



## PUBLIC WORKS COMMITTEE

### REPORT

Held Wednesday, November 18, 2015 at 8:30 a.m.  
In the Classroom, Town Hall

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#### PRESENT:

B. Stockwell	Councillor/Chair
N. Bifulchi	Deputy Mayor/Co-Chair
S. Bray	Councillor
R. Ego	Councillor
B. Smith	Mayor
G. Vadeboncoeur	Chief Administrative Officer/Deputy Clerk
K. Lalonde	Director of Public Works
M. Pincivero	Manager of Engineering Services
M. Quinlan	Treasurer
S. Chapman	Recording Secretary

#### ABSENT:

#### 1. CALL TO ORDER

Councillor Stockwell called the meeting to order at 8:30 a.m.

#### 2. DISCLOSURE OF PECUNIARY INTEREST

Councillor Stockwell declared no disclosure of pecuniary interest.

#### 3. DEPUTATIONS, PETITIONS, PRESENTATIONS AND PUBLIC MEETINGS

- a) **Mr. Richard Sorge, Ontario Clean Water Agency, in attendance to present the Town of Wasaga Beach Water Pollution Control Plant – Report on XLR 8 Pilot Study of 2015.**

Committee welcomed Mr. Sorge and Mr. Eagle to the meeting. Mr. Sorge spoke to the 2015 Report on the XLR 8 – Pilot Study conducted at the Wasaga Beach Sewage Treatment Plant. He briefly explained that XLR 8 is a bio-energized industrial waste degrader that is designed to significantly improve commercial, institutional, industrial and municipal waste system efficiency using nature's own biodegraders, noting it is non-corrosive, non-pathogenic and stable. He explained the background to the Pilot Study originating in April 2014, when Ainley Group was retained by the Town of Wasaga Beach to complete an odour study at the Water Pollution Control Plant, and the nearby sewage pump stations, due to various odour complaints received by residents. Mr. Sorge stated the results of the preliminary testing, conducted in October 2013 led to a one year Pilot Study. Results showed noticeable reduced odours, reduced foam growth on the aerobic digesters, lower foam growth improving the quality of the supernatant, and no problems were encountered with the supernatant pump, as had been the case previously with foam and the operation of the pump and floats.

He stated the purpose of this pilot study using XLR 8 was to demonstrate odour control and to benefit in reduction in foam growth, improve treatment efficiency (supernatant quality) and reduce sludge inventory. He then displayed pictures of the conditions of the Aerobic Digesters, prior to them dosing it with XLR 8, indicating very poor quality of supernatant, prior to start of study, and offensive odours were observed at start of the aerobic blower after the wasting/decanting period. Mr. Sorge indicated that the Pilot Study commenced on June 22, 2015 and explained how the application of the XLR 8 is handled, by pre-mixing it using lukewarm water up to 4 hours prior to using. He stated approximately 21 lbs. is utilized per week on Mondays, Wednesdays and Fridays. He stated it is applied to the waste activated sludge entering Stage 2, which is the smaller digester. He noted that by brewing the XLR 8 for 3-4 hours, it creates each bacteria culture to multiply to more than 500 bacteria cultures. He indicated that it was noticed that after two doses, it reduced the foam significantly. He suggested that XLR 8 not be used during the winter months, as there is not much action or benefit from it. He stated they found no odour complaints were reported from residents, to the Ministry of the Environment Office, the Town of Wasaga Beach Public Works Office nor the Ontario Clean Water Agency, during the period of this pilot project. Mr. Sorge then outlined Digester Operation Benefits, as well as, the unanticipated process operational benefits while using XLR 8. He mentioned a special note he wanted to make was that the digester and storage blowers were turned on when supernating was completed and, regardless of the wind direction, no complaints were received from residents. He stated it is unclear at this time whether some or all of the unanticipated process operational benefits can be attributed to this pilot study, however, if we proceed with this study, we will know later if these benefits were a result of using XLR 8. He further indicated that the volume of supernatant removed from the aerobic digesters and sludge storage tanks containing highly diverse strains of bacterial/enzymatic activity certainly did not have a negative effect on the activated sludge process. Mr. Sorge briefly outlined the Sludge Haulage conducted between 2010 and 2015 and the estimate of cost savings of \$9,050.00 in 2015, utilizing the XLR 8 product. He stated it is recommended that we continue with this pilot in April 2016, when warmer temperatures occur, and end on June 22, 2016, which is one year from the startup date. He suggested in order to move forward using XLR 8 past June 22<sup>nd</sup>, 2016, the Town of Wasaga Beach may make modifications to the Works in accordance with the Terms and Conditions of the above approval and subject to the Ministry's "Limited Operational Flexibility (LOF)" criteria for modifications to the sewage works. He stated the Town would not need MOE Approvals to sign off on proposed work, so long as they meet the specified criteria, and the ECA does not have to be opened to do the work. He stated operational changes to the works can be made as long as they meet the guidelines and have been signed off by a Professional Engineer, confirming that they meet the terms of reference of sewage works. Councillor Ego inquired with the sludge being used on farmer's fields, after using XLR 8, whether there is any effect on the vegetation that they are aware of? Mr. Sorge stated testing of the sludge has been conducted through the study, and there has been no difference with it prior or during the pilot study, and feels the nutrient is still there and should not be any different. The CAO questioned if the two delegates that previously attended the Public Works Committee meeting regarding odour issues were contacted, with respect to their concerns and/or comments on this Pilot Study? Mr. Lalonde stated he did notify these individuals with respect to the presentation being held today, but stated he will follow up with them again, as the Study will continue for the remainder of the prescribed period and likely beyond. Mr. Sorge and Mr. Eagle were thanked for their presentation.

