

#### **Publishing Information**

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#### Introduction

According to The Economist Intelligence Unit Survey (2019), Calgary was ranked as the fifth most livable city in the world. Calgary is known as an entrepreneurial city and net migration registered an increase of welcoming 10,000 new residents in 2019. Due to a combination of employment, housing and quality-of-life factors, Calgary's population continues to grow. Off-site levy funds are one tool for The City of Calgary (The City) to invest in infrastructure to support the growth of new and existing communities, and to support economic resilience and competitiveness.

The Municipal Government Act<sup>2</sup> permits municipalities, through a bylaw, to charge off-site levies. The Off-site Levy Bylaw (2M2016) was approved by Council in 2016. It has been amended twice- once in 2018 to include additional infrastructure to support growth and again in 2019 to align with City Charter<sup>3</sup> direction. The bylaw allows the cost of infrastructure for development to be shared, providing for financial certainty and reduced risk to the development industry.

As part of The City's commitment to transparent reporting on the collection and use of off-site levy funds, an Annual Off-site Levy Report (Report) is published. It outlines the opening balance, collection, spending, earned interest and closing balance for each infrastructure type. The 2019 Annual Off-site Levy Report provides full and open disclosure of all off-site levy costs and payments with details of all offsite levies received and utilized for each type of infrastructure within each benefitting area.

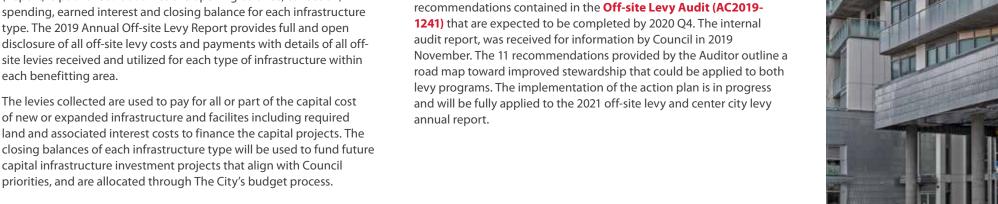
of new or expanded infrastructure and facilities including required land and associated interest costs to finance the capital projects. The closing balances of each infrastructure type will be used to fund future capital infrastructure investment projects that align with Council priorities, and are allocated through The City's budget process.

The capital infrastructure included in the off-site levy bylaw are:

- Water distribution and wastewater collection infrastructure, drainage systems, and treatment plants required for or impacted by a proposed subdivision or development
- Transportation (interchanges, structures over major geographic barriers, skeleton roads, transportation utility road connections etc.)
- Community or Recreation infrastructure (transit, fire, police, recreational, and library facilities)

This Report was compiled by The City's finance department and was reviewed by a joint governance committee of Land Development industry representatives and City Administration. This report is also presented to the Standing Policy Committee on Planning and Urban Development (PUD) and is part of The City's public record.

The City is currently conducting a review of the Off-site Levy (OSL) and Centre City Levy (CCL) Bylaws which is anticipated to be completed in 2021 Q1. The City is also in the process of implementing recommendations contained in the Off-site Levy Audit (AC2019-**1241)** that are expected to be completed by 2020 Q4. The internal audit report, was received for information by Council in 2019 levy programs. The implementation of the action plan is in progress and will be fully applied to the 2021 off-site levy and center city levy



<sup>1</sup> The Economist Intelligence Unit is the research and analysis division of Economist Group, the sister company to The Economist newspaper. (https://www.eiu.com)

section 4(35.1) of the City of Calgary Charter, 2018 Regulation (Alta Reg 187/2019) required Calgary council to amend Bylaw 2M2016 to include the Community Services Charges as an off-site levy before December 31, 2019. The City of Calgary Charter, 2018 Regulation grants the City of Calgary unique legislative authority to address its specific needs.





<sup>&</sup>lt;sup>2</sup> Section 648 of the Alberta Municipal Government Act; section 4(35.1) of the City of Calgary Charter.

#### Overview

The off-site levy funds paid by developers represent a significant funding stream to support growth infrastructure for new and existing communities. This report includes summary pages for each of the departments and appendices with project specific details.

Table 1, shows the off-site levies collected and spent in 2019, and the year-end closing balance in the off-site levy account. This closing balance of \$330,628,601 is the amount available to fund ongoing and future levy-eligible capital projects. Table 2 shows the reconciliation of the off-site levy balance to The City's Annual Report ("the financial statements"). "The adjustments" are levies paid through internal City of Calgary transfers, levies held in reserves, and the non-off-site levy deposits.

Levies are collected as land development proceeds. It can take The City many years to build up enough resources to support a capital infrastructure project. To move ahead with projects in a timely manner to support development, infrastructure identified in the off-site levy program may be funded using a combination of levy funds and other funding sources. This often results in a positive balance in the levy accounts at the end of the year. This balance will be spent to support new and ongoing infrastructure projects in future years.

 Table 1:
 Off-site Levies Balance Collected and Spent

Opening Balance on January 1, 2019	375,081,533
Adjustments to 2018 Report and 2019 Opening Balance 1	(2,716)
Restated Opening Balance, Off-site Levies on 2019 January 01	\$375,078,817
Total Off-site Levies Collected	122,591,251
Established Area Density Incentive Program Transfer	480,684
Investment Income Received	9,233,253
Off-site Levies Spent	(176,755,404)
Closing Balance, Off-site Levies on December 31, 2019	\$330,628,601

<sup>&</sup>lt;sup>1</sup> 2017 Receipt correction from Transportation. A centre city levy deposit of \$2,716.02 was incorrectly included in the 2018 off-site levy annual report.

**Table 2:** Off-site Levies Balance as per Financial Statement as at 2019 December 31

Off-site Levy Year-End Balance as per Financial Statements (2019 Dec 31) 1	293,381,001
Off-site Levies paid by The City of Calgary <sup>2</sup>	15,861,577
Off-site Levy Held in Reserves (Water)	27,923,752
Non-Off-site Levy Deposits <sup>3</sup>	(6,537,729)
Closing Balance, Off-site Levies on December 31, 2019	\$330,628,601

<sup>&</sup>lt;sup>1</sup> The City of Calgary 2019 Annual Report can be found on Calgary.ca. Refer to Notes to Financial Statements, Section 11 Capital Deposits.



<sup>&</sup>lt;sup>2</sup> City of Calgary Off-site Levies (internal transactions) are eliminated during the financial statement consolidation. For the purposes of the Off-site Levy Annual Report, these adjustments are included. These levies represent charges incurred through development by The City of Calgary.

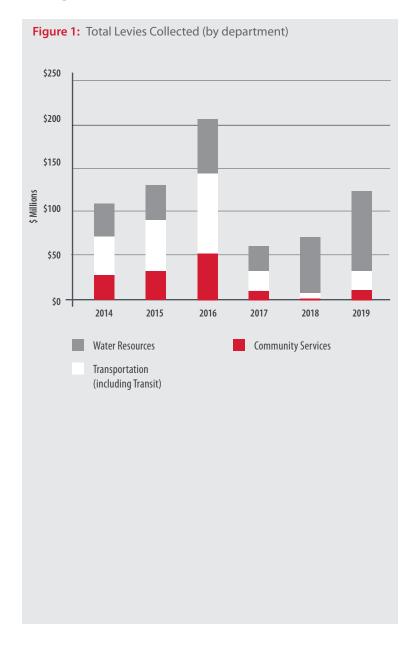
<sup>&</sup>lt;sup>3</sup> These include funds for the Centre City Levy and Redevelopment and Local Improvement Levy

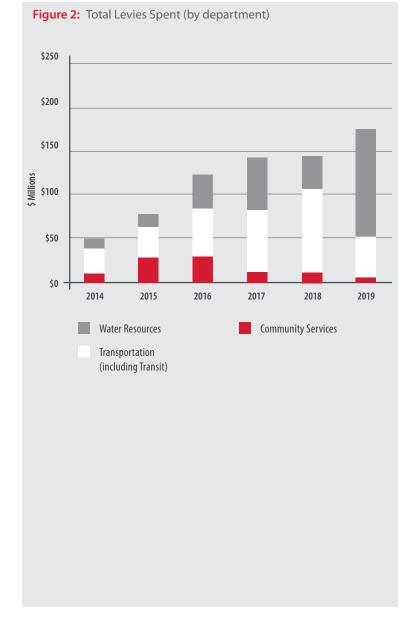
## **Total Levies Collected and Spent**

In 2019, a total of \$123,071,935 in off-site levies were collected, and The City spent \$176,755,404 from the levy account on capital projects. The total amount collected is a combination of funds received from the development industry (\$122,591,251) and funds transferred to the levy account (\$480,684) as part of the Density Incentive Program¹.

Figure 1 shows the levies collected since 2014 for each department. The high collections in 2016 and the subsequent lower collections in 2017 and 2018 are a result of adopting the new levy bylaw in 2016 and the shift to a three-year collection timeframe. The changing proportion of levies collected by department is also a result of the 2016 off-site levy bylaw. Within the three-year payment period, Water Resource levies are collected first, Transportation levies are collected second, and Community Services levies are collected third.

Figure 2 shows the levies spent since 2014 for each department. Timing of levy collection does not always align with when the infrastructure is required. The City uses various funding sources out side of the off-site levy fund to pay for capital infrastructure and may fund or finance the levy portion of the cost from other funding sources until such time as the levies are collected. Keeping an account of what is budgeted and what is spent is important for the calculation of the levy. Further explanation of the levy calculation and the carry forward of the levy fund balance is detailed in Bylaw 2M2016, Schedule C.





<sup>&</sup>lt;sup>1</sup> A Density Incentive Program was included in Bylaw 2M2016 to help incentivise redevelopment by providing a capped levy amount when development reaches a density at or above 285 equivalent persons per hectare, in the Established Area.

# Hectares of Land under Development Agreements

Development agreements and development permits are tracked to understand where development is happening and where levies have been assessed and collected. This is important for capital budgeting and forecasting purposes.

In 2019, development agreements were executed for 186 hectares (ha) of development. Table 3 shows the annual volume of development agreement areas and the breakdown of levies received by type of development (industrial, commercial and residential). In order to accurately reflect what levies will be received, Table 3 has been split into "Executed" and "Cancelled" development agreements.

Table 3:	Hectares	of Development	by Type
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Type of Development	2014	2015	2016	2017	2018	2019
Residential	243	564	109	363	349	165
Commercial	81	49	12	0	8	4
Industrial	76	172	0	0	35	18
Total Hectares	400	785	121	363	392	186
Cancelled Residential	0	31	0	4	0	0
Cancelled Commercial	0	0	0	0	0	0
Cancelled Industrial	0	0	0	0	0	0
Total Hectares, Cancelled	0	31	0	4	0	0
Total Hectares Executed, excluding Cancelled	400	754	121	359	392	186

Table 4 shows the breakdown of levies collected for the Greenfield and Established Areas. Levies collected in the Greenfield Area are done through development agreement (at the subdivision stage) and collected on a per hectare rate, whereas levies collected in the Established Area are collected through development permit and are collected per unit for residential development or metre squared for commercial/industrial development.

