

Impact Management

Net Effects of the REMASCO Projects

Impact Management

- Measures are incorporated into the design and operating plan of the facilities to greatly reduce the potential for negative impacts from the development and operation of the REMASCO facilities.

Impact Management (2)

- For Water Related Issues
 - a stormwater management plan exists for the sites
 - construction contractor will control runoff quantities and prevent the transport of silt into the drainage areas
 - discharge from the operating process to a holding tank for reuse in the gasifier ash quench system, or for the flue gas cooling purposes

Impact Management (3)

- For Land Use Related Issues
 - The operation is an adjunct use to the greenhouses.
 - These require heat, and the ENERPAX pellets are simply a unique source of energy for the heating system
 - The REMASCO projects are not incompatible with existing uses.
 - Only ENERPAX pellets will be received at site. These pellets are densified fuel that does not attract vectors, nor does it create odour issues.
- The municipality has confirmed the adjunct use to be within the zoning and development rules.

Impact Management (4)

- Air Quality Issues
 - The company is committed to operating and maintaining the facility and equipment in a manner that ensures compliance with the Guideline A7 criteria.
 - This commitment includes maintaining the continuous emission monitoring systems and subjecting the units to annual testing in accordance with the requirements of its Certificate of Approval.
- Measures taken have been demonstrated to result in no exceedances of criteria

Impact Management (5)

- Potential for Noise Impacts
 - Acoustic consultant has identified the existing REMASCO facility can create an unacceptable noise level under certain conditions.
 - The problem originates from the type of impellers in the large induced fans.
 - These impellers will be replaced with quieter ones and all future induced fans will incorporate only low noise impellers.

Impact Management (6)

- Traffic
 - The Proponent will schedule shipments of pellets to arrive during the normal working hours thereby limiting the potential for unusual traffic conditions on the road surrounding the sites during low light hours when the presence of trucks could be more problematic.

Impact Management (7)

- Public Anxiety
 - REMASCO will institute a formal Public Liaison Committee to act as an independent committee to overview the operation of the facilities and create a communications channel for the community
 - REMASCO will provide the necessary seed funding for this committee
 - The committee will operate at arm's length from REMASCO as a not for profit organization with its own rules of governance.
- Should relieve anxiety

Net Effects of REMASCO

- The Environmental Screening Assessment suggests that the REMASCO projects will have some positive environmental effects:
 - Reducing air emissions from greenhouse heating boilers;
 - Reducing the use of fossil fuels at the project greenhouses; and,
 - Allowing local generation of electricity to reduce loads on the electrical distribution system;
 - Creating a PLC to work with the operators and ensure that local concerns are addressed;
- Any negative impacts, related to incremental increases in runoff from the sites, additional truck traffic to the sites, the generation of residue streams at the facility have been shown to be essentially insignificant.

What is Next?

- Review any comments received tonight to determine if there are unanswered questions
- Complete the Environmental Screening Report as required by the Regulation
- Issue a Notice of Completion of the Screening Study
- A 60 day review period starts when the Notice is issued
 - Comments to the MoE Director and to REMASCO
- After 60 days the Director makes his decision
- If accepted, REMASCO will proceed with application for full CofA for the EXISTING installations at Southshore
- Subsequently REMASCO will need to apply for permission to install additional units until full capacity is reached