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June 18, 2019

Camille Almeida  
Environmental Assessment Coordinator, Oil Sands East  
Mining, Authorizations  
Suite 205, Twin Atria Building  
4999-98 Ave SW  
Edmonton, Alberta T6B 2X3

RE: Coalspur Mines Ltd./Phase II Vista Coal Mine Project

Dear Ms. Almeida

I am writing to inform you of refinements to Phase II of the Vista Coal Mine (Phase II) from the original proposal detailed in the project description submitted to AER in October 2018. An updated project description table is attached which details changes to the mine footprint, mine life and estimated production for the project expansion. Should you have any questions please feel free to contact me. Thank you for your attention in this matter.

Sincerely,

Will Fisher,  
Project Manager  
Navigator Environmental & Technical Services, Inc.  
On behalf of Coalspur Mines Ltd.

<b>Project Summary Table – Phase II</b>			
Proponent Name:	Coalspur Mines Ltd.	Date:	6/11/2019
Project Name:	Vista Project – Phase II	Company Contact Name and Information:	Andrew Hutchison, Director of Environment 780-260-9800
Name of Company that will hold Approval:	Coalspur Mines (Operations) Ltd.	Company Website:	N/A
Type of Project (e.g., in-situ, mine, quarry, upgrader, etc.):	Surface Coal Mine	New Project, Expansion, Additional Phase or Modification:	Expansion
Projected Construction Start (Month/Year):	Jan 2022	Projected Operation Start (Month/Year):	April 2022
Life of Project (# years, YYYY – YYYY):	10 years; 2022-2032	Project Location (Legal Land Description and Longitude/Latitude) and Municipality:	Portions of Sections 10-15, Twp 51, Rge 24, W5M; Portions of Sections 7 and 18, Twp 51, Rge 23, W5m
Total Project Area (ha):	629.5 ha – Phase II Pit and drainage; 66.0 additional coal reject area on Phase I; 1,128 ha - Mineral Surface Lease	Private, Federal or Provincial Land:	Provincial
Nearest Residence(s) (km):	3.7 km	Types of Activity (major project processes, components including capacity/size, if available):	Surface Coal Mine with highwall mining, processing and shipping facilities are located on adjacent operation
Feedstocks and design feed rates (maximum daily, annual)	N/A	Products and design production rates (maximum daily, annual)	Coal; 6.0 million metric tonnes annual max; 4.2 million average over 10 years (Phase II area only), 16,949 daily max (Phase II only)
Byproducts and wastes (specify types, rates and storage capacities)	Coal refuse facilities located on adjacent operation; rock overburden generated from mining to be placed primarily within mined out pits but also on the adjacent operation as well as a centre dump within the mine pit between different coal seam pits. Overburden produced estimated to be 192 million bank cubic meters	Product storage facilities and capacities	Coal stockpile areas for both raw and cleaned coal will be located on adjacent operations

