



OSSGA Awards Summary

AGGREGATES AND AGRICULTURE: UNDERSTANDING THE IMPACTS OF AGGREGATE PRODUCTION ON AGRICULTURE AND IDENTIFYING MITIGATING STRATEGIES

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1.0 Introduction and Methods

As part of the University of Guelph research project titled “Aggregates and Agriculture: Understanding the Impacts of Aggregate Production on Agriculture and Identifying Mitigating Strategies”, this report has been prepared as a background document to help determine best management practices for the interactions between aggregates and agriculture. The goal of this report is to provide a perspective from the aggregate producer as a summary of various tools or community involvement initiatives undertaken by aggregate producers throughout Ontario.

In this report the Ontario Stone, Sand & Gravel Association’s (OSSGA) Industry Recognition Awards Program winners are reviewed and summarized. Awards are given under four categories: Award of Excellence; Community Relations Award; Progressive Rehabilitation Award; and the Biodiversity Award & Environmental Achievement.

Below is a summary of each award winner in the four categories above, specific attention is given to interactions between aggregates and agriculture. The award winners are cited for community engagement examples including rehabilitation or screening, community newsletters, and barbeques as a few examples.

2.0 OSSGA Awards Summary

2.1 Awards of Excellence

This award is the highest honour presented in the OSSGA Industry Recognition Awards Program. This award highlights continued achievement in a range of aggregate operation avenues. Those receiving this award include aggregate pits or quarries that have already earned the other three awards granted by OSSGA. The recipients of this award are those that go above and beyond the industry standards in each of the other award categories.

2.1.2 Ridgemount Quarries, Walker Aggregates Inc., Town of Fort Erie (2020)

Summary of Awards work recognized

- Technology to monitor and mitigate noise, dust and vibration caused by operations;
- Maintains a traffic safety program to encourage road safety;
- Contributions to community through cash and materials donations:
 - Donated 168 tonnes of stone to habitat for humanity for a housing project in Port Colborne;

- Cash donation to the Friends of Fort Erie's Creeks;
- Cash donation to the Greater Fort Erie Centre for the Arts;
- Holds educational programs and site tours;
- Hosts paleontologists from across North America;
- Conducting rehabilitation project since 1999 to create a lake for recreational and natural activities;
- Recycles concrete and asphalt from local infrastructure construction projects, and also reuses equipment (i.e. tire retreading program);
- Incorporates energy saving technologies and operates recycling programs for other materials;
- Walker Aggregates has an "Earth 1st Philosophy" encouraging their operation sites to efficiently operate, reduce impacts, plan and design, ensure high environmental output and to dominate in innovation and leadership.

2.1.3 Woodstock Quarry, Lafarge Canada Inc., Town of Zorra (2017)

Summary of Awards work recognized

- Quarry participates in tree planting events;
- Contributions to local groups;
- Conducts tours for students and community members;
- Volunteers and raises funds for Woodstock's Domestic Abuse Centre;
- On site improvements including a traffic and crosswalk, upgraded entrance and daylight triangle to encourage safety and site aesthetics;
- Preventative maintenance, and noise and dust control to minimize operation effects on neighbouring properties;
- Rehabilitation of 550 hectare site including final extraction.

2.1.4 McGregor Quarry, Walker Aggregates Inc., Town of Amherstburg (2017)

Summary of Awards work recognized

- Installation of automatic front gate, paved areas to reduce dust and upgraded site signage;
- Berm plantings and trees along site perimeter
- Continual investments to keep equipment and work zones clean and safe;
- Rehabilitation of 12.88 hectare area of overall 126.65 hectare site;
- Sponsored Town of Amherstburg's Canada 150 Canuck it Up! festival;
- Sponsored Annual Essex Region Conservation Golf Tournament;
- Regularly supports numerous local charities and events;
- Hosts staff barbeques, tours and class presentations;

- Connect with neighbours through website and newsletter notification.

2.1.5 Walker Brothers Quarries, Walker Aggregates Inc., Township of Stamford (2017)

Summary of Awards work recognized

- Site works to minimize impacts on neighbours including enhanced polyurethane screens, new water truck, installation of electronic radar signage, and new site traffic plan;
- Hosts open houses and educational events;
- Donations and support to local charities including Habitat for Humanity, Parkinson SuperWalk and All Sports All People's sledge hockey program;
- Rehabilitation efforts which include a scenic Ten Mile Creek Trail, and creating an ecosystem that is home to range of native plants and animals.

