

APPLICATION FOR APPROVAL

OFFICE USE ONLY		Application # 2002-026397
Date Received/Original Received	Exp. No.	NSBOE File # 92100-30
Total Fees Due	Fees Paid \$2,500.00	Printed At: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Receipt # YAR 0048		Water Audit

PLEASE PRINT OR TYPE. Complete Sections 1, 2, 3, 4 and 7 for ALL Applications. Complete areas of Sections 5 and 6 to the specific activities of this application only.

Type of Application:	
New Application <input checked="" type="checkbox"/>	Renewal <input type="checkbox"/>
Amendment <input type="checkbox"/>	Transfer <input type="checkbox"/>
DEPT. OF THE ENVIRONMENT YARMOUTH DISTRICT OFFICE YARMOUTH, NS	
If applicable, please provide the previous Approval # _____	

APR 23 2002

SECTION 1 - OWNER

If there is one owner, please indicate who will be the primary applicant for this project and attach a complete list of owners.

Company/Organization/Municipality		Nova Stone Exporters, Inc.	
Business Number (BN) if applicable		870177219	
Mr.	Ms.	<input checked="" type="checkbox"/>	Mrs.
Other:		Professional Designation	
First Name Corinna		Middle Initial B.	Family Name Kincaid
Phone Home (902) 245-3611		Business (919) 776-7239	Ext. Other Ext.
Fax (919) 774-3510		E-mail novastoneexporters@hotmail.com	
Civic/Street Address 42 Riverside Drive, Upper LaHave			
Mailing Address (if different than Civic) RR#3			
County Lunenburg		City/Town Bridgewater	
Province/State Nova Scotia		Postal Code B4V 2W2	Country Canada

SECTION 2 - APPLICANT CONTACT

Is the Application Contact the same as in Section 1 - Owner? Yes No If yes, please skip to Section 3.

Company/Organization/Municipality	
Business Number (BN) if applicable	
Mr.	<input checked="" type="checkbox"/>
Ms.	
Mrs.	
Other:	
Professional Designation P. Eng.	
First Name Paul	
Middle Initial G.	
Family Name Buxton	
Phone Home (902) 638-8108	
Business (902) 638-8108	
Ext. Other () Ext.	
Fax (902) 638-8108	
E-mail paul.buxton@ns.sympatico.ca	
Civic/Street Address 110 Colonial Arms Drive, Deep Brook, NS B0S 1J0	
Mailing Address (if different than Civic) P.O. Box 98	
County Annapolis	
City/Town Annapolis	
Province Nova Scotia	
Postal Code B0S 1A0	
Country Canada	

SECTION 3 - SITE/LOCATION OF PROPOSED ACTIVITIES

Property Identification numbers (PID) are available at the Nova Scotia Department of Housing & Municipal Affairs.
 1:50,000 Topo Maps (identifying Easting and Northing) are available at Nova Scotia Department of the Environment Regional Offices.

Site Name Whites Cove	
Civic/Street Address Highway 217	
County Digby	Community Little River
Property Identification # (PID) 30161160	1:50,000 Topo Map # 21 B / 8
Grid Reference Easting (6) 272 (66°08'31" E)	Northing (7) 275 (44°27'47" N)

SECTION 4 - ACTIVITY

Proposed Activity - Please check all that apply.

