

2013 CORPORATE ENVIRONMENT, HEALTH & SAFETY ANNUAL REPORT

EXECUTIVE SUMMARY

The Corporate Environment, Health & Safety 2013 Annual Report (Attachment 1) is prepared by Environmental & Safety Management (ESM) in its capacity as the corporate-wide champion for City environmental and occupational health and safety reporting. The report provides an analysis on The Corporation's environmental and occupational health and safety (OHS) performance in 2013 and identifies actions planned in the coming year to work towards goals and objectives approved in the 2012 – 2014 business plans or other guiding documents such as the 2020 Sustainability Direction.

The 2013 Q3 and Q4 Corporate Environment, Health & Safety Management Systems and Compliance Report (Attachment 2) summarizes significant environmental and OHS incidents and audit activity for the period 2013 July 1 to 2013 December 31.

The Corporation met key environmental and occupational health and safety targets for 2013 established in the 2012 – 2014 business plans related to greenhouse gas (GHG) emission reductions, management of contaminated lands, and reducing workplace injuries. Progress was also made toward 2020 Sustainability Direction targets in relation to water quality and conservation, waste management, ecosystems and land stewardship.

The Corporate GHG emissions target continues to be met, primarily through the purchase of green electricity, with emissions 41 percent below the 2005 baseline in 2013. Further strengthening of reduction programs will be required to stay on course to meet the 2020 and 2050 targets. Existing targets for screening and management of contaminated lands were met for 2013, and new targets are being considered for 2015 and beyond.

Progress towards 2020 Sustainability Direction targets for waste management were achieved in 2013. Improvements to data monitoring and collection were made in specific areas to improve reporting capabilities, such as additional weigh scales at landfill sites and waste audits at various City facilities.

Goals and targets related to ecosystems and land stewardship in the 2020 Sustainability Direction were reviewed in 2013 and recommendations for alternate targets were proposed for adoption in 2014 to support better action plans/strategies. For example, the proposed new targets would allow for better monitoring and measurement of the relative ecosystem quality of parks over time.

The Corporate target for reducing workplace injuries for 2013 was met and The City achieved a score of 89 per cent on the 2013 Certificate of Recognition (COR) safety system audit.

To ensure Corporate environmental and safety goals align with updated 2015 – 2018 Council priorities, business planning activities related to Action Plan 2015 – 2018 will include a review of proposed goals and targets.

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ADMINISTRATION RECOMMENDATION(S)

Administration recommends that SPC on Utilities and Corporate Services:

1. Receive the Corporate Environment, Health & Safety 2013 Annual Report (Attachment 1) for information.
2. Receive the 2013 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

The 2013 Corporate Environment, Health & Safety (EHS) Annual Report highlights a wide range of programs, strategies and plans that contribute to achieving The City's environmental and occupational health and safety goals. The report identifies successes achieved in 2013, as well as actions planned to address environmental and OHS risks in the coming year. Business planning and budgeting for Action Plan 2015 – 2018 is currently underway and information contained in this report will inform areas where new or improved performance measures are required.

INVESTIGATION: ALTERNATIVES AND ANALYSIS

Monitoring of environmental and OHS indicators allows The Corporation to track progress towards 2020 Sustainability Direction goals and targets established in the 2012 – 2014 business plans. In particular, this report shows progress on goals for a Sustainable Environment including objectives for GHG emission reduction, brownfields redevelopment, recycling and waste management, water quality and conservation.

The OHS metrics reported here monitor progress towards the Sustainable Corporation goal and the Workforce objective of the 2020 Sustainability Direction, related to reducing workplace injuries.

Highlights of the Corporate Environmental, Health & Safety 2013 Annual Report (Attachment 1) include:

- The Corporate GHG emissions target continues to be met, with emissions 41 per cent below the 2005 baseline in 2013. However, with growing service requirements, 2013 emissions were higher than in 2012, indicating that emissions will continue to trend upwards without continued reduction efforts.
- The City surpassed its 2013 target for screening properties for environmental issues, and expects to complete initial screenings of all 8,800 City-owned properties by 2015. Community partners were engaged to consider temporary uses on City-owned brownfields, such as

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community gardens or greenhouses. This will be expanded in 2014 with a formalized program for interim uses on brownfield sites.

- A Habitat Condition Rating tool is being developed to evaluate the state of Calgary's natural areas. A biodiversity report and City Biodiversity Index is also in development. The biodiversity report will document the state of Calgary's biodiversity in terms of describing the natural heritage of species and habitats as well as threats and influences in the past and the present. This document will be updated as required and serve as a baseline for monitoring of change and benchmarking against outcomes. The index will provide an evaluation of each park's health in terms of its contribution to protection of biodiversity and is based on measures of size, condition and connection to other open space.
- The Corporate waste management strategy is being implemented across The Corporation through various initiatives. In 2013, The City diverted materials from entering the landfill by: diverting 40,500 tonnes of construction and demolition waste, recycling scrap materials, producing compost, and diverting recyclables through the Green Office program.
- A Corporate Safety Strategy was developed in 2013, identifying five strategic results areas – safety culture, leadership, governance, programs and services, and evaluation and measurement. These elements have been/are being integrated into all business unit work plans. Progress was also made on programs identified as representing higher corporate safety risks, including emergency response planning and contractor management.

Attachment 2, the 2013 Q3 and Q4 Corporate Environment, Health & Safety Management Systems and Compliance Report includes summary descriptions of three environmental nonconformities and four worker safety incidents or near-misses with potential for serious injury. In all cases The City reported the incidents to the appropriate regulators and responded to all requests for further investigation and corrective actions.

Stakeholder Engagement, Research and Communication

Environmental & Safety Management works collaboratively with business units throughout The Corporation to gather data and analyze progress on environmental and OHS performance.

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.

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 2013 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.

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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 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) Corporate Environment, Health & Safety 2013 Annual Report
- 2) 2013 Q3 and Q4 Corporate Environment, Health & Safety Management Systems and Compliance Report