

DUNTROON QUARRY

Proud of Environmental Initiatives



Duntroon Quarry



Water Truck, Snow Plow, Sander



Rip Rap Drainage Ditch



Dewatering Pipes and Manifold



Sarah Nicoll & Roy Dawn

Efficiently operate by

- upgrading dewatering pipes to polyurethane and adding manifold to reduce friction loss
- improving blasting by upgrading drilling equipment and rods. Extends the life of the rods by reducing the impact on the threads.

Acknowledge our part by

- switching to long life antifreeze which extends service intervals from 2500 hours to 5000 hours
- scheduling semi-annual litter cleanups along Road 91
- switching single walled diesel tank for genset diesel tank
- planting trees in the community

Reduce our impacts

- Reduced to 2 haul trucks from 3
 - enhanced haul truck maintenance
 - provided operator and loader training
 - controlled traffic and improved visibility
- 20% reduction in water consumption by retrofitting washplant's high volume feedbox with pressurized water supply
- Installed cover on primary crusher to reduce noise and dust
- Use water truck on site to reduce dust which converts to a snow plow and road sander when needed
- Upgraded exhaust systems and reconfigured the pipes on haul trucks to reduce noise and air emissions
- Lined haul truck boxes to reduce noise on-site
- Recycle scrap metal



Steve Currie & Mobile Scalehouse



Gord Shaw

Take time to plan

- Recycled and reused almost all of the materials from the demolition of the maintenance shop. Furniture went to Habitat for Humanity.
- Rehab along east wall included rip rap drainage ditches for better slope stability and no erosion

Higher Environmental Performance

- Using the Environmental Performance Reviews as an opportunity to see what could be improved on-site

1st Innovation and leadership

- Provide suitable habitat for bees with bee hives on-site



Rick Laws



Ron McCallum



Glenn Monaghan and Pat Blackmere



Adam Timbers



Paul McMullen & Wes Lawler



Grant Parsons



Laurie Wilson



Doug Lockhart



Don Cox, Bill Merkley, Glenn Monaghan, Steve Tolton & Troy Brodie

QUESTIONS / DISCUSSIONS

1. What changes have you made on-site that resulted from your Environmental Performance Review?
2. What upgrades could be made to your equipment on-site?
3. What environmental initiatives could/have you taken for the community?

COMMIT ■ CREATE ■ PARTICIPATE



Bee Hives



Our Environmental Messenger™

DUNTROON QUARRY

July 2013

COMMIT ■ CREATE ■ PARTICIPATE

Company _____ Date _____ Delivered by _____

Other topics discussed _____

Name _____ Signature _____

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RECORD RESPONSES SPECIFIC TO YOUR SITE

1. What changes have you made on-site that resulted from your Environmental Performance Review?

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3. What environmental initiatives could/have you taken for the community?

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EARTH 1st 10th ANNIVERSARY CELEBRATION

As part of the EARTH 1st 10th Anniversary, we are holding a celebration in September! The event will be spread out geographically over 7 sites on September 12, 4-6 p.m. Eastern Time and 1-3 p.m. Pacific Time.

- Head Office - Niagara
- Norjohn Limited - Burlington
- McGregor Quarry - Windsor
- ORMI - Toronto
- Severn Pines Quarry - Orillia
- Duntroon Quarry - Duntroon
- Norjohn-ACI - Portland

This will be a great opportunity to look back at the last 10 years of the EARTH 1st program with employees, customers, suppliers and local politicians. We look forward to seeing everyone at the celebrations! More details to come over the summer. Please contact Jamie Mereweather (905-680-3693) with any questions.



Commit ■ Create ■ Participate

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www.EARTH1st.ca

Clearly no group can, as an entity, create ideas. Only individuals can do this. A group of individuals may, however, stimulate one another in the creation of ideas.
Estill I. Green