

**1. 2011 WASTEWATER ANNUAL COMPLIANCE REPORT**

**RAPPORT ANNUEL 2011 SUR LA CONFORMITÉ DU SERVICE DES EAUX  
USÉES**

**COMMITTEE RECOMMENDATION**

**That Council receive this report for information.**

**RECOMMANDATIONS DU COMITÉ**

**Que le Conseil prenne connaissance du présent rapport.**

**DOCUMENTATION / DOCUMENTATION**

1. Deputy City Manager, City Operations report dated 11 June 2012  
(ACS2012 COS-ESD-0011);  
Date du rapport le 11 juin 2012 du Directeur municipal adjoint, Opérations  
municipales (ACS2012 COS-ESD-0011)
2. Extract of Draft Committee Minutes 19 June 2012  
Extrait de l'ébauche du procès-verbal du 19 juin 2012

Report to/Rapport au :

Environment Committee  
Comité de l'environnement

June 11, 2012  
11 juin 2012

Submitted by/Soumis par :  
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City Operations / Opérations municipales

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CITY WIDE / À L'ÉCHELLE DE LA VILLE

Ref N°: ACS2012-COS-ESD-0011

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**SUBJECT: 2011 WASTEWATER ANNUAL COMPLIANCE REPORT**

**OBJET : RAPPORT ANNUEL 2011 SUR LA CONFORMITÉ DU SERVICE DES  
EAUX USÉES**

**REPORT RECOMMENDATION**

**That the Environment Committee receive this report for information.**

**RECOMMANDATION DU RAPPORT**

**Que le Comité de l'environnement prenne connaissance du présent rapport.**

**BACKGROUND**

This report provides a summary of the 2011 regulatory compliance undertakings of the various operating groups that are responsible for the delivery of the wastewater services, and it demonstrates that the Wastewater Services Branch was in full compliance with environmental legislation for the year 2011.

The Wastewater Services Branch must adhere to complex and extensive Provincial and Federal environmental regulations in the administration of its various operations. The Branch evaluates annually how well it meets these regulatory requirements. Two reports were used to evaluate the Wastewater Services environmental compliance: a third-party Regulatory Compliance Report, submitted by Stantec Consulting Inc., attached as Document 1, and the Ministry of the Environment (MOE) Communal Sewage Inspection Report, attached as Document 2.

## DISCUSSION

### **MOE Communal Sewage Inspection Report**

The MOE carries an inspection of the Robert O. Pickard and its collection system on an annual basis. The inspection includes a review of operating data and a visit. The objective of the inspection is to perform a detailed assessment of compliance with the terms and conditions of the numerous applicable Environmental Compliance Approvals (formerly called Certificates of Approvals) and conformance with MOE policies and procedures.

The effluent quality is reviewed and compared with quality objectives and limits. The capacity of the plant is also assessed and compared with incoming flows. The collection system overflows and by-passes are reviewed and evaluated. The MOE Inspection Report:

- 1) Reviews the previous non-compliance issues. There were none.
- 2) Provides a summary of the inspection findings. There were no negative findings.
- 3) Dictates corrective actions required. There were none.
- 4) Provides other inspection findings. There were none.

The MOE Inspection Report confirms that the plant and the collection systems operate in compliance with regulations and in conformance with MOE policies and procedures.

### **Regulatory Compliance Report (Third-party Review)**

The Regulatory Compliance Report provides a summary of the 2011 regulatory compliance undertakings of the various operating groups that are responsible for the delivery of wastewater services. The report reviews documentation of yearly activities and confirms status with respect to compliance with legislative requirements. The report is divided into nine unique sections that represent the services under the authority of Wastewater Services and states the following:

- 1) Robert O. Pickard Environmental Centre (ROPEC)
  - a. ROPEC meets its compliance limits and objectives per the Environmental Compliance Approval.
  - b. ROPEC has Air and Noise Environmental Compliance Approvals.
  - c. There were no raw sewage by-passes at the plant in 2011, for the thirteenth consecutive year.
  - d. ROPEC experienced nine (9) gas venting events (spills). Causes were identified and all were appropriately reported to regulatory bodies.
  - e. ROPEC received nine (9) odour complaints in 2011. The cause was identified, and odour control process filters were refurbished.
  - f. All operators received the legislated training.
  
- 2) Biosolids Management
  - a. The biosolids meet the permissible metal concentrations for land application.
  - b. 49,706 wet tonnes of biosolids were produced, of which 33,548 wet tonnes were land applied.
  - c. 90 inquiries about the biosolids program were received by the City.
  - d. The biosolids program is operated in conformance with regulations and best practices.
  
