SILVERMET CORPORATION

OIL AND HAZARDOUS MATERIAL

SPILL CONTINGENCY PLAN

February 27, 2007

Prepared By :
Aurora Geosciences Ltd.
3502 Raccine Road
Yellowknife, NT
X1A 3J2

Oil and Hazardous Material
Spill Contingency Plan

The Spill Contingency plan is in effect for the Silvermet Corporation Silvermet Lake camp operating under a Class A or Class B Land Use Permit where barrel fuel storage is used. This plan is for the :

Camp : Silvermet Lake
Location : 66° 59.2' N and 114° 54' W

Introduction

This Spill Plan has been developed to formalize the actions taken in the event of an Oil or Hazardous Material Spill. The responsibilities of key personnel and the procedures to be followed in responding to a spill are outlined. This spill contingency plan is to minimize the health and safety hazards, environmental damage and clean up costs. The plan has been prepared to provide easy access to all the information needed in dealing with a spill.

Aurora Geosciences Ltd. (and its precursor Covello, Bryan and Associates) have been active in the Territories over the past 30 years. Plans for this program include exploration drilling to follow up geochemical soil analyses. Equipment most likely to be used during this land use permit will be an Alouette A-Star helicopter , a drill (Boyles 25A or equivalent), 11kW generator for camp and ancillary pumps, etc for obtaining water for camp and drill. P 50 heating oil will be used in oil stoves, generator and the drill and Jet B will be used for the helicopter, regular unleaded gas will be used for water pump and possible boat or snowmobiles.

The main fuel cache will be a minimum of 100m from the shoreline of any lake used to get the fuel in and will be contained within 205 litre sealed containers. Barrels will generally be moved by helicopter or by rolling on the ground. Lubricants and oil will be stored inside a storage tent at camp or under a tarp closer to the drill area. We must ensure absorbent padding underlies the storage of lubricants and that they are checked regularly for leakage.

The most likely source for spillage and leakage include poor seals on drums, mishandled drums, accidental puncture of fuel lines (either by wear or animals).

INITIAL RESPONSE

Procedure to be followed upon discovering a spill of oil or hazardous material :

i) Insure personal safety and keep a safe distance
ii) Alert other personnel in the vicinity
iii) Do not approach spill unless you have been trained to do so
iv) Alert appropriate personnel (Camp Supervisor) and follow instructions
v) If trained and conditions allow, spill should be stopped and contained
vi) Record pertinent information on spill status
vii) Report spill immediately to NWT 24 Hour Spill Report Line (867) 920-8130
viii) Resume or continue effective action to contain, clean up, or stop flow of spilled material

Reporting Procedure

All spills of petroleum products or other hazardous materials must be reported to the 24 Hour Spill Report Line to ensure that an investigation may be undertaken by the appropriate government authority.

The following outlines the procedure to be taken when reporting a spill to the appropriate authority :

SPILL REPORTING PROCEDURE

1) Fill out the "Spill Report Chart" as completely as possible before making the report.
2) Report immediately to Yellowknife using the 24 Hour Spill Report Line:

24 HOUR SPILL REPORT LINE : 867-920-8130

3) Where Telex is available, follow up immediately by sending a copy of the Spill Report Chart

Facsimile : 867 – 873 - 6924

4) RCMP communications may be used if other means are not available

Additional Information or Assistance :

Environmental Protection Services, YK	Phone : 867-873-7654 Fax : 867-873-0221
KIA Lands, Kugluktuk	Phone : 867-982-3310 Fax : 867-982-3311
Environment Canada, YK	Phone : 867-669-4710 Fax : 867-873-8185

In preparation of making a report to the appropriate officials, the reporting person must have specific information regarding the spill. Please fill out the following "Spill Report Chart" prior to making a report.

RESOURCE INVENTORY

The personnel make-up of the field camp will be in constant as this program is speculated to be three weeks maximum. The numbers will vary from 11 – 13 people. The camp will have a First Aid Attendant, a WCB Supervisor and/or trained Camp Man on site while in operation.

Resources Available at Any Time During Operation :

Hand Tools (shovels, picks, rakes)
Wheel Barrow (summer)
Snow mobile sleighs (winter)
Absorbent Pads
Water
Protective Gloves, footwear and eyewear
First Aid Station
Satellite Phone Communication
Water Pump

Resources Available Periodically :

Helicopter
Fixed Wing

HAZARDOUS MATERIAL INFORMATION

Name of Chemical	Chemical Supplier	Potential Hazards
Heating Oil – Diesel Fuel	Matonabee Petroleum or Bassett Petroleum	Fire, explosion or leakage
Lubricants for drill and Polydril	Canadian Tire Diversity Technologies Corp	Leakage, fire Nuisance dust, mechanical irritation
Jet B fuel	As Above	Fire, explosion or leakage
Regular Unleaded Gas	As Above	Fire, explosion or leakage
Propane	Superior Propane	Fire or explosion
Battery Acid	Home Hardware or C Tire	Limited; eating plastics or clothing

ACTION PLAN

CAMP SPILLS

Procedure

1. The person who first discovers a spill of hazardous material should follow the procedures set out in the section entitled "Initial Response".
2. Together with the field operations Supervisor, the situation will be reassessed and effective actions will be carried out in order to contain, clean up and stop the flow of spillage. Such actions may include:
    a) determining the origin of the spill, if fuel drums have been punctured or are leaking due to unsatisfactory seal, the fuel should be transferred into competent drums and/or seals should be replaced,
    b) absorbents and booms should be placed in order to recover all the free fuel before it is allowed to seep into the environment. Special care should be taken to prevent spills from entering fish habitat,
    c) construction of containment dikes and recovery trenches using available hand tools to divert and control runoff,
    d) continual monitoring of the site to ensure no subsequent spills have occurred,
    e) safe and proper disposal of any materials used during the containment and clean up of spilled fuel,
    f) continued assessment of soils and waterways within the area to determine if further remediation is required,
    g) any actions required by appropriate government authority.

