

THE REGIONAL MUNICIPALITY OF NIAGARA

PUBLIC WORKS AND UTILITIES COMMITTEE

REPORT 6-2005

Minutes of a meeting of the Public Works and Utilities Committee held in Committee Room 4, Regional Municipal Building, Thorold, Ontario, on Tuesday, March 29, 2005 commencing at 1:40 p.m.

ATTENDANCE

Committee: Councillors Rigby, Chair; Bodner, Brock, Burroughs, Goulbourne, Harry, Hodgson, Leavens, Redekop, Salci.

Staff: Messrs. Trojan, Chief Administrative Officer; Neville, Commissioner, Public Works; Cousins, Director, Transportation Services; Payne, Director, Waste Management Services; Sidawi, Director, Operational Support Services; Mr. Kellendonk, Associate Director, Water & Wastewater Operations; Ms. Reilly, Legislative Assistant.

Staff (Part Time): Mr. Janas, Manager, Water Operations.

PRESENTATION

130. Earth Day

Ms. Dessa Fox, together with Richard Unyi and Greg Robles, International Marine Group (IMG) attended to provide Committee with IMG's proposed projects for Earth Day (April 22) and/or Earth Week. Projects include:

- *School's In For Earth Day* – Selected schools in Port Colborne and St. Catharines will receive an Earth Day package consisting of saplings, seeds, videos and reading material all of which will be donated in a reusable battery box from IMS for them to keep at their school.
- *Got Scrap* – Bring in your scrap and other recyclables to IMS facilities in Port Colborne and St. Catharines and receive a free sapling or package of seeds for planting.
- *Dig In! Help Us Plant A Tree* – IMG would like to donate several mature trees that would go towards the beautification of the communities in which they operate.

The presenters asked for input from Committee as to any objections/suggestions regarding these projects.

Committee members commented that municipalities would be happy to work with IMG to assist them with their activities. It was also suggested that IMG contact the Niagara Peninsula Conservation Authority and the Region's Waste Management staff for their additional input.

Moved by Councillor Bodner
Seconded by Councillor Burroughs

That the presentation from International Marine Group regarding Earth Day be received and referred to the City of St. Catharines and City of Port Colborne for information.

Carried.

PRESENTATION

131. New Water Regulations and Their Implications

Mr. Neville, Commissioner, Public Works, advised that the following presentation is to provide Committee with an overview of the new water regulations and their implications. A follow-up report will be prepared for the next Committee meeting.

Mr. David Kellendonk, Associate Director, Water & Wastewater Operations, advised that the new water regulations are a result of the Walkerton Inquiry and provide for strict regulations for water operations facilities to ensure safe drinking water.

Mr. Janas, Manager, Water Operations, provided a slide presentation on the various Safe Drinking Water Regulations. He commented that the new regulations are intended to protect the public's health by increasing water standards. Mr. Janas outlined the numerous regulations under the Safe Drinking Water Act, as well as other Acts such as "Sustainable Water and Sewage Systems Act" and "Source Water Protection Act". Also highlighted was the current status of the "Sustainable Water and Sewage Systems Act, Bill 175" and a brief description of its components: Full Cost of Service Report; Cost Recovery Report; Financial Management and Enforcement. Mr. Janas outlined the Source Water Planning Governance Structure, noting that it is a work in progress and that the Niagara Region has developed its own Water Quality Protection Strategy. Committee was apprised of the status of the Drinking Water Quality Management Standard and the basic building block which is to Plan; Do; Check and Improve. Tying it all together is the Municipal Drinking Water System Licencing:

- Licences will be required for all municipal residential drinking water systems.
- Licences are an approval for municipal owners to "use" a municipal drinking water system.
- The Licence is an umbrella approval granted after five prerequisites are in place.

A chart detailing the Licence/Accreditation Model was presented.

PUBLIC NOTICE

132. Intersection Improvements on
Regional Road 49 (Marineland Parkway) at
Regional Road 102 (Stanley Avenue)
City of Niagara Falls

Councillor Rigby, Committee Chair, introduced the public hearing with respect to Intersection Improvements on Regional Road 49 (Marineland Parkway) at Regional Road 102 (Stanley Avenue) in the City of Niagara Falls and asked whether any person present would like to be heard (there were no responses).

Mr. Cousins, Director, Transportation Services, advised Committee that the notice of the proposed by-law was advertised February 26 and March 19, 2005. The Director commented that the project is expected to be completed in June with costs expected to be less than \$300,000, to be paid by the developers (the necessary securities for costs are in place).

