

**DRAFT ENVIRONMENTAL ASSESSMENT WORK PLAN  
BELLEORAM CRUSHED GRANITE ROCK QUARRY, NL**

LAST UPDATE: SEPTEMBER 20, 2006

*Note: The work plan should be used as a "living" document which will be continually amended as new information becomes available. CEAA Regional will update the workplan and circulate the document to the project committee.*

**Introduction**

This work plan has been prepared in accordance with the Federal Environmental Assessment Coordinator (FEAC) provisions (Sub-sections 12.1 through 12.5) of the *Canadian Environmental Assessment Act (CEAA)*. It is intended to guide the EA of the project.

**1. Project Title**

Belleoram Crushed Granite Rock Quarry, Belleoram, NL

**2. Proponent Information**

Robert Rose  
Continental Stone Limited  
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St. John's, NL A1B 3N4  
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**3. Project Information/Description (as defined by the proponent)**

The proposed crushed granite rock quarry will be approximately 900 hectares in size and located to the north of Belleoram in Belle Bay. The granite will be quarried and crushed on site and loaded onto ships via a conveyor belt and shipped to international markets. It is estimated that 2-6 million tonnes of aggregate will be produced per year for approximately 50 years. Development will include road construction, a marine wharf, core sampling crusher and associated equipment setup, removal of overburden, drilling, blasting and crushing for transport by bulk carrier to market.

**4. Scope**

TC: construction, operation, maintenance, modification, and decommissioning (incl. closure and reclamation) of the concrete caisson marine terminal (NWP, Sec 5(1)(a) trigger).

DFO: construction, operation, maintenance, modification, and decommissioning (incl. closure and reclamation) of the concrete caisson marine terminal (Fisheries Act, Sec.35(2) trigger). Separate screening(s) will be conducted for the construction, operation, modification, decommissioning, or abandonment for all water control structures; stream crossings created during construction of the access road; infilling and /or dewatering of aquatic habitats associated with the operation of the quarry and road construction; and drawdown or dewatering of water bodies for the purpose of supplying water to the washing station.

ACOA: all project components associated with the construction, operation, maintenance, modification, and decommissioning of the 900-hectare crushed granite stone quarry and the marine terminal.

**5. FEAC Information (S. 12.1-12.5 CEAA)**

Department: Canadian Environmental Assessment Agency

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## 6. Federal Departments

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### Transport Canada

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### Atlantic Canada Opportunities Agency (represented by PWGSC)

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### Environment Canada

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### Natural Resources Canada

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### Health Canada

Jacinte David  
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## 7. Other Jurisdiction(s) Information

### Newfoundland & Labrador Environment & Conservation

John Eason  
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## 8. EA Requirements

### 8.1 Federal

A comprehensive study level EA will be required under the CEAA due to the potential triggers that are prescribed within the Comprehensive Study List Regulations:

- Section 18 (l). *A stone quarry or gravel or sand pit with a production capacity of 1 000 000 t/a or more*
- Section 28(c). *A marine terminal designed to handle vessels larger than 25 000 DWT unless the terminal is located on lands that are routinely and have been historically used as a marine terminal or that are designated for such use in a land-use plan that has been subject of public consultation.*

#### RAs:

- TC – Navigable Waters Protection Act S.5(1)(a) approval may be required
- DFO - Fisheries Act S.35(2) authorization may be required
- ACOA- may provide financial assistance to the proponent for the purpose of enabling the project.

RAs are required by S.15 to determine the scope of the project and to consider the factors outlined in S.16(1) and (2)

RAs are required by S.21 to ensure public consultation with respect to:

- the proposed scope of the project for the purposes of the EA,
- the factors proposed to be considered in its assessment,
- the proposed scope of those factors, and
- the ability of the comprehensive study to address issues relating to the project.

After public consultation, RAs must prepare a track report - S. 21(2)(a) to Minister of Environment on:

- scope of project, the factors to be considered in its assessment and the scope of those factors
- public concern in relation to the project,
- potential of the project to cause adverse environmental effects,
- ability of the comp study to address issues relating to the project.

RAs are also required to recommend to the Minister of Environment - S.21(2)(b) - whether to continue with the EA by means of a comprehensive study, or to refer the project to a mediator or review panel.

According to S.21.1, the Minister of Environment must make a track decision, taking into account recommendation of RAs, and shall refer the project back to RAs or to a review panel.