Nearest First Nation Reserve(s) and Métis Settlements (name and km):	Alexis Cardinal River 73 km SW; O'Chiese 161 km SE, AWN 123 km NW; Ermineskin Cree 278 km	Project Products:	Thermal Bituminous Coal
Power Source (if on site power generation describe quantity (MW) and facilities):	Existing power infrastructure from Phase I mine	Method of Product Transport (e.g., pipeline, rail, truck, etc.):	Rail
Average Production Capacity per Year (specify units):	4.2 million metric tonnes	Infrastructure Requirements (e.g., roads, pipelines, water intake, storage, tankage, etc.):	Topsoil stockpile storage areas, various haul roads internal to mine pit, drainage diversion ditches and sediment control structures
Location of End Market:	International Markets, Primarily Asia	Expected Types of Air Emissions (e.g., SO <sub>2</sub> , NO <sub>x</sub> , CO <sub>2</sub> , etc.):	CO <sub>2</sub> , NO <sub>2</sub> , SO <sub>2</sub> , PM 2.5, CO, VOCs, PAH, Trace Metal Conc, fugitive methane and Ozone
Project By-Products:	Coal Refuse	Types of Solid Wastes Generated:	Overburden Rock; Coal refuse will be generated and stored at adjacent facility
Expected Types of Water Effluent Releases (note the water bodies the effluent will be released to):	All effluent will be released into settling ponds and physically or chemically treated before being released to McPherson Creek or tributaries contributing to McPherson	Nearest Waterway/Waterbody (name and km):	McPherson Creek and unnamed tributaries of McPherson within the proposed disposition 0.1 km south of mine pit
Waste Disposition / Disposal (i.e., Disposal Well, Salt Caverns, Landfill, or Third-Party):	Overburden Rock – In previously mined pits. Coal Refuse – will be placed in existing coal refuse pile on adjacent operation	EPEA Approval Required (Y/N/Unknown):	Yes
Watercourse Crossings (type of crossing, any Class A to C waterbodies):	None anticipated	<i>Water Act</i> License Required (Y/N/Unknown. If yes, purpose, source and estimated volumes):	Y – Plant water, losses to fines storage, evaporation from pond surfaces, augmentation to fish bearing stream flow during low-flow periods. Volumes unknown at this time.
Regulatory Board(s) (AER/AEP/NRCB/AUC):	AER	Waterbodies Required (Y/N/Unknown/NA. If yes, # and ha):	Unknown
<i>Water Act</i> Approval Required (Y/N/Unknown. If yes, purpose):	Yes – disturbing ground, altering flow, direction of flow of surface and groundwater in association with mining of Phase II	Will any of the components or activities associated with the project affect fish and/or fish habitat? (Y/N):	Yes

Identify applicable sections of <i>Designated Physical Activities Regulation</i> pursuant to the <i>Canadian Environmental Assessment Act, 2012</i>	Area of mine operations; Phase II will be an expansion of an existing coal mine	Nearest Water Well (km) (Domestic and Commercial):	Domestic –3.7 km Commercial – Coalspur 0.6 km
Are any works or undertakings proposed to take place in, on, over, under, through or across a navigable water? (Y/N):	No	Access Improvements to Provincial Highway:	No. Access improvements were completed as part of the existing surface mine.
Nearest Provincial Highway (# and distance):	Yellowhead Highway 16 – 4.3 km	Total Area to be Disturbed (ha):	629.5 ha – Phase II Pit and drainage; 66.0 ha additional coal reject area on Phase I
Traffic Impact Assessment Required (Yes/No/Unknown):	Unknown if update is necessary from original assessment	Post-reclamation Land Use(s):	Managed spruce- lodgepole forest
Identify Existing Land and Water Use(s), Resource Management, or Conservation Plans Within or Near the Project site:	Coal Branch Sub-Regional Integrated Resource Management Plan, West Yellowhead Corridor Regional Integrated Decision, Alberta Grizzly Bear Recovery Plan, Athab Trout Recovery Plan, West Fraser's FMA	Reclamation Start and End (YYYY - YYYY):	Reclamation will be concurrent with mining; 2022-2034
Decommissioning Start and End (YYYY-YYYY):	2032 – current estimate	Historic Resources Impact Assessment Required (Y/N/Unknown):	Yes
Unique Environmental or Social Considerations (Describe or None):	wildlife, fish and fish habitat, vegetation, soils, wetlands, hydrology and surface water quality, benthic invertebrate, algae, concretion, air, noise, socioeconomic, human health	Estimated Operation Persons-Years of Employment:	250– 10+ years (current estimate)
Estimated Construction Person-Years of Employment:	Operation and construction personnel will be interchangeable	Method of Transport of Employees to Site (Construction and Operation):	Employee personal vehicles; vans used to transport laborers up to site
Construction or Operation Camp Required (Y/N/Unknown. If yes, on-site or off-site):	No	Is any part of the project on or next to federal lands?	No

<p>Will the project involve the manufacture and storage of explosives (Y/N):</p>	<p>Yes (storage)</p>	<p>Aboriginal Groups Involved in Stakeholder Engagement:</p>	<p>Aseniwuche Winewak Nation, Kehewin Cree Nation, O'Chiese First Nation, Ermineskin Tribe, Whitefish Lake First Nation #128 – per ACO</p>
<p>Date Stakeholder Engagement Started (Public/Aboriginal):</p>	<p>February 2019</p>	<p>Public Groups involved in Stakeholder Engagement:</p>	<p>Major groups include: Town of Hinton, Town of Edson, Yellowhead County and several others</p>