

Welcome!

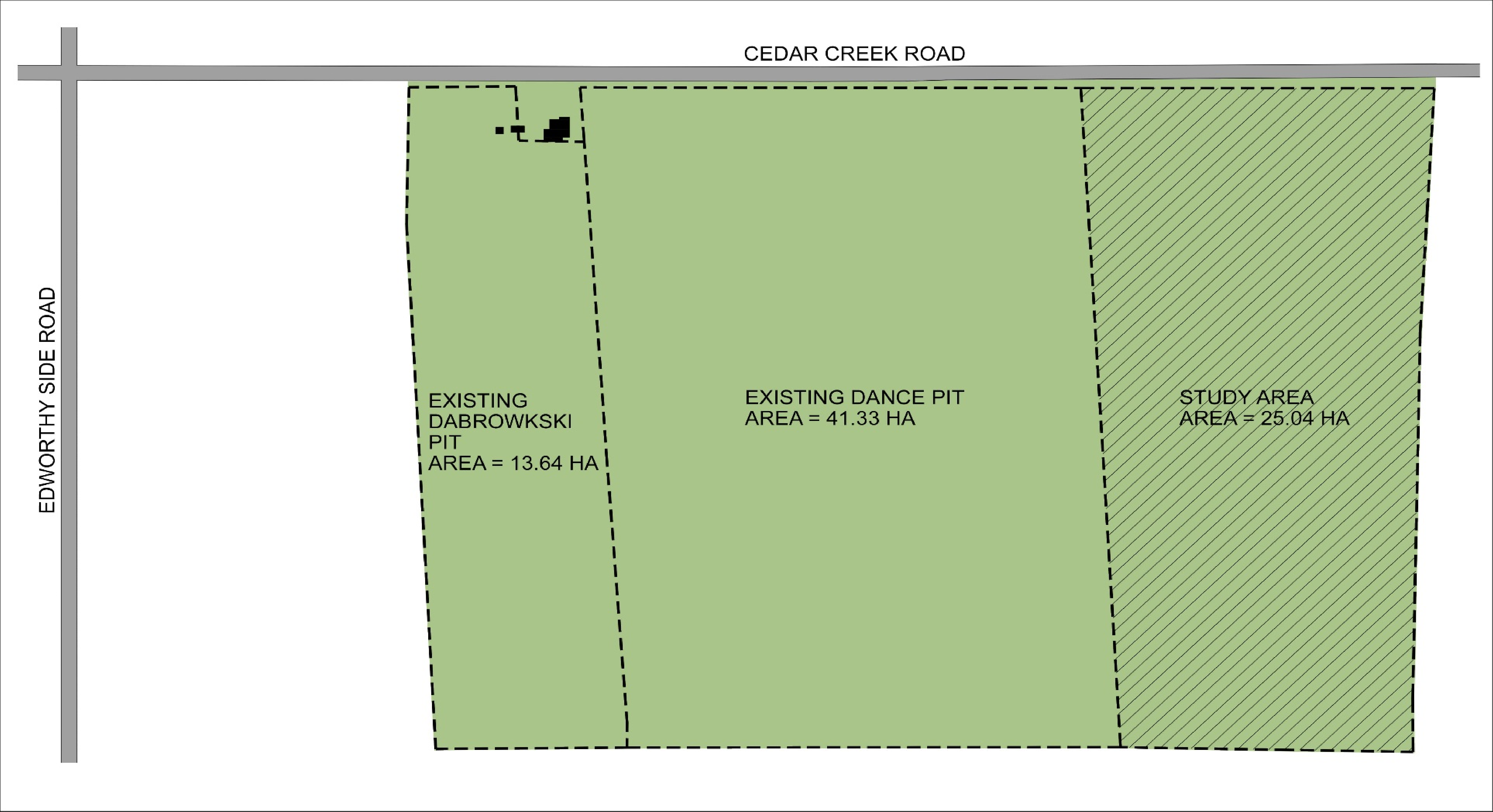
Thank you for coming tonight to learn more about the Dance Pit and our proposed expansion plans.