### 8.2 Other Jurisdiction(s)

Project registered with NLEC on April 5, 2006. NLEC Ministerial Decision due May 20, 2006. On June 7, 2006, the Minister determined that an Environmental Preview Report was required.

### 8.3 Harmonisation Requirements

To be determined.

## 9. Federal Coordination

### 9.1 Federal Coordination Regulation Activities

April 5/06	CSL filed provincial EA registration
April 12/06	Agency circulated Project Description to likely RAs and FAs pursuant to sections 4 and 6 of the <i>Federal Coordination Regulations</i> . See Appendix 1 for distribution list and responses.
May 5/06	Proponent briefed federal RAs and FAs and province on project description/federal RAs discussed scope and next steps
May 11/06	FCR Determinations summary and comments sent to proponent, RAs and FAs.

### 9.2 Federal Project Committee - Overview

The purpose of the project committee is to guide the EA process under the CEAA, ensuring requirements of all RAs are met.

### 9.3 Federal Project Committee - Members

FEDERAL AUTHORITY	RA/FA	POTENTIAL TRIGGER(S)/ EXPERTISE	CONTACT & ALTERNATE	SCHEDULED VACATION
Transport Canada	RA	Navigable Waters Protection Act S.5(1)(a)	Randy Decker Margie Whyte Dan Shea	
Fisheries & Oceans Canada	RA	Fisheries Act S.35(2)	Dana Yetman Marvin Barnes	
Atlantic Canada Opportunities Agency	RA	Provision of federal funds.	Andrea Powell John Applebey	
Environment Canada	Expert FA	Surface water, aquatic habitat, aquatic wildlife, terrestrial habitat, terrestrial wildlife, air quality, species at risk, migratory birds	Glenn Troke	
Natural Resources Canada	Expert FA	Explosives, Management of mine wastes (tailings and overburden), protection of surface water and underground water quality, acid mine drainage; Energy efficiency, new fuels; Geological incidents	Andrew McAllister	

FEDERAL AUTHORITY	RA/FA	POTENTIAL TRIGGER(S)/ EXPERTISE	CONTACT & ALTERNATE	SCHEDULED VACATION
		(earthquakes/seismicity, landslides, flooding, deep water hazard, tsunamis, geomagnetism); Geophysics (shallow terrain and deep crustal); Geosciences (surface and underground geology, geomorphology, underground water,); Geotechnics and engineering geology; Groundwater and hydrogeology (flow, recharge, chemistry and aquifer delineation); Marine environmental and marine resource geosciences; Mineral and hydrocarbon geology and regional resource assessments.		
Health Canada	Expert FA	Environmental health (air, water, soil, country foods quality)/Noise issues/Social determinants of health	Jacithe David	
CEA Agency	FEAC	CEAA	Vanessa Rodrigues Cheryl Benjamin	
CEA Agency	CEAA-HQ	CEAA	Mandy Sarfi	

#### 10. Communications

**Canadian Environmental Assessment Agency**  
 Robert Deslauriers  
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**DFO Newfoundland & Labrador Region**  
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**Transport Canada**  
 Tracey Hennessey  
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 Fax: (709)  
 E-mail: hennest@tc.gc.ca

**Atlantic Canada Opportunities Agency**

#### 11. Registry Management

TC will post the Notice of Commencement on the Registry Internet site and all records described in sub-section 55.3 of CEAA, as they become available, and will maintain the Project File. The Agency will post the records listed in sub-section 55.2 and will provide copies to the RA managing the registry as necessary for inclusion in the hard copy project file.

Members of the federal project committee will copy chosen departments on important email messages and will forward copies of documents to be maintained in the project file.

See document: Canadian Environmental Assessment Registry, October 2003: [http://www.ceaa.gc.ca/012/012/Registry\\_e.pdf](http://www.ceaa.gc.ca/012/012/Registry_e.pdf)

#### 12. Public Involvement

A comprehensive study has three distinct stages of public participation: during preparation of the scope of the environmental assessment and the Comprehensive Study and while the Minister is reviewing the completed Comprehensive Study Report (CSR).

- S.21(1) "the RA shall ensure public consultation with respect to the proposed scope of the project for the purposes of the EA, the factors proposed to be considered in the assessment, the proposed scope of those factors and the ability of the comprehensive study to address issues relating to the project",
- S.21.2 "the RA shall ensure that the public is provided an opportunity... to participate in the comprehensive study...", and
- S.22 - after receiving a completed CSR the Agency shall publish information on availability of the CSR for public comment.

