



Apr. 08, 2015

Ms. Tracey Braun
Manitoba Conservation
Environmental Approvals
123 Main Street, Suite 160 Union Station
Winnipeg, Manitoba
R3C 1A5

Ms. Braun,

Re: Vale Ltd., Manitoba Operations: T3 UG Fuel Delivery System 2015 – C140965

At this time Vale Ltd. is requesting the approval of the Director of Environmental Approvals to consider the enclosed Notice of Alteration submission as a minor alteration.

Context & Project Summary

Vale Manitoba Operations proposes the Installation of a Diesel Bulk & Batch tank on surface at the 378 RAR, piping from the batch tank to 3600 level underground, via the 378 shaft to the new receiver tanks on 3600 level.

This proposal general (mechanical, electrical and structural) supply & installation contract work will cover but not limited to, the following;

- Installation of one 75,000 liters bulk tank and one 4546 liters batch tank at surface, interconnected with each other and controlled with a panel
- Supply & installation of 2" & 1.5" SS pipes routed from surface into 378 ventilation shaft up to 3600 level
- Supply & installation of pumps, valves, fittings etc. as required and shown in the proposal documents
- Installation of two 4546 liters underground fuel tanks with enclosure, fire suppression and dispensing kit, connection with the fuel lines from shaft
- Coordination with 378 hoist activation and de-activation contractor, including coordination with the hoist operator supplied.

The project is scheduled to start Construction Aug. 03, 2015 and complete by Sept. 03, 2015.

This project will have an insignificant effect on current operating Health and/or Environment conditions.

Attachments

1. Sketch – XX-XXX-G-XXX02/03/08 – ID Surface to Underground Fuel Delivery System Surface Site Plan.(Three sketches)
2. 378 Aerial View - Picture
3. Health Effect & Environmental Letter.

Please feel free to contact Dave McDonald for any clarification on this submission.

Regards,



Russ Doman
Senior Project Specialist

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Project:

T-3 Mine: Surface to UG Fuel Delivery System

Health Effect: Insignificant

All applicable Vale health and safety policies and procedures will apply to contract workers and anyone else working on site.

All work will be assigned to and completed by qualified personnel.

The working environment will be assessed on a day to day basis to monitor weather and surface conditions in order to plan work safely.

Environmental Effects: Insignificant

Terrestrial:

The surface installation will be located beside the existing 378 Return Air Raise on an existing granular base. Minimal surface leveling of the area will occur in preparation for the installation of the concrete pad for the new fuel storage tanks and for the access road. The area is void of vegetation.

Aquatic:

No aquatic habitat near the proposed site. The new fuel storage tanks will be double walled and adequately protected from collision with the use of bollards. Concrete jersey barriers will be placed on either side of the aboveground fuel supply line to protect the line from collision.

Atmospheric:

No change in current atmospheric contributors' long term. During the leveling work there will be exhaust emissions from the heavy equipment.

Noise:

No Change long term. During the leveling work there will an increase in noise levels from the heavy equipment. The site is far enough away from the main mine site and community that the noise during leveling will not be noticed.

Community Impact:

No Change