 Table 4:
 Development Agreements by Location

	Number of Development Agreements				
Location of Development	2016	2017	2018	2019	
Greenfield Area	12	42	51	27	
Established Area	8	3	6	8	
Total No. of Agreements	20	45	57	35	

	Hectares of Land under Development Agreements							
	20	16	20	17	20	18	20	19
Location of Development	НА	%	(HA	%	НА	%	НА	%
Greenfield Area	78	65%	343	96%	374	95%	147	79%
Established Area	42	35%	16	4%	18	5%	38	21%
Total Hectare	121	100%	359	100%	392	100%	186	100%



The Greenfield Area is divided into six different watersheds for the purposes of the stormwater levy. The sanitary, water, and transportation levies and community services charges are all applied equally across the Greenfield Area. The Treatment Plant Levy is applied citywide, including in the Established Area. In 2019, 227 development permits in the Established Area paid the Treatment Plant Levy. The breakdown of these permits and payments are summarized in Table 5.

A Density Incentive Program was included in Bylaw 2M2016 to help incentivise redevelopment in the Established Area. When a development reaches a density at, or above 285 equivalent persons per hectare, the levy rate is capped and developers do not pay for the additional units or square metres of development space. The difference in the levy charge between the capped density and the actual density is paid for through the Established Area Redevelopment Incentive Budget ("EARIB") which is funded through property tax. In 2019, eight approved development permit applications exceeded the maximum density and \$480,684 was transferred to Water Resources to invest in treatment plant infrastructure.

Table 5: Development Permits in Established Area

	2017	2018	2019
Residential Development Permits	279	328	205
Retail/Commercial Development Permits	7	12	12
Industrial Development Permits	0	3	4
Mixed-Use Development Permits	6	1	6
Total Development Permits	292	344	227
Established Area Levy Collected	\$2,214,372	\$5,077,447	\$4,266,855
EARIB Allocated to Water Resources <sup>1</sup>	\$259,957	\$2,232,146	\$480,684
Total Established Area Levy	\$2,474,329	\$7,309,593	\$4,747,539

<sup>&</sup>lt;sup>1</sup> The Density Incentive Program is paid for by property tax funding allocated through the Established Areas Redevelopment Incentive Budget (EARIB).

## Levy Expenditures by Service Line

Through the One Calgary 2019-2022 Service Plans and Budgets (see Report C2018-1158), The City has moved towards a service line approach to planning and budgeting. This approach, identifying each of The City's 61 services, makes it clearer to Council and citizens the services The City provides, how much those services cost, and how funds managed by The City are being invested to deliver value.

The off-site levy program supports 10 of The City's 61 service lines. Table 6 identifies the 2019 levy expenditures by service line, as well as the number of projects within each service line that the off-site levies have, or continue to support.

 Table 6:
 Off-site Levy Information by Service Line

Service Line	Total 2019 Levy Funds Spent (\$)	# of Active or Future Levy Projects ¹	# of Past Levy Projects <sup>1</sup>
Streets	32,692,627	26	52
Sidewalks & Pathways	736,183	1	5
Public Transit	7,747,490	1	2
Water Treatment & Supply	27,778,458	25	93
Wastewater Collection & Treatment	98,738,167	26	93
Stormwater Management	2,556,772	10	32
Fire & Emergency Response	3,049,937	8	8
Recreation Opportunities	0	1	4
Library Services	0	1	0
Police Services	3,455,757	2	1
Total	\$176,755,404	101	290

<sup>1</sup> Each phase of one infrastructure program may correlate to a different project identifier. These counts refer to the number of projects identified in the tables in the Appendices to this report.

### **Transportation Summary**

The transportation component of the levy includes capital projects identified in the Calgary Transportation Plan. All projects are prioritized through the One Calgary service plan and budget process. In 2019, over \$33 million of off-site levy was spent on transportation projects to support city-wide growth and redevelopment.

The 2019 levy funded key activities within Transportation, including:

- SW & W Ring Road Connections (\$9.3 million spent in 2019)
- Airport Trail N.E. Phase 2 (\$6.6 million spent in 2019)
- Future Land (various Bus Rapid Transit, Banff Trail) (\$5.8 million spent in 2019)
- 212 Avenue/Deerfoot Trail Ramps/Interchange (\$4.6 million spent in 2019)
- **Development Infrastructure** (\$1.9 million spent in 2019)
- Trans Canada Highway/Bowfort Road Interchange (\$1.8 million spent in 2019)
- Stoney Trail Improvements (\$1.4 million spent in 2019)
- **Crowchild Trail Improvements** (\$1.0 million spent in 2019)

The amount collected in 2019 for both transportation and transit, as shown in Tables 7 and 8, is \$24,392,675 and \$506,933 respectively. The fund balance for both Transportation and Transit is \$93,426,011 as shown in Table 9. The levy balances in Tables 7 -9 are committed to the greenfield share of transportation projects that align with the One Calgary Service Plans and Budget. For more details on Transportation capital projects, see Schedule A - Transpiration Details. For more details on Transit bus projects, see Schedule D - Transit Buses Details.

The Transportation levies support four service lines (Streets, Public Transit, Land Development off-site Road, and Sidewalks and Pathways). Details on the service lines can be found in Table 6, page 8.

**Table 7:** Transportation Balance

Opening Balance on 2019 Jan 1	01-Jan-19	85,064,304
Off-site Levy Collected	2019	24,392,675
Investment Income Earned	2019	4,394,925
Off-site Levy Spent	2019	(33,428,823)
Closing Balance of Levies on 2019 Dec 31		\$80,423,081

**Table 8:** Transit Balance (Buses)

Opening Balance on 2019 Jan 1	01-Jan-19	19,703,373
Off-site Levy Collected	2019	506,933
Investment Income Earned	2019	542,831
Off-site Levy Spent	2019	(7,747,490)
2017 Receipt correction <sup>1</sup>		(2,716)
Closing Balance of Levies on 2019 Dec 31		\$13,002,930

 Table 9:
 Transportation and Transit

Transportation Balance on 2019 Dec 31	80,423,081
Transit Balance on 2019 Dec 31	13,002,930
Closing Balance of Levies on 2019 Dec 31	\$93,426,011

<sup>&</sup>lt;sup>1</sup> 2017 Receipt correction from Transportation. A centre city levy deposit of \$2,716.02 was incorrectly included in the 2018 off-site levy annual report.

The collection of levy funds may not align with the timing of the infrastructure need. To move forward the required infrastructure projects, The City often uses other funding sources to pay for the capital infrastructure cost or finance the levy portion of the cost. In 2019, \$97.2 million of grants, \$27.2 million city funding and \$33.4 million of off-site levies were spent on the off-site levy eligible capital projects within the Transportation Program.



### Water Resources Summary

In 2019, significant progress was made to advance the delivery of Water Resources capital investments to support growth in new communities.

The 2019 levy funded key activities within Water Resources, including:

- Northridge Feedermain (\$28 million spent in 2019): Through development, the area of Keystone Hills continues to grow and there is a need to deliver water to homes and businesses in the area. The project used microtunnelling (connecting pipes underground rather than digging large trenches) to reduce traffic impacts when crossing Stoney Trail.
- Bonnybrook Plant D Expansion (\$124 million spent in 2019): The City is investing over \$1 billion to upgrade and expand the Bonnybrook Wastewater Treatment Plant to protect the environment, increase energy efficiency, and accommodate our city's future growth to the mid-2030s.

The capital projects are prioritized through the service plans and budget process and in 2019, project schedules were adjusted for some projects to better align with development timing/pace of growth (ex. Northridge Reservoir) or in response to unanticipated site conditions and regulatory requirements (ex. Priddis Slough outfall).

In 2019, the total amount of levies collected from development projects was \$88,707,462, as shown in Table 10. An additional \$480,684 was transferred to the levy account from the Density Incentive Program. A total of \$129,073,397 of the levy funds was used to pay for debt servicing obligation from capital projects. The timing of when infrastructure is needed and the associated debt serving obligation may not align with the amount of levy funds collected. The levy balance varies by infrastructure type. The closing balance of \$55,990,017 is from Water Treatment Plant, Wastewater Treatment Plants and five Stormwater Watersheds (Bow, Elbow, Nose Creek, Pine Creek and Fish Creek). However, Water Distribution, Wastewater Collection and Shepard Watershed have deficit balances of (\$41,802,362), (\$27,576,703) and (\$4,567,501) respectively. These shortfalls are temporarily mitigated by utility rate revenue.

Details of the levy collections by area are included in Table 11, which also details the amounts allocated to Water Resources and Water Services from the EARIB through the Density Incentive Program. Details of specific projects are shown in Schedule B – Water Resources Details.

The Water Resources levies support three service lines (Wastewater Collection & Treatment, Water Treatment & Supply, and Stormwater Management). Details on these service lines can be found in Table 6 on page 8.

**Table 10:** Levies Reconciliation – Water Resources and Water Services

		Balance
Water, Wastewater and Stormwater		
Opening Balance on 2019 Jan 1	91,579,770	
Total Off-site Levy Collected		
Off-site Levy Collected Density Incentive (EARIB) program	2019	88,707,462 480,684
Investment Income Earned	2019	4,295,497
Off-site Levy Spent (including Financing Costs)	2019	(129,073,397)
Closing Balance of Levies on 2019 Dec 31		\$55,990,017

Table 11: 2019 Collection – Water Resources and Water Services

Greenfield	
Treatment Plants	
Water	8,981,871
Wastewater	40,533,124
Water Distribution	12,416,801
Wastewater Collection	16,996,182
Storm Sewer	
Bow River	526,145
Elbow River	0
Fish Creek	0
Nose Creek	2,215,238
Pine Creek	1,288,349
Shepard Wetlands	1,038,322
Total Greenfield Areas	\$83,996,032
Established Area	
Treatment Plants	
Water	852,479
Wastewater	3,858,951
Density Incentive Program	
Water	86,523
Wastewater	394,161
Total Established Areas	\$5,192,115
Total 2019 Collections	\$89,188,147

# **Community Services Summary**

The Community Services charges support the capital cost of new emergency response facilities, libraries, recreation facilities, and police stations.

The 2019 levy funded key activities within Community Services, including:

#### **Calgary Fire Department**

- **East Macleod Station** (\$2.2 million spent in 2019): Purchase of land for the future permanent East Macleod Station
- Varsity Multi-Service Station (\$0.8 million spent in 2019):
   \$0.8 million levy funds were utilized for the Fire Station component of this multi-use project.

#### **Calgary Police Service**

Customer Service Centre (\$3.5 million spent in 2019): \$3.5 million was spent on the new Arrest Processing Centre by Spy Hill Correctional Facility.

A total of \$8,052,312 was collected for community services (excluding police) in 2019, and the closing balance is \$151,532,810. This balance will help fund projects for 2020 and beyond. A total of \$931,869 was collected for police stations in 2019 and the closing balance is \$29,679,763. The Calgary Police Service have been accumulating the funds in capital deposits to pay for future planned police stations. Schedule C and E – Community Services Details shows project specific information.

