

REGIONAL MUNICIPALITY OF OTTAWA-CARLETON
MUNICIPALITÉ RÉGIONALE D'OTTAWA-CARLETON

REPORT
RAPPORT

Our File/N/Réf. 31 07-97-0052-B
Your File/V/Réf.

DATE 6 June 1997

TO/DEST. Co-ordinator
 Planning and Environment Committee

FROM/EXP. Director, Solid Waste Division

SUBJECT/OBJET **SUNOCO INC.**
 APPLICATION FOR A WASTE TRANSFER AND
 PROCESSING SITE FOR SITE REMEDIATION
 92 BENTLEY AVENUE, CITY OF NEPEAN

DEPARTMENTAL RECOMMENDATIONS

1. **That the Planning and Environment Committee on behalf of and acting in its delegated authority from Regional Council:**
 - a) **decline to object to the application for a Certificate of Approval by Sunoco Inc. with respect to its waste transfer and processing facility located at 92 Bentley Avenue, in the City of Nepean, provided that the Certificate of Approval issued by the Ministry of the Environment and Energy (MOEE) is in accordance with the written information provided to the Regional Municipality of Ottawa-Carleton;**
 - b) **confirm that Recommendation 1 of this report is contingent upon the support for the facility of the local municipality in which it is located;**

2. **That the Planning and Environment Committee recommend that Council grant a Consent to Sunoco Inc. for the operation of the Engineered Bioremediation Cell Facility at 92 Bentley Avenue, Nepean, on the following conditions:**
 - a) **that Sunoco Inc. is issued a Certificate of Approval (C of A) from the Ministry of Environment and Energy (MOEE) for the construction and operation of this facility;**
 - b) **that the facility is constructed and operated in accordance with the C of A;**

- c) **that the facility does not dispose of any solid non-hazardous waste within Ottawa-Carleton;**
- d) **that Sunoco Inc. submit reports to the Environment and Transportation Commissioner of the RMOC which indicate, for the reporting period, the amount of soil received, the amount of soil remediated and any residue from the facility's operation. If the facility operates for twelve months or less, Sunoco Inc. shall submit a final report for the period of operation. If the facility operates for more than twelve months, Sunoco Inc. shall submit annual reports for the immediately preceding twelve month period for each year the facility is in operation and a final report upon completion of the operation;**
- e) **that the Consent shall terminate immediately on the breach of any of the above conditions or on the revocation of the C of A, or on the completion of the operation of the facility, or on cessation of the operation of the facility, whichever first occurs.**

INTRODUCTION

Sunoco Inc. has recently applied to the Ministry of the Environment and energy for a Certificate of Approval to operate a waste transfer and processing facility in the City of Nepean. The facility will be used for site remediation of petroleum hydrocarbon contaminated soil located on Sunoco properties at 92 Bentley Avenue and Hickory Street (at Champagne Street) in Nepean and Ottawa respectively. The Ministry, as part of their review, have requested comments from the Region.

DISCUSSION

Attached for the Committee's review is a checklist describing the Sunoco site. It is important to note that staff have not completed a technical review of the application but have reviewed the application in accordance with those issues within the jurisdiction of the Regional Municipality of Ottawa-Carleton and comment as follows.

The Health Department had no objections to the proposal but expressed concerns regarding soil reuse, stockpiling of transported soil and provisions for run-off collection and erosion. The Hickory Street property is adjacent to residential areas. As such, a determination should be made of the potential for any risks to neighbouring properties, such as the underground migration of hydrocarbons at the excavation stage. Lead may be present if the fuel contamination is long standing. The potential presence of contaminants other than BTEX and petroleum should be determined. Testing procedures and parameters from previous investigations should be provided.

The Surface Water Quality Branch requested that stockpiled materials be adequately protected to prevent eroded sediments from reaching any stormwater conveyance systems (i.e. piped or ditches). Stormwater coming in contact with contaminated materials and equipment must be appropriately treated before any discharge, i.e. to the sanitary sewer system as per the terms of the agreement with the RMOC Industrial Waste Section.

