Purpose and Scope

To clarify an efficient response to accidental releases of any product on land or into water, to minimize any potential impact to the environment. This applies to any product common to DMI's operations other than Used Motor Oil (FR-E006).

Note: Although operations by DMI and its contractors have limited amounts of potentially harmful release sources on our worksites, the potential of accidental release does exist. Consequently, this initial action plan is intended address that potential.

Procedure

1. Pre-plan sites for any potential of accidental product release. This includes having:

- An emergency "Spill Response Kit" placed in an easily accessible location as per the DMI Fuel Management Field Guide,
- current MSDS in an easily accessible location along with a current copy of the Emergency Preparedness and Response Plan (EPRP), with emergency contacts, and
- all employees trained in the use of the EPRP, MSDS, and the Spill Response Kit.

2. Identify the product and secure the worksite.

Typically, DMI operations do not normally include toxic products that immediately affect worker health; the operations do us highly flammable, explosive and / or pressurised products. Consequently, appropriate product information and precautions must be determined and obtained before containment action of product released is taken.

- Notify fellow workers for assistance.
- Through worksite knowledge, container labels (WHMIS), and resources (MSDS), identify released product.
- Terminate if necessary immediately adjacent operations.
- Extinguish any potential ignition sources.
- Obtain the necessary PPE.

3. Terminate / Control / Contain flow of product released.

If possible, terminate the release, i.e. correct upset tank, close valves, or consider securing valves and lids and tip a tank over on its side in the case of a puncture etc. If unable to stop the flow, control / direct the flow with hand tools or heavy equipment to an isolated area, i.e. a low spot that can be bermed.

4. Clean up the released product.

Obtain the necessary equipment for further containment and clean up:

- For smaller releases (0 – 200 litres) absorbents and hand tools can be used to contain and soak up any released product. The contaminated soil and absorbents can be placed in a barrel / drum and stored within secondary containment until they can be disposed of at a facility approved for such a product.
- For larger releases (200+ litres) refer to containment and clean up systems in the Emergency Preparedness and Response Plan. Consider heavy equipment to construct berms, collection pits, ditches and culvert blocks.

5. Product release into a water body.

If appropriate, deploy "Spill Response Kit" as per DMI's Fuel Management Field Guide to contain fluid and contact DMI immediately.

- Any release of any product of any amount into a water body is immediately reportable to DMI.
- This applies whether or not the product is controlled under the "Transportation of Dangerous Goods (TDG) Regulations" or the "Spill Reporting Guidelines" of Alberta Environment.
- If the amount of released product is reportable under the "Spill Reporting Guidelines", then DMI is immediately responsible to report the incident to Alberta Environment (1-800-222-6514), followed by a written report within 7 days.

Summary of Spill Reporting Guideline

Product	Immediate Release Reporting Requirements To:		
	Alberta Transportation	**Alberta Environment**	**DMI Forest Resources**
Diesel/ Gasoline	200 L+	200 L +, or may have an adverse effect on environment	20 L
Used Oil & Filters	N/A	Not regulated. Report any amount that may have an adverse effect on environment	20 L
Glycols & Hydraulic Fluids	N/A	Not regulated. Report any amount that may have an adverse effect on environment	20 L
Compressed Gasses	Any quantity that could pose a danger to public safety or any sustained release of 10+ min	100 litres +, or may have an adverse effect on environment	20 L
Herbicide	N/A	1L= of concentrate pesticide	Same as AENV Limits

REVISION HISTORY

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Revision 1.1:	December 12, 2006	Author: EMS Coordinator
Revision 1.2:	July 19, 2007	Author: EMS Coordinator
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APPROVAL:

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