The Community Services levies support four service lines (Fire & Emergency Response, Police Services, Recreation Opportunities and Library Services). Details on these service lines can be found in Table 6 on page 8.

 Table 12:
 Levies Balance - Community Services (Emergency Response Facilities, Calgary Public Library and Recreation Facilities Levy)

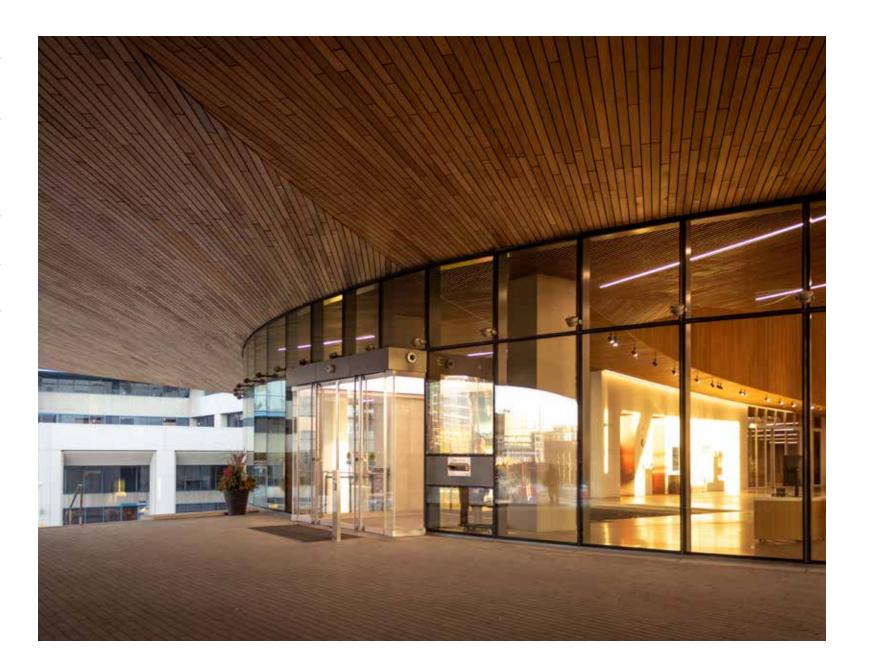
Department		Total	Fire	Recreation	Library
Opening Balance on 2019 Jan 1	01-Jan-19	146,530,435	52,542,134	75,337,958	18,650,343
Off-site Levy Collected	2019	8,052,312	2,315,934	5,019,062	717,316
Off-site Levy Spent	2019	(3,049,937)	(3,049,937)		
Closing Balance of Levies on 2019 Dec 31		\$151,532,810	\$51,808,131	\$80,357,020	\$19,367,658

Table 13: Levies Balance - Community Services (Police)

Opening Balance on 2019 Jan 1	01-Jan-19	32,203,651
Off-site Levy Collected	2019	931,869
Off-site Levy Spent	2019	(3,455,757)
Closing Balance of Levies on 2019 Dec 31		\$29,679,763

# Appendices

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Schedule B – Water Resources Details
Schedule C – Community Services Details (Emergency Response Facilities, Calgary Public Library and Recreation Facilities)
Schedule D – Community Services Details (Transit Buses)
Schedule E – Community Services Details  (Calgary Police Service)



**Appendix 1:** Map of Established Area and Greenfield Area (by Watershed) ESTABLISHED AREA 17 AV SE

#### **2016 Off-site Levy Rates**

#### Legend ESTABLISHED AREA CITY BOUNDARY **Greenfield Area** by Watershed 1 - NOSE CREEK 2 - SHEPARD 3 - BOW RIVER 4 - PINE CREEK 5 - FISH CREEK 6 - ELBOW RIVER

# Example – How to read Detailed Project Schedule

						Ci	ty Payment	s	Off-site Levy Payments				Levy Allocation			City Payments: Funding Source						
City Department	Program /Project #	Project Description	the Project	Indicate Y/N if the project was identified in the 5 yr Background Report	Total Budget of Project (\$)	City Portion of Budget (\$)	City Contribution to date (\$)	City Cost to Complete (\$)		Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete (\$)	2019 Levies Spent (\$)	Spent portion of project		Total Potential OSL Allowed	City front ended amount	to date-Grant	City Contribution to date-City/ Other Funding (\$)	to date	Complete -Grant	City Cost to Complete- City/Other Funding (\$)	Complete
Transportation Infrastructure	859-001	Airport Trail NE Phase 2	2 2019 to 2022	Υ	150,160,404	112,511,068	37,666,290	74,844,778	37,649,336	6,556,768	31,092,568	6,556,768	44,223,058	60%	90,096,242	(83,539,474)	23,508,525	14,157,764	37,666,290	52,424,772	22,420,005	74,844,778

A Total Budget of Project	Total Budget of Project (\$) = City Portion of Budget + Off-site Levy Portion of Budget  'In this example, Airport Trail NE has total budget of \$150,160,404. Out of \$150,160,404, the city portion of budget is \$112,511,068, and the OSL portion of budget is \$37,649,336.
B City Payments	City Portion of Budget (\$) = City Contribution to Date + City Cost to Complete  'Out of \$112,511,068, city has spent \$37,666,290, has additional \$74,844,778M remaining amount to spend to complete the project.
C Off-site Levy Payments	Off-site Levy Portion of Budget (\$) = Off-site Levy spent to date + Off-site Levy Cost to Complete  'In case of OSL, out of \$37,649,336 budget, \$6,556,768 has been spent so far and additional \$31,092,568 is remaining to complete the project.  2019 Levies Spent (\$) = Current year levy spent amount
D Spent portion of project	Spent Portion of Project (\$) = City Contribution to date + Off-site levy Spent to date  'So until now, \$44,223,058 has been spent on this project(= city spent amount \$37,666,290 + off-site levy spent \$6,556,768).
E Levy Allocation	Percent Allocatin to levies = Off-site Levy allowed %  'Based on the benefit allocation of the this capital project, the 60% of cost was OSL allowed amount.  Total Potencial OSL Allowed = Total budget * Percent allocation to levies  'The 60% of the total budget, \$150,160,404 becomes \$90,096,242.  City front Ended amount = Off-site Levy Spent to date - Total Potencial OSL Allowed  'The City frond ended amount is The different between Total OSL allowed (\$90,096,242) and the actual OSL spent to date (\$6,556,768).
F City Payments: Funding Source	This section is details of Section B, City Payments  City Contribution to date Total (\$) = City Contribution to date Grant Funding + City Contribution to date Other Funcing  City Cost to Complete Total (\$) = City Cost to Complete Grant Fundint + City Cost to Complete Other Funding

# Schedule A – Transportation Details

Table 16 shows the detailed projects and amounts of the Transportation off-site levies spent. The transportation department receives an investment income on the levies balance, and this income is credited back to the levies balance. The investment income is reported in Tables 9 and 10 to calculate the balance of the levies account.

**Table 14:** Transportation Projects

						Ci	ty Payments	5		y Payments				Levy Allocati	on	City Payments: Funding Source							
City Department	Program /Project #		Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identified in the 5 yr Background Report	Total Budget of Project (\$)	City Portion of Budget (\$)	City Contribution to date (\$)	City Cost to Complete (\$)	Off-site Levy Portion of Budget (\$)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete (\$)	2019 Levies Spent (\$)	Spent portion of project		Total Potential OSL Allowed	City front ended amount	City Contribution to date-Grant Funding (\$)	City Contribution to date-City/ Other Funding (\$)	City Contribution to date Total (\$)	City Cost to Complete -Grant Funding (\$)	City Cost to Complete- City/Other Funding (\$)	City Cost to Complete Total (\$)	
Roads	128-885	Bridge Rehabilitation and Protection (multiple projects 2011 to 2013)	2011 to 2013	N (complete- identified on prior levy)	26,717,000	26,202,000	26,202,000	-	515,000	515,000	-		26,717,000	76%	20,304,920	(19,789,920)	24,026,000	2,176,000	26,202,000	-	-	-	
Roads	129-204	Development of Access Roads (multiple projects 2011 to 2013)	2011 to 2013	N (complete- identified on prior levy)	19,090,000	4,564,000	4,564,000	-	14,526,000	14,526,000	-		19,090,000	76%	14,508,400	17,600	-	4,564,000	4,564,000	-	-	-	
Roads	129-175	Intersection Upgrades - Sherrif King	2014 to 2015	N (complete- identified on prior levy)	8,433,000	-	-	-	8,433,000	8,433,000	-		8,433,000	76%	6,409,080	2,023,920	-	-	-	-	-	-	
Roads	128-885	Bridge Rehabilitation and Protection (multiple projects 2014 to 2018)	2014 to 2015	N (identified on prior levy)	21,721,000	20,397,000	20,397,000	-	1,324,000	1,324,000	-		21,721,000	76%	16,507,960	(15,183,960)	15,697,000	4,700,000	20,397,000	-	-	-	
Roads	128-885	Bridge Rehabilitation and Protection (multiple projects 2014 to 2018)	2016 to 2018	N (identified on prior levy)	26,420,785	26,420,785	26,420,785	-	-	-	-		26,420,785	60%	15,852,471	(15,852,471)	21,352,010	5,068,775	26,420,785	-	-	-	
Roads	129-204	Development of Access Roads (multiple projects 2014 to 2018)	2014 to 2015	N (identified on prior levy)	10,227,000	5,116,000	5,116,000	-	5,111,000	5,111,000	-		10,227,000	76%	7,772,520	(2,661,520)	4,985,000	131,000	5,116,000	-	-	-	
Roads	129-204	Development of Access Roads (multiple projects 2014 to 2018)	2016 to 2018	N (identified on prior levy)	26,198,240	3,042,036	3,042,036	-	23,156,204	23,156,204	-		26,198,240	60%	15,718,944	7,437,260	2,692,497	349,539	3,042,036	-	-	-	
Roads	129-204	Development of Access Roads (multiple projects 2019 to 2022)		Υ	13,684,013	13,188,503	8,918,047	4,270,456	495,511	180,836	314,674	180,836	9,098,884	60%	8,210,408	(8,029,572)	6,039,671	2,878,377	8,918,047	396,832	3,873,623	4,270,456	
Roads	127-130	New Traffic Signals & Pedestrian Corridors (various location 2014 to 2018)	2014 to 2015	Υ	4,060,000	2,854,000	2,854,000	-	1,206,000	1,206,000	-		4,060,000	76%	3,085,600	(1,879,600)	2,499,000	355,000	2,854,000	-	-	-	

Table 14: Transportation Projects (continued)

