPOSED
- - - ROADS PROPOSED
- - - WATERLINE PROPOSED
- - - PETERSON CREEK DIVERSION
- PETERSON CREEK
- ▨ PETERSON CREEK AQUIFER
- FORMER FACILITY LOCATIONS
- NEW FACILITY LOCATIONS

## KEY LOCATION CHANGES:

PROCESSING PLANT, CRUSHERS AND TEMPORARY ORE STOCKPILES HAVE MOVED MORE THAN TWO KILOMETRES FARTHER AWAY FROM THE CITY. MOVING THESE FACILITIES CLOSER TO THE PIT WILL ALSO REDUCE HAUL TRUCK USE.

THE WASTE ROCK STORAGE FACILITY HAS MOVED 4½ KILOMETRES FROM ABERDEEN NEIGHBOURHOODS. THE ORIGINAL LOCATION WAS PREVIOUSLY LOCATED 1½ KILOMETRES FROM THE COMMUNITY.

THE TAILINGS STORAGE FACILITY MOVES 2½ KILOMETRES AWAY FROM THE COQUIHALLA HIGHWAY. OUR CONVENTIONAL TAILINGS STORAGE FACILITY WAS PREVIOUSLY PROPOSED TO BE LOCATED AT INKS LAKE.

\*PENDING KGHM AJAX BEING IN A POSITION TO RELEASE THE RESULTS OF ITS CONDEMNATION DRILLING PROGRAM.



# HERE'S MORE DETAIL ABOUT THE CHANGES TO THE OPERATIONAL SITE PLAN:

**THE TAILINGS STORAGE FACILITY:** The Ajax Project's conventional tailings storage facility will be located 2 ½ kilometres from the Coquihalla Highway, closer to mine operations. It moves five kilometres southeast from its previously proposed location at Inks Lake.

Wet tailings storage facilities are common at mining operations, including in B.C., and are easier to build and maintain than the previously proposed dry tailings facility. A conventional tailings storage facility gives the Ajax Project more ability to manage water on the site.

The dams needed to contain the water and tailings will be built with rock left over from mining operations, making more efficient use of the by-products of our operations. The dams will be engineered to strict federal standards. The science behind this kind of dam construction is well proven.

The dams will take advantage of the rolling nature of the local topography, meaning containment berms are not needed on all sides. The tailings storage facility will be synthetically lined in places where the underlying rock and soil might be permeable. The facility will be built to limit impact to birds, animals and humans.

Conventional tailings facilities are easier to reclaim once mining operations are complete. A full reclamation plan is being developed that will see the tailings facility returned to natural states. Topsoil removed as part of the construction process will be saved and used for reclamation.

Tailings will be transferred to the storage facility from the processing plant by pipeline. Protective spillways will safeguard against the remote possibility of pipe leakages.

The tailings storage facility will be built to guard against 200-year weather events. Spillways will be built to safely divert extra water if extreme weather events raise water levels behind the dams.

**THE NORTH WASTE ROCK STORAGE FACILITY:** Moving this facility to the southeast moves a potential source of noise and dust away from Aberdeen and Pineview Valley. The facility, previously planned to be 1 ½ kilometres from Aberdeen neighbourhoods, will be about 4 ½ kilometres from Aberdeen, closer to mine operations. As a result, trucks will drive shorter distances, reducing emissions and lessening dust.







**THE PROCESSING PLANT, CRUSHERS AND TEMPORARY ORE STOCKPILE:** Moving these facilities south of the pit means haul trucks will drive less distance. The crushed ore stockpile will be covered.

**DUST SUPPRESSION:** All aspects of the Ajax Project will be designed with suppression of dust in mind. Covering the crushed ore stockpile eliminates a major source of fugitive dust in mine operations. Spray/misting and vacuum systems will be used to minimize the opportunity for dust to escape from key ore transfer points in the operation.

KGHM International will use high-capacity water tankers to wet roads in the pit while smaller tankers will wet other roads. The concentrated mine foot print proposed by this general arrangement means there will be fewer roads. Vehicle speed limits will help control dust in the air.

**WATER USAGE:** The Ajax Project is planned to operate as a zero-discharge facility during mine operations, meaning no effluent from the mine processing plant or other operations will be discharged to the environment. All water used in mine processes — including in the tailings storage facility and on-site truck wash stations — will be recycled and reused.

We are also exploring the possibility of drawing wastewater from the City of Kamloops's water treatment plant for use in mine operations.

**ADVANCED DIESEL ENGINES:** The Ajax Project will use EPA-rated diesel engine technology in the mine's haul trucks, heavy equipment and other vehicles. Such engines meet regulated standards for emissions of particulate and nitrogen oxide.

**VISUAL IMPACT/RECREATION:** The south and eastward shift of the mine's major industrial structures means views from the Coquihalla Highway and Lac Le Jeune Road will be protected. The mine's facilities will be much less visible from most prominent viewpoints as they move away from the city and local roads.

The new plan opens the possibility of redeveloping our lands to the north of mine operations for recreational use. For example, the company is already working with local riding clubs to secure, protect and enhance the existing network of informal mountain bike trails through the area.

**ISO 14001 ENVIRONMENTAL CERTIFICATION:** The Ajax Project will work to achieve certification to the ISO 14001 standard, an international standard that governs environmental management. Certification will ensure the Ajax Project conforms to recognized practices and standards for monitoring environmental aspects such as noise, air, water and the soil.

THANK YOU FOR  
YOUR FEEDBACK.

**Keep the  
conversation  
going...**

[PLACESPEAK.COM/AJAXPROJECT](https://PLACESPEAK.COM/AJAXPROJECT)

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