

# APPENDIX 1

## MONOPROS LIMITED

Section	Policy No.	Page 1 of 14
Subject  <b>ENVIRONMENT POLICY</b>	Supersedes <b>July 10, 1992</b>	Date <b>January 1st, 1998</b>
<div style="display: flex; justify-content: space-between;"> <div style="width: 25%;"> <b>PURPOSE</b>   <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> MAR 09 2000 PUBLIC REGISTRY </div> </div> <div style="width: 75%;"> <p>Monopros Limited is conscious of its responsibility toward the environment and, therefore, is committed to taking every reasonable precaution toward ensuring the protection and conservation of the natural environment, the safety and health of its employees and the community from any harmful effects of its materials and operations.</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 25%;"> <b>SCOPE</b>   <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> INTERNAL  TO: [ ]  IA: [ ]  OM: [ ]  TA: [ ]  PS: [ ]  LD: [ ]  CO: [ ]  BRD: [ ]  PR: [ ]  NSD: [ ]  NCL: [ ] </div> </div> <div style="width: 75%;"> <p>All employees of the Company are required to adhere to the guidelines set out herein. In particular the Company and each of its employees must comply with all applicable federal, provincial and municipal environmental laws, including statutes, regulations and by-laws. Violation of environmental legislation, or the Company's policy, can have a serious and lasting effect on both the Company and the individual in question.</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 25%;"> <b>RESPONSIBILITY</b>   NSD NCL </div> <div style="width: 75%;"> <p>To ensure that the Board of Directors is kept apprised of environmental matters, each geologist must include a section in his/her monthly report on environmental concerns or issues, including environmental care. The Senior Vice-President will be responsible for keeping the Board of Directors informed about these matters.</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 25%;"> <b>POLICY</b> </div> <div style="width: 75%;"> <p>The following is a guideline for a pro-active approach toward environmental care. However, it is recognized that legislation can vary Canada-wide. Therefore, the guidelines stated herein are necessarily of a general nature and must always be followed with particular reference to the legislation and aboriginal agreements applicable to the area involved.</p> </div> </div>		
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## DEFINITIONS - ONTARIO

### 1. DISCHARGE

A discharge is a release of a contaminant into the natural environment which has or is likely to cause an adverse effect (such as injuring property, plants or animal life, or impairing a person's safety).

### 1. SPILL

"A spill is a discharge of a pollutant:

- i) into the natural environment;
- ii) from out of a structure, vehicle or other container;
- iii) that is abnormal in quality or quantity, in light of all of the circumstances

All three criteria must be met to be regarded as a spill."

### 2. POLLUTANT

"A pollutant is a contaminant other than heat, sound, vibration or radiation, and includes any substance from which a pollutant is derived. It must result directly or indirectly from human activities and be capable of causing an adverse effect."

### 3. DEPOSIT

Deposit is defined as "any discharging, spraying, releasing, spilling, leaking, seeping, pouring, emitting, emptying, throwing, dumping or placing."

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	<p><b>4. DELETERIOUS SUBSTANCE</b></p> <p>i. " any substance that, if added to any water, would degrade or alter or form part of a process of degradation or alteration of the quality of that water so that it is rendered or is likely to be rendered deleterious to fish or fish habitat or to the use by man of fish that frequented that water; or</p> <p>ii. any water that contains a substance in such quantity or concentration, or that has been so treated, processed or changed, by heat or other means, from a natural state that it would, if added to any other water, degrade or alter or form part of a process of degradation or alteration of the quality of that water so that it is rendered or is likely to be rendered deleterious to fish or fish habitat or to the use by man of fish that frequent that water."</p> <p>Diesel fuel, bunker C oil, ammonia and sediments including silt, sand, clay and gravel are among the substances that have been held by the courts to be deleterious.</p>	
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	<p style="text-align: center;"><b>EMERGENCY RESPONSE PLAN</b></p> <p style="text-align: center;"><b>BASIC SPILL PROCEDURE STEPS</b></p> <p>In the case of any "spill" or other environmental emergency, it is necessary to react in the most immediate, safe and environmentally responsible manner. It must be remembered that no "spill or occurrence" is so minor that it can be ignored.</p> <p>The basic steps, in order of priority are as follows:</p> <ol style="list-style-type: none"> <li>I. At all times ensure the safety of all persons.</li> <li>II. Find and identify the substance and source, and if possible stop the process or shut off the source.</li> <li>III. Inform your immediate supervisor or his/her designate <b>immediately</b> so that he/she may take appropriate action including contacting a government official, if this is required..</li> <li>IV. Contain the spill or environmental hazard in accordance with the procedure as posted at each specific site.</li> </ol>	
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## IMPORTANT TELEPHONE NUMBERS

