

## 2014 Environmental Agreements Report

Pursuant to Bylaw 11M2010 (Environmental Agreements Bylaw), Section 4, Reporting - Environmental and Safety Management shall provide an annual report to City Council itemizing the Agreements authorized. The attached table is hereby provided to implement this condition. To date, licenses and stewardship are the environmental agreement types issued under the Bylaw, with a total of 39 agreements issued.

#	Licensee	Ward	Type of Environmental Agreement	Date Executed/ Term Length	Location	Description of Agreement
1	Alberta Transportation	11 & 13	License	November 19, 2014 for 1 year	Portion of Glenmore Trail SW road right-of-way between Lincoln Way SW and Richard Road SW, a portion of 37 Street SW road right-of-way between Woodbrook Road and 300 Wood Valley Bay SW, a portion of Southland Drive SW road right-of-way directly south and southeast of 10027 Oakfield Drive SW, a portion of 37 Street SW road right-of-way directly west of 100 Cedardale Place SW, a portion of 37 Street SW road right-of-way directly west of 200 Cedardale Bay and Cedardale Road SW, the southwest portion of 6711 - 37 Street SW (portion 3 of 4 and 4 of 4) (Glenmore Reservoir Site), the northeastern portion of 3535R – 146 Avenue SW, a portion of Sarcee Trail SW road right-of-way west of Evergreen Way SW and a portion of Sarcee Trail SW road right-of-way west of Everglen Way and Everglen Grove SW	Installation of forty seven monitoring wells along the southwest ring road alignment to investigate potential impacts prior to construction
2	Bucci Developments Ltd.	9	License	July 28, 2014 for 1 year	West and central portion of 1009 Centre Avenue NE	Installation of three monitoring wells to investigate potential impacts of hydrocarbons prior to purchase

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3	Bucci Developments Ltd.	9	License Amendment	September 12, 2014 *expires July 28, 2015 as per original agreement	Further portions of the central west and south of 1009 Centre Avenue NE	Installation of three more monitoring wells and four boreholes to delineate exceedance of polycyclic aromatic hydrocarbons
4	Calgary Co-operative Association Ltd.	10	License	July 23, 2014 for 2 years	Portion of Radisson Drive SE road right-of-way, adjacent to the east of 3330 – 17 Avenue SE between 16 and 17 Avenue SE	Ongoing monitoring of three wells related to off-site hydrocarbon impacts
5	CH2M Hill Canada Limited	1	License	December 19, 2014 for 3 years	Portion of lane right-of-way between Bowness Road NW and Bow Crescent NW and 62 Street and 63 Street NW, directly north of 6336 Bowness Road NW	Installation of four monitoring wells related to off-site hydrocarbon impacts from Gas Plus on behalf of Alberta Environment and Sustainable Resource Development
6	Dura-Lite Heat Transfer Products Ltd.	9	License	January 15, 2014 for 2 years	Portion of lane right-of-way between Farrell Road SE and Franklin Drive SE, south of 7041 Farrell Road SE	Ongoing monitoring of four wells and operation of remediation system related to off-site impacts
7	Embassy Development Corporation (Embassy Bosa Inc.)	7	License	March 11, 2014 for 2 years	Portion of 6 Avenue SE road right-of-way directly north of 431 – 6 Avenue SE, and a portion of 4 Street SE road right-of-way directly east and southeast of 431 – 6 Avenue SE	Installation of four monitoring wells to investigate potential off-site hydrocarbon and metals impacts
8	First Capital (Kingsland) Corporation	11	License	February 5, 2014 for 5 years	Portion of lane right-of-way between Elbow Drive and 7 Street SW and 75 and 77 Avenue SW, directly east of 7724 Elbow Drive SW	Installation of two monitoring wells to investigate potential off-site impacts of solvents from adjacent former dry cleaners