2.2 Community Relations Award

This award is presented to those who have demonstrated leadership in promoting good neighbor relations, community involvement, education and industry awareness.

2.2.1 Duntroon Quarry, Walker Aggregates Inc., Town of Duntroon (2020)

Summary of Awards work recognized

- Works to reduce impacts of operations and build relationships with neighbours;
- On site investigations in noise and dust mitigation strategies;
- Employs a retired police officer to control traffic safety and site operations;
- Notify adjacent neighbours prior to site blasts and maintain a complaint database with feedback;
- Hosting of annual events including Public Liaison Committee (PLC) holiday wine and cheese reception;
- Local monetary and material contribution to sports teams, Collingwood Salvation Army and Clearview Stayner Food Bank;
- Work with Bruce Trail Conservancy to develop 350 metres of trail adjacent to quarry;
- Release biannual newsletter, conduct site tours and host town hall gatherings;
- Maintain and promote information sharing throughout Covid-19 pandemic.

2.2.2 Keppel Quarry, Walker Aggregates Inc., Township of Georgian Bluffs (2020)

Summary of Awards work recognized

- Measures to respect neighbours through controlling noise and dust emissions, and measures to keep truck traffic safe along Grey Road 17;
- Material donations to many community organizations:
 - 22 tonnes of stone to Grey Bruce Animal Shelter;
 - 5 cubic metres of concrete to repair the Lion's Head Lighthouse;
 - 44 tones of 4 inch gravel for cattle crossing at a private farm in cooperation with Grey Sauble Conservation Authority's Upper Sydenham water quality improvement program;
- Donation of machines and operators for stream and habitat enhancement along Upper Sydenham River;
- Financial support to numerous sporting organizations;
- Information sharing through public meetings, site visits, and education tours for Bluewater District School Board;
- Online newsletters and digital forms of information sharing amid Covid-2019.

2.2.3 McGregor Quarry, Walker Aggregates Inc., Town of Amherstburg (2020)

Summary of Awards work recognized

- Noise, dust and traffic mitigation strategies;
- Contributions to local organizations and initiatives including stone material to Gesstwood Camp and Education Centre, Essex County Steam and Gas Museum, and local highway maintenance projects;
- Sponsors local golf tournaments;
- On-site hosting of the Windsor Police Service for long-range target practice;
- Host annual summary community barbeque;
- Notification prior to site blasting;
- Host school tours and site meetings;
- Information sharing through newsletter and personal interactions with community members.

2.2.4 Ridgemount Quarries, Walker Aggregates Inc., Town of Fort Erie (2020)

Summary of Awards work recognized

- Utilize Explotech technology to monitor noise and vibration, and utilize equipment covers and watering to control dust;
- On-site traffic safety including vehicle beacons, traffic enforcement officer, and records of neighbor complaints;
- Material and cash donations including 168 tonnes of stone to Habitat for Humanity and cash to Greater Fort Erie Centre for the Arts;
- Hosts paleontologists from across North America on a weekly basis;
- Hosts police forces to conduct “large vehicle disruption” training;
- Information sharing through newsletter and other forms of communication.

2.2.5 Severn Quarry, Walker Aggregates Inc., Township of Severn (2020)

Summary of Awards work recognized

- Donations to food banks and additional support during Covid-19;
- Hosts groups and events on-site including educational tours for Georgian College students;
- Hosts PLC wine and cheese reception and summer barbeque;
- Information sharing through biannual newsletter and personal visits.

2.2.6 Vineland Quarries, Walker Aggregates Inc., Town of Lincoln, (2020)

Summary of Awards work recognized

- Efforts to control noise, dust and traffic of site operations;
- Material donations include 444 tonnes of stone to Habitat for Humanity, 1st Lincoln Club Scout Camp and horse Centre for Kids;
- Cash donations of \$1.5 million to Hospice Niagara toward construction of two palliative care centres;
- Hosts site tours;
- Supports outdoor rehabilitation projects;
- Hosts community barbeques and PLC wine and cheese reception;
- Hosts on-site meetings for Vineland Scouts who work with the quarry on roadway clean-up projects.