Biotechnology:	Biological remediation	<input type="checkbox"/>	Biotechnology Products Manufacturing Plant	<input type="checkbox"/>
Chemical:	Brine Processing	<input type="checkbox"/>	Industrial Cleanser Manufacturing	<input type="checkbox"/>
	Chemical Manufacturing	<input type="checkbox"/>	Paint Manufacturing	<input type="checkbox"/>
	Coke/Carbon Manufacturing	<input type="checkbox"/>	Pesticide Manufacturing	<input type="checkbox"/>
	Explosives Manufacturing	<input type="checkbox"/>	Petrochemical Manufacturing	<input type="checkbox"/>
	Fertilizer Manufacturing	<input type="checkbox"/>	Pharmaceutical Manufacturing	<input type="checkbox"/>
	Fertilizer Storage	<input type="checkbox"/>		
	Construction:	Asphalt Paving Plant	<input type="checkbox"/>	Quarry
Building Products Manufacturing		<input type="checkbox"/>	Ready-Mix Concrete Plant	<input type="checkbox"/>
Cement Plant		<input type="checkbox"/>	Sandblasting Operation	<input type="checkbox"/>
Ground Disturbance		<input type="checkbox"/>	Sulphide Bearing Material	<input type="checkbox"/>
Pit		<input type="checkbox"/>	Topsoil	<input type="checkbox"/>
Food or Fish and Animal Byproducts:	Beer or Wine Processing Plant	<input type="checkbox"/>	Inland Fish Processing Plant	<input type="checkbox"/>
	Dairy Products Plant	<input type="checkbox"/>	Poultry Integrated Plant	<input type="checkbox"/>
	Distillery	<input type="checkbox"/>	Red Meat Integrated Plant	<input type="checkbox"/>
	Fish Meal Plant	<input type="checkbox"/>	Rendering Plant	<input type="checkbox"/>
	Fish Sillage	<input type="checkbox"/>	Tannery	<input type="checkbox"/>
	Food Additive Plant	<input type="checkbox"/>	Vegetables Processing Plant	<input type="checkbox"/>
	Fruit Processing Plant	<input type="checkbox"/>		
Metals:	Battery Manufacturing Plant	<input type="checkbox"/>	Pewter Ware Manufacturing Facility	<input type="checkbox"/>
	Electroplating Plant	<input type="checkbox"/>	Rolling Stock Manufacturing Plant	<input type="checkbox"/>
	Foundry	<input type="checkbox"/>	Smelter	<input type="checkbox"/>
	Iron & Steel Mill	<input type="checkbox"/>		
Minerals:	Bulk Sample Site	<input type="checkbox"/>	Mineral Processing Plant	<input type="checkbox"/>
	Bulk Solids Handling Facility	<input type="checkbox"/>	Peat Moss Harvesting	<input type="checkbox"/>
	Coal Processing Plant	<input type="checkbox"/>	Surface Mine	<input type="checkbox"/>
	Leach Mining	<input type="checkbox"/>	Underground Mine	<input type="checkbox"/>
	Lime Plant	<input type="checkbox"/>		
Oil & Gas:	Bio-Remediation	<input type="checkbox"/>	Natural Gas Processing Plant	<input type="checkbox"/>
	Brine Storage Pond	<input type="checkbox"/>	Oil Refinery	<input type="checkbox"/>
	Compressor & Pumping Station	<input type="checkbox"/>	Petroleum/Natural Gas Recovery	<input type="checkbox"/>
	Petroleum/Natural Gas Operation	<input type="checkbox"/>	Re-refinery	<input type="checkbox"/>
	Power Plants	<input type="checkbox"/>		
Primary Manufacturing:	Lead Crystal Manufacturing	<input type="checkbox"/>	Tire Manufacturing Plant	<input type="checkbox"/>
	Textile Manufacturing Plant	<input type="checkbox"/>	Wallpaper Manufacturing Plant	<input type="checkbox"/>

Will this Activity employ a new technology?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If yes, please specify.		
Proposed Project Dates, if applicable (yyyy/mm/dd)		
Start Construction Date	2002/5/15	Start Operations 2002/6/01
		End/Closure Date 2032/6/15

SECTION 5 - ACTIVITY DETAILS

Proposed Operating Schedule	Hours/Day <u>16</u>	Days/Week <u>7</u>	Weeks/Year <u>50</u>
Type of Facility	Mobile <input type="checkbox"/>	OR	Permanent <input checked="" type="checkbox"/>

SECTION 6 - SUPPORTING DOCUMENTATION TO ATTACH

All supporting documentation is to be submitted in accordance with the "Approvals Procedures Regulations." If applicable, the following documents must be submitted with this Application; however, additional information may be requested.

Note - A legend must be supplied for all mapping describing symbols used, scale and north orientation.