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9	First Capital Holdings (ALB) Corporaton	8	License	April 3, 2014 for 10 years	Portion of 15 and 16 Avenue SW road right-of-way between 7 and 8 Street SW, the southwest portion of 820 -17 Avenue SW, a portion of 7 Street SW road right-of-way between 15 and 16 Avenue SW and a portion of lane right-of-way between 15 and 16 Avenue SW and 7 and 8 Street SW, surrounding 802-812 – 16 Avenue SW	Installation of eleven monitoring wells to investigate potential contamination in the area from hydrocarbons, metals and dry cleaning solvents
10	Freeze Maxwell Roofing (Calgary) Ltd.	9	License	February 5, 2014 for 1 year	Portion of 4830R Macleod Trail SW between 45 and 46 Avenue SW, west of 4635 – 1 Street SE	Ongoing monitoring of two existing wells related to off-site nitrate impacts
11	Georgio Homes Ltd.	9	License	November 7, 2014 for 1 year	Northwest portion of 820 Edmonton Trail NE	Installation of one monitoring well to investigate soil and groundwater quality for hydrocarbons prior to purchase of property to the north.
12	Golder Associates Ltd.	7	License Amendment	January 29, 2014 *expires February 16, 2021 as per original agreement	Further portion of 19 Street NW road right-of-way, between Bowness Road NW and Westmount Boulevard NW, a further portion of Broadview Road NW road right-of-way between 18 and 20 Street NW, a further portion of lane right-of-way between Bowness Road NW and Broadview Road NW and 18 and 19 Street NW and a portion of the lane right-of-way between Broadview Road and Westmount Boulevard NW and 18 and 19 Street NW	Continued investigation and assessment of subsurface contamination related to the former Canada Creosote site south of the Bow River. Twelve monitoring wells planned
13	Heritage Partners Limited Partnership	9	License	March 11, 2014 for 5 years	A portion of 11 Street SE road right-of-way, directly east of 8177 – 11 Street SE, and west of the property line between 8000 and 8180 – 11 Street SE	Ongoing monitoring of one monitoring well related to former Cominco fertilizer manufacturing plant

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14	Husky Oil Operations Limited	9	License Amendment	July 9, 2014 *expires December 10, 2016 as per original agreement	A further portion of south central area of 712 – 19 Street SE	Remedial excavation 4.5 metres (m) below ground surface in a 4.5 m by 5 m area related to impacts from former Husky bulk fuel outlet
15	Husky Oil Operations Limited	9	License Amendment	October 2, 2014 *expires September 1, 2020 as per original agreement	A further portion of Ogden Road SE road right-of-way from Glenmore Trail SE to north of 80 Avenue SE, directly west and northwest of 2720 Glenmore Trail SE	Relocation of remediation system, including equipment compound, building and underground vacuum, electrical and sanitary lines
16	Imperial Oil Limited	7	License Amendment	March 21, 2014 – * expires December 31, 2014 - 12 month extension	Portion of 16 Avenue NW road right-of-way between 10 Street and 11 Street NW and a portion of 11 Street NW, directly southeast of 1202-1208 – 16 Avenue NW	Continued groundwater monitoring of six wells related to off-site hydrocarbon impacts
17	Lakeview Village Professional Centre Corporation	11	License	September 11, 2014 for 2 years	Portion of Crowchild Trail SW road right-of-way directly west of 6620 Crowchild Trail SW and a portion of lane right-of-way between Longridge Drive SW and 66 Avenue SW, directly east of 6620 Crowchild Trail SW	Installation of three monitoring wells related to possible off-site hydrocarbon impacts
18	Oak Environmental Inc.	12	License	May 26, 2014 for four days (June 17-20, 2014)	Portion of Southland Natural Environment Park directly to the southeast of Deerfoot Trail SE and Southland Drive SE interchange	Installation and use of monitoring wells and soil sampling in Southland Park as part of Environmental Field Course
19	Palliser Square Properties Ltd.	8	License	February 5, 2014 for 1 year	Portion of 10 Avenue SE road right-of-way directly south of 140 – 10 Avenue SE	Ongoing monitoring of existing well related to off-site hydrocarbon impacts

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20	Panterra Properties Inc.	9	License	October 28, 2014 for 1 year	Portion of 53 Avenue SE road right-of-way between 5 and 6 Street SE and a portion of 5 Street SE road right-of-way directly east of the property located at 5516 – 5 Street SE	Installation of seven monitoring wells related to possible off-site hexavalent chromium impacts to groundwater
21	Parkland Industries Ltd.	10	License	January 17, 2014 for 2 years	Portions of 17 Avenue SE road right-of-way and 17 Street SE road right-of-way, directly north and east of 3719 – 17 Avenue SE	Ongoing monitoring of existing four wells related to off-site hydrocarbon impacts
22	PBA Land Development Ltd.	9	License	October 10, 2014 for 5 years	Portion of 60 Avenue SE and Centre Street SE road right-of-ways directly south and west respectively of 5980 Centre Street SE	Ongoing monitoring of existing six wells related to off-site hydrocarbon impacts
23	Rent Rite Truck Rentals Ltd.	9	License	November 26, 2014 for 1 year	Portions of 30 Street SE and 61 Avenue SE road right-of-ways, directly southwest of 6118 – 30 Street SE	Ongoing monitoring of four existing wells related to off-site hydrocarbon impacts
24	Sears Canada Inc.	7	License	October 2, 2014 for 1 year	The eastern portion of 1635 – 14 Avenue NW between 16A Street NW and 15 Street NW, the eastern portion of 1204 – 17A Street NW, a portion of 15, 16 and 16A Street NW road right-of-ways from 13 Avenue to 10 Avenue NW, portions of 10, 11 and 13 Avenue NW road right-of-ways from 16A Street NW to east of 15 Street NW, and portions of lane right-of-ways between 15 and 16 Street NW and 13 and 10 Avenue NW and between 14 and 15 Street NW and 13 and 10 Avenue NW	Installation of one hundred and fourteen monitoring wells, eight existing monitoring wells and seven existing extraction wells for dual-phase vapour extraction related to off-site hydrocarbon impacts
25	Shell Canada Products	1	License	March 24, 2014 for 3 years	Portion of 15 Avenue NW road right-of-way between 46 Street and Monterey Avenue NW, a portion of 16 Avenue NW road right-of-way between 45 and 46 Street NW and a portion of 46 Street NW road right-of-way directly northeast of 4634 – 16 Avenue NW	Ongoing monitoring of eleven existing wells related to off-site hydrocarbon impacts

