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February 23, 2006

File Name: CAM-5 (3.6)

Sarah Gagne, EIT
 Technical Advisor
 Nunavut Water Board
 P.O. Box 119
 Gjoa Haven, NU X0B 1J0

Dear Ms. Gagne:

Re: Letter Dated Feb. 15, 2006 RE: NWB File No: 1BR-MAC

UMA Engineering Ltd. is providing the following information in response to the above-noted letter. The information is being provided on behalf of Defence Construction Canada and the Department of National Defence.

- 1) Please see the link in the e-mail to the tender drawings which were stamped and signed by R. Merkosky, P.Eng.
- 2) Please refer to the following sections in the document entitled *Defence Construction Canada, Project Description for the Clean Up of the CAM-5, Mackar Inlet DEW Line Site*, dated August 2005, which was included with the water use license application.
 - 5.10: Disposal of Site Debris
 - 5.11: Barrel Disposal Requirements
 - 5.12: Demolition of Facilities
 - 5.13: Removal of Hazardous Material
 - 8.35: Domestic Waste Management

The disposal requirements are outlined in the Project Description. Volumes that can be estimated are as follows: site debris (250 m³); non-hazardous demolition waste (2300 m³); and hazardous demolition waste (480 m³).

- 3) The exact incinerator specifications will be provided by the Contractor once the project has been awarded and they are preparing to mobilize to site.
- 4) Please refer to Sections 8.3: General Environmental Protection Measures and 8.3.2: Site Operations for the camp requirements. Please refer to the drawings for drainage and water body locations. The locations of camp facilities are the responsibility of the contractor and can be provided after contract award.

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- 5) The CAM-5 site is located on a DND federal reserve. As such, the requirements of the *Canadian Environmental Protection Act* are being followed. Please refer to Section 5.13: Removal of Hazardous Material and 8.3.16: Handling of Dangerous Goods and Hazardous Waste Materials.
- 6) Please refer to the following sections in the Project Description:
 - 5.5.3: Hydrocarbon Contaminated Soil Treatment Facility
 - 5.11: Barrel Disposal Requirements
 - 8.3.5: Domestic Waste Management

It is estimated that volumes of camp wastewater are 80% of the volume of water used in the camp. See water use license application for quantities required for this site. Potential volumes of wastewater from excavation areas are not easily predicted, as it is almost completely dependent on the volume of precipitation occurring at the site and the time of year that the work is completed.

- 7) Please refer to the following sections in the Project Description:
 - 5.4: Contaminated Soil Disposal Requirements
 - 5.5.3: Hydrocarbon Contaminated Soil Treatment Facility
 - 6.1: Climate
 - 6.2: Hydrology
 - 6.3: Geology
 - 6.8: Native Land Use
 - 7.4: Identification of Mitigation Measures and Residual Impacts
 - 8.2: Environmental Inspection
 - 8.3.3: Storage and Handling of Fuel and Other Hazardous Substances
 - 8.3.11: Hydrocarbon Contaminated Soils
 - 8.4.5: Permafrost Soils
 - 11.0: Monitoring and Maintenance Plans

Please also refer to the design drawings.

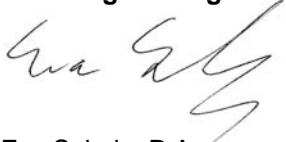
- 8.) MSDS will be provided by the successful contractor. Please refer to Section 9.0: Spill Contingency Plan. We have also attached four figures for the spill contingency plan for your reference.
- 9) Please refer to Section 11: Monitoring and Maintenance Plans in the Project Description. All confirmatory sampling will be in accordance with Part 13 of the DND/NTI Cooperation Agreement-Environmental Provisions, which is in Appendix B of the Project Description.

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Nunavut Water Board
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Please feel free to contact the undersigned if you have any further comments after reviewing the information provided within this letter and within our submission.

Sincerely,

UMA Engineering Ltd.