It was then;

MOVED BY N. BIFOLCHI  
SECONDED BY S. BRAY

RESOLUTION NO. 2015-11-01

RESOLVED THAT the Public Works Committee does hereby receive the Town of Wasaga Beach Water Pollution Control Plant Report for 2015 on XLR 8 Pilot Study, for information.

CARRIED

**b) Mr. Mike Ainley, Ainley Group, in attendance to present the Wasaga Beach Wastewater System Sewer Model Report.**

Committee welcomed Mr. Mike Ainley and Mr. Simon Glass to the meeting. Mr. Glass stated he conducted an analysis, study and report of the sewer infrastructure needs through a computer modeling exercise of the urban area, pointing out that four model scenarios were developed and analyzed over the course of the study, including average day (2014), peak day (2014), average day (ultimate) and peak day (ultimate). He noted under all model scenarios the calculation error was less than 5%, which is considered to be a very accurate simulation. He stated current day scenarios were developed and compared to the exiting flow data, under the existing conditions, and there were no capacity issues within the Town with average day or peak day flows. He further mentioned that the sewersheds, of Sewage pump stations 1, 2 and 7, indicated disproportionately high flow contribution per household and may be good candidates for an inflow and infiltration study.

Mr. Glass stated the Town's Depleting Capacity Ledger and the Active Developments Map were used to populate the model with anticipated future housing units. He pointed out there are no capacity issues during the ultimate average day scenario; however, two capacity issues were identified during the ultimate peak day scenario. He then spoke to the first capacity issue identified at SPS 10; noting the station does not have sufficient capacity to operate effectively should the Beach Area 1 Development be completed. He stated the second capacity issue identified is the trunk sewer on River Road West, east of Zoo Park Road; and noted that the large flow contribution from the New England Village development will cause flooding at the base of the hill on River Road West without modifications to the system. He then identified the two alternative resolutions to these capacity issues. The CAO questioned if the capacity issue with the sewage that is going up through the manholes, in the Beach Drive area, is a result of SPS 10 being too small? Mr. Glass stated the existing SPS 10 is to accommodate seasonal businesses in the Beach Drive area and not new development. Mr. Lalonde stated New England Village Development is well aware that when they exceed 355 units, they need to complete offsite infrastructure works and extend the sewage forcemain to proceed further with their development. He indicated this is the Developer's responsibility and has been accounted for in their Subdivision Agreement and approved designs. Councillor Bray questioned if the industrial area was taken into account when this computer modeling exercise was done? Mr. Lalonde stated the Ramblewood Business Park area was included. Mr. Ainley and Mr. Glass were thanked for their presentation.