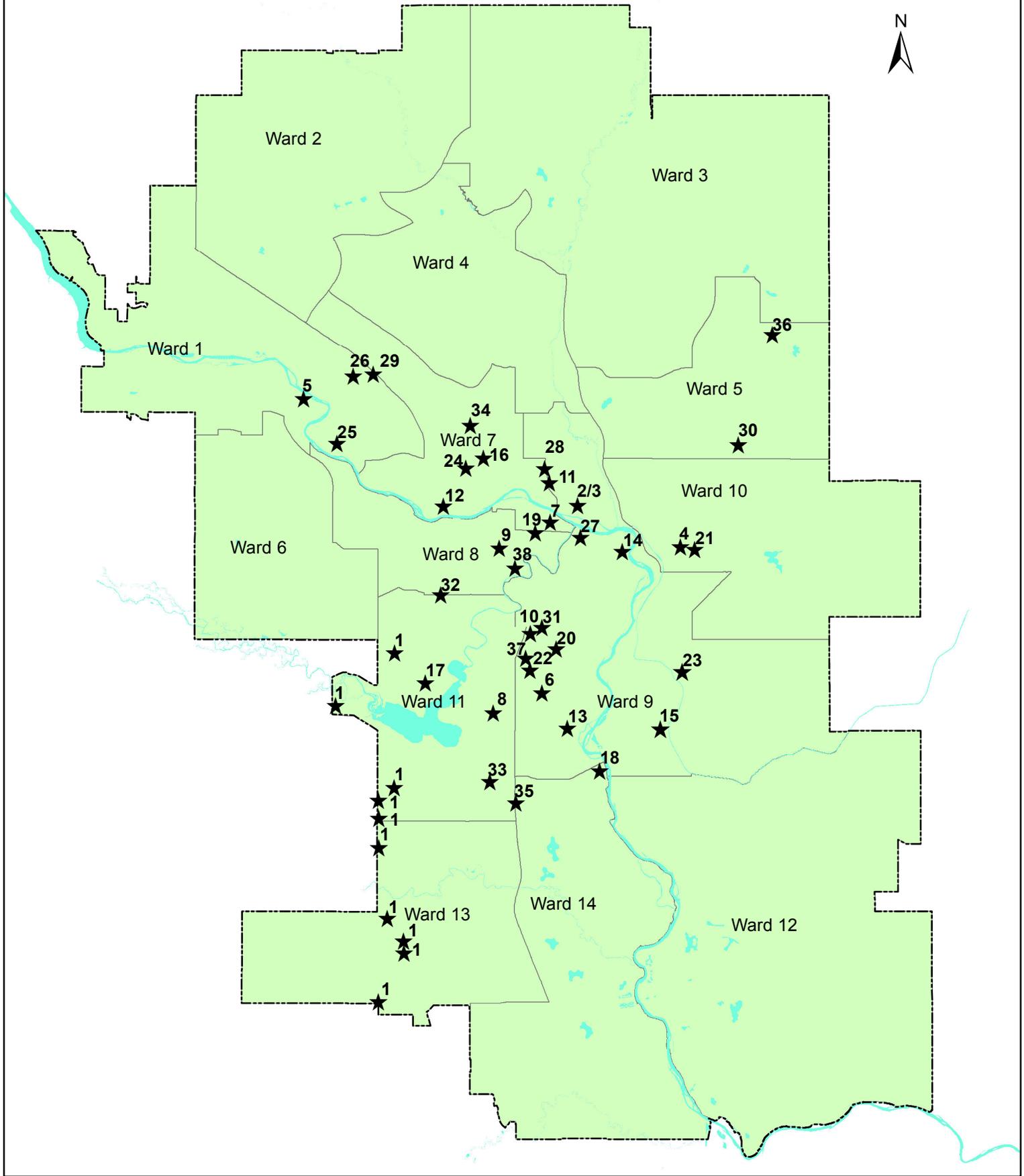
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26	Shell Canada Products	1	License	March 24, 2014 for 3 years	Portion of Varsity Drive NW road right-of-way between Shaganappi Trail and Viscount Drive NW, directly north of 4645 Varsity Drive NW	Ongoing monitoring of seven existing wells related to off-site hydrocarbon impacts
27	Shell Canada Products	9	License	October 24, 2014 for 3 years	Portion of 10 Street SE road right-of-way between 9 and 10 Avenue SE and a portion of 10 Avenue SE road right-of-way, directly south and southwest of 1036 – 10 Avenue SE (also referenced as 929 – 11 Street SE)	Ongoing monitoring of seven existing wells related to off-site hydrocarbon impacts
28	Shell Canada Products	7	License	October 24, 2014 for 3 years	Portion of 13 Avenue NE road right-of-way, directly north of 1319 Edmonton Trail NE and 305 – 13 Avenue NE, directly east of 1319 Edmonton Trail NE and a portion of the lane right-of-way, directly southeast of 1319 Edmonton Trail NE	Ongoing monitoring of fourteen existing wells related to off-site hydrocarbon impacts
29	Shell Canada Products	1	License	October 24, 2014 for 3 years	Portion of Crowchild Trail NW road right-of-way directly north of 3950 – 46 Avenue NW, and the northeastern portion of 4645 Crowchild Trail NW, west of 3950 – 46 Avenue NW	Ongoing monitoring of eleven existing wells related to off-site hydrocarbon impacts
30	Shell Canada Products	5	License	December 17, 2014 for 5 years	Portion of Rundlehorn Drive NE road right-of-way between 52 Street NE and Pinemont Road NE, a portion of 52 Street NE road right-of-way between Rundlehorn Drive and Rundlecairn Way NE, a portion of utility right-of-way directly south and southeast of 5301 Rundlehorn Drive NE and a portion of 5327 Rundlehorn Drive NE	Ongoing monitoring of fifteen existing wells related to off-site hydrocarbon impacts
31	Sobeys West Inc.	9	License	September 11, 2014 for 3 years	Western cul-de-sac of Manitou Road SE road right-of-way, directly southeast of 285 Manitou Road SE	Ongoing monitoring of three existing wells related to off-site hydrocarbon impacts