Moved by Councillor Salci
Seconded by Councillor Burroughs

That for the road improvements outlined in the Public Notice of February 26, 2005 and the Commissioner of Public Works Report PWA 35-2005, February 22, 2005, this Committee authorizes the intersection improvements on Regional Road 49 (Marineland Parkway) at Regional Road 102 (Stanley Avenue) in the City of Niagara Falls, may proceed.

Carried.

PRESENTATION (continued)

133. New Water Regulations and Their Implications

Councillor Rigby, Committee Chair, inquired as to whether there were any questions to the presentation on New Water Regulations and Their Implications. As there were no further questions or discussion, it was:

Moved by Councillor Redekop
Seconded by Councillor Leavens

That the presentation on New Water Regulations and Their Implications, be received.

Carried.

ADMINISTRATION

Deferred Report

134. Ammonia Supernatant/Centrates Management and Application for Green Municipal Funds
Project ZSW0206/SW0514
-

Mr. Kellendonk provided a brief overview of the additional information requested by Committee at its meeting of March 8, 2005 regarding Report PWA 44-2005 and as outlined in PWC 11-2005.

Moved by Councillor Burroughs
Seconded by Councillor Bodner

That Report PWA 44-2005, March 8, 2005, respecting Ammonia Supernatant/Centrates Management and Application for Green Municipal Funds Project ZSW0206/SW0514, be received.

That approval be given to initiate a pilot study to utilize an air stripper process for the removal of ammonia from supernatant and centrate from biosolids processing;

That staff be directed to enter into negotiations to partner with Enpar Technologies Limited to undertake the pilot study;

That approval be granted to proceed with applying for Green Municipal Funding in the amount of \$115,600, which represents 50% of the total project cost;

That project costs related to the application and related requirements be charged against Capital Works Project ZSW0206/SW0514 Innovation, Research and Implementation of New Technology.

Carried.

(Refer to staff direction on page 68.)

For Committee Consideration

The Committee considered the following staff recommendations contained in the PWA Summary and Addendum, March 29, 2005:

135. Regional Actions to Implement Provision
Of Inter-Municipal Specialized Transit Services
PWA 48-2005

That Report PWA 48-2005, March 29, 2005, respecting the Regional Actions to Implement Provision of Inter-Municipal Specialized Transit Service, be received.

That the Transportation Strategy Steering Committee recommends to the Regional Public Works and Utilities Committee and Regional Council:

That Regional staff be directed to proceed with a program to implement a Region-wide Inter-municipal Specialized Transit service with initial operating subsidies to be funded by the Regional tax levy.

136. Landfill Gas Utilization Project
Closed Glenridge Quarry Landfill Site
City of St. Catharines

PWA 49-2005

That Report PWA 49-2005, March 29, 2005, respecting the Landfill Gas Utilization Project, Closed Glenridge Quarry Landfill Site in the City St. Catharines, be received.

That a Contract of Differences between Glenridge Gas Utilization Inc. and the Regional Municipality of Niagara which amends the June 17, 2004 agreement relative to the Landfill Gas Utilization Project at the closed Glenridge Quarry Landfill Site in the City of St. Catharines be accepted; and

That the Clerk be directed to ensure that the appropriate by-law is prepared for submission to Council on April 7, 2005 authorizing the Chair and Clerk to execute said contract on behalf of the Regional Municipality of Niagara.

137. Proposed Amendments to Elm Street Landfill
Site/Composting Facility
Public Liaison Committee Terms of Reference

PWA 50-2005

That Report PWA 50-2005, March 29, 2005, respecting the Proposed Amendments to Elm Street Landfill Site/Composting Facility, Public Liaison Committee Terms of Reference, be received.

That Council approve the proposed amendments to the Elm Street Landfill Site/Compost Facility Public Liaison Committee Terms of Reference, as outlined in this report.

138. Niagara's Water Treatment Plant
2004 Summary Reports

PWA 51-2005

That Report PWA 51-2005, March 29, 2005, respecting Niagara's Water Treatment Plant 2004 Summary Reports, be received.

That the 2004 Summary Reports for Niagara's six water treatment plants be received in accordance with Schedule 22 of Ontario Regulation 170/03, Safe Drinking Water Act.

That the Regional Clerk be directed to ensure that the appropriate resolutions are prepared for submission to Regional Council, including authorizing the Regional Chair and Regional Clerk to confirm that the 2004 Summary Reports have been presented and approved by Council.

139. Request for Capital Budget Allocation Bylaw
And Financing Approval for Projects in
2005 Wastewater Capital Program
PWA 52-2005 (CSD 47-2005)

That Report PWA 52-2005 (CSD 47-2005), March 29, 2005, respecting Request for Capital Budget Allocation Bylaw and Financing Approval for Projects in 2005 Wastewater Capital Program, be received.

