

**REPORT NO. 292 of the
ENVIRONMENT, TRANSPORTATION & PUBLIC SAFETY
STANDING COMMITTEE**
of its meeting held August 26, 2015

Present: Councillor Fred Francis
Councillor Chris Holt
Councillor Hilary Payne (Vice Chair)
Councillor Paul Borrelli


Regrets: Councillor Bill Marra

That the following recommendations of the Environment, Transportation and Public Safety Standing Committee **BE APPROVED:**


Moved by Councillor Borrelli, seconded by Councillor Francis,
That the report authored by the Manager of Environmental Quality dated July 30, 2015 entitled "Proposed Stormwater Management Treatment Facility at the Zalev Bros. Scrap Yard" **BE RECEIVED** for information
Carried.

Livelihood #17875, EI/10533

Clerk's Note: The administrative report authored by the Manager of Environmental Quality dated July 30, 2015 entitled "*Proposed Stormwater Management Treatment Facility at the Zalev Bros. Scrap Yard*" is attached as background information.

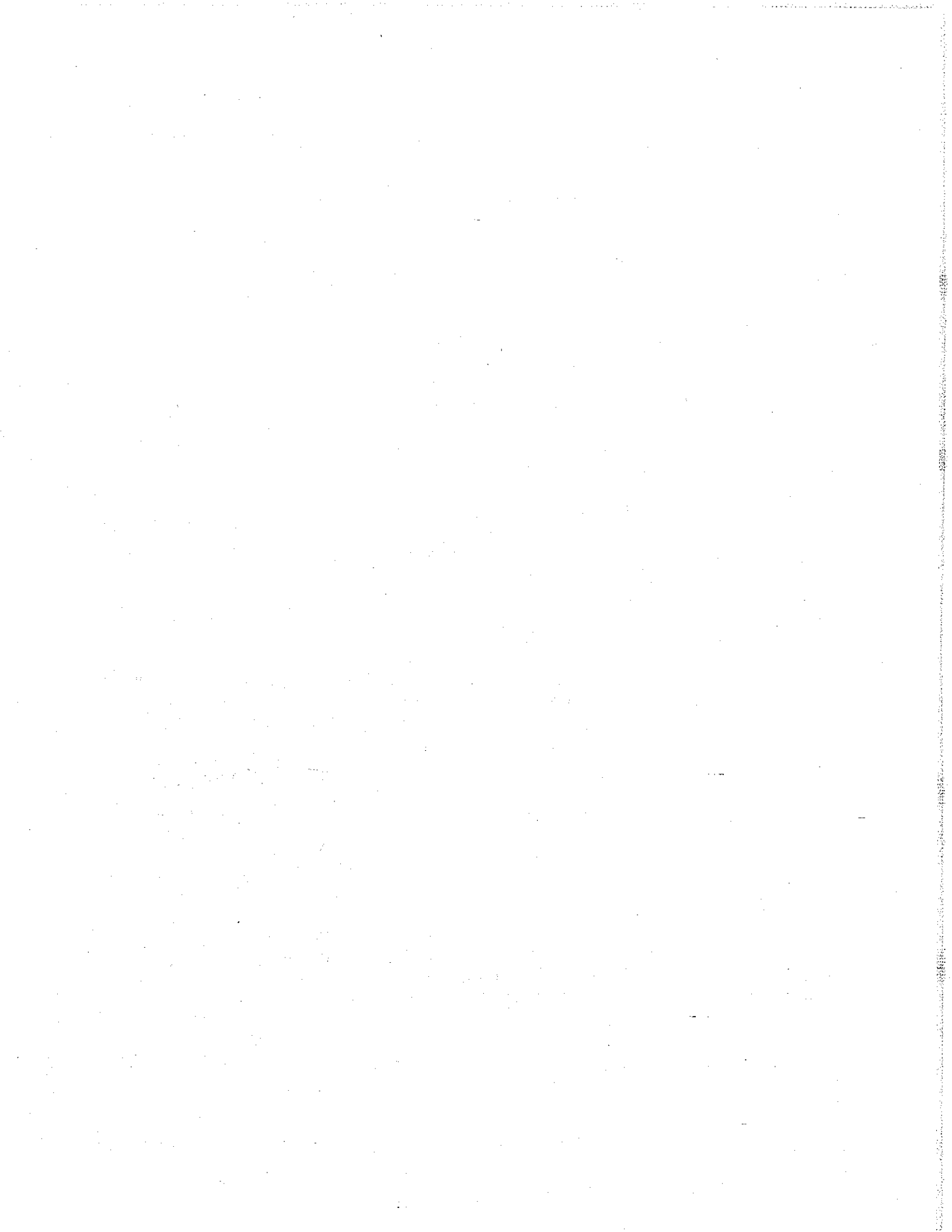


CHAIRPERSON



SUPERVISOR OF COUNCIL SERVICES

NOTIFICATION:	
NAME	CONTACT INFORMATION
Marcelina Wilson	marcelina.wilson@ontario.ca
GHD Consultants	goneill@CRAworld.com



**THE CORPORATION OF THE CITY OF WINDSOR
OFFICE OF THE CITY ENGINEER - Operations**



MISSION STATEMENT:

"Our City is built on relationships – between citizens and their government, businesses and public institutions, city and region – all interconnected, mutually supportive, and focused on the brightest future we can create together."