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32	Strategic Equity Corp.	11	License	July 3, 2014 for 5 years	Portions of 34 Avenue SW road right-of-way and 20 Street SW road right-of-way, directly north and east of 2101 – 34 Avenue SW	Ongoing monitoring of five existing wells related to off-site hydrocarbon impacts
33	Suncor Energy Inc.	11	License	December 2, 2014 for 5 years	Portion of lane right-of-way between Seattle Drive and Southland Drive SW, directly north of 728 to 736 Seattle Drive SW	Ongoing monitoring of two existing wells and extraction header for remediation of off-site hydrocarbon impacts
34	Suncor Energy Inc.	7	License	December 2, 2014 for 10 years	Portion of Rosehill Drive NW road right-of-way between 14 Street NW and Rosery Drive NW, the lane right-of-way directly east of 3104 and 3108 – 14 Street NW and the lane right-of-way directly north of 1428 to 1440 Rosehill Drive NW	Ongoing monitoring of twenty nine existing wells and remediation of off-site hydrocarbon impacts
35	Tower Chrysler	11	License	April 23, 2014 for 1 year	Portion of Macleod Trail SW road right-of-way between Willow Park Drive SE and 109 Avenue SE, and directly east of 10901 Macleod Trail SW	Installation of three monitoring wells to investigate potential off-site contamination from hydrocarbons
36	7-Eleven Canada, Inc.	5	License	September 12, 2014 for 5 years	Portion of Falshire Drive NE road right-of-way directly north of 265 Falshire Drive NE	Ongoing monitoring of four existing wells related to off-site hydrocarbon impacts
37	1328419 Alberta Ltd.	9	License	December 18, 2014 for 1 year	Southern portion of 5440R – 1 Street SW, directly east and southeast of 5720 – 1 Street SW	Installation of three monitoring wells to investigate potential disulfide contamination off-site

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38	1457164 Alberta Ltd.	8	License	February 5, 2014 for 1 year	Portion of 24 Avenue SW road right-of-way, directly south of 2312 – 4 Street SW and a portion of 4 Street SW road right-of-way directly west of 2312 – 4 Street SW	Ongoing monitoring of two existing wells related to off-site solvent (tetrachloroethylene) impacts from a former dry-cleaner
39 *	The City of Calgary and Bullfrog Power	n/a	Stewardship	September 30, 2014 for 1 year	n/a	Sponsorship agreement in the amount of \$20,000, related to the installation of solar photovoltaic (PV) panels on community associations and the related community engagement

\*Note: not depicted on map, given no geographic location associated

# The City of Calgary 2014 Environmental Agreements Areas Map



**\*To be viewed with the 2014 Environmental Agreements Report Summary Table**