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Oil and Gas Resources
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COO Direction # DPR-001

Date: 2014/08/29

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TITLE

Drilling and Production Environmental Protection Plans and Safety Plans

AUTHORITY

Drilling and Production Regulations ("DPR")

DIRECTION

In accordance with Section 153 of the DPR, the Chief Operations Officer (the "COO"), under the *Oil and Gas Act* hereby directs that applications to the COO for a Well Licence, Well Operations Approval, or Field Facility Licence or a transfer of any previously mentioned licences or approvals shall include the following:

1. An environmental protection plan, prepared pursuant to Section 153(3) of the DPR, that sets out, in addition to anything else that must be included in an environmental protection plan under Section 153 of the DPR, the procedures, practices, resources and monitoring necessary to manage hazards to authorized activities and protect the environment from those activities, and must include:
 - a. A summary of the studies undertaken to identify environmental hazards, estimate frequency, and assess consequences;
 - b. A description of the risk evaluation and the measures to avoid, prevent, reduce, and manage environmental risks;
 - c. A summary of the practices and procedures to be followed by site personnel to ensure environmental protection;
 - d. An emergency response plan to mitigate the effects of any reasonably foreseeable event that might compromise environmental protection;



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- e. Provisions respecting liaison with any relevant municipal, territorial, or federal emergency response agencies for the purpose of coordinating the program's emergency response plan with theirs;
 - f. A list of all structures, equipment, and systems critical to environmental protection and a summary of the systems in place for their inspection, testing and maintenance;
 - g. A description of the organizational structure for the site which shows the contact information and position of the person accountable for the environmental protection plan and of the person responsible for implementing it;
 - h. The procedures for the selection, evaluation and use of chemical or radioactive substances;
 - i. A description of equipment and procedures for treatment, handling and disposal of waste material;
 - j. A description of all discharge streams and limits for any discharge into the natural environment including any waste material;
 - k. A description of the system for monitoring compliance with the discharge limits identified in paragraph (j), including the sampling and analytical program to determine if those discharges are within the specified limits;
 - l. A description of the arrangements for monitoring compliance with the plan and for measuring performance in relation to its objectives; and
 - m. Any other matter that may be relevant in the circumstances or required by the COO.
2. A safety plan, prepared pursuant to Section 153(2) of the DPR, that provides for, in addition to anything else that must be included in a safety plan under Section 153 of the DPR, measures to anticipate, prevent, manage and mitigate potentially dangerous conditions during authorized activities and exposure to those conditions, and must also contain:



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- a. A summary of the studies undertaken to identify safety hazards, estimate frequency, and assess consequences;
- b. A description of the risk evaluation and the measures to avoid, prevent, reduce, and manage safety risks;
- c. A summary of the practices and procedures to be followed by site personnel to ensure their safety and the safety of the public;
- d. An emergency response plan to mitigate the effects of any reasonably foreseeable event that might compromise safety;
- e. Provisions respecting liaison with any relevant municipal, territorial, or federal emergency response agencies for the purpose of coordinating the program's emergency response plan with theirs;
- f. A list of all structures, equipment, and systems critical to safety and a summary of the systems in place for their inspection, testing and maintenance;
- g. A description of the organizational structure for the site which shows the contact information and position of the person accountable for the safety plan and of the person responsible for implementing it, pursuant to Section 160 of the DPR;
- h. A description of the arrangements for monitoring compliance with the plan and for measuring performance in relation to its objectives;
- i. A map indicating the Emergency Planning Zone along with prevention, protection and response provisions when hydrogen sulfide poses a hazard pursuant to Section 170 of the DPR; and
- j. Any other matter that may be relevant in the circumstances or required by the COO.



Kyle Rolling, P.Eng, Chief Operations Officer

AUGUST 29, 2014

Date