

2014 CORPORATE ENVIRONMENT, HEALTH & SAFETY ANNUAL REPORT

EXECUTIVE SUMMARY

The Corporate Environment, Health & Safety 2014 Annual Report (Attachment 1) is prepared by Environmental & Safety Management (ESM) in its capacity as the corporate-wide champion for corporate environmental and occupational health and safety reporting.

Key environmental achievements for The Corporation in 2014 include: actions taken to support corporate energy reduction such as converting streetlight fixtures to LED lights, saved 16 million litres of water per day through replacement of leaky pipes, controlled invasive weeds through biological controls, and saw an overall 8 per cent improvement in corporate waste diversion levels.

Key safety achievements for The Corporation in 2014 include: a corporate score of 75 per cent of employees who agree that their working conditions are safe (highest score to date), improved emergency preparedness through development of an Emergency Response Framework, and reinforced corporate commitment to safety through the creation of a Senior Safety Committee.

ADMINISTRATION RECOMMENDATION(S)

That the SPC on Utilities and Corporate Services

- 1) Receive the Corporate Environment, Health & Safety 2014 Annual Report (Attachment 1) for information; and
- 2) Receive the 2014 Q3 and Q4 Corporate Environment, Health & Safety Management Systems and Compliance Report (Attachment 2) for information.

PREVIOUS COUNCIL DIRECTION / POLICY

On 2009 March 25, SPC on Utilities and Environment directed Administration to report semi-annually with an integrated Corporate environment and safety performance report, including audit results (UE2009-07).

BACKGROUND

This report is primarily intended to present the environmental and safety aspects, program highlights, and performance of The Corporation's internal operations. Information on selected programs and initiatives that The City has undertaken in the community is also highlighted. These are aligned with The City's corporate environmental, health and safety goals and targets, and commitment to demonstrate leadership in public service and as a corporate citizen.

INVESTIGATION: ALTERNATIVES AND ANALYSIS

The 2014 Corporate Environment, Health & Safety (EHS) Annual Report highlights a wide range of programs, strategies and plans that contribute to achieving The City's corporate environmental and occupational health and safety goals. The report identifies successes achieved in 2014, as well as actions planned to address environmental and safety risks in the coming year.

Attachment 1 is the Corporate Environment, Health & Safety 2014 Annual Report. Highlights include:

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- Converting 2,147 streetlight fixtures to LED lights, reducing energy use by 52 per cent which supports energy conservation and reduced greenhouse gas emissions;
- Replacing 3,848 metres of leaky water mains saving up to 16 million litres of water per day - the equivalent of the daily water use by over 41,000 citizens;
- Diverting ninety-nine per cent of waste from major transportation construction projects such as bridges, roads, interchanges and transit facilities into recycling opportunities;
- Implementation of a three-year applied research project to attempt to restore wetland area and function to multiple wetland areas within the Nose Creek watershed. Successful restoration will benefit both biodiversity and watershed management;
- Testing of newly developed Habitat Condition Rating tool on 41 per cent of City Natural Environment Parks to better understand ecological health and support future planning and budgeting;
- Testing new emergency response protocols to ensure the safety and security of City employees and visitors in the event of large scale emergency at large operational centres; and
- Receiving 99 per cent on a Certificate of Recognition (COR) action plan submitted to The City's certifying partner, Alberta Municipal Health and Safety Association (AMHSA);

Attachment 2 is the 2014 Q3 and Q4 Corporate Environment, Health & Safety Management Systems and Compliance Report. Twelve environmental management system audits were completed between July and December 2014. There were no major gaps in the systems identified in the audits. All eleven business units with registrations to the international environmental management system standard ISO:14001 maintained their registrations in 2014.

For Action Plan 2015 – 2018 environment, health and safety goals and targets were established based on direction from Council, particularly in relation to the two Council priorities of a “healthy and green city” and a “well-run city”. Lessons learned from the establishment of the EHS goals and targets for 2012 – 2014 were shared across The Corporation, and engagement on establishing new targets and performance measures for 2015 – 2018 took place as part of the business planning process. The direction from Council for improved performance measures, benchmarking, and accountability were all considered in establishing the new targets and performance measures.

Stakeholder Engagement, Research and Communication

Environmental & Safety Management, in its capacity as the corporate-wide champion for corporate environmental and occupational health and safety reporting, works collaboratively with business units throughout The Corporation to gather data and analyze progress on environmental and safety performance.

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Strategic Alignment

This report supports UEP 2012-2014 Business Unit Strategy 3P1 – Meet regulatory requirements to protect public health, 3P2 – Lead by example, 4P3 – Manage the challenges of continued growth of The City, and 6Z1 – Improve the health and safety for all City employees. This report supports the Action Plan 2015 – 2108 Council Priorities of a “healthy and green city and a “well-run city”.

Alignment with 2020 Sustainability Direction

This report summarizes the current performance of Corporate environment and workplace safety goals, indicators and targets included in the 2020 Sustainability Direction.

Social, Environmental, Economic (External)

The Corporate EHS 2014 Report demonstrates The City’s accountability and transparency in its commitment to a sustainable city. Reporting on Corporate environmental stewardship and workplace safety demonstrates our contribution to imagineCALGARY goal areas.

Financial Capacity

Current and Future Operating Budget:

Implementing the actions identified in this report will be managed within existing operating budgets.

Current and Future Capital Budget:

Implementing the actions to work towards corporate targets will be managed within existing capital budgets.

Risk Assessment

The City’s EnviroSystem and Occupational Health and Safety (OHS) management system take a risk-based approach to managing performance, providing assurance that environmental and OHS legislative requirements will be met. These systems also provide a framework for developing, implementing and monitoring programs to achieve corporate targets.

REASON(S) FOR RECOMMENDATION(S):

This report is provided for information for the Committee to share progress on Corporate environment, occupational health and safety performance.

ATTACHMENT(S)

- 1) 2014 Corporate Environment, Health & Safety 2014 Annual Report
- 2) 2014 Q3 and Q4 Corporate Environment, Health & Safety Management Systems and Compliance Report