Eva Schulz, P.Ag.
Environmental Scientist
eva.schulz@uma.aecom.com

EMS:mm

Encl: Figures 1-4.

cc: Philip Warren, DCC
Phyllis Beaulieu/Dionne Filiatrault, NWB

Figure 1: Emergency Response Team Organization

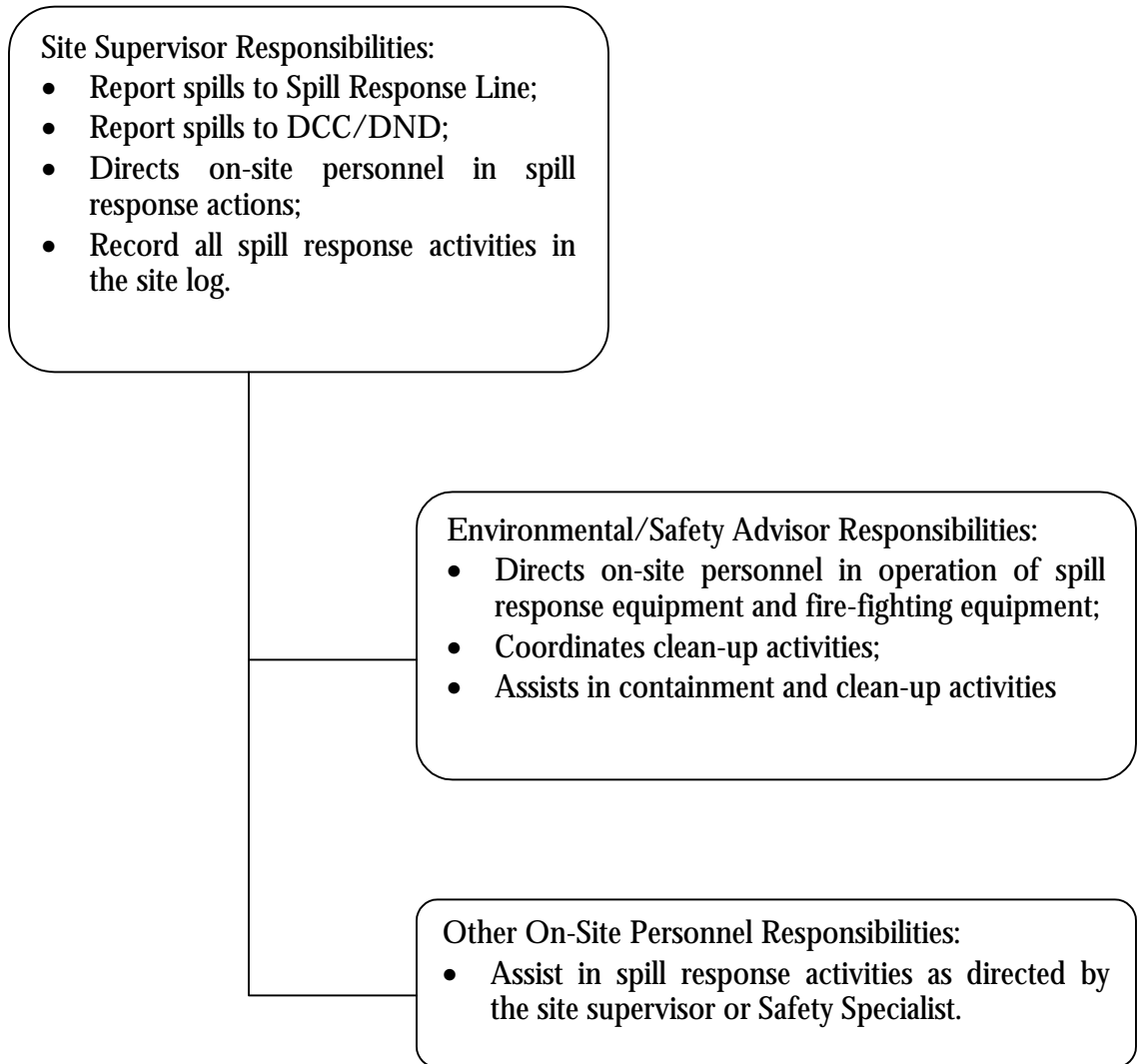


Figure 2: Initial Response Actions

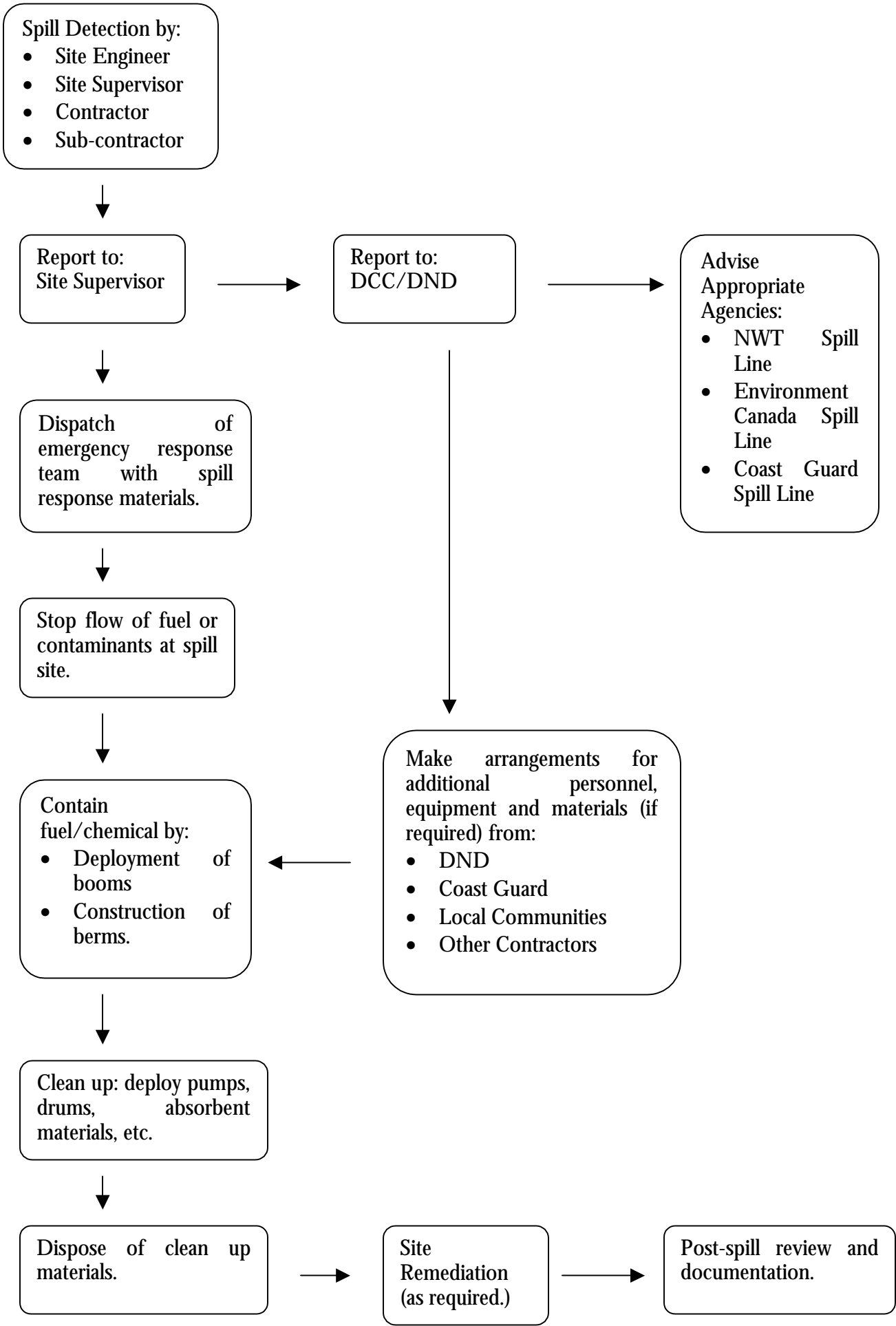