It was then;

MOVED BY R. EGO

SECONDED BY N. BIFOLCHI

RESOLUTION NO. 2015-11-02

RESOLVED THAT the Public Works Committee does hereby receive the Wasaga Beach Wastewater System Sewer Model Report, for information.

CARRIED

**c) Mr. Michael Cullip, C.C. Tatham & Associates, in attendance to present the Detail Design of the Main Street Bridge Rehabilitation Project.**

Committee welcomed Mr. Michael Cullip and Ms. Emma Wilkinson to the meeting. Ms. Wilkinson outlined the study area of the Main Street Bridge to 6<sup>th</sup> Street and presented the overview of the existing conditions of the Main Street Bridge. She outlined the roadside safety system, observations and deficiencies. Ms. Wilkinson then outlined the proposed rehabilitation work at the bridge to include concrete patching of the concrete deck, abutments and wingwall, refacing and widening the sidewalk to 1.8 metres, replacing the barriers to meet current crash standards, removing the expansion joints and converting the bridge to semi-integral abutments, and installing new deck drains. She stated the structural steel will be repainted and the bearings replaced. New street lights will be installed to meet the new Town standard and navigation lighting will be installed similar to those at the Schoonertown Bridge.

Ms. Wilkinson stated the main issue at the bridge was with construction staging. She stated the work is proposed to be completed within a single construction season in two stages; (April-June) will involve a short term reduction to a single lane and will be controlled with portable temporary traffic signals. She stated during the busy summer months (July-Sept) the bridge will have two lanes of traffic open (1 in each direction) and temporary lane closures will be restricted to night work.

Mr. Cullip stated in conjunction with the Town of Wasaga Beach Active Transportation Study, the existing pavement width will remain unchanged, however the line painting will be modified to accommodate one lane in each direction, with a shared centre turning lane. He stated bicycle lanes of 1.5 metres in width will be implemented, on the bridge, and extended to 2<sup>nd</sup> Street. He further mentioned that from 3<sup>rd</sup> Street to 6<sup>th</sup> Street, the existing paved shoulder will be converted to a bicycle route, along with appropriate signage. Mr. Cullip then outlined the cost estimate to repair the existing structure and extend the service life by thirty (30) years at \$4.2M in 2014. He recommended that a budget of \$4.9M be considered in the Town's 2017 capital budget program.

Mayor Smith questioned if there has been any consideration in widening the Main Street Bridge? Ms. Wilkinson stated there was no mention of extending it to include more girders, etc. Mayor Smith then spoke to the intersection at Main Street, River Road East and River Avenue Crescent. He stated this intersection is wide and many pedestrians cross in this area and he feels that a traffic signal should be considered. Mr. Lalonde stated the speed limit was decreased in this area just recently, and following further investigation, it was found that a traffic light was not warranted. Mr. Cullip suggested that with reducing the lanes from four to three lanes, creating a centre turn lane, and the reduced speed limit, it will help with safety concerns at this intersection.

Mr. Cullip stated placing a traffic signal, where it is not warranted, sets a precedence. Mr. Cullip and Ms. Wilkinson were then thanked by Committee for their presentation. It was then;

MOVED BY R. EGO

SECONDED BY S. BRAY

RESOLUTION NO. 2015-11-03

RESOLVED THAT the Public Works Committee does hereby receive the Main Street Bridge Rehabilitation Design Update Report, for information.

