



2024 OSSGA

Industry Advancement Awards

CBM, Aggregates Division Douglas Pit and McLaughlin Pit

**Celebrating
Achievements
in Aggregate**



Community Relations

The Community Relations Award recognizes those who have demonstrated leadership in promoting good neighbour relations, community involvement, education, and industry awareness.

CBM, Aggregates Division | Shelter Valley Pit Township of Alnwick/Haldimand

CBM Aggregates' Shelter Valley Pit stands as a model of responsible operation, where noise and dust control are top priorities. The Shelter Valley Pit utilizes strategies like vegetated berms and tree screens to keep noise levels down, ensuring the pit blends seamlessly into its surroundings. In 2020, the company went above and beyond by removing a generator, further reducing noise. Trucks are restricted to daytime hours, and regular maintenance ensures all equipment runs smoothly, keeping unwanted sounds at bay.

The Shelter Valley Pit also takes dust control seriously, using water trucks and calcium suppressants. Long-term plans include rehabilitating the land to create green spaces that naturally prevent dust. Beyond operations, the site remains deeply committed to the community, donating to local causes like the Trenton Memorial Hospital. Through open houses, interactive websites, and a dedicated liaison committee, the company keeps the public engaged and informed, building strong relationships with neighbors and making sure their voices are heard.



Walker Aggregates & Construction | Sutherland Quarry Expansion Township of Georgian Bluffs

Walker Aggregates operates the Sutherland Quarry with a strong commitment to community engagement, environmental responsibility, and noise and dust control. All blasts are monitored to comply with MECP Guidelines, and neighbors are notified a day before any blasting. The quarry adheres to set operating hours and ensures dust management with regularly watered haul roads. Traffic is controlled according to a comprehensive Traffic Study, and all trucks travel on a paved County road.

Community involvement is central to Walker's values. In 2024, they supported Habitat for Humanity with aggregate donations and volunteer days. They also continued contributing to local environmental projects, including fish and wildlife conservation efforts on the Upper Sydenham River. Public outreach events like BBQs and "Touch the Truck" activities allow the community to engage with the quarry. Additionally, Walker sponsors local events and charities such as the Salmon Spectacular fishing derby and the Hanover Splash Pad fundraiser. Regular stakeholder meetings and newsletters ensure ongoing communication with neighbors.



Walker Aggregates & Construction | Duntroon Quarry Clearview Township

The Duntroon Quarry is dedicated to fostering positive relationships with neighbors while maintaining efficient quarry operations. Noise and vibration levels from blasts are continuously monitored to ensure compliance. Measures like equipment covers, rubber-lined haul trucks, and a delayed start for loading oversized stone help minimize disturbances. Dust is controlled by regularly watering roads and stockpiles, and speed limits are enforced on internal roads to reduce dust from truck traffic. A retired police officer is hired to monitor traffic to prevent reckless driving.

The Duntroon Quarry remains actively involved in the community, contributing to local charities and hosting events like a well-attended family day. Donations support organizations such as the Hospice Georgian Triangle Foundation and the Kinette Club of Wasaga Beach. Communication is prioritized through regular newsletters, a dedicated website, and open dialogue with neighbors. Walker also engages employees through monthly meetings and training, and hosts educational events to attract young talent to the industry.





Walker Aggregates & Construction | McGregor Quarry Town of Amherstburg

McGregor Quarry prioritizes positive neighbour relations by controlling noise, dust, and traffic. Noise is minimized through seismograph monitoring, equipment covers, and tree berms, while dust is managed with regular watering, brine application, and equipment covers. Traffic safety is ensured with clear signs and monitoring. Neighbors are notified before blasts, and complaints are tracked for continuous improvement. The quarry actively supports the community through donations, event sponsorships, and hosting a summer PLC event.

Communication is maintained via biannual newsletters, a dedicated website, and direct contact with management. Quarry employees stay informed through monthly meetings, live-streamed town halls, and the REACH magazine. In 2024, the quarry educated industry professionals with a tour for the Drainage Superintendents of Ontario.