Background Information

- CBM Aggregates, a division of Votorantim Cimentos, currently own and operate the existing gravel pit on Cedar Creek Road, known as the Dance Pit. Currently, we are investigating the feasibility of expanding these operations into approximately 25 hectares (61 acres) of land to the east of the existing site.
- We are here tonight to hear from you – our neighbours – so that your thoughts and ideas can be used to help develop a potential future application under the Aggregates Resource Act (ARA) if it is determined that this project is feasible.



Site Map



Sand and Gravel in our Lives

Although it is not always recognizable, sand and gravel is an essential part of almost everything we build in Ontario, providing resilience to concrete, asphalt, bricks, mortar, and many other construction materials. Sand and gravel is also used as a base under structures to provide additional strength and/or drainage to keep structures stable.

When you total it all up, it requires over 440 tonnes, that's 22 truck loads, of sand and gravel to build one home in Ontario. Imagine the millions of tonnes used to build the public and commercial roads, highways, parks, churches, schools, offices, and commercial buildings we all use!

- 13,000 tonnes (650 truck loads) of sand and gravel to build a small school

- 16,000 tonnes (800 truck loads) of sand and gravel to build an office tower

- 19,000 tonnes (950 truck loads) of sand and gravel to build one kilometre of 6-lane expressway

Take a look at this cut-away photo of a typical subdivision street and you'll see many of the elements, both visible and hidden, which we rely upon every day. All of these elements require sand and gravel.



Add to this the ongoing requirements for maintenance, such as road sanding to ensure safe winter driving conditions, or repairs to aging structures, and the demand for sand and gravel escalates. In Ontario, the actual usage for every man, woman, and child is more than 16 tonnes each year, the equivalent of one and a half truck loads per person. This totals around 170 million tonnes of sand and gravel used every year in Ontario – more than any other natural resource in the province.

Sources: Ontario Stone, Sand & Gravel Association www.apao.com and “*” from www.aggregateresearch.com.

CBM/Votorantim in the Community

Community Engagement

We serve as a vital economic engine and active participant in our communities. We are committed to supporting local causes and improving our dialogue with our neighbours. CBM have been operating in this area for many years and we are active in our support of community initiatives including:



- Assisting with the construction of the RARE Charitable Reserve Parking Lot;
- Donation of \$25,000 for construction of the North Dumfries Community Centre;
- Donations of material for grading ball diamond in Ayr;
- Donation of material for two community trails;
- Ongoing support for the Park Hill Dam Project;
- Working with North Dumfries Aggregate Advisory Committee to address concerns and help educate the public concerning responsible aggregate site operations;
- The primary and best known charity events that we support and participate in include the Pink Cement Mixer campaign for Breast Cancer Research and the Becel Ride for Heart and Stroke;
- The Company have also modified its working operations at the existing Dance Pit at the request of the community including upgrading our entrance and using quiet back-up warning devices on our mobile equipment.



The Resource

- The sand and gravel resource on this property is a glacial deposit which is unusually uniform and very high quality. The stone size and composition is excellent for crushing to produce high strength concrete and asphalt stone and sand. The strength and durability of concrete and asphalt comes from the stone and therefore the Dance pit materials are used almost exclusively for this.
- The materials produced here will be used to construct and maintain the roads, buildings, and infrastructure that we rely upon in the Tri-City area and beyond.



