

BLACK POINT QUARRY AND MARINE TERMINAL FACT SHEET

The proposed Black Point Aggregate Quarry and Marine Terminal consist of the development and operation of a construction aggregate quarry and marine terminal in Guysborough County, Nova Scotia.

The project is being developed by Morien Resource Corp., a Nova Scotia-based mineral exploration and development company, and Vulcan Materials Company, a leading producer of construction aggregates in the United States.

PROJECT OVERVIEW

- **Project lifespan:** 50+ years
- **Quarry size:** 180 hectares of a 354 hectare property
- **Estimated volume:** 400+ million tonnes of high quality aggregate
- **Employment:** 120–150 direct and indirect jobs during peak production
- **Capital expenditure:** \$80–\$110 million

The proposed Black Point Aggregate Quarry and Marine Terminal is located along the south shore of Chedabucto Bay, approximately 4 kilometres west of Fox Island in Guysborough County, Nova Scotia. Entrance to the project site will be via an unpaved access road to be constructed from provincial Route 16 (Marine Drive). The quarry will not be visible from Route 16 and only the marine terminal will be visible from the south shore of Chedabucto Bay.

The quarry will be developed using drilling and blasting to remove material. Blasts are carefully designed and controlled by licensed operators to ensure they are safe and efficient.

Rock will be loaded into haul trucks for transport from the working face to the processing plant. The processing plant will reduce the size of the materials and separate and stockpile the different aggregate according to size. Engineering controls will be utilized to minimize noise and dust and reduce water consumption.

The aggregate will be loaded into bulk carriers and transported to ports along the eastern and Gulf coast of the United States and potentially to markets in Canada and the Caribbean. The proposed location is ideally suited due to its proximity to sheltered and ice-free deep water (>14 metres), enabling year round marine operations.



PROJECT BENEFITS

The proposed Black Point Aggregate Quarry and Marine Terminal will create significant direct and indirect economic benefits for the local community, province and region.

- Jobs and training in the community and region
- Use of local personnel, goods and services
- Increased municipal and provincial tax and revenue
- Municipal royalty revenue
- 155 direct and indirect jobs during site development
- 120-150 direct and indirect jobs during peak production

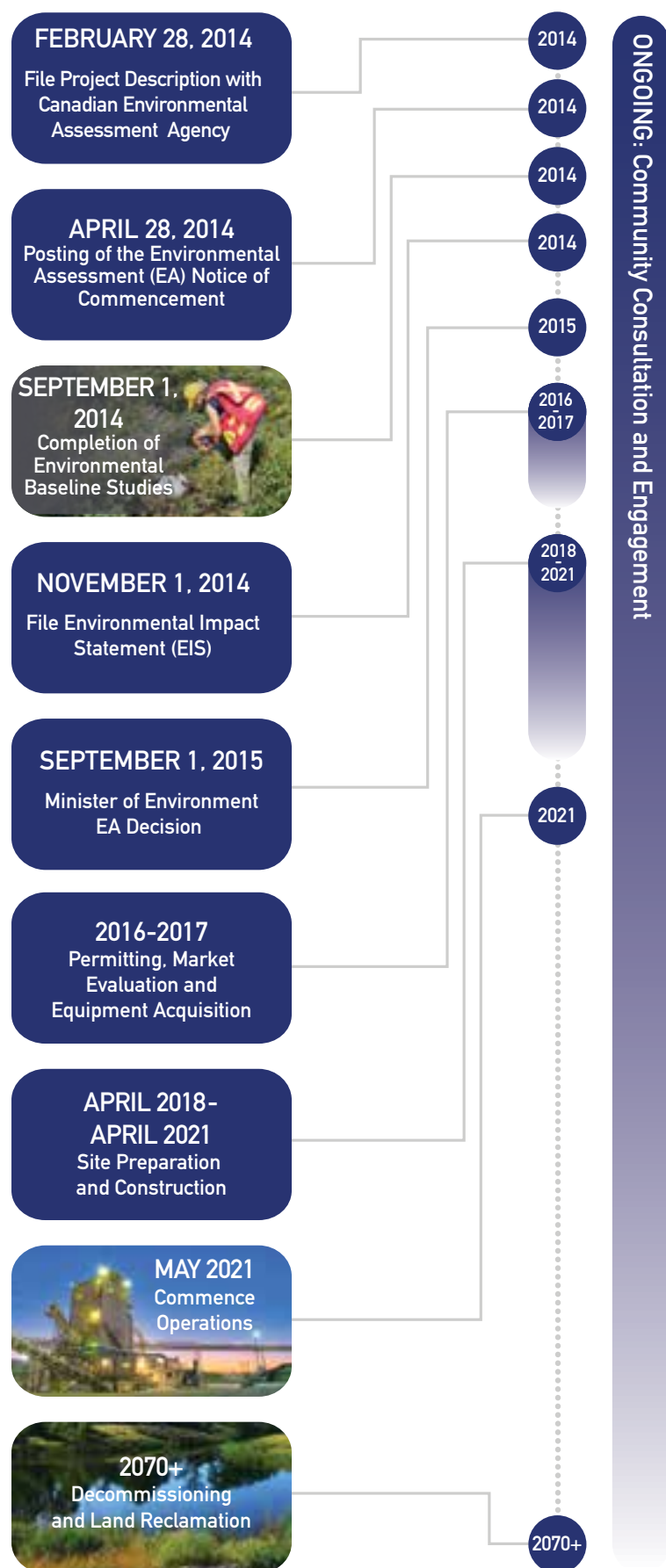
PRODUCTION PLAN

- Average annual production rate: 1 million tonnes (MT)
- Anticipated peak annual production: 2-5 million sellable tonnes
- Quarry and processing plant will operate for nine months of the year
- Marine operations will run up to 24 hours per day, 7 days per week, 12 months per year
- Approximately 2 ships per week at maximum production of 5 MT per year



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PROJECT SCHEDULE (PRELIMINARY)



WHAT ARE AGGREGATES?

Aggregates include crushed stone, sand and gravel primarily used in construction. The building blocks of our society, aggregates-based construction materials, such as asphalt and ready-mixed concrete, are used to build highways and roads, and other public works projects. Aggregates are used in the construction of housing, non-residential buildings, commercial and industrial facilities, railroad ballasts, and in non-construction uses, including agriculture and various industrial applications.

ENVIRONMENTAL ASSESSMENT

The Canadian Environmental Assessment Agency (CEAA) is leading a joint federal-provincial environmental assessment for the project. CEAA began the environmental assessment on April 28, 2014. Morien and Vulcan will submit an Environmental Impact Statement in November 2014, and Canada's Minister of Environment is expected to issue a decision by September 2015. For more information on the EA and the EA process visit www.ceaa-acee.gc.ca/050/details-eng.cfm?evaluation=80064.

PUBLIC PARTICIPATION

There will be several opportunities for public participation throughout the environmental assessment process and beyond, including information sessions where attendees will have the opportunity to talk with project representatives and have their questions answered.

For more information on the proposed Black Point Aggregate Quarry visit MorienRes.com/Black-Point or contact Morien Resources Corp at 902-466-7255 or info@MorienRes.com.