Walker Aggregates & Construction | Severn Quarry Town of Severn

Severn Quarry is dedicated to maintaining strong ties with the local community through transparent operations and active engagement. Blasts are monitored, and blast depth was reduced in 2024 to lessen impact. Berms and covers minimize noise, while weekend crushing and shipping are limited. Dust is controlled by regular watering, a new water truck, and updated dust collectors. Traffic is monitored by a retired officer, with speed signs and no-truck zones in place. Neighbours are personally notified before blasts, and complaints are tracked.

The quarry contributes to the community by sponsoring events and donating to causes like the United Way and Soldiers Memorial Hospital. Annual PLC BBQs facilitate direct communication, while a biannual newsletter and a new website keep the community informed. Severn Quarry also hosts educational events, including tours for local students, and encourages open communication with management.



Walker Aggregates & Construction | Vineland Quarries & Crushed Stone Town of Lincoln

Vineland Quarries actively engages with the local community, focusing on responsible operations and fostering positive relationships. Blasts are monitored with Explotech to ensure compliance, and dust is controlled through regular watering and equipment covers. Traffic is managed by a retired police officer to ensure safe driving. Neighbours are personally contacted before blasts, and a complaint record is kept.

Community involvement includes the restoration of a Vineland Scouts building, Earth Day clean-up events, and helping with Habitat for Humanity builds. The quarry also hosted Niagara Regional Police for shooting practice, using silencers to minimize noise. Communication includes a biannual newsletter, a dedicated website, and open-door policies for community inquiries. Educational initiatives include an annual open house, bus tours, and hosting agrologists to discuss rehabilitation efforts. The quarry also offers archaeological enthusiasts the chance to search for fossils.



Progressive Rehabilitation

OSSGA recognizes the ongoing efforts of individual operators to progressively rehabilitate their sites per their site plans.

CBM, Aggregates Division Douglas Pit and McLaughlin Pit West Nissouri Township

The goal of this award winning rehabilitation project was to transform the Douglas and McLaughlin Pits into stable, vegetated landscapes with 3:1 side slopes that blend seamlessly into the surrounding natural habitats, including a nearshore wetland area. The project covered a licensed area of approximately 7 hectares, with a final rehabilitated footprint of 6.26 hectares. Starting in December 2023, equipment like a D6 Dozer and a 986 excavator were used to contour slopes, using about 40,000m³ of material for shaping and adding topsoil where needed. The shoreline was contoured to include a safety bench with a 10:1 slope. Woody debris and oversized rocks were placed in the lake and nearshore to enhance biodiversity. In spring 2024, seeding was carried out, including a winter wheat grass and legume mix, followed by overseeding with alfalfa, timothy, and white clover. Native wetland species and live stakes were also planted along the shoreline, completing the rehabilitation by May 2024.





CBM, Aggregates Division | Sunderland Pit Township of Brock

CBM Aggregates' Sunderland Pit set out to establish stable, vegetated 3:1 side slopes and naturalize the pit floor. The pit spans 343.5 hectares, with 256.38 hectares designated for extraction, and the latest project covered 3.4 hectares, including 1.4 hectares of slope rehabilitation and 2 hectares of floor restoration. Earth-moving work began in February 2024 and lasted 13 days, with Higgs and Higgs Inc. using a D8 bulldozer to shape the slopes and a D6 bulldozer to spread and grade approximately 5,205 m³ of topsoil. The topsoil was sourced from a berm on the property, with a 6-inch depth applied to the slopes and pit floor. To enhance vegetation growth, the slopes were tracked vertically to maximize seed retention. In May 2024, hydroseeding was completed using a mix of various grasses and legumes, with specialized mulches for both slopes and the floor.