The duration of each public participation opportunity will be determined as early as possible in the EA process (S.21.2 subject to a decision with respect to timing of the participation made by the FEAC). Following the Minister's Track Decision (assuming continuation of the Comprehensive Study), Canada and Newfoundland & Labrador will make best efforts for common public consultation periods.

The Agency will also provide participant funding in order to assist the public in participating in the review process. The Participant Funding Program (PFP) will be advertised separately but concurrently with the advertisements for the public comment period on the draft scoping document. The advertisements will ask interested parties to begin preparing their applications in advance of the Minister's track decision. Funding will be awarded after the Minister's track decision.

A joint public notice for RA initiated public consultation on the scoping document and advertisement of Agency participant funding was posted in the following papers:

The Telegram - Saturday, September 23, 2006  
 Le Gaboteur - Monday, September 25, 2006  
 The Coaster - Tuesday, September 26, 2006

A hard copy of the document was made available at the Belleoram Town Office or post office. Written comments received by Transport Canada by close of business on Friday, October 27, 2006 will be considered.

Copies of the scoping document were also sent out to the following stakeholders (as determined during our June 29, 2006 conference call);

- Continental Stone Limited (a couple of days prior to public consultation)
- Fish, Food and Allied Workers (FFAW)
- Cooke Aquaculture (Cold Ocean Salmon Inc; Marine Salmon Farms Inc.; & South Coast Sea Farms Inc.)
- Nordland Aquaculture
- Newfoundland and Labrador Department of Environment and Conservation
- Harbour Authority of Belleoram
- Town of Belleoram
- Coast of Bays Corporation

**13. First Nations/Aboriginal Involvement**

The guidance document, "Considering Aboriginal traditional knowledge in EAs conducted under the CEAA – *Interim Principles*" can be found at: [http://www.ceaa.gc.ca/012/atk\\_e.htm](http://www.ceaa.gc.ca/012/atk_e.htm)

TC contacted Newfoundland and Labrador Aboriginal Affairs office and they recommended not sending the draft scoping document to Conne River due to distance of the project from the reserve.

**14. SARA Notification**

S.79(1) requires that the RA notify the competent Minister (or Ministers) without delay if the project is likely to affect a listed wildlife species or its critical habitat.

**15. Translation Requirements**

Documents requiring translation by RAs for CEAR site:

- S.55(2)(a) Notice of Commencement
- S.55(2)(h) any public notices that are issued by RAs or the Agency to request public input
- S.55(2)(j) final scope (or an indication of how such a description may be obtained)
- S.55(2)(k) CSR (or a description of how a copy of the report may be obtained)

**16. Roles and Responsibilities**

**16.1 FEAC Specific Roles / Responsibilities**

FEAC	ROLES / RESPONSIBILITIES
Canadian Environmental Assessment Agency	<ul style="list-style-type: none"> <li>• act as FEAC for the federal involvement in the cooperative EA according to S.12.1, 12.2 and 12.3 of the CEAA</li> <li>• If needed, make a decision with respect to timing of the participation of the public under S.21.2</li> <li>• fulfill requirements under S.22(1)&amp;(2) (set date for comment on CSR, publish notice, make CSR available, receive comments)</li> </ul>

FEAC	ROLES / RESPONSIBILITIES
	<ul style="list-style-type: none"> <li>act as the "one-window in" to the federal government for the proponent, province and stakeholders</li> <li>coordinate the review of documents/reports from the proponent among federal authorities, consolidate federal comments and send to proponent</li> <li>provide guidance on the Act as required</li> <li>Tasks that will not be undertaken by the Agency include the writing of the scoping document, CSR, making judgments on input from RAs/FA, imposing process on RAs/FA, making decisions for RAs and designing or implementing a follow-up program.</li> </ul>