Existing Site Operations



HAUL ROAD IN EXISTING PIT TREATED WITH DUST SUPPRESSANT



PROCESSING AREA IN EXISTING PIT



PROCESSED AGGREGATE READY FOR LOADING ON TRUCKS AT EXISTING PIT



STOCKPILES OF VARIOUS PRODUCTS READY FOR SHIPPING

Existing Site Operations



EXISTING FARM FIELD - CASH CROPS



EXISTING PIT FACE OF HIGH QUALITY SAND AND GRAVEL

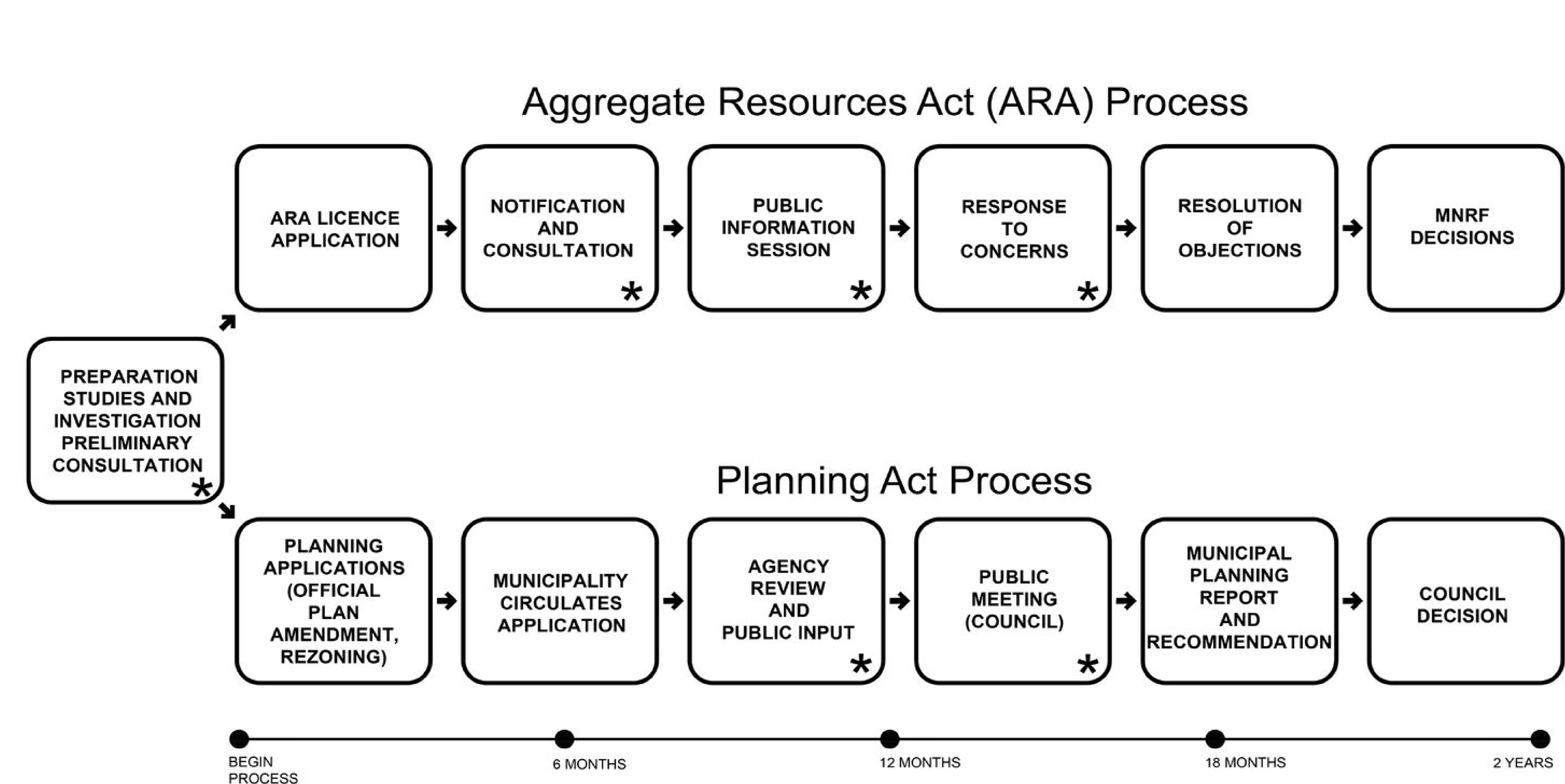


PROGRESSIVE REHABILITATION OF SIDE SLOPES



RETURN TO AGRICULTURE POST EXTRACTION

Required Approval Processes



Operational Assumptions

- **Hours of Operation:** To be determined
- **Tonnage Limit:** 750,000 tonnes per year (no increase from existing).
- **Site Preparation:** Topsoil and overburden will be stripped sequentially and stored in perimeter berms. Berms will be stabilized with vegetation immediately.
- **Extraction:** There will be no extraction closer than 1.5 m above the established water table. Extraction will be completed by one front end loader working at the face and moved to the existing Dance Pit for processing and shipping. The maximum face height will be 10 m with a maximum of 2 lifts. There will be no portable processing (Screening/stockpiling) at the face. Dust control by water or provincially approved dust suppressant.
- **Shipping and Processing:** Processing will take place in the existing site and all material will be shipped using the existing exit/entrance. There will be no increase in shipping traffic leaving the site.
- **Other:** There will be no storage of fuel, no buildings or scales and no permanent light standards.
- **Rehabilitation:** Once extraction is complete the site will be rehabilitated back to agricultural use.

Existing Environmental Conditions

Natural Environment

- The study area is composed of an open agricultural field with some small natural areas of meadow, woodland and forest along the field edges.
- All plant species found in the study area are secure and common in Ontario or are considered exotic or invasive.
- Studies are being conducted to check for the presence of Species at Risk (SAR) and Provincially Significant Wetlands (PSWs) as well as other wildlife habitats.



Archaeology

- There are three Indigenous findspots in the study area including a projectile point, a hammerstone and a biface fragment.
- This shows that the area was utilized by pre-contact Indigenous peoples, however the isolated nature of these findings suggests that habitation areas were located elsewhere.



Existing Environmental Conditions

Air Quality

- Best management practices are implemented at the existing site to minimize the effects on local air quality. These will continue to be implemented as part of an expansion.