Green Infrastructure Partners Inc. | Armitage Pit Township of West Carlton

Progressive rehabilitation at GIP's Armitage Pit has been ongoing, with efforts including pond restoration, sloping pit sidewalls to 3:1, and covering them with topsoil before planting a mix of rye and clover. Tree species like Red Osier Dogwood, white spruce, and white pine, along with shrubs such as staghorn sumac, were planted to enhance wildlife and fish habitats. By 2016, 580 trees and shrubs were planted. Topsoil stockpiles are seeded to reduce erosion, and vegetation is maintained throughout operations. The final rehabilitation plan includes a self-contained pond with sloped walls, additional planting, and shoreline restoration to support the local wetland complex and wildlife habitat.



Green Infrastructure Partners Inc. | Riddell Pit City of Ottawa

The final rehabilitation plans for the Riddell Pit include sloped pit faces seeded with grass and legumes and planted with trees like maples, white pine, and white spruce. Phase 3 will be transformed into a large lake, with side slopes above the water table sloped at 3:1 and those below naturally sloped. These will be covered with topsoil, seeded, and planted with nursery stock. Existing tree screens will be maintained in the setback area. The rehabilitation efforts aim to create a thriving ecosystem that integrates with surrounding agricultural lands, forests, and wetlands. To date 5.5 ha of pit-faces along the northern and western limits have been sloped, seeded and planted with trees.



Progressive Rehabilitation



Green Infrastructure Partners Inc. | Torbolton Pit City of Ottawa

Progressive rehabilitation at the Torbolton Pit covers approximately 50 hectares, including pond rehabilitation (20 ha) and tree/shrub planting (10 ha). The northern area, particularly around the pond, has seen the creation of perpendicular shorelines, sloping pit faces, and planting of tree species like Red Osier Dogwood and High Bush Cranberry along the shorelines. Over several years, tree planting has been carried out to prevent erosion, with species such as White Pine, Red Pine, and White Spruce. Native trees and stumps have been placed in riparian areas to support aquatic and wildlife habitats. Final rehabilitation plans include creating a self-contained pond within one year of operations ceasing. The shoreline will be sloped, covered with topsoil, and seeded, with further planting of tree species like Willows and Silver Maple. Additionally, stumps and oversized rocks will be placed in the pit to enhance fish spawning and provide wildlife habitat.

Lafarge Canada Inc. - A Member of Holcim | Brantford Pit County of Brant

The objective of the Brantford Pit rehabilitation was to stabilize former extraction areas with shallow shorelines and natural features. The project involved sloping and seeding the southern shoreline and side-slope areas, which required approximately 14,000 cubic meters of overburden and topsoil. The material was excavated using a D6 Dozer and transported by articulated trucks. The slopes were graded to a 3:1 ratio, with topsoil spread at an average thickness of 20 cm. A native grass/legume seed mixture, including Creeping Red Fescue, Kentucky Blue Grass, and White Clover, was applied in May 2024. The total area rehabilitated was 12,500 square meters. This rehabilitation aimed to ensure long-term stabilization and encourage natural re-vegetation, contributing to a sustainable ecosystem once resource extraction was completed.



Lafarge Canada Inc. - A Member of Holcim | Clark Pit City of Ottawa

The Clark Pit set out to restore the former extraction areas to their original grade for future industrial use, as the site is located in an industrial area of Ottawa. The work, completed over 22 years, involved filling, sloping, and grading the land. Approximately 2.5 million tonnes of soil were imported during this period, and the site was returned to its original topography, with the western side sloped to a 3:1 ratio. Overburden was used to meet topsoil requirements, with a layer spread at an average thickness of 8 cm. Although seeding was not required for the final stage of rehabilitation due to the site's intended use, natural vegetation successfully established itself. The project ensured the site would be usable for future industrial purposes by 2024, as the area naturally progressed towards a self-sustaining landscape.