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY:	**Diversity Technologies Corp.**	DATE:	July 21, 2006
	8750 – 53rd Ave.	PHONE:	780-468-4064
	Edmonton, AB T6E 5G2	FAX:	780-469-1899

PRODUCT NAME: **POLYDRILL**

PRODUCT USE: Oil-well drilling fluid additive
CHEMICAL FAMILY: Sulphonated organic polymer CAS#: Mixture

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not WHMIS controlled.
WORKPLACE HAZARD: Treat as nuisance dust.

TRANSPORTATION OF DANGEROUS GOODS (TDG)

PROPER SHIPPING NAME: Not regulated under TDG
TDG CLASSIFICATION: Not applicable
UN NUMBER (PIN): Not applicable
PACKING GROUP: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	CAS NUMBER	LD_{50} Oral-Rat	LC_{50} Inhal-Rat	ACGIH-TLV

Contains no WHMIS controlled ingredients.

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: [ ] EYE CONTACT [ ] SKIN [ ] INHALATION [ ] INGESTION
EYE CONTACT: May cause mechanical irritation.
SKIN CONTACT: Not effects expected.
INGESTION: Not effects expected. LD_{50} (Oral-Rat) > 5000 mg/kg
INHALATION: High dust levels may cause upper respiratory tract irritation.
CARCINOGENICITY: No information available.
TERATOGENICITY: No information available.
REPRODUCTIVE TOXICITY: No information available.
MUTAGENICITY: No information available.

SYNERGISTIC PRODUCTS:	No information available.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT:	If irritation develops, wash with soap and water. Remove contaminated clothing. If irritation persists, obtain medical attention.
EYE CONTACT:	Flush with gently flowing warm water until particles are removed. If irritation persists, obtain medical attention.
INGESTION:	Do not induce vomiting. If conscious, rinse out mouth and give 1 to 2 glasses of water to drink. If vomiting occurs, keep head below hips to prevent aspiration of vomitus. Obtain immediate medical attention. Never give anything by mouth to an unconscious or convulsing victim.
INHALATION:	Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties, or distress, continue obtain medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Red brown powder; characteristic odour	
SPECIFIC GRAVITY:	Not applicable	
BOILING POINT (°C):	Not available	
MELTING POINT (°C):	>370 w/decomp	
SOLUBILITY IN WATER:	320 g/L @ 20°C	pH: 7-9 @ 20°C (15% sol'n)
PERCENT VOLATILE BY VOLUME:	Not applicable	
EVAPORATION RATE:	Not applicable	
VAPOUR PRESSURE (mmHg):	Not applicable	
VAPOUR DENSITY (air = 1):	Not applicable	
BULK DENSITY	600 kg/m^3	

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Not applicable
FLAMMABLE LIMITS:	Not applicable
EXTINGUISHING MEDIA:	Use media appropriate for packaging and surrounding materials.
SPECIAL FIRE FIGHTING PROCEDURES:	Self contained breathing apparatus required for fire fighting personnel. Remove from fire area if possible.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Product may form an explosive dust/air mixture. Exposure to temperatures above 370°C may cause combustible fumes to form.

SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX] UNSTABLE [ ]
INCOMPATIBILITY (CONDITIONS TO AVOID):	May react with strong oxidizing agents. Avoid dust generation and high temperatures (product begins to decompose above 370°C)
CONDITIONS OF REACTIVITY:	None known.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and sulphur on combustion or decomposition.
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX] MAY OCCUR [ ]

SECTION VIII: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Suggest NIOSH approved dust mask or respirator with dust cartridges be worn if dust is excessive, or if use is performed in an enclosed area or area with limited ventilation.
VENTILATION:	Use local exhaust ventilation, process enclosure or other engineering controls to maintain dust level below TLV.
PROTECTIVE GLOVES:	Personal preference.
EYE PROTECTION:	Suggest safety glasses with side-shields be worn.
OTHER PROTECTIVE EQUIPMENT (Specify):	Wear clothing adequate to protect against exposure. Ensure eyewash station and emergency shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid skin and eye contact. Wash thoroughly after handling. Avoid ingestion. Avoid breathing dust. Avoid creating dust cloud during handling. Use only in a well ventilated area. Launder contaminated clothing before reuse. Store in a cool, dry area away from oxidizers and ignition sources.

STEPS TO BE TAKEN IN CASE THE

Use appropriate safety equipment. Eliminat
if possible to avoid generation of dust. Col
contaminated material in an approved container
water. Collect washings for disposal. Do not flush to sewer.

WASTE DISPOSAL METHOD

Dispose in accordance with federal, provincial and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal.

SECTION IX: PREPARATION

THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH,
BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

DATE ISSUED:	July 21, 2006	BY:	Product safety committee
SUPERSEDES:	August 26, 2003	PHONE:	780-440-4923

Diversity Technologies Corp. is the parent company of Canamara-United Supply, Hollimex Products, The Drilling Depot and Westcoast Drilling Supplies.