2.2.7 Walker Bros. Quarries, Walker Aggregates Inc., Township of Stamford (Niagara Falls) (2020)

Summary of Awards work recognized

- Utilize monitoring devices to control noise and vibration, and utilize equipment covers and watering to control dust;
- Hire retired police officer to enforce traffic safety;
- Ongoing communication with neighbours in advance of blasts, and accept feedback on site operations;
- Host Niagara Region Policy for explosive and K9 training;
- Material donations including 776 tonnes of stone to Upper Canada Heritage Trail
- Financial support and cash donations to Landscape of Nations Memorial Park in Niagara-on-the-Lake and cash donation of \$1.5 million to Hospice Niagara toward construction of two palliative care centres.

2.2.8 Sunderland Pit, CBM Aggregates a Division of Votorantim Cimentos, Township of Brock (2019)

Summary of Awards work recognized

- Daily control of noise, dust and traffic;
- Site tours with environmental technician students at Sir Sanford Fleming college;
- Hosting community open houses and family events to educate public and neighbours on site operations;
- Information sharing through newsletter and company website postings
- Sponsor of local projects including the Township of Brock Annual Charity Golf Tournament;
- Resource donations to events including the Sunderland Lions Club's beach volleyball tournament.

2.2.9 Duntroon Quarry, Walker Aggregates Inc., Town of Duntroon (2019)

- **Summary of Awards work recognized**
- Efforts to control noise, dust and traffic of site operations;
- Information sharing in website, newsletter and PLC events;
- Notification to neighbours including personal phone calls prior to site blasting;
- Sponsors Stayner Siskins OHA Junior C Hockey Club;

- Stone donation to Collingwood Agricultural Society, Osprey Snow Hawks Snowmobile Club, Habitat for Humanity Ontario Gateway North, Duntroon Community Hall and the Stayner Kinsmen;
- Cash contributions, volunteer support and donations to Collingwood Salvation Army and the Clearview Stayner Food Bank.

2.2.10 McGregor Quarry, Walker Aggregates Inc., Town of Amherstburg (2019)

Summary of Awards work recognized

- Efforts to control noise, dust and traffic of site operations;
- Hosts barbeque, site tours and annual PLC holiday wine and cheese reception;
- Hosts site tours for students from local schools and to public members to learn about site operations;
- Sponsors local fundraising events;
- Stone donations to organizations including Murchada House for Those with Exceptional Needs, Co-An Park, Gesstwood Camp & Education Centre, Essex County Steam & Gas Engine Museum and the Amherstburg Malden and Anderdon (AMA) Sportsmen's Association;
- Site staff organized a food drive and filled a truck for the Amherstburg Food Bank.

2.2.11 Severn Quarry, Walker Aggregates Inc., Township of Severn (2019)

Summary of Awards work recognized

- Utilize Explotech technology to monitor noise and vibration, and utilize equipment covers and watering to control dust;
- Hire retired police officer to enforce traffic safety;
- Information sharing and communication channels to keep neighbours informed of site operations;
- Hosts PLC events, local model airplane club meetings and student tours;
- Donates in-kind and through stone donations to organizations including Coldwater Legion and the Sharing Place Food Centre in Orillia.

2.2.12 Vineland Quarries, Walker Aggregates Inc., Town of Lincoln (2019)

Summary of Awards work recognized

- Efforts to control noise, dust and traffic of site operations;
- Host to a hut for local Scout troop, conservation lands and bee crates for a local beekeeper;
- Tours for students and interested members of the public;

- Donated 243 tonnes of stone including Newark Neighbours food bank, Pathstone Mental Health and Community Care of West Niagara;
- Volunteer and cash donations to enhance Vineland Community Park;
- Encourage open lines of communication for public inquiries and concerns.

2.2.13 Ridgemount Quarries, Walker Aggregates Inc., Town of Fort Erie (2019)

Summary of Awards work recognized

- Efforts to control noise, dust and traffic of site operations;
- Donated 128 tonnes of stone to Habitat for Humanity;
- Cash donations to Friends of Fort Erie's Creeks;
- Tours for students and host paleontologists;
- Supplied fossil photos and rock samples for OSSGA's Grade 4 pilot education program Rocks 'N Our World;
- Information sharing through website, newsletter and public events.

2.2.14 Wellington Pit, Capital Paving Inc., Township of Puslinch (2018)

Summary of Awards work recognized

- Efforts to control noise, dust and traffic of site operations and overall site safety;
- Host tours for students and industry groups;
- Sponsor sports teams, and fundraisers including Puslinch Santa Claus Parade;
- Participate in non-profit drives including 2018 Coffee Break for Alzheimer Society;
- Information sharing in community newsletter and social media outlets.