Progressive Rehabilitation



Miller Paving Limited - A Colas Company | Boyington Pit 3 Township of Uxbridge

The Boyington Pit, located on the Oak Ridges Moraine, spans approximately 196 hectares. While the site is an active pit, about 50% of the land is now used for agricultural production. The rehabilitation plan aims to return the pit floor to agricultural use after extraction, with pit faces sloped to mirror the area's natural topography. Over the past four years, approximately 31 hectares of disturbed land have been rehabilitated, including 12 hectares in 2021 and 8 hectares in 2022. In 2023, another 7 hectares of the pit floor were rehabilitated. The 2024 rehabilitation involved grading and topsoil placement on 3 hectares using a D6 dozer. The land is then seeded with crops, such as corn, soybeans, and wheat, to maintain agricultural use. The company's partnership with Highview Holsteins ensures crop rotation and soil fertility improvements, with corn chosen as the first crop to integrate the rehabilitated lands into the farm's rotation.

E.C. King Contracting - A Colas Company | Breadner Pit Grey County

The Breadner Pit was previously an apple orchard, which faced challenges with poor soil moisture retention due to the gravel content in the ground. Progressive rehabilitation work began in 2022, with the west end of the pit rehabilitated to agricultural conditions in late summer. In spring 2024, the remaining disturbed area at the east end of the pit was rehabilitated. A total of 6.44 hectares, including 5.82 hectares within the extraction limits, were rehabilitated. By June 2024, the site was fully transformed into pastureland. In the long term, the site is planned to return to its original orchard condition, with the internal roadway remaining to provide access to both existing and future orchards on the rehabilitated land.



Pioneer Construction Inc. | Laurentian Pit City of Sudbury

In 2024, Pioneer Construction Inc. completed progressive rehabilitation at its 15.6-hectare Laurentian Pit in Sudbury. The rehabilitation involved reshaping and sloping the two main pits. Existing overburden was spread across the site to create a 3:1 slope that supports drainage to a shallow seasonal catchment pond. The slopes were then covered with a thin layer of fine silts and clays. Following this, a fall seed mix was applied, which included a nurse crop of Fall Rye and Ryegrass, and a seed mix consisting of Creeping Red Fescue, Perennial Ryegrass, Kentucky Bluegrass, and White Clover. Two months later, the vegetation had successfully germinated, with healthy growth observed. A total of 1.8 acres were rehabilitated during the project.



Progressive Rehabilitation



VicDom Sand & Gravel | Middleton Pit Township of Uxbridge

The Middleton Pit, an expansion property for the main license, was formerly farmland and was used for concrete quality aggregate extraction from 2019 to 2022. The rehabilitation plan, completed in 2024, aimed to restore the site as open grassland, cropland, and a small pond to provide habitat for meadowlark birds and waterfowl. Overburden material was used to backfill the site to its original rolling hills landscape, with a total rehabilitated area of 3 hectares. In the first year, a wheat crop was planted to stabilize soils and slopes. The topsoil depth ranged from 8 to 12 inches. Equipment used included excavators, rock trucks, bulldozers, and tractors. Rehabilitation work began in the summer of 2023 and was completed in the spring of 2024. This project restored the site to an ecologically beneficial habitat while maintaining agricultural use potential.

Walker Aggregates & Construction | Gowanlock Pit Grey County

Rehabilitation of the Gowanlock pit, spanning 15 years, aimed to return the site to agricultural use. In 2024, final rehabilitation work was conducted in the northeast section of the pit, covering 5.8 hectares, after the removal of the last stockpile of "A" gravel. This work, completed from mid-August to mid-September 2024, involved leveling the pit floor and minor rehabilitation of remaining small faces/slopes. A Cat D8 bulldozer was primarily used, with a Hitachi 330 excavator and two rock trucks assisting with transporting topsoil. The site, with minimal overburden but a large stockpile of 15,000 tonnes of topsoil, had topsoil applied at a depth of approximately 400 mm. Fertilizer was spread across the area, and in 2025, it will be rented to an adjacent farmer. The Ministry of Natural Resources (MNR) inspected and confirmed that the site met rehabilitation requirements in October 2024.