- Current air quality studies show that the site is operating in compliance with provincial air quality standards.
- Before any expansion, the air quality studies will be updated to show that the new operations will continue to demonstrate compliance with provincial air quality standards.



Noise

- Management practices are implemented at the existing site to minimize the onsite and offsite noise levels on the environment.
- It is important to us that you are not disturbed by noise from the site, noise measurements and modelling will be completed to assess potential future noise levels prior to the expansion.
- Existing practices will be maintained as much as possible which will include keeping the majority of processing equipment in the existing site.



Existing Environmental Conditions

Surface Water

- We want to make sure that any site operations do not affect the amount and quality of surface water in the vicinity of the site.
- Studies will account for land use and topographic changes in order to assess the potential effects of aggregate extraction on surrounding water resources.

Traffic

- There will be no increase in traffic leaving or entering the existing Dance Pit site.
- Currently traffic enters and exits the existing site via one access point on Cedar Creek Road, it is not intended that this will change should the pit be expanded.
- The current entrance has been designed to accommodate heavy truck traffic and has operated safely and efficiently to date.



Existing Environmental Conditions

Hydrogeology

- Hydrogeological studies will be conducted on the study area, including measuring water levels and analyzing water quality in monitoring wells.
- These studies will be used to evaluate any effects on surrounding features and private wells and ensure that site operations do not affect water quality near the site.
- Quarterly on-going monitoring of groundwater and wells is proposed. This will be conducted by qualified professionals and will be submitted to the appropriate regulatory body for recording.



Next Steps

- Thank you for joining us tonight and sharing your thoughts with us.
- Please take the time to complete a comment form and add your name to our contact list so that we can keep you updated on project activities.
- We want your ideas! We are really interested in hearing what is important to you and having you help us to make an informed decision.

If you wish to discuss things further please contact:

Stephen May, Land Manager, CBM Aggregates

Email: stephen.may@vcimentos.com

Tel: 647 367 6707

For further project updates please see our website

www.cbmdancepit.ca