2.2.15 Acton Quarry, Dufferin Aggregates, Town of Halton Hills (2018)

Summary of Awards work recognized

- Efforts to control noise, conduct regular inspections, maintain sweeping, watering and equipment washing for dust control;
- Employ customized traffic safety policy to promote worker and visitor safety;
- Host Earth Week Celebrations with Scouts Canada;
- Host charity events, educational tours and open houses;
- Maintains an Acton Quarry Community Advisory Panel to keep neighbours informed of site operations;

- Donates monetary and in-kind to local groups and organizations including Acton Fire Fighters Association, Georgetown Hospital and Acton Legion.

2.2.16 Milton Quarry, Dufferin Aggregates, Town of Milton, (2018)

Summary of Awards work recognized

- Advanced blasting notification;
- Utilize noise buffering equipment, on-site berms and dust and noise controls;
- Monetary and goods donations to nonprofit organizations;
- Hosts tree planting activities;
- Hosts open door events, educational tours and programs;
- Maintenance on wheelchair accessible nature paths at local pediatric hospice and respite centres;
- Staff are active participate on local committee and boards;
- Participate in fundraising events and environmental cleanup days;
- Information sharing through the website and Milton Quarry Community Advisory Panel.

2.2.17 Rosewarne Quarry, Fowler Construction Company Ltd., Town of Bracebridge (2018)

Summary of Awards work recognized

- Efforts to control noise, dust and traffic of site operations and overall site safety;
- Sponsors local sports teams and community organizations including Salvation Army Christmas Program, Terry Fox Run, Ironman Muskoka and Santa Claus parade;
- Donation of materials and equipment to Rotary Bus Shelter rehabilitation, Fire and Ice Festival and Canadian Mining Games;
- Hosts community open houses, students and encourages female involvement in STEM opportunities and skilled trades.

2.2.18 Fonthill Pit, Lafarge Canada Inc., Town of Pelham (2018)

Summary of Awards work recognized

- On site infrastructure including perimeter berms, low frequency alarms, and an on-site water truck for dust control;
- Utilize traffic control plans;
- Neighbour notification and open houses;

- Host educational tours and projects for Niagara College students;
- Support local events including Pehlman Summerfest and Santa Clause parade;
- Materials and monetary donations to youth soccer and baseball teams, heartland forest organization and other charities.

2.2.19 Duntroon Quarry, Walker Aggregates Inc., Town of Duntroon (2020)

Summary of Awards work recognized

- Utilize Explotech technology to monitor noise, dust and vibration;
- Employs a retired police officer to control traffic safety and site operations;
- Sponsor Stayner Siskins Hockey Club and Feversham Fall Fair;
- Stone donations including Collingwood Agricultural Society, Emmanuel Presbyterian Church, Tomahawk Golf Course, and Osprey Snow Hawks Snowmobile Club;
- Site tours for Duntroon Highlands Nordic students as part of outdoor education program;
- Information sharing through website and newsletter.

2.3 Progressive Rehabilitation Award

This award recognizes the continual efforts of individual operators to progressively rehabilitate their sites in accordance with their Site Plans.

2.3.1 Lawford Pit, Lafarge Canada Inc., Town of Caledon (2020)

Summary of Awards work recognized

- Conversion of floor pit back to agricultural land while promoting Credit River and Core Greenlands System expansion;
- 2020 rehabilitated area includes 7.2 hectares for a site total of 20.5 hectares rehabilitated;
- Redistribution of onsite material to slope exhausted faces at 3:1 ratio;
- Application of 320000 cubic metres of overburden and topsoil on site;
- Seeding of rehabilitated areas to support natural regeneration.

2.3.2 Wellington Pit, Capital Paving Inc., Township of Puslinch (2020)

Summary of Awards work recognized

- Rehabilitation of .828 hectares to agricultural use;
- 4 on site ponds retained for irrigation in agricultural fields;

- 3 hectares of land reforested to woodland to link to existing forest areas and wildlife corridor linking to the east of the site boundary;
- Intension to grow assorted crops on the remainder of rehabilitated land following current soybean and corn crops.

2.3.3 Brighton Pit, CBM Aggregates Inc., Town of Brighton (2020)

Summary of Awards work recognized

- 7 hectare rehabilitation project with a 3:1 slope to support surface water drainage towards on-site ponds;
- Existing overburden applied and graded to former plant area and haul road
- 2,500 cubic metres of topsoil from onsite storage berms has been redistributed over the site in 6mm minimum depth;
- Planting of 875 kilograms of seed at 125 kilograms per hectare.