CARRIED

#### 4. UNFINISHED BUSINESS

##### a) Transit Service – Report on Route 3 Extension to Hometown – *PW-July 22, 2015.*

Mr. Lalonde informed Committee that both himself and Mr. Latimer met with a Representative of Parkbridge, as well as a homeowner from the Country Meadows Community, regarding their request to extend the Route 3 Bus Service. He stated they discussed considerable costs involved in establishing this route request, as well as the reasons why schedule times were not appropriate when the service was conducted two years ago. He suggested to them to go back to the residents and further discuss what specific model will work for them. At that time, a deputation may be necessary, as there is no consideration for service level enhancements in the proposed 2016 Draft Budget.

##### b) Transit Service – Report on Route 2 One (1) Hour Extension of Service Results of Trial Period – *PW-October 14, 2015.*

Councillor Stockwell read the motion. Councillor Bray inquired if the individuals currently utilizing the Transit Service, during this time, have been contacted to find out how this will impact them, if they are utilizing the bus to connect to the LINK bus? Mr. Lalonde stated there were over 300 signatures that signed the petition requesting route 2 to be extended. However, following the results from the six (6) month trial period, extending Route 2 operating hours until 10:00 p.m., based on the numbers, it was apparent that the ridership did not meet the anticipated numbers as per the signed petition. Mr. Lalonde stated that he is recommending that the service end on December 12<sup>th</sup>, 2015, which will allow sufficient notice to be given to the users and general public. He stated a “Notice” will be advertised in the local newspaper, and on the website, with respect to the extension of Route 2 from 9:00-10:00 p.m. being discontinued. Committee concurred. It was then;

MOVED BY R. EGO

SECONDED BY N. BIFOLCHI

RESOLUTION NO. 2015-11-04

RESOLVED THAT the Public Works Committee does hereby receive the results from the six (6) month trial period extending Route 2 operating hours until 10:00 p.m.;

AND FURTHER THAT the Public Works Committee does hereby recommend to Council that it end the subject trial period on Route 2 effective December 12, 2015 following public notification.

CARRIED

## 5. DEPARTMENTAL STAFF REPORTS

### Public Works

#### a) **Water Bill Appeal: 80 Mary St. – Sewer surcharges requested to be waived due to a leak.**

Mrs. Quinlan, Treasurer, spoke to the request for the sewer surcharge for 80 Mary Street to be waived, due to a leak. She stated the normal process to deal with such complaints and/or requests is to first review them with the Staff Water Committee, whose role is to correct and/or address any errors in billing and/or procedural oversights. However, in this instance, it was neither of these circumstances and therefore, it was forwarded directly to the Public Works Committee. She noted that the Treasury Department notifies the residents as much as possible, if greater amounts of water are used, along with a Notice “outlining leaks that cost you money and ways of checking for leaks”. She stated a “High Use Assistance” letter was sent out to this homeowner, as well, staff tried to contact him. The Treasurer pointed out that on June 11<sup>th</sup>, 2015, the property owner was provided with a “High Use Assistance” letter, but unfortunately the property owner was unable to address the situation until August, finding that a hose was left on. The Treasurer stated staff sympathizes with this unfortunate situation, however appropriate protocol must be followed to ensure that continued equitable treatment amongst ratepayers is practiced, and therefore, staff is recommending that the request for sewer surcharge for the property located at 80 Mary Street not be waived, in keeping with past practice. Councillor Ego asked if the Town is responsible for a leak that is on the Town’s property? The Treasurer agreed. It was then;

MOVED BY R. EGO

SECONDED BY S. BRAY

RESOLUTION NO. 2015-11-05

RESOLVED THAT the Public Works Committee recommends to Council that it **not waive** the Sewer Surcharge for the property located at 80 Mary Street in keeping with past practice.