						Ci	ity Payment:	5	Off-site Levy Payments						Levy Allocati	on	City Payments: Funding Source						
City Department	Program /Project #	Project Description	Start Date of the Project & Estimated Completion Date	if the project	Total Budget of Project (\$)	City Portion of Budget (\$)	City Contribution to date (\$)	City Cost to Complete (\$)	Off-site Levy Portion of Budget (\$)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete (\$)	2019 Levies Spent (\$)	Spent portion of project		Total Potential OSL Allowed	City front ended amount	City Contribution to date-Grant Funding (\$)		City Contribution to date Total (\$)	City Cost to Complete -Grant Funding (\$)	City Cost to Complete- City/Other Funding (\$)	City Cost to Complete Total (\$)	
Roads	127-130	New Traffic Signals & Pedestrian Corridors (various location 2014 to 2018)	2016 to 2018	Υ	9,666,752	5,185,840	5,185,840	-	4,480,912	4,480,912	-		9,666,752	60%	5,800,051	(1,319,139)	4,923,942	261,898	5,185,840			-	
Roads	127-130	New Traffic Signals & Pedestrian Corridors (various location 2019 to 2022)	2019 to 2022	Υ	13,274,832	12,861,928	1,933,171	10,928,757	412,904	-	412,904	-	1,933,171	60%	7,964,899	(7,964,899)	1,933,171	-	1,933,171	8,728,048	2,200,709	10,928,757	
Roads		Subdivision Construction (various locations 2014 to 2018)		N (identified on prior levy)	2,671,000	1,901,000	1,901,000	-	770,000	770,000	-		2,671,000	76%	2,029,960	(1,259,960)	1,901,000		1,901,000	-		-	
Roads		Subdivision Construction (various locations 2014 to 2018)		N (identified on prior levy)	4,729,716	1,509,672	1,509,672	-	3,220,044	3,220,044	-		4,729,716	60%	2,837,830	382,214	452,875	1,056,797	1,509,672			-	
Roads	A481352	RD-Dev Infrastructure-AD	2019 to 2022	Υ	34,269,000	25,224,000	1,467,589	23,756,411	9,045,000	1,899,321	7,145,679	1,899,321	3,366,910	60%	20,561,400	(18,662,079)	-	1,467,589	1,467,589	-	23,756,411	23,756,411	
Roads	A481353	RD-Dev Infrastructure-NC	2019 to 2022	Υ	12,285,900	9,285,900	-	9,285,900	3,000,000	-	3,000,000	-	-	60%	7,371,540	(7,371,540)	-	-	-	-	9,285,900	9,285,900	
Transportation Infrastructure	142-000	Top Lift Paving - Various Locations (2011 to 2013)	2011 to 2013	N (complete- identified on prior levy)	2,378,000	2,362,000	2,362,000	-	16,000	16,000	-		2,378,000	76%	1,807,280	(1,791,280)	2,362,000	-	2,362,000	-	-	-	
Transportation Infrastructure	147-000	Top Lift Paving - Various Locations (2014 to 2018)	2014 to 2015	N (complete- identified on prior levy)	3,271,000	2,269,000	2,269,000	-	1,002,000	1,002,000	-		3,271,000	76%	2,485,960	(1,483,960)	2,269,000	-	2,269,000	-	-	-	
Transportation Infrastructure	162-003	Beddington Tr: DFT - CHB	2005 to 2014	N (complete- identified on prior levy)	13,428,000	18,000	18,000	-	13,410,000	13,410,000	-		13,428,000	17%	2,282,760	11,127,240	-	18,000	18,000	-	-	-	
Transportation Infrastructure	211-002	Shaganappi Trail and Edgemont Boulevard CHB	2005 to 2013	N (complete- identified on prior levy)	25,874,000	7,673,000	7,673,000	-	18,201,000	18,201,000	-		25,874,000	17%	4,398,580	13,802,420	7,442,000	231,000	7,673,000	-	-	-	
Transportation Infrastructure	//1-000	Future Land (2011 to 2013)	2011 to 2013	N (complete- identified on prior levy)	6,034,000	6,034,000	6,034,000	-	-	-	-		6,034,000	76%	4,585,840	(4,585,840)	5,140,000	894,000	6,034,000	-	-	-	

Table 14: Transportation Projects (continued)

						Ci	ity Payment	s		Off-site Lev	y Payments				Levy Allocati	on	City Payments: Funding Source						
City Department	Program /Project #		Start Date of the Project & Estimated Completion Date	if the project	Total Budget of Project (\$)	City Portion of Budget (\$)	City Contribution to date (\$)	City Cost to Complete (\$)	Off-site Levy Portion of Budget (\$)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete (\$)	2019 Levies Spent (\$)	Spent portion of project	Percent allocation to levies	Total Potential OSL Allowed	City front ended amount	City Contribution to date-Grant Funding (\$)		City Contribution to date Total (\$)	City Cost to Complete -Grant Funding (\$)	City Cost to Complete- City/Other Funding (\$)	City Cost to Complete Total (\$)	
Transportation Infrastructure	223-000	Pedestrian Overpasses (multiple locations 2011 to 2013)		N (complete- identified on prior levy)	9,411,000	9,337,000	9,337,000	-	74,000	74,000	-		9,411,000	76%	7,152,360	(7,078,360)	9,124,000	213,000	9,337,000	-	-	-	
Transportation Infrastructure	223-000	Pedestrian Overpasses (multiple locations 2014 to 2015)		N (complete- identified on prior levy)	14,095,000	14,055,000	14,055,000	-	40,000	40,000	-		14,095,000	76%	10,712,200	(10,672,200)	10,959,000	3,096,000	14,055,000	-	-	-	
Transportation Infrastructure	543-001	Connectors/Improv - Prov Ring Rd Projects (2011 to 2013)	2011 to 2013	N (complete- identified on prior levy)	31,510,000	30,052,000	30,052,000	-	1,458,000	1,458,000	-		31,510,000	76%	23,947,600	(22,489,600)	30,018,000	34,000	30,052,000	-	-	-	
Transportation Infrastructure	715-C01	Beddington Tr/CHB Interchange	2006 to 2015	N (complete- identified on prior levy)	44,115,000	26,599,000	26,599,000	-	17,516,000	17,516,000	-		44,115,000	17%	7,499,550	10,016,450	24,712,000	1,887,000	26,599,000	-	-	-	
Transportation Infrastructure	763-001	Metis Tr: Airport Tr - NE Stoney Tr	2007 to 2013	N (complete- identified on prior levy)	58,964,000	-	-	-	58,964,000	58,964,000	-		58,964,000	0%	-	58,964,000	-	-	-	-	-	-	
Transportation Infrastructure	830-001	NE LRT Extension to Saddleridge	2008 to 2015	N (complete- identified on prior levy)	104,125,000	102,665,000	102,665,000	-	1,460,000	1,460,000	-		104,125,000	0%	-	1,460,000	102,665,000	-	102,665,000	-	-	-	
Transportation Infrastructure	830-002	Metis Tr/64 Av NE Interchange	2008 to 2015	N (complete- identified on prior levy)	10,866,000	10,785,000	10,785,000	-	81,000	81,000	-		10,866,000	76%	8,258,160	(8,177,160)	10,785,000	-	10,785,000	-	-	-	
Transportation Infrastructure	149-001	Glenmore Tr Widening (Crowchild Tr to 37 St SW)	2013 to 2015	Υ	1,351,000	818,000	818,000	-	533,000	533,000	-		1,351,000	17%	229,670	303,330	812,000	6,000	818,000	-	-	-	
Transportation Infrastructure	149-001	Glenmore Tr Widening (Crowchild Tr to 37 St SW)	2016 to 2018	Υ	-	(5,904)	(5,904)	-	5,904	5,904	-		(0)	15%	-	5,904	-	(5,904)	(5,904)	-	-	-	
Transportation Infrastructure	149-001	Glenmore Tr Widening (Crowchild Tr to 37 St SW)	2019 to 2022	Υ	39,730	94	50	43	39,637	-	39,637	-	50	15%	5,960	(5,960)	-	50	50	-	43	43	
Transportation Infrastructure	150-001	McKnight Widening (12-19 St NE)	2014 to 2015	N (identified on prior levy)	3,358,000	3,117,000	3,117,000	-	241,000	241,000	-		3,358,000	17%	570,860	(329,860)	3,117,000		3,117,000	-	-	-	
Transportation Infrastructure	150-001	McKnight Widening (12-19 St NE)	2016 to 2018	N (identified on prior levy)	13,574,015	8,137,914	8,137,914	-	5,436,101	5,436,101	-		13,574,015	15%	2,036,102	3,399,998	8,132,914	5,000	8,137,914	-	-	-	

Table 14: Transportation Projects (continued)

						Ci	ty Payments	;		Off-site Lev	y Payments				Levy Allocati	on		City Pa	yments: Fu	nding Sou	rce	
City Department	Program /Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identified in the 5 yr Background Report	Total Budget of Project (\$)	City Portion of Budget (\$)	City Contribution to date (\$)	City Cost to Complete (\$)	Off-site Levy Portion of Budget (\$)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete (\$)	2019 Levies Spent (\$)	Spent portion of project	Percent allocation to levies	Total Potential OSL Allowed	City front ended amount	City Contribution to date-Grant Funding (\$)	City Contribution to date-City/ Other Funding (\$)	City Contribution to date Total (\$)	City Cost to Complete -Grant Funding (\$)	City Cost to Complete- City/Other Funding (\$)	City Cost to Complete Total (\$)
Transportation Infrastructure	150-001	McKnight Widening (12-19 St NE)	2019 to 2022	N (identified on prior levy)	118,160	-	-	-	118,160	6,864	111,296	6,864	6,864	15%	17,724	(10,860)	-	-	-	-	-	-
Transportation Infrastructure	151-001	Glenmore/Ogden Interchange	2014 to 2015	Υ	20,739,000	16,873,000	16,873,000	-	3,866,000	3,866,000	-		20,739,000	17%	3,525,630	340,370	15,646,000	1,227,000	16,873,000			-
Transportation Infrastructure	151-001	Glenmore/Ogden Interchange	2016 to 2018	Υ	58,910,248	46,159,140	46,159,140	-	12,751,107	12,751,107	-		58,910,248	15%	8,836,537	3,914,570	44,659,524	1,499,616	46,159,140			-
Transportation Infrastructure	151-001	Glenmore/Ogden Interchange	2019 to 2022	Υ	3,852,568	3,097,674	167,475	2,930,199	754,894	31,076	723,818	31,076	198,551	15%	577,885	(546,809)	167,475	-	167,475	677,575	2,252,624	2,930,199
Transportation Infrastructure	221-000	Future Land (2014 to 2018)	2014 to 2015	Υ	5,211,000	296,000	296,000	-	4,915,000	4,915,000	-		5,211,000	76%	3,960,360	954,640	7,000	289,000	296,000	-	-	-
Transportation Infrastructure	221-000	Future Land (2014 to 2018)	2016 to 2018	Υ	22,114,166	10,345,124	10,345,124	-	11,769,042	11,769,042	-		22,114,166	60%	13,268,499	(1,499,458)	10,213,268	131,856	10,345,124			-
Transportation Infrastructure	221-000	Future Land (2014 to 2018)	2019 to 2022	Υ	46,478,304	6,089,876	1,152,279	4,937,597	40,388,428	5,811,731	34,576,697	5,811,731	6,964,010	60%	27,886,982	(22,075,251)	966,933	185,345	1,152,279	2,141,969	2,795,628	4,937,597
Transportation Infrastructure	223-000	Stadium Pedestrian Bridge	2019 to 2022	Υ	5,983,467	200,000	-	200,000	5,783,467	-	5,783,467		-	15%	897,520	(897,520)	-	-	-	200,000	-	200,000
Transportation Infrastructure	234-003	Operational Improvement Projects Southland/14 St	- 2019 to 2022	Υ	2,520,610	2,000,000	2,000,000	-	520,610	520,610	-	520,610	2,520,610	15%	378,091	142,518	1,500,000	500,000	2,000,000			-
Transportation Infrastructure	236-002	52 St E: Glenmore Tr - 130 Av S	2004 to 2015	Υ	112,633,000	107,901,000	107,901,000	-	4,732,000	4,732,000	-		112,633,000	17%	19,147,610	(14,415,610)	98,830,000	9,071,000	107,901,000		-	-
Transportation Infrastructure	236-002	52 St E: Glenmore Tr - 130 Av S	2016 to 2016	Υ	114,000	114,000	114,000	-	-	-	-		114,000	15%	17,100	(17,100)	-	114,000	114,000		-	-
Transportation Infrastructure	543-001	Connectors/Improv - Prov Ring Rd Projects (2014 to 2018)	2014 to 2015	Υ	17,841,000	13,227,000	13,227,000	-	4,614,000	4,614,000	-		17,841,000	76%	13,559,160	(8,945,160)	12,978,000	249,000	13,227,000	-	-	-
Transportation Infrastructure	543-001	Connectors/Improv - Prov Ring Rd Projects (2014 to 2018)	2016 to 2018	Υ	30,783,429	10,133,245	10,133,245	-	20,650,185	20,650,185	-		30,783,429	60%	18,470,058	2,180,127	9,419,245	714,000	10,133,245			-
Transportation Infrastructure	543-001	Connectors/Improv - Prov Ring Rd Projects (2014 to 2018)	2019 to 2022	Υ	9,737,517	2,965,681	1,339,573	1,626,108	6,771,836	(845,286)	7,617,122	(845,286)	494,287	60%	5,842,510	(6,687,796)	187,073	1,152,500	1,339,573	273,654	1,352,454	1,626,108
Transportation Infrastructure	555-001	Deerfoot & 212 Ave Ramps	2017 to 2018	Υ	13,286,726	8,842,039	8,842,039	-	4,444,687	4,444,687	-		13,286,726	60%	7,972,036	(3,527,348)	4,420,584	4,421,455	8,842,039	·		-