2.3.4 Cannington Pit, CMB Aggregates Inc., Township of Brock (2020)

Summary of Awards work recognized

- Conversion of 2.5 hectare site into a 3:1 slope directing water to existing ponds;
- Placing and grading subsoil and spreading 5,000 cubic metres of topsoil over site in 6 to 8inch depth;
- Sealed rehabilitated area with 812.50 kilogram mix of rye, buckwheat, alfalfa, white clover, perennial rye, grass, tall fescue, creeping red fescue, phlox, russell lupines and Iceland poppy;
- Partner with Ethic Tree Creations to plan 8.411 trees including willow, dogwood, cedar and tamarack.

2.3.5 Harrington 2 Pit, CBM Aggregates Inc., Township of Zorra (2020)

Summary of Awards work recognized

- Conversion of 1.5 hectares of land into agriculture;
- On-site contouring and placement of 25,000 cubic metres of overburden;
- Spreading of topsoil on rehabilitated area at 30 to 40 centimeter thickness;
- Seeding grass legume mix on rehabilitated area;
- Rehabilitated area planted with 30 kilograms of corn, and use of 225 kilograms of fertilizer;
- Harrington 2 Pit plans to conduct soil testing to assess nutrient requirements to improve site yields.

2.3.6 Roszell Pit, CBM Aggregates Inc., Township of Puslinch (2020)

Summary of Awards work recognized

- Rehabilitation of 1.5 hectare area with restoration of shoreline as well as silt barrier back to naturalized areas;
- Site barrier reconstruction with excavation of bedrock and trench filling with 6,000 cubic metres of silt which was left to settle before excavation;
- Site contouring and sealing with 90 kilograms of grass legume mixture;
- 15,000 cubic metres of material moved to complete site shaping;
- Planting of conifers at a density of 2,000 stems per hectare (1,000 trees).

2.3.7 Meaford Quarry, Walker Aggregates Inc., Municipality of Meaford (2020)

Summary of Awards work recognized

- 5.75 hectare area rehabilitation intended to convert land into a wetland complex;
- Site slope facing of 3:1 and 4:1 with 175,000 cubic metres of overburden and 5,700 cubic metres of topsoil;
- Areas of land left to promote biodiversity and for aesthetic purposes.

2.3.8 Orillia Pit, Lafarge Canada Inc., Township of Oro-Medonte (2019)

Summary of Awards work recognized

- Rehabilitation over 30 hectare area intended to decommission plant and silt ponds, side slopes and floor for agricultural use;
- Consultations with Ministry of Natural Resources and Forestry (MNRF) altered plans from reforestation to agricultural land with graded side slopes of 5:1;
- 82,000 cubic metres of overburden and topsoil removed, soil conditioned, fertilized and seeded;
- Areas converted back to agriculture are actively being farmed at present.

2.3.9 Coburn Pit, CBM Aggregates Inc., Township of Puslinch (2019)

Summary of Awards work recognized

- Rehabilitation of 2.25 hectares with 6,000 cubic metres of overburden and 2,000 cubic metres of topsoil from nearby stockpiles;
- Conversion of land for deep water areas, shallow water areas and upland habitats.

- Seeding at site side slopes with tallgrass prairie, clover, and native wildflower at a rate of 26 pounds per acre;
- Local students recruited to plant over 700 trees;
- Wetland bundles placed around rehabilitated land to bolster aquatic vegetation;
- Oversized rock and wood debris positioned around the shoreline.

2.3.10 Diocese Pit, CMB Aggregates Inc., Middlesex County Township (2019)

Summary of Awards work recognized

- Rehabilitation of 11.9 hectares with over 20,000 cubic metres of overburden material shaped and contoured to blend with site boundary;
- 20,000 cubic metres of topsoil applied at average of 250 millimeter thickness;
- Site seeding with 490 kilogram mix of alfalfa, red clover, perennial ryegrass, tall fescue and timothy at a rate of 100 kilograms per hectare.
- Current rehabilitated areas in early stages of crop production.

2.3.11 Olalondo Pit, CBM Aggregates Inc., Middlesex County Township (2019)

Summary of Awards work recognized

- Rehabilitation of 4.4 hectare area into agricultural land;
- 50,000 cubic metres of overburden material spread on site (12,500 on west slope; 15,000 north slope and 22,500 on pit floor);
- 50,000 cubic metres of topsoil applied at average thickness of 150 millimeters;
- 49 kilogram seed mix of alfalfa, red clover, perennial ryegrass, tall fescue, and timothy utilized.