CARRIED

#### b) **Knox Road East Local Improvement – Deadline Extension.**

Mr. Lalonde stated there are several properties that have yet to connect to the available services and, it is recommended that as part of our standard practice to achieve compliance, that a Director’s Order with a final deadline to connect be issued, allowing the extension until June 30<sup>th</sup>, 2016. He further noted that in addition to this, Staff is recommending that base charges be charged to the subject property owners effective November 1<sup>st</sup>, 2015, following past practice. The Treasurer then spoke to the two letters that have been received, requesting extensions. She advised Committee that to date, there are a total of twenty (20) property owners that have not yet connected. She stated by allowing the property owners this extension until June 30<sup>th</sup>, 2016, especially at this time of the year, is fair and reasonable. Mayor Smith inquired as to how much notice are the property owners given, when municipal servicing is extended? The Treasurer stated a letter is issued 12-13 months prior to the deadline date. Discussion then ensued as to why property owners have not hooked up. The Treasurer indicated reminder notices are sent out, but as to why other residents have not connected is unclear.

Mayor Smith asked if the reminder notices to connect, providing this extension, will be hand delivered? The Treasurer stated the letters will be sent registered mail, so there is a record of all notices that were sent out. Committee concurred. Councillor Bray mentioned she has noticed some property owners working on trying to connect their services, but are running up against time to get this work done prior to the winter season, and also the financial impact. Following discussion, it was then;

MOVED BY S. BRAY

SECONDED BY N. BIFOLCHI

RESOLUTION NO. 2015-11-06

RESOLVED THAT the Public Works Committee recommend to Council that it authorize the Director of Public Works to issue a Directors Order to the properties remaining under the Knox Rd East Local improvement project who have not yet connected to water/wastewater providing a deadline of June 30, 2016;

AND FURTHER THAT the residents begin to pay the base charges for water/wastewater beginning November 1, 2015 on a bi-monthly basis in keeping with past practice.

CARRIED

**c) Pincivero to provide Engineer's Report on Capital Works Project Status Report.**

Mr. Pincivero highlighted on the Construction Projects; pointing out that the final payment certificates have been issued for the following projects; Knox Road East Servicing, Beach Area 1 Concrete, and the River Road West and Powerline Road Traffic Signals. He mentioned under the Design Projects; the Bay Colony Phase 2 Area Servicing Tender, is currently advertised until November 27<sup>th</sup>, 2015 and recommendation for award of the Tender will come forward at the December 9<sup>th</sup>, 2015 Public Works Committee meeting. Mr. Pincivero noted under the Studies; West End Water Storage Facility and Maintenance Depot EA, he informed Committee that due to ongoing Geotechnical, Natural Sciences and Archaeological Studies, the Public Information Centre that was originally scheduled for November, has now been rescheduled for the spring of 2016. It was then;

MOVED BY R. EGO

SECONDED BY S. BRAY

RESOLUTION NO. 2015-11-07

RESOLVED THAT the Public Works Committee does hereby receive the November 2, 2015, Engineer's Report on Capital Works Projects, for information.

CARRIED

**d) Request for Proposal, Contract No. PW2015-20 – New Model Three Wheeled High Dump Street Sweeper.**

Councillor Stockwell read the motion.

It was then;

MOVED BY R. EGO  
SECONDED BY S. BRAY

RESOLUTION NO. 2015-11-08

RESOLVED THAT the Public Works Committee does hereby recommend to Council that the Equipment Contract, RFP# PW2015-20, for a new Three-Wheeled High Dump Street Sweeper be awarded to Joe Johnson Equipment Inc. in the amount of \$264,247.11 (including H.S.T.).

CARRIED

**e) Golf Course Road Area Servicing Contract No. 114164 Tender Award Recommendation.**

Councillor Stockwell read the motion. It was then;

MOVED BY R. EGO  
SECONDED BY N. BIFOLCHI

RESOLUTION NO. 2015-11-09

RESOLVED THAT the Public Works Committee does hereby recommend to Council that the Golf Course Road Area Servicing Works, Contract No. 114164, be awarded to B&J Contracting Limited in the amount of \$489,150.00, which excludes HST;

AND FURTHER THAT the Mayor and Clerk be authorized to execute the agreement for the works.