Table 14: Transportation Projects (continued)

						Ci	ty Payment	S		Off-site Lev	y Payments				Levy Allocati	on		City Pa	yments: Fu	ınding So <u>u</u>	rce	
City Department	Program /Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identified in the 5 yr Background Report	Total Budget of Project (\$)	City Portion of Budget (\$)	City Contribution to date (\$)	City Cost to Complete (\$)	Off-site Levy Portion of Budget (\$)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete (\$)	2019 Levies Spent (\$)	Spent portion of project	Percent allocation to levies	Total Potential OSL Allowed	City front ended amount	City Contribution to date-Grant Funding (\$)		City Contribution to date Total (\$)	City Cost to Complete -Grant Funding (\$)	City Cost to Complete- City/Other Funding (\$)	Complete
Transportation Infrastructure	555-001	Deerfoot & 212 Ave Ramps	2019 to 2022	Υ	25,713,274	17,158,831	9,030,015	8,128,817	8,554,443	4,626,672	3,927,771	4,626,672	13,656,687	60%	15,427,964	(10,801,292)	4,515,007	4,515,007	9,030,015	4,064,408	4,064,408	8,128,817
Transportation Infrastructure	558-001	44 St Expressway: 64 Av - 80 Av NE	2005 to 2015	N (identified on prior levy)	48,906,000	37,182,000	37,182,000	-	11,724,000	11,724,000	-		48,906,000	76%	37,168,560	(25,444,560)	37,150,000	32,000	37,182,000			-
Transportation Infrastructure	558-001	44 St Expressway: 64 Av - 80 Av NE	2016 to 2018	N (identified on prior levy)	1,674,911	465,655	465,655	-	1,209,256	1,209,256	-		1,674,911	60%	1,004,947	204,310	465,655	-	465,655			-
Transportation Infrastructure	558-001	44 St Expressway: 64 Av - 80 Av NE	2019 to 2022	N (identified on prior levy)	5,917	-	-	-	5,917	2,566	3,351	2,566	2,566	60%	3,550	(984)			-			-
Transportation Infrastructure	566-001	RouteAhead Rapid CT Corr. (eliminating Green Trip funding)	2015	Υ	2,665,000	2,665,000	2,665,000	-	-	-	-		2,665,000	17%	453,050	(453,050)	2,626,000	39,000	2,665,000	-	-	-
Transportation Infrastructure	566-001	RouteAhead Rapid CT Corr. (eliminating Green Trip funding)	2016 to 2018	Υ	114,682,737	114,682,737	114,682,737	-	-	-	-		114,682,737	15%	17,202,411	(17,202,411)	115,214,425	(531,688)	114,682,737			-
Transportation Infrastructure	567-001	61 Av&MacLeod Tr SW Ped O/P (only)	2015	Υ	669,000	669,000	669,000	-	-	-	-		669,000	17%	113,730	(113,730)	635,000	34,000	669,000	-	-	-
Transportation Infrastructure	567-001	61 Av&MacLeod Tr SW Ped O/P (only)	2016 to 2018	Υ	14,378,002	14,378,002	14,378,002	-	-	-	-		14,378,002	15%	2,156,700	(2,156,700)	11,508,002	2,870,000	14,378,002			-
Transportation Infrastructure	568-001	University of Calgary TOD	2016 to 2018	Υ	1,689,933	597,437	597,437	-	1,092,496	1,092,496	-		1,689,933	15%	253,490	839,006	597,437	-	597,437	-	-	-
Transportation Infrastructure	568-001	University of Calgary TOD	2019 to 2022	γ	26,319,192	4,695,507	2,025,541	2,669,967	21,623,684	211,354	21,412,330	211,354	2,236,895	15%	3,947,879	(3,736,524)	2,025,541	-	2,025,541	477,217	2,192,750	2,669,967
Transportation Infrastructure	570-001	Southwest & West Ring Road Connections	2015	γ	216,000	147,000	147,000	-	69,000	69,000	-		216,000	76%	164,160	(95,160)	147,000	-	147,000		-	-
Transportation Infrastructure	570-001	Southwest & West Ring Road Connections	2016 to 2018	Υ	60,374,107	38,180,884	38,180,884	-	22,193,223	22,193,223	-		60,374,107	60%	36,224,464	(14,031,241)	36,801,399	1,379,485	38,180,884		-	-
Transportation Infrastructure	570-001	Southwest & West Ring Road Connections	2019 to 2022	Υ	77,241,133	54,828,573	31,593,061	23,235,512	22,412,559	9,291,372	13,121,188	9,291,372	40,884,433	60%	46,344,680	(37,053,308)	30,827,298	765,764	31,593,061	23,112,065	123,447	23,235,512
Transportation Infrastructure	573-001	194 Ave S Slough Crossing & CPR Grade	2015	Υ	210,000	-	-	-	210,000	210,000	-		210,000	76%	159,600	50,400	-	-	-	-	-	-
Transportation Infrastructure	573-001	194 Ave S Slough Crossing & CPR Grade	2016 to 2018	Υ	54,933,387	16,767,245	16,767,245	-	38,166,142	38,166,142	-		54,933,387	60%	32,960,032	5,206,110	16,767,245	-	16,767,245		-	-

Table 14: Transportation Projects (continued)

						Ci	ty Payments	;		Off-site Lev	y Payments				Levy Allocati	on		City Pa	yments: Fu	nding Sou	rce	
City Department	Program /Project #	Project Description	Start Date of the Project & Estimated Completion Date	if the project	Total Budget of Project (\$)	City Portion of Budget (\$)	City Contribution to date (\$)	City Cost to Complete (\$)	Off-site Levy Portion of Budget (\$)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete (\$)	2019 Levies Spent (\$)	Spent portion of project	Percent allocation to levies	Total Potential OSL Allowed	City front ended amount	City Contribution to date-Grant Funding (\$)	City Contribution to date-City/ Other Funding (\$)	City Contribution to date Total (\$)	City Cost to Complete -Grant Funding (\$)	City Cost to Complete- City/Other Funding (\$)	City Cost to Complete Total (\$)
Transportation Infrastructure	573-001	194 Ave S Slough Crossing & CPR Grade	2019 to 2022	Υ	8,568,107	6,943,665	1,514,843	5,428,822	1,624,443	-	1,624,443	-	1,514,843	60%	5,140,864	(5,140,864)	1,482,246	32,597	1,514,843	5,249,419	179,403	5,428,822
Transportation Infrastructure	582-001	TCH / Sarcee Trail Interchange	2016 to 2018	N (Developer project with City contributing)	3,939,877	-	-	-	3,939,877	3,939,877	-		3,939,877	15%	590,982	3,348,895	-	-	-	-	-	-
Transportation Infrastructure		NE LRT Ext/Westwinds/ OBMF/36St McKnight Bv Interchange		N (used prior years levies towards interchanges)	276,985,000	235,424,000	235,424,000	-	41,561,000	41,561,000	-		276,985,000	0%	-	41,561,000	215,893,000	19,531,000	235,424,000	-		-
Transportation Infrastructure	723-001	Macleod Tr/Lake Fraser Gate	2006 to 2015	Υ	180,000	-	-	-	180,000	180,000	-		180,000	17%	30,600	149,400	-	-	-	-	-	-
Transportation Infrastructure	723-001	Macleod Tr/Lake Fraser Gate	2019 to 2022	Υ	2,120,376	2,099,723		2,099,723	20,653	-	20,653	-	-	15%	318,056	(318,056)	-	-	-	2,099,723	-	2,099,723
Transportation Infrastructure	724-001	TCH / Bowfort Rd Interchange	2007 to 2015	Υ	21,567,000	16,550,000	16,550,000	-	5,017,000	5,017,000	-		21,567,000	17%	3,666,390	1,350,610	16,547,000	3,000	16,550,000	-	-	-
Transportation Infrastructure	724-001	TCH / Bowfort Rd Interchange	2016 to 2018	Υ	41,064,601	26,438,074	26,438,074	-	14,626,526	14,626,526	-		41,064,601	15%	6,159,690	8,466,836	26,438,074	-	26,438,074	-	-	-
Transportation Infrastructure	724-001	TCH / Bowfort Rd Interchange	2019 to 2022	Υ	4,096,940	594,928	594,928	-	3,502,012	1,805,267	1,696,745	1,805,267	2,400,195	15%	614,541	1,190,726	-	594,928	594,928	-	-	-
Transportation Infrastructure	733-001	Macleod Tr/162 Av Interchange	2015	Υ	5,421,000	5,304,000	5,304,000	-	117,000	117,000	-		5,421,000	17%	921,570	(804,570)	5,304,000	-	5,304,000	-		-
Transportation Infrastructure	733-001	Macleod Tr/162 Av Interchange	2016 to 2018	Υ	65,020,007	63,561,267	63,561,267	-	1,458,741	1,458,741	-		65,020,007	15%	9,753,001	(8,294,261)	63,454,267	107,000	63,561,267			-
Transportation Infrastructure	733-001	Macleod Tr/162 Av Interchange	2019 to 2022	Υ	1,086,470	1,036,470	861,897	174,573	50,000	21,856	28,144	21,856	883,753	15%	162,970	(141,114)	861,897	-	861,897	174,573		174,573
Transportation Infrastructure	738-C01	West LRT	2007 to 2021	N (used prior years levies towards interchanges)	883,512,977	881,167,915	877,282,763	3,885,152	2,345,062	2,345,061.95	-	-	879,627,825	0%	-	2,345,062	867,009,634	10,273,129	877,282,763	3,883,984	1,168	3,885,152
Transportation Infrastructure	833-001	14 St - 90 Av SW Ped OP	2017 to 2018	N	517,433	264,765	264,765	-	252,668	252,668	-		517,433	0%	-	252,668	264,765	-	264,765	-	-	-
Transportation Infrastructure	833-001	14 St - 90 Av SW Ped OP	2019 to 2022	N	6,482,567	5,746,383	5,746,383	-	736,183	736,183	0	736,183	6,482,566	0%	-	736,183	5,746,383		5,746,383	-		-
Transportation Infrastructure	855-002	Airport Underpass: Airport Trail Underpass	2011 to 2015	Υ	247,404,000	217,743,000	217,743,000	-	29,660,000	29,660,000	-		247,403,000	76%	188,027,040	(158,367,040)	217,743,000	-	217,743,000	-	-	-