2.3.12 Sunderland Pit, DBM Aggregates Inc., Township of Brock (2019)

Summary of Awards work recognized

- Site rehabilitation included floor grading and naturalization of slopes leading to water features;
- 5,000 cubic metres of overburden with a 3:1 slope;
- 9,000 cubic metres of material spread over pit floor at minimum 100 millimeter thickness
- Seeding with a mix of rye, white clover, buckwheat, alfalfa, crown vetch, perennial rye and tall fescue at 125 kilograms per hectare;
- Staff distributed wood debris along the pond to create future wildlife habitat.

2.3.13 Lamont Pit, Walker Aggregates Inc., Town of Saugeen Shores (2019)

Summary of Awards work recognized

- Change in rehabilitation plan from agriculture to public recreational lands (i.e. sports fields);
- Seeding and sloping and topsoil at an average depth of 150 to 200 millimeters and slope of 4:1 to 3:1;
- Pit floor was not tilled due to proposed plan for recreational site.

2.3.14 Newton Pit, Lafarge Canada Inc., Township of Champlain (2019)

Summary of Awards work recognized

- Rehabilitation of 6.7 hectares for future license surrender;
- Work included sloping of pit face and the area was left to naturally regenerate with native and natural ground cover and grasses;
- Area has since grown into native meadow.

2.4 Biodiversity Award & Environmental Achievement

This award is presented to members for sustaining biodiversity through species protection, habitat improvement, and sustainable land use activities. These award recipients are also recognized for conserving biodiversity through measures that are above and beyond standard practices and industry guidelines. To receive this award each project must demonstrate one or more of the following strategic directions: engaging people, reducing threats, enhancing resilience, and improving knowledge. This award was created in part with Ontario's Biodiversity Strategy, 2011.

2.4.1 Uxbridge Regan Pit, Lafarge Canada Inc., Township of Uxbridge (2020)

Summary of Awards work recognized

- Developed 19 Biodiversity Management Plans (BMPs) supporting Ontario's Biodiversity Strategy which includes:
 - engaging people, reducing threats, enhancing resilience and improving knowledge;
 - assessing a site's biodiversity history and potential;
 - customized action plan to guide achieving Net Positive Impact (NPI) on local plant and animal species;
 - education and industry tours, local awareness campaigns, tree planning initiatives
- Steps to reduce biodiversity threats and enhance resiliency;

- Rehabilitated portions of the site for wildlife corridor
- Created terrestrial habitats for animals
- Building 50 bird boxes for cavity-nesting birds
- Planting 55,000 trees
- Lafarge aims to have 1/3 of turnover from products, services and solutions with enhanced sustainability by 2030.

2.4.2 Oro-Medonte Cluster, Lafarge Canada Inc., Township of Oro-Medonte (2017)

Summary of Awards work recognized

- Utilizes BMPs and International Union of Conservation of Nature's Biodiversity Indicator and Reporting System (BIRS) to protect biodiversity;
- Citizen engagement, site tours, education events, knowledge awareness campaigns,
- Tree planning efforts;
- Support of species-at-risk, and site rehabilitation to encourage ecosystem and habitat growth.

2.4.3 Bowmanville Quarry, St Marys Cement, Municipality of Clarington (2015)

Summary of Awards work recognized

- Cooperation with Waterfront Regeneration Trust to consult with stakeholders to develop a new site plan to protected existing marsh and relocate creek and mark in an ecologically responsible manner
 - Note: this quarry is under historical operation since 1963 and predates current environmental legislation. St Marys Cement is working with Waterfront Regeneration Trust to consult and develop a new site plan to protect an existing marsh where historic extraction occurred.
- Site monitoring to investigate trends in biological and physical production of habitats that have been constructed, enhanced or retained;
- Water quality testing and aerial photos to identify changes in biodiversity;
- Employ methods to improve shelter, feeding and reproduction of local species;
- Relocating pest species, building habitat structures and introducing raptor pols;
- Land dedication to central Lake Ontario Conservation Authority;
- Support of research and wetland monitoring.

3.0 Works Cited

Ontario Stone Sand & Gravel Association. (2021). Community & Awards. Retrieved from Ontario Stone Sand & Gravel Association: <https://www.gravelfacts.ca/community>