<input checked="" type="checkbox"/>	Copy of the property deed, lease or letter proving the applicant's legal right to conduct the activity on the site
<input checked="" type="checkbox"/>	Copy of Registry of Joint Stocks printout showing the official company name, President & CEO, its agent, and verifying that the company is registered in good standing.
	Copies of all existing approvals relating to the activity that have been issued by any agencies
<input checked="" type="checkbox"/>	A process description for the activity including (but not limited to): type of industry, size & capacity, raw materials & water used, discharge point, quantities of dangerous goods anticipated for use and material safety data sheets
<input checked="" type="checkbox"/>	If applicable, a description of blasting methods and schedule
	Security (bond, cheque, etc.) for the proposed operation (if applicable).
<input checked="" type="checkbox"/>	Preliminary development, abandonment or rehabilitation Plan
<input checked="" type="checkbox"/>	Site Plan (scaled drawing, minimum scale 1:2,000) including (but not limited to): property boundaries, contours of the site & adjacent properties, location of all relevant structures, location of nearby watercourses, wetlands, dwellings, wells, water supplies, public roads & highways
<input checked="" type="checkbox"/>	Scaled engineering drawings, plans, and specifications that are stamped by a N. S. Licensed professional engineer including (but not limited to): <ul style="list-style-type: none"> - Plans & drawings for structures & equipment used to obtain satisfactory treatment of wastes resulting from industrial processes. - Sufficient data to demonstrate the feasibility of a process to supply satisfactory treatment - Reports on the proposed treatment facilities indicating design capacities, flows, & concentrations of wastes expected to be emitted to the environment - Calculations, factors, & parameters used in the design of waste control systems
<input checked="" type="checkbox"/>	Description of all liquid effluents discharged from the process/property including (but not limited to): <ul style="list-style-type: none"> - Quality & quantity of all surface discharge waters that have contacted unstabilized areas prior to discharge - Quality & quantity of each liquid effluent discharge before and after treatment - Quality should include (if present) the concentration or levels of pH, temperature, chlorine residual, BODs, suspended solids, acute toxicity, heavy metals, total petroleum hydrocarbons, total oil & grease, total dissolved solids, ammonia & phosphorus, etc.
	Description of all air emissions discharged from the processes (stacks, vents, etc.), including (but not limited to): <ul style="list-style-type: none"> - Stack height above base (metres), elevation at base (metres), stack top inside diameter (metres), flow velocity through the stack exit (metres/sec), temperature of stack gas at exit (°C) - Maximum and average daily concentrations of total particulate, total suspended particulate, specific particulates, metals, gases (general and odorous), carbon monoxide, VOCs, carbon dioxide, oxygen, oxides of nitrogen, hydrogen sulphide, sulphur dioxide and polyaromatic hydrocarbons before and after treatment - Capacity, type of fuel used, sulphur content of fuel, higher heating value of the fuel, monitoring equipment to be employed and soot blowing schedule if the process is a boiler or heating plant
<input checked="" type="checkbox"/>	Description of all solid wastes that require disposal, including (but not limited to): <ul style="list-style-type: none"> - Quantity and quality of all solid wastes with an indication of whether they are considered waste dangerous goods with applicable federal and provincial legislation. If necessary, leachate extraction procedure data should be submitted. - Location & method of solid wastes disposal - Storage quantities of all wastes prior to disposal with storage site capacity & schedule of disposal - Supporting geotechnical & hydrological findings if waste is to be land filled

Contingency plan, including (but not limited to):

- Scope of the plan (purpose, geographic area, and persons, groups, eg., that have responsibility)
- Notification procedures (what is to be reported, when, to whom, internal & external reporting procedures and a 24 hour telephone response number)
- Notification list including names & telephone numbers for all key internal response team personnel, telephone number for reporting environmental emergencies in N. S., relevant municipal/local telephone numbers (fire, police, ambulance, medical/hospital, clean-up contractors, etc.) And government assistance services such as CANUTEC
- Identification of a response team leader and the role of the response team leader respecting decision making, focal point, report preparation and submission, etc.
- Proposed containment and clean-up procedures
- Proposed transportation procedures
- Site restorations plan (in case of an accidental discharge) that will ensure that the area is rehabilitated to its pre-spill condition
- Proposed disposal procedures
- Available resources including manpower, contractors, treatment materials, expertise, communications, countermeasure equipment, etc.
- Public relations including the identification of an individual who can speak on behalf of the approval holder
- Incident reporting procedures and investigative follow-up procedures

If information submitted is incomplete, or if supporting documentation is of poor quality (plans, maps, etc.), the application may be delayed, returned or rejected.

SECTION 7 - DECLARATION

Correspondence is to be returned to: Owner OR Application Contact

Information in this application package which the applicant considers to be confidential business information should be clearly identified.

Are you making this request? Yes No

If yes, please indicate which information in the Supporting Documentation is considered confidential.

Owner's Signature Corinna B. Kincaid Date (yyyy/mm/dd) 2002/04/23

Name (Please print or type) CORINNA B. KINCAID, PRESIDENT, HAVA STONE EXPORTERS INC.

OR

Owner's Authorization (Letter of Authorization attached)

If you are acting on behalf of the owner, you must:

1. Attach a letter of authorization from the **Owner** identified on Page 1, Section 1, of this application.
2. Identify yourself as the **Application Contact** on Page 1, Section 2, of this application.
3. Sign the declaration below

I certify that I am acting with the owner's full consent.

Signature [Signature] Date (yyyy/mm/dd) 2002/04/23

Name (Please print or type) PAUL G. BURTON