LiveLink REPORT #: 17875 EI/10533	Report Date: July 30, 2015
Author's Name: Paul Drca	Date to Committee: August 26, 2015 #5018 jc-08/04/15:eb
Author's Phone: 519 253-7111 ext. 3330	Classification #:
Author's E-mail: pdrca@city.windsor.on.ca	

To: Environment, Transportation & Public Safety Standing Committee

Subject: Proposed Stormwater Management Treatment Facility at the Zalev Bros. Scrap Yard

1. RECOMMENDATION: City Wide: Ward(s): _____

To Council for INFORMATION

EXECUTIVE SUMMARY:

N/A

2. BACKGROUND:

The Ontario Ministry of the Environment and Climate Change (MOECC) has issued orders to the Zalev Bros. Co. to address stormwater management issues at 100 Grand Marais Rd. E., the site of their metal scrapping operations. Zalev has retained GHD Consultants (formerly known as Conestoga-Rovers & Associates or CRA) to develop and design a stormwater management system to address the MOECC orders.

3. DISCUSSION:

MOECC Provincial Officers Orders to address stormwater runoff issues at the Zalev scrap yard date back to 2005. Since then, there have been numerous delays that have prevented the work from proceeding. The MOECC is now requiring Zalev to continue with the work. Zalev has retained GHD Consultants to prepare a stormwater management plan, design the facilities and submit an Environmental Compliance Approval (ECA) application for approval to the MOECC for the proposed stormwater management facilities.

The MOECC ECA will place compliance limits on stormwater runoff quality from the site. Zalev will be required to regularly monitor and report on compliance with the ECA. The MOECC has proposed that City of Windsor Sewer Use By-law 11446 limits for storm sewer discharges be used as the basis for compliance limits in the ECA. The Pollution Control Dept. has been in discussions with the local MOECC office and has no objections to the use of our storm sewer By-law limits. The MOECC has indicated that there is a high probability of additional or more stringent limits for certain stormwater parameters. The ECA application and subsequent approval are presently a work in progress.

The present proposed stormwater management facilities differ from what was proposed by CRA Consultants in June 2005. At that time, it was proposed to collect and treat two separate stormwater streams. Regular site runoff was to be directed to a new stormwater treatment pond at the north end of the site and discharge to a storm sewer, while higher strength stormwater runoff directly from piles of scrap metal was to be directed to a wastewater pretreatment facility for treatment and subsequent discharge to sanitary sewer.

The new proposed works eliminates the pretreatment facility/connection to sanitary sewer and directs all site runoff to an enhanced passive treatment system consisting of the following treatment trains:

- Oil/water separator
- Aeration pond
- Settling pond
- Treatment bed

As previously proposed, these newly constructed facilities will be located at the north end of the site and will discharge to the City storm sewer at Ouellette Ave. and Edinborough St. This storm sewer ultimately discharges to the Grand Marais Drain near Bruce Ave.

Present site drainage is to the south through an oil/water separator to a ditch on Grand Marais Ave. E., ultimately discharging to the Grand Marais Drain near Howard Ave. It is being proposed that all stormwater be directed from the present discharge point to the newly constructed facilities. The existing discharge point will remain for emergency runoff should the capacity of the newly constructed facilities be exceeded.

4. RISK ANALYSIS:

The construction of the proposed stormwater management works at the Zalev site presents no risk to the City provided that the site operator meets the compliance limits as proposed in the ECA application. Should the compliance limits not be met, the operator will be in violation of the ECA and subject to any penalties or Provincial Officers Orders as may arise. Non compliance may also result in violations of the City's Sewer Use By-law.

5. FINANCIAL MATTERS:

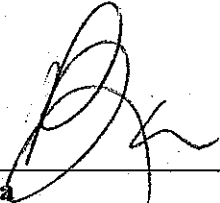
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6. CONSULTATIONS:

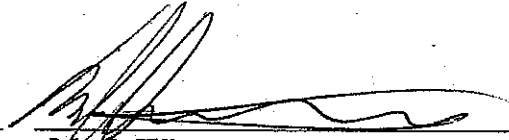
Windsor Area Office, Ontario MOECC
Zalev Bros. Company
GHD Consultants

7. CONCLUSION:

The proposed stormwater management works employ proven stormwater treatment technologies. The Pollution Control Dept. sees the result of this work as creating an overall improvement in the quality of the stormwater runoff from the Zalev site. All proposed site works will be subject to required City permits and approvals.



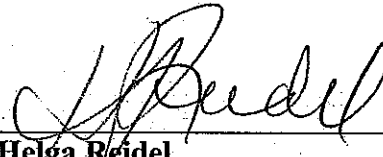
Paul Drca
Manager Environmental Quality



Mark Winterton
City Engineer and Corporate Leader
Environmental Protection and
Transportation



Chris Manzon
Sr. Manager Pollution Control



Helga Reidel
Chief Administrative Officer

/jc

APPENDICES:

DEPARTMENTS/OTHERS CONSULTED:

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NOTIFICATION :

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