Figure 3: Procedures for Land Spill Response

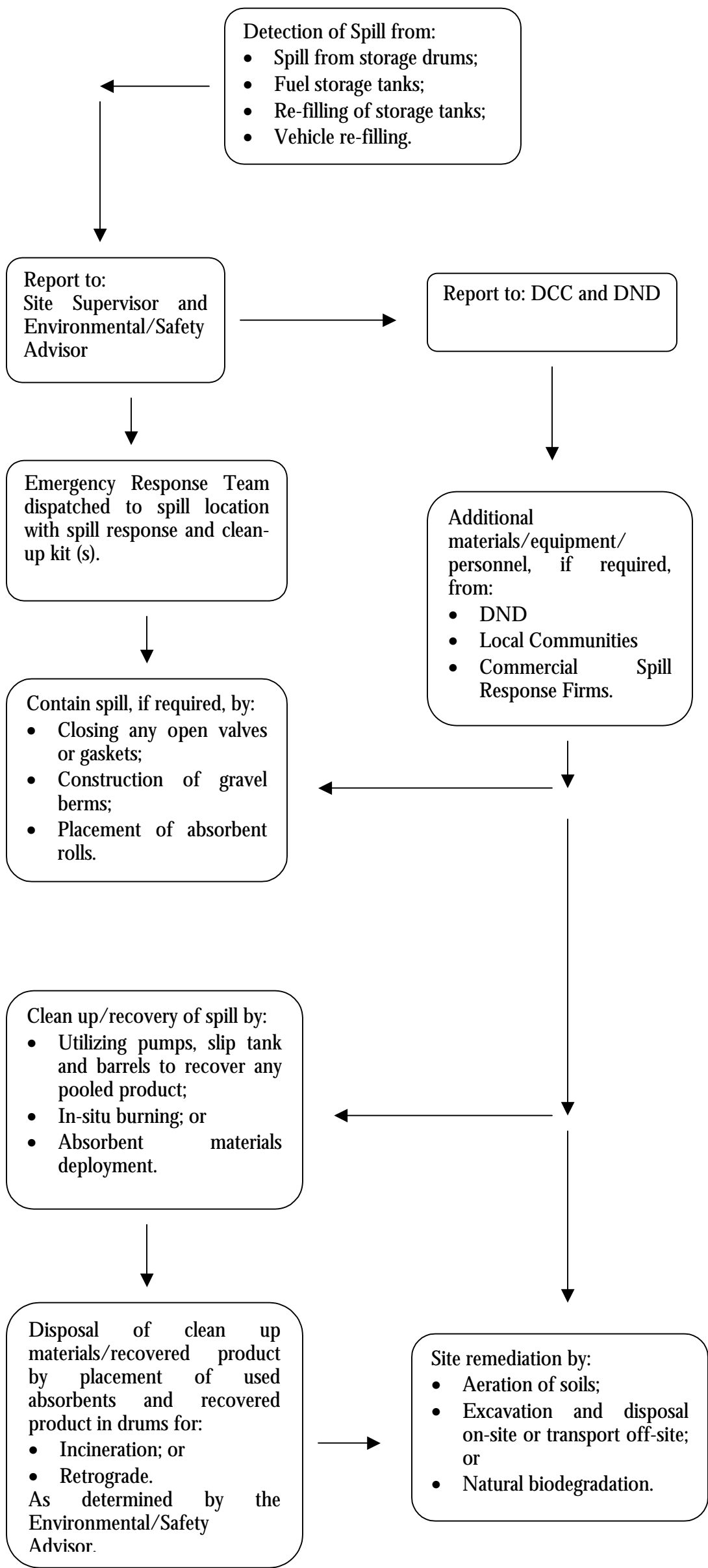


Figure 4: Response Procedures for Freshwater and Marine Spill Response