That the following recommendations be presented to standing committees Public Works and Utilities Committee and Corporate and Financial Services Committee for discussion purposes and forwarded to Regional Council for decision:

That financing be approved for the 2005 Wastewater Capital Program for \$22,900,000 gross and \$16,317,000 net amounts and allocated to the projects as summarized in Appendix A.

That approval be given to fund the projects with financing of Wastewater Capital Reserve Fund for \$450,000, Development Charge Reserve Fund for \$250,000, Long Term Financing (1-10 years) for \$15,617,000, External Financing (City of Niagara Falls) for \$5,000,000 and Millennium Partnership Initiative for \$1,583,000.

That the Regional Clerk/Associate Director of Corporate Strategy be directed to ensure that the appropriate by-law(s) are prepared for presentation to Regional Council.

140. Request for Capital Budget Allocation Bylaw and
Financing Approval for Projects in the
2005 Water Capital Program
PWA 53-2005 (CSD 48-2005)

That Report PWA 53-2005 (CSD 48-2005), March 29, 2005, respecting the Request for Capital Budget Allocation Bylaw and Financing Approval for Projects in the 2005 Water Capital Program, be received.

That the following recommendations be presented to standing committees Public Works and Utilities Committee and Corporate and Financial Services Committee for discussion purposes and forwarded to Regional Council for decision:

That financing be approved for the 2005 Water Capital Program for \$12,050,000 gross and \$11,050,000 net amounts and allocated to the projects as summarized in Appendix A.

That approval be given to fund the projects with financing of Water Capital Reserve Fund for \$1,000,000, Development Charge Reserve Fund for \$825,000, Long Term Financing (1-10 years) for \$9,225,000 and External Financing (Niagara Falls Bridge Commission) for \$1,000,000.

That the Regional Clerk/Associate Director of Corporate Strategy be directed to ensure that the appropriate by-law(s) are prepared for presentation to Regional Council.

(Please note that Report PWA 53-2005 (CSD 48-2005) can be found behind the JNT RPTS Blue Book Tab)

141. Resource Membership in the
Southern Ontario Gateway Council
PWA 54-20005 (DPD 49-2005)

That Report PWA 54-2005 (DPD 49-2005), March 29, 2005, respecting the Resource Membership in the Southern Ontario Gateway Council, be received.

That the following recommendations be presented to standing committees Public Works and Utilities Committee and Planning Services Committee for discussion purposes and forwarded to Regional Council for decision:

That Regional Niagara becomes a Resource Member of the Southern Ontario Gateway Council and that one staff member be authorized to provide appropriate input to that group.

That the organizers of the Southern Ontario Gateway be informed of Regional Council's decision.

That a copy of this report be forwarded to each local municipality for information.

(Please note that Report PWA 54-2005 (DPD 49-2005) can be found behind the JNT RPTS Blue Book Tab)

142 Tender Award for Contract RN 05-05
Rehabilitation of Regional Road 98 (Montrose Road)
Stage 2B – Preakness Street to
Regional Road 57 (Thorold Stone Road)
City of Niagara Falls
PWA 55-2005 (CSD 52-2005)

That the flowing recommendations be presented to standing committees Public Works and Utilities Committee and Corporate and Financial Services Committee for discussion purposes and forwarded to Regional Council for decision:

That Contract RN 05-05, Rehabilitation of Regional Road 98 (Montrose Road) Stage 2B – Preakness Street to Regional Road 57 (Thorold Stone Road), in the

City of Niagara Falls be awarded to the low tenderer Alfidome Construction Limited at its bid price in the amount of \$1,814,542.50, (excluding GST), subject to confirmation of cost sharing by the City of Niagara Falls;

That a contingency allowance in the amount of \$185,000.00 be provided for this contract;

That the Engineering agreement with the consulting firm of Earth Tech Canada Inc. be extended to include contract administration and inspection services of \$130,000.00 with the engineering fees being calculated on a time plus disbursements basis;

That approval be given to increase the gross budget in the amount of \$155,000 to reflect increased cost sharing with the City of Niagara Falls for \$120,000 and with Ontario Lottery and Gaming Corporation for \$35,000.

That the Regional Clerk be directed to ensure that the necessary by-laws, including the by-law authorizing the Regional Chair and Regional Clerk to execute the contract on behalf of the Regional Municipality of Niagara, are presented to Regional council on April 7, 2005;

That all project costs be charged against Capital Works Parent Project ZRC9817/RC0446.