A SPECIAL THANKS TO THE JUDGES

The Industry Awards Review Panel was comprised of Danielle Solondz, The Ontario Aggregate Resources Corporation, Moreen Miller, Brandy Creek Consulting, Matt Bertram, Skelton Brumwell & Associates, and Vince Deschamps, MHBC Planning.

Property Enhancement



The Property Enhancement Award recognizes operational best practices at a site's entrance, approach and perimeter screening, office and scale house areas, employee areas, plant appearance, environmental controls, truck and mobile equipment, and communicative signage. Sites that initially meet the minimum requirements in each of the aforementioned sections are awarded a plaque. Site operators are then provided with an opportunity to win a "gold" bar for each section by meeting the comprehensive list of criteria for each. There are a total of seven "gold" bars that can be achieved.


Lafarge Canada Inc. - A Member of Holcim | Brantford Pit County of Brant

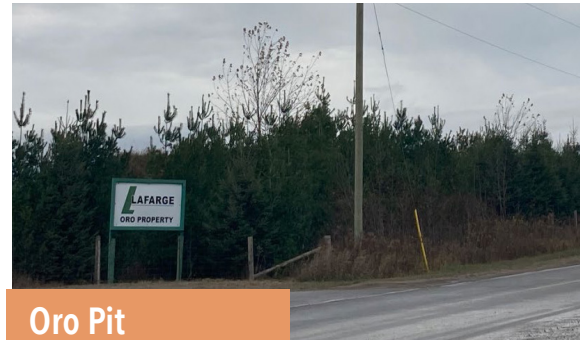
 **Gold Bar:** Environmental Controls



Brantford Pit


Lafarge Canada Inc. - A Member of Holcim | Oro Pit Township of Oro-Medonte

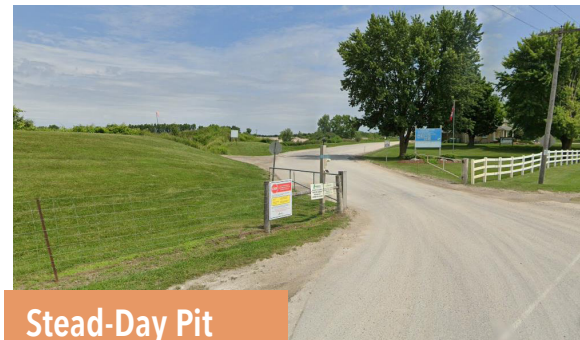
 **Gold Bar:** Entrance Approach & Perimeter Screening; Office & Scalehouse Areas, Employee Areas; Environmental Controls; Communicative Signage