- 3) Wastewater Collection (Sanitary and Combined Sewers)
  - a. The Collection system is operated and maintained in compliance with regulations.
  - b. 364 km of sewers were cleaned in 2011.
  - c. The system experienced three (3) sanitary sewage spills, for a total of 1,903 m<sup>3</sup>.
  - d. The total volume of Combined Sewer Overflow is 545,000 m<sup>3</sup>, and the control period volume (April 15 to November 15) is 230,000 m<sup>3</sup>.
  - e. 99.7% of the sewage collected was treated to full secondary treatment, during the control period.
  - f. All operators received the legislated training.
  
- 4) Stormwater Collection (Stormwater Sewers)
  - a. 25 km of stormwater pipes were cleaned in 2011.
  
- 5) Lees Avenue Stormwater Pumping and Leachate Treatment Plant
  - a. The Lees Avenue treatment system is operated in compliance with the Sewer Use By-law.
  - b. The Lees Avenue treatment system is operated within the MOE compliance limits.

- 6) First Response
  - a. The First Response group works very closely with the City Call Centre to respond to customer calls.
  
- 7) Sewer Use By-law Enforcement
  - a. 4,180 Sewer Use Industry Monitoring activities were performed.
  - b. 172 Compliance Measures were carried out.
  - c. 580 Enforcement Responses were completed.
  
- 8) Pollution Prevention Plan
  - a. The City has a Pollution Prevention Plan, as required by regulation.
  - b. The City is monitoring and reporting, as required, on each component of this plan.
  
- 9) National Pollutant Release Inventory (NPRI)
  - a. ROPEC is reporting, as required by regulation, on the release and transfer of substances of concern to the Federal Government.

In summary, the third-party Regulatory Compliance Report and the MOE Communal Sewage Inspection Report indicate that Wastewater Services delivered its mandate in 2011 in compliance with all applicable environmental legislative requirements as well as conformance with current MOE guidelines and policy.

#### RURAL IMPLICATIONS

Our Biosolids Land Application program, which involves the application of biosolids on farm lands, meets or exceeds all provincial and federal regulations.

#### CONSULTATION

No public consultation was undertaken in the writing of this report.

#### COMMENTS BY THE WARD COUNCILLOR(S)

This is a City-wide report.

#### LEGAL IMPLICATIONS

There are no legal impediments to receiving this report.

### RISK MANAGEMENT IMPLICATIONS

There are no risk implications resulting from this information report.

### FINANCIAL IMPLICATIONS

There are no financial implications resulting from this information report.

### ACCESSIBILITY IMPACTS

There are no accessibility impacts related to this information report.

### TECHNOLOGY IMPLICATIONS

There are no direct technical implications associated with this report.

### TERM OF COUNCIL PRIORITIES

One of Council's priorities is to Enhance and Protect Natural Systems. This report demonstrates that Wastewater Services is in compliance with all environmental regulations.

### SUPPORTING DOCUMENTATION

[Document 1](#) - Regulatory Compliance Report, Wastewater and Stormwater Systems, 2011 Annual Summary Report. Stantec Consulting Limited. April 12, 2012  
(*Issued separately and held on file with the City Clerk*)

[Document 2](#) - Communal Sewage Inspection Report. Ministry of the Environment. March 28, 2012 (*Issued separately and held on file with the City Clerk*)

### DISPOSITION

That the Environment Committee receive this report for information.

EXTRACT OF DRAFT  
MINUTES 18  
19 JUNE 2012

EXTRAIT DE L'ÉBAUCHE  
DU PROCÈS-VERBAL 18  
LE 19 JUIN 2012

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CITY WIDE

**REPORT RECOMMENDATION**

**That the Environment Committee receive this report for information.**

RECEIVED

Dixon Weir, General Manager of Environmental Services and Michel Chevalier, Manager of Wastewater Services spoke to a PowerPoint presentation, a copy of the presentation is held on file with the City Clerk. Staff responded to questions relating to impacts on waterways from other areas such as Gatineau, the disposal of biosolids and the enforcement with the companies who have discharge agreements with the City.

At the Chair's request, the Committee agreed to forward this report to Council for information. The report recommendation was then put to Committee and RECEIVED, as presented with the following direction to staff:

**DIRECTION TO STAFF:**

Staff to provide, by the Council meeting on 27 June 2012, a list of the industries, which the City has discharge agreements with.