(Please note that Report PWA 55-2005 (CSD 52-2005) can be found behind the JNT RPTS Blue Book Tab)

143. Agreement Merritton Mills Redevelopment Corp.
Disposal of Soil Material from the former Domtar Property
PWA 56-2005

That Report PWA 56-2005, March 29, 2005, respecting Agreement Merritton Mills Redevelopment Corp. Disposal of Soil Material from the former Domtar Property, be received.

That the Clerk be directed to ensure that the appropriate by-law is prepared for submission to Council on April 7th, 2005 authorizing the Chair and Clerk to execute said contract on behalf of the Regional Municipality of Niagara.

144. Moved by Councillor Leavens
Seconded by Councillor Redekop

That the PWA Summary and Addendum, dated March 29, 2005, and the foregoing recommendations of Reports PWA 48-2005 to PWA 56-2005, be received and accepted.

Carried.

CORRESPONDENCE

145. Communications listed in Report PWC Summary and Addendum, dated March 29, 2005, were received and dealt with as follows:

PWC 09-2005 – (February 22, 2005) – **Geoff Stephenson**, Municipal Law Enforcement Officer, Town of Fort Erie, to Silvio Mucciarelli, Associate Director, Waste Disposal, expressing appreciation for assistance in the clean up of 85 Waterloo Street through the waiving of dumping fees.

-- Received.

PWC 10-20-05 – (January 6, 2005) – **Joe Cousins**, Director of Transportation Services, to Paul Mustard, City Engineer, City of St. Catharines, on the Region's financial participation in the proposed study of the *Downtown Street System Conversion*.

-- Received.

PWC 11-2005 – (March 17, 1005) – **Chado Brcic**, Director of Water & Wastewater Services, providing additional background information to deferred staff report PWA 44-2005, Ammonia supernatant Centrate management and Application for Green Municipal Funds Project.

-- Received.

PWC 12-2005 – **Ministry of Transportation – Notice of Public Information Centres – Niagara to GTA** – outlines public information centres to provide public with opportunities to meet Project Team and review issues related to EA Terms of Reference.

-- Received.

PWC 13-2005 – (March 7, 2005) – **Janet Beckett**, Clerk, City of Port Colborne, to Regional Clerk, attaching a City Council resolution requesting the Region to assume portions of roadways (Killaly Street West, Mellanby avenue and Welland Street).

-- Received and referred to Transportation Services.

PWC 14-2005 – (March 17, 1005) – **Chado Brcic**, Director of Water & Wastewater Services, providing additional background information to staff report PWA 42-2005 with respect to Emergency Equipment Replacement at Wastewater Facilities.

Moved by Councillor Redekop
Seconded by Councillor Burroughs

That PWC 14-2005 be lifted and dealt with separately by this Committee at this time.

Carried.

Moved by Councillor Redekop
Seconded by Councillor Burroughs

That PWC 14-2005 be referred to staff to review criteria and brought forward with Report PWA 42-2005 at the next Public Works & Utilities Committee meeting on April 19, 2005.

Carried.

(Refer to staff direction on page 68.)

PWC 15-2005 – (March 16, 2005) – **Chado Brcic**, Director of Water & Wastewater Services, providing additional information on budget estimates with respect to PWA 30-2005 (Development of Water & Wastewater Database Model and Application Integration Pre-selection of Qualified Consultants); and PWA 31-2005 (Retention of Consulting Services for Analysis of Flow Projection and Capacity Upgrades of the Niagara Falls Wastewater Treatment Plant).

-- Received.

PWC 16-2005 – (March 18, 2005) – **Kris Jacobson**, Manager of Transportation Services, City of St. Catharines, to Joe Cousins, Niagara's Director of Transportation Services, being notification of City Council's approval to retain two consulting firms to undertake the Downtown Street System Conversion Class Environmental Assessment.

-- Received.

PWC 17-2005 – (March 23, 2005) – **Joe Cousins**, Director of Transportation Services, to the Township of West Lincoln, being a response to the Township's letter of March 16th on concerns expressed related to Inter-Municipal Specialized Transit System.

-- Received.

146. Moved by Councillor Redekop
Seconded by Councillor Brock

That the contents of the PWC Summary and Addendum, March 29, 2005, be received and dealt with as directed by this Committee and as noted in these minutes.

Carried.

PROGRESS REPORTS

147. Construction Progress Report
Water & Wastewater Services Division Projects

Moved by Councillor Brock
Seconded by Councillor Harry

That Report PWP 20-2005, March 29, 2005, respecting the Construction Progress Report, Water & Wastewater Services Division Projects, be received for information.

Carried.