 Table 14: Transportation Projects (continued)

						Ci	ty Payments	S		Off-site Lev	y Payments				Levy Allocatio	o <b>n</b>		City Pa	yments: Fu	nding Sour	ce	
City Department	Program /Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identified in the 5 yr Background Report	Total Budget of Project (\$)	City Portion of Budget (\$)	City Contribution to date (\$)	City Cost to Complete (\$)	Off-site Levy Portion of Budget (\$)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete (\$)	2019 Levies Spent (\$)	Spent portion of project	Percent allocation to levies	Total Potential OSL Allowed	City front ended amount	City Contribution to date-Grant Funding (\$)	City Contribution to date-City/ Other Funding (\$)	City Contribution to date Total (\$)	-Grant	City Cost to Complete- City/Other Funding (\$)	City Cost to Complete Total (\$)
Transportation Infrastructure	855-002	Airport Underpass: Airport Trail Underpass	2016 to 2018	N (project was pulled from the OSL in 2016)	10,031,093	-	-	-	10,031,093	10,031,093	-		10,031,093	0%	-	10,031,093	-	-	-	-	-	-
Transportation Infrastructure	859-001	Airport Trail NE Phase 2	2018	Υ	3,189,596	2,688,932	2,688,932	-	500,664	500,664	-		3,189,596	60%	1,913,758	(1,413,094)	2,688,932		2,688,932			-
Transportation Infrastructure	859-001	Airport Trail NE Phase 2	2019 to 2022	Υ	150,160,404	112,511,068	37,666,290	74,844,778	37,649,336	6,556,768	31,092,568	6,556,768	44,223,058	60%	90,096,242	(83,539,474)	23,508,525	14,157,764	37,666,290	52,424,772	22,420,005	74,844,778
Transportation Infrastructure	862-001	Crowchild Tr Improvemnt	2017 to 2018	Υ	39,230,070	4,579,602	4,579,602	-	34,650,468	34,650,468	-		39,230,070	60%	23,538,042	11,112,426	4,579,602	-	4,579,602	-	-	-
Transportation Infrastructure	862-001	Crowchild Tr Improvemnt	2019 to 2022	Υ	30,770,358	23,461,347	22,461,470	999,877	7,309,012	982,189	6,326,823	982,189	23,443,659	60%	18,462,215	(17,480,026)	22,461,470	-	22,461,470	999,877		999,877
Transportation Infrastructure	863-001	Glenmore Tr & 68 St SE	2017 to 2018	Υ	75,000	-	-	-	75,000	75,000	-		75,000	15%	11,250	63,750	-	-	-	-	-	-
Transportation Infrastructure	A481405	194 AV S-MacLeod TR Improvs	2019 to 2022	Υ	4,000,000	1,588,000	-	1,588,000	2,412,000	-	2,412,000	-	-	60%	2,400,000	(2,400,000)	-	-	-	-	1,588,000	1,588,000
Transportation Infrastructure	A481406	Stoney Trail Improvments	2019 to 2022	Υ	105,435,000	40,648,500	31,823	40,616,677	64,786,500	1,400,732	63,385,768	1,400,732	1,432,555	60%	63,261,000	(61,860,268)	-	31,823	31,823	-	40,616,677	40,616,677
Transportation Infrastructure	A481407	144 AV NW at W Nose Creek	2019 to 2022	Υ	24,750,000	9,675,000	13,822	9,661,178	15,075,000	-	15,075,000	-	13,822	60%	14,850,000	(14,850,000)	-	13,822	13,822	-	9,661,178	9,661,178
Transportation Infrastructure	A481408	88 Street SE Extension	2019 to 2022	Υ	23,315,000	9,144,500	868,577	8,275,923	14,170,500	188,697	13,981,803	188,697	1,057,274	60%	13,989,000	(13,800,303)	-	868,577	868,577	-	8,275,923	8,275,923
REDS	697_G68	Glenmore Tr & 68 St SE	2018 to 2021	Υ	11,264,473	10,639,000	1,250,049	9,388,952	625,473	625,473	_		1,875,521	0%	16,897	608,576						
Total					3,326,031,118	2,590,140,555	2,341,207,135	248,933,420	735,889,563	502,055,683	233,833,880	33,428,809	2,843,262,818		992,775,893	(490,720,210)	2,236,297,985	103,659,101	2,339,957,087	104,904,115	134,640,353	239,544,468

#### Schedule B – Water Resources Details

Table 17 shows the detailed projects and amounts of off-site levies spent on Water Resources and Water Services (collectively, "Water") projects. Water uses debt financing to finance the majority of its projects, and uses levies to pay for the principal and interest payments on the debt-financed projects. Details on the debt financing program can be found in the 2M2016 Off-site Levy Bylaw Schedule C. Table 18 includes the principal totals for each project, and the total debt-financing costs for each sub-category of development (labelled as "Financing Costs" in Table 18).

**Table 15:** Water Resources – Water Projects

							City Payments			Off-s	site Levy Payme	ents			Levy A	Allocation
Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Water Distribution 2000-2015	892-000	Land Purchases-PS/ Reservoir	Completed	Υ	1,969,291	565,394	823,461	(258,066)	1,403,896	20%	395,075	1,008,822	132,299	1,218,535	100.0%	1,969,291
Water Distribution 2000-2015	892-000	Glendale Reservoir	Completed	Υ	2,911	836	1,217	(381)	2,075	20%	584	1,491	196	1,801	100.0%	2,911
Water Distribution 2000-2015	892-000	Spyhill East Reservoir	Completed	Υ	392,229	112,611	164,011	(51,400)	279,618	20%	78,688	200,930	26,350	242,699	100.0%	392,229
Water Distribution 2000-2015	892-000	Spyhill East Reservoir Construction	Completed	Υ	3,490,595	1,002,169	1,459,595	(457,426)	2,488,426	20%	700,276	1,788,150	234,501	2,159,871	100.0%	3,490,595
Water Distribution 2000-2015	892-000	Top Hill Reservoir	Completed	Υ	5,419,899	1,556,083	2,266,335	(710,253)	3,863,816	20%	1,087,329	2,776,488	364,114	3,353,664	100.0%	5,419,899
Water Distribution 2000-2015	892-000	Broadcast Hill Reservoir - Land	Completed	Υ	582,398	167,210	243,530	(76,321)	415,188	20%	116,839	298,349	39,126	360,370	100.0%	582,398
Water Distribution 2000-2015	892-000	Broadcast Hill Reservoir	Completed	Υ	6,378,731	1,831,369	2,667,272	(835,903)	4,547,362	20%	1,279,688	3,267,675	428,529	3,946,959	100.0%	6,378,731
Water Distribution 2000-2015	892-000	Lower Sarcee Reservoir Basin 2	Completed	Υ	5,790,440	1,662,467	2,421,277	(758,810)	4,127,973	20%	1,161,666	2,966,307	389,007	3,582,943	100.0%	5,790,440
Water Distribution 2000-2015	892-000	Mountview Pump Station	Completed	Υ	98,051	28,151	41,000	(12,849)	69,900	20%	19,671	50,229	6,587	60,671	100.0%	98,051
Water Distribution 2000-2015	892-000	Valley Ridge Pump Station	Completed	Υ	1,930,100	554,142	807,073	(252,931)	1,375,958	20%	387,213	988,745	129,666	1,194,286	100.0%	1,930,100
Water Distribution 2000-2015	892-000	Spyhill North Pump Station	Completed	Υ	5,622,999	1,614,394	2,351,262	(736,868)	4,008,605	20%	1,128,074	2,880,531	377,758	3,479,336	100.0%	5,622,999
Water Distribution 2000-2015	892-000	Royal Oak Pump Station	Completed	Υ	2,135,153	613,014	892,816	(279,802)	1,522,139	20%	428,350	1,093,789	143,442	1,321,166	100.0%	2,135,153
Water Distribution 2000-2015	892-000	Discovery Ridge Flow Control Station	Completed	Υ	587,811	168,764	245,794	(77,030)	419,047	20%	117,925	301,122	39,490	363,719	100.0%	587,811

<sup>&</sup>lt;sup>1</sup> Represents total project costs, actual (2000-2019) and forecasted (2020-2024) capital costs plus actual and forecasted financing costs for debt financed projects. Forecasted Costs are subject to changes depending on the timing and financing arrangements. <sup>2</sup> City Contributions to date are from Utility Rate Revenue and/or Drainage Fees.

<sup>3</sup> The Off-site levy portion of Total Costs for Wastewater Treatment Plants, include Pine Creek historical Costs deferred to Future Expansions. These costs, \$225 Million, were not included in the current Off-site Levy rates. 4 % of total costs allocated to Off-site levies.