### 16.2 Federal Authority Specific Roles / Responsibilities

FEDERAL AUTHORITY	ROLES / RESPONSIBILITIES
RAs (DFO, TC, ACOA)	<ul style="list-style-type: none"> <li>Maintain project registry on CEAR (TC)</li> <li>Post Notice of Commencement (TC)</li> <li>Draft scope of project and assessment (TC lead)</li> <li>Decide whether to delegate preparation of the comprehensive study, CSR, or follow-up program to the proponent, under S.17(1). (TC/DFO/ACOA)</li> <li>Decide how to consult with the public under S.21(1). (TC/DFO/ACOA)</li> <li>Prepare track recommendation &amp; report: draft report to the Minister under S.21(2) on scope of project and factors; public concerns in relation to the project; the potential of the project to cause adverse environmental effects; the ability of the comprehensive study to address issues relating to the project; recommend to the Minister whether to continue with comp study or refer to review panel. (TC lead)</li> <li>Draft CSR (TC lead)</li> <li>Ensure the public is provided an opportunity to participate in the comprehensive study under S.21.2, including placing ads, and receiving comments (TC/DFO/ACOA)</li> <li>Translate required documents (TC to assume costs)</li> <li>If the project is referred back to the RA after the Minister's decision, the RA shall take their course of action (S.37(1)) (TC/DFO/ACOA)</li> <li>Coordinate design and implementation of follow-up program for the project under S.38(2) (TC/DFO/ACOA)</li> </ul>
FAs (EC, NRCan, HC)	<ul style="list-style-type: none"> <li>Provide expert advice within their mandates and areas of expertise on the request of the RAs</li> <li>S.37(2.3) - provide any assistance requested by the RAs in ensuring the implementation of a mitigation measure upon which FAs and the RAs have agreed</li> <li>S.38(4) - provide any assistance requested by the RAs in ensuring the implementation of a follow-up program upon which FAs and the RAs have agreed</li> </ul>

### 16.3 Other Jurisdiction(s) Specific Roles / Responsibilities

MINISTRY/ORGANIZATION	ROLES / RESPONSIBILITIES (with respect to federal review)
NLEC	To complete an EA pursuant to the NL <i>Environment Act</i> , Part X

### 17. Summary Review Schedule

EVENT	START	FINISH
Project Description received	5-Apr-2006	
FCR	12-Apr-2006	28-Apr-2006
CSL advised of outcome of FCR process		11-May-2006
Workplan finalized & accepted by Project Committee	2-Jun-2006	
Draft scope provided for comment to RAs/FAs	7-Aug-2006	12-Sept-2006
[Provincial registration]	5-Apr-2006	20-May-2006
Draft federal scoping document released for public comment	23-Sept-2006	27-Oct-2006
Track report (including final scope) completed by RAs & submitted to Minister of the Environment		
Minister of Environment makes track decision		
Draft CSR prepared		

EVENT	START	FINISH
Consult with federal project committee		
Public consultation during preparation of CSR (Sec. 21.2)		
Submit CSR to Agency		

**18. Timing of Decisions**  
Intent and/or procedures to time decisions

**19. Follow-up**  
S.38(2) "Where a RA takes a course of action under paragraph 37(1)(a), it shall design a follow-up program for the project and ensure its implementation".

**20. Workplan Maintenance**  
The Workplan will be maintained by CEAA Regional staff. The final draft of the workplan will be sent to committee members for approval.

Approvals (signature or e-mail)

Marvin Barnes/Dana Yetman – DFO (approval via e-mail June 8, 2006)  
 Margie Whyte/Randy Decker – TC (approval via e-mail June 2, 2006)  
 Andrea Powell/John Appleby (on behalf of ACOA)  
 Glenn Troke – EC  
 Andrew McAllister – NRCan (approval via e-mail June 2, 2006)  
 Jacinthe David - HC

Appendix 1

Belleoram Crushed Granite Rock Quarry, NL  
Section 6  
Record of Determination  
FCR sent on April 12, 2006 and closed April 28, 2006

CONTACT	DEPARTMENT	DATE RECEIVED	SIGNED BY	RESPONSE
Claire Dulong	ACOA	April 19, 2006	Claire Dulong	(b)
Marvin Barnes	DFO	April 25, 2006	Marvin Barnes	(a)
Randy Decker	TC	April 20, 2006	Randy Decker	(a) and (d)
Glenn Troke	EC	May 9, 2006	Glenn Troke	(b) and (c)
Sarah Olivier	NRCan	April 26, 2006	Sarah Olivier	(b) and (c)
Tony Henderson	HC	May 23, 2006	Tony Henderson	(b) and (c)

**Information only to the following people:**

Canadian Environmental Assessment Agency – Paulette Pottie, Bill Coulter, Cheryl Benjamin, Mandy Sarfi  
NL Department of the Environment – Michael Cahill, John Eason  
Continental Stone Limited – Robert Rose

**Questions asked on Record of Determination:**

Is your Department/Agency:

- a) Likely to require an environmental assessment of the project?
- b) Not likely to require an environmental assessment of the project?
- c) In possession of specialist or expert information or knowledge that is necessary to conduct the environmental assessment of the project?

Does your Department/Agency

- d) Require additional information to make a determination under items (a), (b) or (c)