### COMPANY PERSONNEL

1. Geologist in charge  
Telephone #
  
2. Donald Boucher, Divisional Manager (East)  
Bus. Telephone # (819) 824-2444  
Res. Telephone # (819) 825-3886  
  
Todd McKinlay, Divisional Manager (West)  
Bus. Telephone # (867) 873-4530  
Res. Telephone # (867) 873-3780
  
3. Jonathan Fowler, Senior Vice-President  
Bus. Telephone # (416) 363-2665  
Res. Telephone # (905) 634-0248

or

Wolfgang Skublak, Vice-President  
Bus. Telephone # (416) 363-2665  
Res. Telephone # (905) 475-2907

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	<b>GOVERNMENT AGENCIES</b>		
	Alberta	1-800-272-9600 (24 hours) Alberta Public Safety Services	
	British Columbia	1-800-665-7027 Ministry of Environment Regional enquiries - ask for local number	
	Manitoba	(204) 944-4888 Central Switchboard	
	Saskatchewan	1-800-667-7135 General Inquiries 1-800-667-7525 Spill Report Centre (24 hours)	
	Quebec	(418) 643-4595 (24 hours) Urgence Environment\Environmental Emergency Number 1-800-561-1616 Energy, Mines Resources number Open until 4:30 p.m.	
	Newfoundland	1-800-563-2444 Environmental Emergency Number	
	Nova Scotia	1-800-565-1633 Environmental Emergency Number (24 hours)	
	New Brunswick	1-800-561-4034 Emergency Measures Number	
	Ontario	1-800-268-6060 Environmental Emergency number Spill Reporting (24 hours)	
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<p><b>GOVERNMENT AGENCIES (continued)</b></p> <p>Prince Edward Island 1-800-565-1633 Environmental Emergency Number (902) 368-0204 Rescue and Environmental Response</p> <p>N.W.T. (Yellowknife) Mine Site and Exploration Site Accident Reports 873-4412 - Peter Bengts, Inspector, Prevention Services, Workers' Compensation Board (during office hours) 873-0123 (cell phone number) - At all other times, outside regular business hours - for assistance</p> <p>Yukon 667-7244 (dial from anywhere in Yukon area) Government of Canada Environment Oil and Chemical Spills number</p>		
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	<p><b>1. PRELIMINARY WORK</b></p> <ul style="list-style-type: none"> <li>• Acquire copies of all relevant legislation applicable to the project area and study the conditions therein to ensure a complete understanding. It is the responsibility of each geologist to know and understand the legislation applicable to his/her particular area and to act in such a manner as to prevent or minimize any damage to the environment.</li> <li>• Obtain any necessary work permits from the appropriate government agency.</li> <li>• Prior to the commencement of work the MNR/Environment should be contacted with reference to the appropriate method of dealing with beaver dams and blocked roads.</li> <li>• Learn as much as possible about priorities and objectives of nearby residents and communities and where applicable enhance communications and understanding. Be pro-active. Anticipate and address concerns.</li> <li>• Prior to the commencement and during exploration activities, all Monopros employees and contractors associated with the programme must be informed of this policy and the legal requirements and conditions imposed by the various government agencies.</li> <li>• Identify areas designated as environmentally sensitive (e.g. parks, wildlife preserves, etc.) or otherwise restricted, such as native settlements, parks or posted land. Private property must be respected and if work is contemplated on private property or otherwise restricted areas, permission must be obtained prior to commencement.</li> <li>• Ensure that all personnel, including contractors (i.e. drilling, earth moving, helicopter and fixed wing, etc.), associated with the project are informed, trained and comply with any environmental requirements. The geologist responsible must ensure that an appropriate environmental clause is included in the agreement with and followed by any contractor.</li> </ul>	
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	<ul style="list-style-type: none"> <li>• Prior to, and during the field season, at regular intervals not more than one month apart, all equipments/systems must be inspected to ensure that no defects are present.</li> <li>• Prior to the initiation of sample collection, determine the most environmentally effective means of access for a given area. Vehicles should be restricted to established roads and tracks wherever possible. In the event that access by vehicles would be difficult, the use of helicopter should be considered. At all times avoid unnecessary disturbance of vegetation and wildlife.</li> <li>• Ensure that all vehicles, machinery, campsites and warehouses are, or will be, equipped with the appropriate fire fighting apparatus.</li> </ul>	
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	<p><b>2. RECONNAISSANCE SAMPLING</b></p> <ul style="list-style-type: none"> <li>• In wet weather, priority should be given to working in better drained areas first so as to minimize any surface disturbance by vehicles.</li> <li>• Creek or river bed crossings are to be undertaken by fording or bridging in a manner so as to minimize disturbance or erosion.</li> <li>• Campsites must be set up in accordance with the relevant rules and regulations imposed by local jurisdictions and/or authorities. Where possible, pre-existing campsites or trailer parks should be used.</li> <li>• Good housekeeping must be practiced keeping the campsite clean, orderly and safe.</li> <li>• All refuse must be placed in the appropriate receptacle or carried out and disposed of at approved dumpsites.</li> <li>• Clearing of deadfall must be kept to a minimum.</li> <li>• During sample collection around populated areas, every effort must be made not to disturb livestock or crops.</li> <li>• All sample holes must be backfilled and capped with original vegetation.</li> <li>• Where practical, stream sediment samples should be taken above the water level.</li> </ul>	
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	<ul style="list-style-type: none"> <li>• The geologist in charge is responsible for the proper instruction of his crew on the safe handling procedures and storage of potentially hazardous materials such as fuel for trucks and helicopters, and propane for cooking, in accordance with WHMIS Guidelines.</li> <li>• In remote areas where a helicopter is used for access, the lighting of fires at sample sites is prohibited.</li> </ul> <p><b>3. HELICOPTER SAMPLING</b></p> <p><u><b>Refuelling</b></u></p> <ul style="list-style-type: none"> <li>• all aircraft fuel must be stored in approved aviation drums or bladders and any transfer of fuel must be made through approved aviation fuel hoses.</li> <li>• pumps used for refuelling must be grounded to prevent sparks from static or stray currents.</li> <li>• in remote locations, refuelling must take place at camp, at an airstrip if available or at a designated fuel cache.</li> <li>• if fuel is stored in bladders, the ground site must be levelled and all sharp objects removed. A berm consisting of mud or sand and lined with an impermeable membrane must be constructed around the bladder.</li> </ul>	
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## 4. EXPLORATION SAMPLE TREATMENT AND BULK SAMPLE TREATMENT