**Table 15:** Water Resources – Water Projects (continued)

							City Payments			Off	-site Levy Payme	nts			Levy !	llocation
Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Water Distribution 2000-2015	892-000	Evergreen Ridge Pump Station	Completed	Υ	3,664,710	1,052,158	1,532,402	(480,243)	2,612,552	20%	735,206	1,877,345	246,199	2,267,608	100.0%	3,664,710
Water Distribution 2000-2015	892-000	Hillhurst Pump Station	Completed	Υ	820,685	235,623	343,170	(107,547)	585,062	20%	164,644	420,418	55,134	507,814	100.0%	820,685
Water Distribution 2000-2015	892-000	Deerfoot Trail Phase I	Completed	Υ	1,404,323	403,189	587,219	(184,030)	1,001,134	20%	281,732	719,402	94,344	868,951	100.0%	1,404,323
Water Distribution 2000-2015	892-000	Deerfoot Trail Phase II	Completed	Υ	412,043	118,300	172,296	(53,996)	293,743	20%	82,663	211,080	27,681	254,959	100.0%	412,043
Water Distribution 2000-2015	892-000	Cranston Feedermain Phase 1	Completed	Υ	2,787,617	800,340	1,165,644	(365,304)	1,987,277	20%	559,246	1,428,031	187,275	1,724,890	100.0%	2,787,617
Water Distribution 2000-2015	892-000	Falconridge Feedermain Phase 2	Completed	Υ	1,444,234	414,648	603,908	(189,260)	1,029,586	20%	289,739	739,847	97,025	893,647	100.0%	1,444,234
Water Distribution 2000-2015	892-000	Cranston Feedermain Phase 2	Completed	Υ	1,578,504	453,197	660,053	(206,856)	1,125,307	20%	316,676	808,631	106,045	976,729	100.0%	1,578,504
Water Distribution 2000-2015	892-000	Deerfoot Trail Phase 1	Completed	Υ	7,005,904	2,011,433	2,929,525	(918,091)	4,994,471	20%	1,405,510	3,588,961	470,663	4,335,034	100.0%	7,005,904
Water Distribution 2000-2015	892-000	NE TUC Feedermain	Completed	Υ	8,710,483	2,500,827	3,642,296	(1,141,468)	6,209,656	20%	1,747,479	4,462,177	585,178	5,389,774	100.0%	8,710,483
Water Distribution 2000-2015	892-000	ValleyRidge Feedermain Phase II	Completed	Υ	2,161,515	620,583	903,839	(283,256)	1,540,932	20%	433,639	1,107,294	145,213	1,337,478	100.0%	2,161,515
Water Distribution 2000-2015	892-000	Tuscany Feedermain Phase I	Completed	Υ	3,054,541	876,975	1,277,259	(400,283)	2,177,566	20%	612,796	1,564,770	205,207	1,890,054	100.0%	3,054,541
Water Distribution 2000-2015	892-000	Tuscany Feedermain Phase II	Completed	Υ	472,180	135,565	197,442	(61,877)	336,615	20%	94,728	241,887	31,721	292,170	100.0%	472,180
Water Distribution 2000-2015	892-000	Spyhill North Feedermain	Completed	Υ	3,479,155	998,884	1,454,812	(455,927)	2,480,271	20%	697,981	1,782,290	233,733	2,152,792	100.0%	3,479,155
Water Distribution 2000-2015	892-000	60 Street NE Feedermain Phase 1	Completed	Υ	135,719	38,966	56,751	(17,785)	96,753	20%	27,228	69,526	9,118	83,979	100.0%	135,719
Water Distribution 2000-2015	892-000	60 Street NE Feedermain Phase 2	Completed	Υ	778,581	223,535	325,564	(102,029)	555,046	20%	156,197	398,849	52,306	481,762	100.0%	778,581
Water Distribution 2000-2015	892-000	ValleyRidge Feedermain Phase 3	Completed	Υ	945,577	271,480	395,394	(123,913)	674,097	20%	189,700	484,397	63,525	585,093	100.0%	945,577

Represents total project costs, actual (2000-2019) and forecasted (2020-2024) capital costs plus actual and forecasted financing costs for debt financed projects. Forecasted Costs are subject to changes depending on the timing and financing arrangements. (2014) contributions to date are from Utility Rate Revenue and/or Drainage Fees.

The Off-site levy portion of Total Costs for Wastewater Treatment Plants, include Pine Creek historical Costs deferred to Future Expansions. These costs, \$225 Million, were not included in the current Off-site Levy rates. 4% of total costs allocated to Off-site levies.

							City Payments			Off	-site Levy Payme	nts			Levy A	Allocation
Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Water Distribution 2000-2015	892-000	Airdrie FM Tie-in and Meter Chamber Relocation	Completed	Υ	1,774,430	509,448	741,979	(232,531)	1,264,981	20%	355,982	908,999	119,208	1,097,962	100.0%	1,774,430
Water Distribution 2000-2015	892-000	60th St NE FM	Completed	Υ	6,253,743	1,795,484	2,615,008	(819,524)	4,458,259	20%	1,254,613	3,203,646	420,132	3,869,621	100.0%	6,253,743
Water Distribution 2000-2015	892-000	Research Park Feedermain Phase 1	Completed	Υ	667,707	191,702	279,202	(87,500)	476,005	20%	133,954	342,051	44,857	413,156	100.0%	667,707
Water Distribution 2000-2015	892-000	Artist View Park FM Ph 1	Completed	Υ	4,623,374	1,327,396	1,933,268	(605,872)	3,295,978	20%	927,531	2,368,446	310,603	2,860,799	100.0%	4,623,374
Water Distribution 2000-2015	892-000	Old Banff Coach Road Feedermain Phase 1	Completed	Υ	4,919,889	1,412,527	2,057,256	(644,729)	3,507,362	20%	987,018	2,520,344	330,523	3,044,273	100.0%	4,919,889
Water Distribution 2000-2015	892-000	Broadcast Hill S Feedermain Phase 1	Completed	Υ	79,184	22,734	33,111	(10,377)	56,450	20%	15,886	40,564	5,320	48,997	100.0%	79,184
Water Distribution 2000-2015	892-000	Lower Sarcee South Feedermain Phase 1	Completed	Υ	3,601,316	1,033,958	1,505,893	(471,936)	2,567,358	20%	722,488	1,844,870	241,940	2,228,382	100.0%	3,601,316
Water Distribution 2000-2015	892-000	Shaganappi Trail Feedermain Phase 1	Completed	Υ	4,902,020	1,407,397	2,049,784	(642,387)	3,494,623	20%	983,433	2,511,190	329,322	3,033,217	100.0%	4,902,020
Water Distribution 2000-2015	892-000	Country Hills Blvd NW Feedermain	Completed	Υ	1,265,739	363,401	529,270	(165,869)	902,338	20%	253,930	648,409	85,034	783,200	100.0%	1,265,739
Water Distribution 2000-2015	892-000	17 Ave SW Feedermain Phase 1	Completed	Υ	481,155	138,142	201,195	(63,053)	343,013	20%	96,528	246,484	32,324	297,724	100.0%	481,155
Water Distribution 2000-2015	892-000	Crestmont Extension	Completed	Υ	587,385	168,641	245,616	(76,974)	418,744	20%	117,840	300,904	39,461	363,455	100.0%	587,385
Water Distribution 2000-2015	892-000	69 Street 26 Avenue SW Feedermain	Completed	Υ	2,940,072	844,111	1,229,394	(385,283)	2,095,961	20%	589,831	1,506,130	197,517	1,819,225	100.0%	2,940,072
Water Distribution 2000-2015	892-000	Symons Valley TUC Crossing	Completed	Υ	2,348,706	674,326	982,113	(307,787)	1,674,380	20%	471,192	1,203,187	157,788	1,453,306	100.0%	2,348,706
Water Distribution 2000-2015	892-000	Symons Feedermain Phase 1	Completed	Υ	842,761	241,961	352,401	(110,440)	600,800	20%	169,073	431,727	56,617	521,474	100.0%	842,761
Water Distribution 2000-2015	892-000	Northridge Feedermain	Completed	Υ	352,064	101,080	147,216	(46,136)	250,984	20%	70,630	180,354	23,652	217,846	100.0%	352,064
Water Distribution 2000-2015	892-000	MacLeod Trail FM	Completed	Υ	9,282,639	2,665,097	3,881,543	(1,216,447)	6,617,543	20%	1,862,264	4,755,279	623,616	5,743,807	100.0%	9,282,639

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<sup>&</sup>lt;sup>3</sup> The Off-site levy portion of Total Costs for Wastewater Treatment Plants, include Pine Creek historical Costs deferred to Future Expansions. These costs, \$225 Million, were not included in the current Off-site Levy rates. <sup>4</sup> % of total costs allocated to Off-site levies.

**Table 15:** Water Resources – Water Projects (continued)

							City Payments			Off-	site Levy Payme	nts			Levy !	llocation
Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Water Distribution 2000-2015	892-000	Northridge FM Ph 1 & 2	Completed	Υ	46,498	13,350	19,443	(6,093)	33,148	20%	9,328	23,820	3,124	28,771	100.0%	46,498
Water Distribution 2000-2015	892-000	Old Banff Coach Rd FM Ph 2	Completed	Υ	3,777,010	1,084,400	1,579,360	(494,960)	2,692,610	20%	757,736	1,934,874	253,743	2,337,096	100.0%	3,777,010
Water Distribution 2000-2015	892-000	Old Banff Coach Rd FM Ph 3	Completed	Υ	3,091,777	887,666	1,292,829	(405,163)	2,204,111	20%	620,266	1,583,845	207,708	1,913,095	100.0%	3,091,777
Water Distribution 2000-2015	892-000	Shaganappi Tr FM Ph 2	Completed	Υ	8,138,324	2,336,558	3,403,047	(1,066,489)	5,801,767	20%	1,632,693	4,169,073	546,740	5,035,741	100.0%	8,138,324
Water Distribution 2000-2015	892-000	Graves Bridge Feedermain	Completed	Υ	2,436,391	1,133,724	1,018,779	114,945	1,302,667	20%	488,784	813,884	163,679	1,507,562	75.0%	1,827,293
Water Distribution 2000-2015	892-000	Cranston South FM	Completed	Υ	3,445,787	989,304	1,440,859	(451,554)	2,456,483	20%	691,287	1,765,196	231,491	2,132,145	100.0%	3,445,787
Water Distribution 2000-2015	892-000	Cranston South FM A	Completed	Υ	2,732,114	784,405	1,142,436	(358,031)	1,947,709	20%	548,111	1,399,598	183,546	1,690,547	100.0%	2,732,114
Water Distribution 2000-2015	892-000	Symons Valley FM	Completed	Υ	343,627	98,657	143,688	(45,031)	244,970	20%	68,938	176,032	23,085	212,626	100.0%	343,627
Water Distribution 2000-2015	892-000	Big Hill East Reservoir	Completed	Υ	8,337,038	2,393,609	3,486,139	(1,092,530)	5,943,429	20%	1,672,559	4,270,870	560,090	5,158,698	100.0%	8,337,038
Water Distribution 2000-2015	892-000	Crestmont Pump Station	Completed	Υ	8,633,485	2,478,721	3,610,099	(1,131,378)	6,154,764	20%	1,732,031	4,422,732	580,006	5,342,130	100.0%	8,633,485
Water Distribution 2000-2015	892-000	East McKenzie FM	Completed	Υ	23,427,984	13,227,877	9,796,431	3,431,446	10,200,107	20%	4,700,073	5,500,034	1,573,914	14,496,504	61.6%	14,422,267
Water Distribution 2000-2015	892-000	ValleyRidge FM Phase I	Completed	Υ	18,413,055	5,286,489	7,699,434	(2,412,945)	13,126,566	20%	3,693,988	9,432,578	1,237,006	11,393,422	100.0%	18,413,055
Water Distribution 2000-2015	892-000	Cranston Bow River Xing	Completed	Υ	12,761,175	3,663,803	5,336,096	(1,672,292)	9,097,371	20%	2,560,120	6,537,251	857,308	7,896,216	100.0%	12,761,175
Water Distribution 2000-2015	892-000	MacLeod Trail FM Ph 2	Completed	Υ	9,101,626	2,613,127	3,805,853	(1,192,726)	6,488,499	20%	1,825,949	4,662,550	611,456	5,631,802	100.0%	9,101,626
Water Distribution 2000-2015	892-000	Water FM under Graves Bridge	Completed	Υ	3,215,576	2,069,393	1,344,596	724,797	1,146,183	20%	645,102	501,081	216,025	1,989,698	50.0%	1,607,788
Water Distribution 2000-2015	892-000	210 Avenue SW	Completed	Υ	813,241	451,055	340,057	110,998	362,186	20%	163,151	199,035	54,634	503,208	62.0%	504,209