The Industrial Waste Section has issued permission to discharge the treated groundwater from the site to the sanitary sewer system. Should the proposed volumes exceed 50,000 litres per day, a new approval would be required. Any discharge from the facility to the sanitary sewer system must comply with Part 5.2 of the Regional Regulatory Code and their permission to discharge, issued 26 March 1997.

The Solid Waste Division requested that a Consent be granted at this time since this is a temporary facility.

As stated above, it is recommended that the Regional Municipality of Ottawa-Carleton decline to object to the facility.

CONSULTATION

Since public consultation forms part of the Ministry of the Environment and Energy's Certificate of Approval process, no public consultation was carried out. In addition, as a requirement of the Province of Ontario's Environmental Bill of Rights, the Minister is required to provide notice of proposals for instruments in the Environmental Registry for public review.

FINANCIAL IMPLICATIONS

This is a private sector facility and therefore there is no financial impact on the Region as a result of this report.

*Approved by
P. McNally, P.Eng.*

JBL

**REGIONAL MUNICIPALITY OF OTTAWA - CARLETON
WASTE PROCESSING FACILITIES
CHECKLIST**

FACILITY		
Project Title:	<u>Application for a Waste Transfer and Processing Site for Site Remediation</u>	
Description of Works:	<u>Remediation of contaminated soil (non-hazardous waste) using 3 Engineered Bioremediation Cells (EBCs) with a maximum storage capacity of 18,000 tonnes for 15,400 tonnes of petroleum hydrocarbon contaminated soil. After remediation is complete, facilities will be dismantled and removed.</u>	
Facility Owner/Operator:	<u>Sunoco Inc.</u>	
Property Owner:	<u>Sunoco Inc.</u>	
Applicant:	<u>Sunoco Inc. (Harvey Malcolm, Manager, Health and Safety)</u>	
Contact Person:	<u>A. Maddalena, Conor Pacific Environmental Technologies Inc.</u>	
Legal Description:	<u>Concession</u>	<u>R.P.</u>
Municipal Address of Facility:	<u>92 Bentley Avenue, Nepean, Ontario</u>	
Road Access:	<u>Bentley Avenue</u>	
Regional Councillor:	<u>David Pratt (Ward R3)</u>	

CIRCULATION		
<input type="checkbox"/> City of Nepean	Contact	<u>J. Sterling</u>
<input type="checkbox"/> R.M.O.C. Health		<u>A. Raven</u>
<input type="checkbox"/> R.M.O.C. Planning		<u>R. McKay</u>
<input type="checkbox"/> R.M.O.C. E.T.D. Transportation		<u>W. Van Hofwegen</u>
<input type="checkbox"/> R.M.O.C. E.T.D. Solid Waste		<u>J. Hall</u>
<input type="checkbox"/> R.M.O.C. E.T.D. Industrial Waste		<u>H. Ryan</u>
<input type="checkbox"/> R.M.O.C. E.T.D. Surface Water Quality		<u>M. Trudeau</u>

COMMENTS		
Regional O.P.	<u>Extensive Employment Area</u>	<input checked="" type="checkbox"/> Conforming <input type="checkbox"/> Non-conforming
Municipal O.P.	<u>Extensive Employment</u>	<input checked="" type="checkbox"/> Conforming <input type="checkbox"/> Non-conforming
Zoning	Present <u>Industrial Manufacturing - MM</u>	<input checked="" type="checkbox"/> Conforming <input type="checkbox"/> Non-conforming
	Proposed _____	
Site Plan Status	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Approved <input type="checkbox"/> Pending	If significant additions/renovations to be made <input type="checkbox"/> Not Required
Municipal Consent	<input checked="" type="checkbox"/> Granted <input type="checkbox"/> Not Granted <input type="checkbox"/> Pending	Date: June 3, 1997
Additional Comments:	<u>RMOC Health: Cautionary note regarding migration of hydrocarbons</u>	
	<u>RMOC Planning: no objection</u>	
	<u>RMOC Transportation: no objection</u>	
	<u>RMOC Solid Waste: recommends granting consent</u>	
	<u>RMOC Industrial Waste: Permission granted to discharge treated groundwater</u>	
	<u>RMOC SWQB: Provide protection against any runoff to stormwater conveyance system</u>	

Return to J. Lachance,

Engineering Services Branch R.M.O.C. (mail code 31)