Oro Pit

Lafarge Canada Inc. - A Member of Holcim | Stead-Day Pit City of London

 **Gold Bar:** Entrance, Approach & Perimeter Screening; Office & Scalehouse Areas

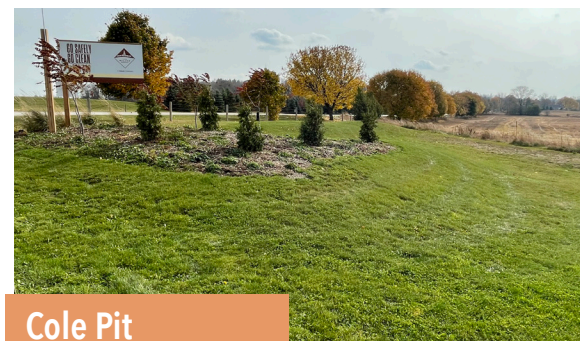


Stead-Day Pit

Miller Aggregates - A Colas Company | Cole Pit Wellington County

Plaque


 **Gold Bar:** Entrance, Approach & Perimeter Screening



Cole Pit

MRT Aggregates Inc. | MRT Havelock Quarry Township of Havelock Belmont Methuen

Plaque

 **Gold Bar:** Entrance, Approach & Perimeter Screening; Office & Scalehouse Areas; Communicative Signage



Havelock Quarry



Property Enhancement

Miller Aggregates - A Colas Company | Murphy Pit Complex North

Township of Minto

Gold Bar: Environmental Controls

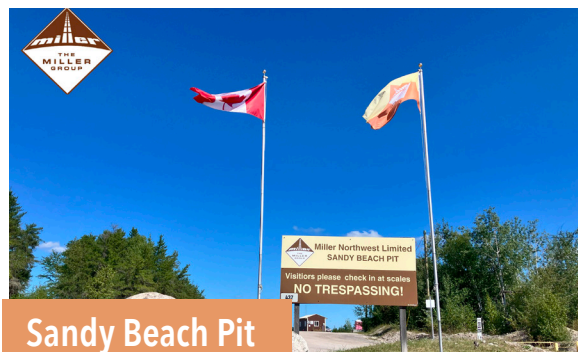


Nipissing Quarry

Miller Paving Limited - A Colas Company | Nipissing Quarry

Nipissing First Nation

Plaque
Gold Bar: Entrance, Approach & Perimeter Screening; Office & Scalehouse Areas; Plant Appearance; Environmental Controls; Trucks & Mobile Equipment; Communicative Signage



Sandy Beach Pit

Miller Northwest Limited - A Colas Company | Sandy Beach Pit

Zealand Township
Gold Bar: Plant Appearance, Environmental Controls, Trucks & Mobile Equipment

E.C. King Contracting - A Colas Company | Sydenham Quarry

Grey County
Gold Bar: Plant Appearance



Sydenham Quarry

R.W. Tomlinson Limited | Napanee Quarry

Township of Fredericksburgh
Gold Bar: Entrance Approach & Perimeter Screening; Office and Scalehouse Areas; Plant Appearance; Communicative Signage



Napanee Quarry



Murphy Pit Complex North



The Safety Innovation Award recognizes innovative practices, programs and projects in Ontario's aggregate industry. The award honours innovations that improve the health and safety of employees, subcontractors and the public in the areas of OHS management systems, health and safety training, wellness programs and culture.



**CRH Canada Group Inc.
Dufferin Aggregates**

**Project: Primary Loading Improvement
Acton Quarry**

Project Team: Brett Yake, Darwin Rosales, Adam Reath, Tyrone Wilson

Acton Quarry's Primary Loading Improvement Project aimed to improve safety and efficiency at the hopper loading stage, where loaders had to reverse down a long ramp, creating a hazard. The redesign, part of the 2024 Mine Plan, repurposed material from the old primary feed ramp, creating a safer layout where trucks could dump material while loaders fed the plant. This change eliminated the need for reversing and allowed for the operation of a single loader instead of two, reducing equipment costs by approximately \$320K annually. The reduction in loader use also led to an estimated 170K kg of CO2 eq emissions saved. The project decreased loader travel, minimized incidents, and improved overall efficiency, making the process safer and more sustainable.

HONOURABLE MENTION

The Miller Group Limited

Project: Who's in Your Backyard?

Markham Office

Project Team: Health, Safety and Environment, and all Operations Teams

The "Culture Change" program, "Who's in Your Backyard?", aims to personalize safety at the Miller Group, reducing incidents both at work and home. Inspired by the survival story of Mount Everest climber Beck Weathers, the program encourages employees to reflect on who depends on their safety, emphasizing family and loved ones. By fostering a culture of mutual care, the initiative promotes a shift towards Stage 4 of the Dupont Bradley Curve, where employees actively look out for each other. In 2023, business leaders shared personal stories about safety in their "Backyard" during B2 Budget Meetings, highlighting the deep emotional connection to the program. This initiative has since been expanded to orientations and meetings in 2024, bringing empathy and unity to the workplace. The program emphasizes the importance of safety, showing its broader impact on personal and professional lives.