- no sediment laden waste water will be discharged into any body of water i.e. lake, pond, creek, stream, river
- all waste water must be discharged into a series of one or more tailings settling ponds or processed through a device to remove the sediment content until the legislated water quality is obtained
- tailings must be disposed of in accordance with applicable legislation

## 5. DETAILED WORK

### a) Sampling

- if any cutting or clearing is required for access along grid lines for systematic sampling, disturbance of the natural cover is to be kept to the minimum.

### b) Ground Geophysics

- lines must be cut or picketed with minimal impact to the environment;
- geophysical cut lines must be less than 1 metre wide or in accordance with applicable legislation;
- private property must be respected and if work is contemplated on private property or otherwise restricted areas, permission must be obtained prior to commencement,
- where practical, endeavour to schedule work for the period after freeze-up to reduce impact to the environment.

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	<p><b>c) Drilling</b></p> <ul style="list-style-type: none"> <li>• see "preliminary work";</li> <li>• all drill pads must be laid out so as to minimize disturbance of the vegetation;</li> <li>• all drill holes to be capped or plugged after drilling;</li> <li>• mud pits must be backfilled and reseeded or re-vegetated as required by the relevant authorities;</li> <li>• the geologist responsible must inspect the site upon completion of the drilling contract to ensure that the site is reclaimed and rehabilitated.</li> </ul> <p><b>d) Pitting, Trenching and Excavation of Bulk Samples</b></p> <ul style="list-style-type: none"> <li>• cross ditches must be installed where required to prevent/reduce soil erosion;</li> <li>• all pits, trenches and bulk samples must be levelled and spoil used for backfill.</li> </ul>	
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	<p><b>6. ABANDONMENT OF AREA</b></p> <ul style="list-style-type: none"> <li>• All garbage and debris, waste oil or fuel accumulated from our activities are to be carried out and disposed of at approved dump sites.</li> <li>• Any disposal pits required in connection with our activities are required to be backfilled and levelled and all bare soil areas to be revegetated.</li> <li>• The conditions and regulations as set out by the various jurisdictional authorities in our work permits for the closure of campsites or completion of a specific programme must be complied with. All effort must be made to leave the sites in a state equal to or better than before our operations.</li> </ul>	
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