CARRIED

**f) DAS External Servicing – Lyons Court Temporary Road Closure.**

Mr. Lalonde advised Committee that the DAS Development's contractor and engineering consultant are requesting a full road closure on Lyons Court, south of the Mosley Street round-a-bout, for approximately two (2) weeks with respect to challenges they have come across with both the water and sanitary service stubs to the DAS Development site. He indicated as part of the service installation, the contractor was required to place concrete grout around the services to fill the voids between the casing and the service pipes. Following a video inspection of the services done, it was determined that a significant amount of grout was revealed in both the water and sanitary services to the DAS Development site. Therefore, he stated in order to safely remove and replace the damaged services, including the steel caissons, a full road closure on Lyons Court is required to facilitate an open excavation. He noted the depth of the services is approximately five (5) meters below the road grade and will require a significant excavation to conduct this repair. Mr. Lalonde stated the cost for this work is the responsibility of the Developer and is no cost to the Town. He stated traffic control signage will be required, re-routing of the Wasaga Beach Transit Service, and adjustments to Snow Plow Operations may need to be made during this time. This will be communicated accordingly. Mr. Lalonde stated once the repair has been done, temporary asphalt will be placed for the winter months, and in the spring the asphalt will be removed and repaved in the proper conditions.

Councillor Stockwell read the motion. It was then;

MOVED BY N. BIFOLCHI  
SECONDED BY S. BRAY

RESOLUTION NO. 2015-11-10

RESOLVED THAT the Public Works Committee does hereby receive the DAS External Servicing – Lyons Court Temporary Road Closure report for information.

CARRIED

Mr. Pincivero stated although the Contractor anticipates obtaining permission to conduct this repair, the Town of Wasaga Beach will wait until a permit is issued by the Ministry of Transportation for this work, before road closure is granted. Committee concurred.

**g) Public Works Accounts – October 2015.**

Councillor Stockwell read the motion. It was then;

MOVED BY S. BRAY  
SECONDED BY R. EGO

RESOLUTION NO. 2015-11-11

RESOLVED THAT the October 2015 Accounts, as reviewed by the Public Works Committee, are hereby confirmed.

CARRIED

**6. OTHER AGENCY REPORTS**

**Transit**

**a) Wasaga Beach Transit Report – October 2015 and Monthly Ridership Statistics.**

Councillor Stockwell read the motion. It was then;

MOVED BY R. EGO  
SECONDED BY S. BRAY

RESOLUTION NO. 2015-11-12

RESOLVED THAT the Public Works Committee does hereby receive the Wasaga Beach Transit Report for October 2015, for information.

CARRIED

**b) Wasaga Beach-Collingwood Link Ridership – October 2015 Statistics.**

Councillor Stockwell read the motion. It was then;

MOVED BY R. EGO

SECONDED BY N. BIFOLCHI

RESOLUTION NO. 2015-11-13

RESOLVED THAT the Public Works Committee does hereby receive the Wasaga Beach-Collingwood Link Ridership Statistics for October 2015, for information.

CARRIED

Mr. Ego thanked Mr. Lalonde, Public Works Staff and Deputy Mayor Bifolchi, on behalf of the residents of Eastdale Drive, with respect to the Eastdale Drive Guiderail project bringing this forward as a safety issue and for getting this work done.

The CAO mentioned that at the last Committee of the Whole meeting, during discussion on the 4-10 Year Budget Forecast, Councillor Stockwell asked if a briefing can be provided on the River Road West Urbanization Project, such as the history, costs, background information and the rationale for widening, prior to the next Budget Committee meeting. Discussion then ensued as to whether this information could be provided for next week's Special Committee of the Whole meeting on November 23<sup>rd</sup>, or if it could wait until the next Public Works Committee meeting. Mayor Smith suggested the information come forward sooner than later, in order that it does not affect pushing the Budget Process later. Mr. Lalonde stated he can compile this information, from previous studies and the documentation on file from the Environmental Assessment Report for this corridor.

**7. DATE OF NEXT MEETING**

Wednesday, December 9, 2015 at 8:30 a.m. in the Classroom.

**8. ADJOURNMENT**

Councillor Stockwell adjourned the meeting at 9:52 a.m.