148. Water and Sewage Quantities by
Municipalities Report for the Fourth Quarter 2004

Moved by Councillor Brock
Seconded by Councillor Harry

That Report PWP 21-2005, March 29, 2005, respecting the Water and Sewage Quantities by Municipalities Report for the Fourth Quarter 2004, be received for information.

Carried.

149. Water and Wastewater Systems
Terms of Reference for Review

Moved by Councillor Redekop
Seconded by Councillor Harry

That Report PWP 22-2005, March 29, 2005, respecting Water and Wastewater Systems – Terms of Reference for Review, be received for information; and

That a copy of Report PWP 22-2005 be circulated to Area Municipalities: and

That an Area Treasurers Meeting be held to review comments in this report and for discussion of Terms of Reference for External Review; and

That a further report providing clarification be presented to Committee.

Carried.

MINUTES

150. Regional Niagara Bicycling Committee
Thursday, February 10, 2005

Moved by Councillor Brock
Seconded by Councillor Leavens

That the minutes of the Regional Niagara Bicycling Committee meeting of Thursday, February 10, 2005, be received and the recommendations therein referred back to staff for comment.

Carried.

151. Elm Street Landfill Site/Compost Site
Public Liaison Committee (PLC)
Wednesday, January 19, 2005

Moved by Councillor Goulbourne
Seconded by Councillor Harry

That the minutes of the Elm Street Landfill Site/Compost Site Public Liaison Committee (PLC) meeting of Wednesday, January 19, 2005, be received.

Carried.

152. Elm Street Landfill Site/Compost Site
Public Liaison Committee (PLC)
Wednesday, February 2, 2005

Moved by Councillor Bodner
Seconded by Councillor Goulbourne

That the minutes of the Elm Street Landfill Site/Compost Site Public Liaison Committee (PLC) meeting of Wednesday, February 2, 2005, be received.

Carried.

153. Transportation Strategy Steering Committee
Tuesday, March 8, 2005

Moved by Councillor Harry
Seconded by Councillor Bodner

That the minutes of the Transportation Strategy Steering Committee meeting of Tuesday, March 8, 2005, be received and the recommendations therein approved

Carried.

154. Smarter Niagara Steering Committee
Wednesday, March 9, 2005

Moved by Councillor Leavens
Seconded by Councillor Hodgson

That the minutes of the Smarter Niagara Steering Committee meeting of Wednesday, March 9, 2005, be received.

Carried.

(Please note that the March 9, 2005 Smarter Niagara Steering Committee minutes can be found within the Planning Services Committee attachments)

OTHER BUSINESS

155. Ridgeway – Construction of Culvert

Councillor Redekop inquired as to the tendering process for construction of a Ridgeway culvert. Mr. Cousins commented that each project is examined and assessed individually and a determination on whether to do the project in-house or to go to Tender is made depending on the size and complexity of the project.

156. Dominion Road – Ridgway

Councillor Redekop inquired as to when the resurfacing will be done on Dominion Road between Burleigh and Ridge Roads. Mr. Cousins advised that resurfacing was deferred pending the construction of new homes in that area. Phase I of Resurfacing projects is being reviewed and that this area will be looked into.

157. Replace Regional Signs

Councillor Goulbourne inquired as to how much longer it will take to complete the Replacement of Municipal Boundary Signs Program. Mr. Cousins advised that completion of replacement signs is 80-90% done. Replacement of signs on local roads is the responsibility of the municipality.

158. Report on Update of Capital Dollars to Area Municipalities

Committee was advised that a report will be available in late April/early May providing an update of how Capital Dollars have been allocated to area municipalities over the years.

159. Pelham Road (Regional Road 69)

Councillor Rigby commented that there have been complaints from the new homes built on Pelham Road (R.R. 69) with respect to potholes caused by heavy truck traffic and residents have asked for installation of a 4 way stop. While they have been told that warrants don't allow for that, he asked that staff re-examine this matter.

Moved by Councillor Redekop
Seconded by Councillor Brock

That staff prepare a report on the matter of the 4 way stop on Pelham Road (Regional Road 69).

Carried.

STAFF DIRECTIONS

Staff was directed to:

- (i) Prepare a report on costs for collection of leachate and transportation to treatment facilities. Examine other environmentally friendly alternatives to leachate processing. (Refer to minute 134.)
- (ii) Provide balance of Water and Wastewater Capital Improvement Reserves that could be utilized for equipment purposes. (Refer to minute 145.)

ADJOURNMENT

The Committee adjourned at 2:45 p.m., to meet again in Committee Room 4, April 19, 2005 at 1:30 p.m.

Tim Rigby
Chair

Gail Reilly
Legislative Assistant

Pam Gilroy
Regional Clerk/Associate Director
of Corporate Strategy