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**Table 15:** Water Resources – Water Projects (continued)

							City Payments			Off	-site Levy Payme	nts			Levy /	Allocation
Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Water Distribution 2000-2015	892-000	South Glenmore Reservoir Basin 2	Completed	Υ	751,467	215,750	314,227	(98,476)	535,717	20%	150,758	384,959	50,484	464,984	96.1%	722,105
Water Distribution 2000-2015	892-000	South Glenmore Res Basin 2	Completed	Υ	125,541	86,070	52,495	33,575	39,471	20%	25,186	14,285	8,434	77,681	44.1%	55,368
Water Distribution 2000-2015	892-000	Nose Hill Feedermain	Completed	Υ	219,847	203,436	91,929	111,507	16,411	20%	44,105	(27,694)	14,770	136,035	10.5%	23,020
Water Distribution 2000-2015	892-000	Lower Sarcee Feeder Main	Completed	Υ	36,891	20,428	15,426	5,002	16,463	20%	7,401	9,062	2,478	22,827	62.6%	23,094
Water Distribution 2000-2015	892-000	210 Ave SW Pump Station	Completed	Υ	46,944	26,563	19,630	6,933	20,381	20%	9,418	10,963	3,154	29,047	60.9%	28,589
Water Distribution 2000-2015	892-000	Northridge Reservoir	Completed	Υ	17,294	7,036	7,231	(195)	10,257	20%	3,469	6,788	1,162	10,701	83.2%	14,388
Water Distribution 2000-2015		Financing Costs			106,688,590	50,950,813	67,304,404	(16,353,591)	55,737,777	17%	18,660,960	37,076,817	6,248,998	85,965,364	54.5%	58,107,947
Total Water Distribution 2000-2015					334,779,845	124,951,949	162,680,951	(37,729,002)	209,827,896	19%	64,420,146	145,407,749	21,572,382	227,101,097		274,336,147
Water Distribution 2016-2024	892-000	Ogden Feedermain Phase 1	2016-2024	Υ	12,762,115	9,201,485	-	9,201,485	3,560,630	0%	24,761	3,535,869	8,292	24,761	27.9%	3,560,630
Water Distribution 2016-2024	892-000	Lower Sarcee Feedermain Phase 1	2016-2024	Υ	13,310,434	3,846,715	5,184	3,841,531	9,463,718	0%	25,825	9,437,894	8,648	31,009	71.1%	9,463,718
Water Distribution 2016-2024	892-000	210 Ave Pump Station	2016-2024	Υ	2,800,820	862,653	-	862,653	1,938,168	0%	5,434	1,932,733	1,820	5,434	69.2%	1,938,168
Water Distribution 2016-2024	892-000	210 Ave Feeder Main	2016-2024	Υ	13,206,659	4,067,651	1,163,816	2,903,836	9,139,008	0%	25,623	9,113,385	8,580	1,189,439	69.2%	9,139,008
Water Distribution 2016-2024	892-000	East McKenzie FM	2016-2024	Υ	801,103	562,375	3,228	559,147	238,729	0%	1,554	237,175	520	4,782	29.8%	238,729
Water Distribution 2016-2024	892-000	Northridge FM Ph 1 and 2	2016-2024	Υ	41,616,263	6,991,532	47,305	6,944,228	34,624,731	0%	80,743	34,543,987	27,038	128,048	83.2%	34,624,731
Water Distribution 2016-2024	892-000	Northridge Reservoir	2016-2024	Υ	2,632,571	442,272	70	442,202	2,190,299	0%	5,108	2,185,191	1,710	5,178	83.2%	2,190,299
Water Distribution 2016-2024	892-000	Northridge FM West Leg Phase 1 &2	2019-2024	Υ	6,969,146	1,170,816	-	1,170,816	5,798,329	0%	13,521	5,784,808	4,528	13,521	83.2%	5,798,329

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**Table 15:** Water Resources – Water Projects (continued)

							City Payments			Off-	site Levy Payme	nts			Levy /	Allocation
Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Water Distribution 2016-2024	892-000	Belvedere FM Ph 1	2019-2024	Υ	15,550,000	-	-	-	15,550,000	0%	30,170	15,519,830	10,103	30,170	100.0%	15,550,000
Water Distribution 2016-2024	892-000	Haskyne Feedermain	2019-2024	Υ	12,244,509	-	-	-	12,244,509	0%	23,757	12,220,752	7,955	23,757	100.0%	12,244,509
Water Distribution 2016-2024	892-000	Providence	2019-2024	Υ	8,738,209	-	-	-	8,738,209	0%	16,954	8,721,256	5,677	16,954	100.0%	8,738,209
Water Distribution 2016-2024	892-000	146th Ave Feedermain	2019-2024	Υ	-	-	-	-	-	0%	-	-	-	-	100.0%	-
Water Distribution 2016-2024	892-000	Westview Reservoir Land	2019-2024	Υ	1,100,000	-	-	-	1,100,000	0%	2,134	1,097,866	715	2,134	100.0%	1,100,000
Water Distribution 2016-2024	892-000	Providence Westview Resevoir	2019-2024	Υ	-	-	-	-	-	0%	-	-	-	-	100.0%	-
Water Distribution 2016-2024	892-000	Airdrie FM Tie-in and Meter Chamber Relocation	2016-2024	Υ	1,520,529	-	65,026	(65,026)	1,520,529	0%	2,950	1,517,579	988	67,976	100.0%	1,520,529
Water Distribution 2016-2024	892-000	Pump Station 36 Installation	2016-2024	Υ	524,774	88,162	5,750	82,412	436,612	0%	1,018	435,594	341	6,768	83.2%	436,612
Water Distribution 2016-2024	892-000	Redevelopment	2016-2024	Υ	13,196,973	13,196,973	1,966	13,195,007	-	0%	25,605	(25,605)	8,574	27,570	0%	-
Water Distribution 2016-2024	892-000	South Glenmore Reservoir Basin II	2016-2024	Υ	47,534	39,035	-	39,035	8,499	0%	92	8,407	31	92	18%	8,499
Water Distribution 2016-2024	892-000	Nose Hill Feedermain	2016-2024	Υ	110,700,235	99,108,813	248,227	98,860,586	11,591,422	0%	214,779	11,376,643	71,923	463,005	10%	11,591,422
Water Distribution 2016-2024	892-000	Country Hills Blvd Uptown Feedermain	2016-2024	Υ	-	-	-	-	-	0%	-	-	-	-	10%	-
Water Distribution 2016-2024		Financing Costs			168,725,600	103,771,396	188,243	103,583,153	64,954,204		614,300	64,339,905	205,711	802,542	38.5%	64,954,204
Total Water Distribution 2016-2024					426,447,473	243,349,877	1,728,813	241,621,064	183,097,597		1,114,327	181,983,269	373,155	2,843,140		183,097,597
Total Water Distribution					761,227,318	368,301,826	164,409,764	203,892,062	392,925,492		65,534,474	327,391,019	21,945,537	229,944,238		457,433,744

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Table 15: Water Resources – Water Projects (continued)

							City Payments			Off	-site Levy Payme	nts			Levy	Allocation
Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Wastewater Collection 2000-2015	895-000	New Areas	Completed	Υ	1,860,892	610,182	655,117	(44,935)	1,250,710	14%	262,707	988,003	110,178	917,824	100.0%	1,860,892
Wastewater Collection 2000-2015	895-000	New Areas	Completed	Υ	177,872	58,324	62,619	(4,295)	119,548	14%	25,111	94,438	10,531	87,730	100.0%	177,872
Wastewater Collection 2000-2015	895-000	McKenzie Trunk & PS	Completed	Υ	6,867,471	2,251,827	2,417,657	(165,830)	4,615,644	14%	969,499	3,646,145	406,603	3,387,156	100.0%	6,867,471
Wastewater Collection 2000-2015	895-000	Foothills Industrial	Completed	Υ	2,692	883	948	(65)	1,809	14%	380	1,429	159	1,328	100.0%	2,692
Wastewater Collection 2000-2015	895-000	SW Elbow Valley	Completed	Υ	2,571,647	843,237	905,335	(62,098)	1,728,410	14%	363,046	1,365,364	152,260	1,268,381	100.0%	2,571,647
Wastewater Collection 2000-2015	895-000	North Beddington	Completed	Υ	1,010,179	331,235	355,628	(24,393)	678,944	14%	142,610	536,334	59,810	498,238	100.0%	1,010,179
Wastewater Collection 2000-2015	895-000	Nose Creek V	Completed	Υ	5,362,560	1,758,370	1,887,861	(129,491)	3,604,190	14%	757,047	2,847,143	317,502	2,644,908	100.0%	5,362,560
Wastewater Collection 2000-2015	895-000	Dufferin Industrial Lift Station	Completed	Υ	1,577,493	517,256	555,348	(38,092)	1,060,237	14%	222,699	837,538	93,399	778,047	100.0%	1,577,493
Wastewater Collection 2000-2015	895-000	Beddington Creek II	Completed	Υ	8,856,443	2,904,006	3,117,864	(213,858)	5,952,437	14%	1,250,287	4,702,150	524,365	4,368,151	100.0%	8,856,443
Wastewater Collection 2000-2015	895-000	Midnapore Trunk	Completed	Υ	536,064	175,774	188,719	(12,944)	360,290	14%	75,678	284,612	31,739	264,396	100.0%	536,064
Wastewater Collection 2000-2015	895-000	Pine Creek Trunk I	Completed	Υ	23,941,504	7,850,361	8,428,481	(578,120)	16,091,144	14%	3,379,885	12,711,259	1,417,508	11,808,366	100.0%	23,941,504
Wastewater Collection 2000-2015	895-000	Fish Creek Forcemain	Completed	Υ	7,479,659	2,452,562	2,633,175	(180,613)	5,027,097	14%	1,055,923	3,971,174	442,849	3,689,098	100.0%	7,479,659

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Wastewater Collection 2000-2015	895-000	Nose Creek IV	Completed	Υ	2,832,473	928,761	997,157	(68,396)	1,903,712	14%	399,868	1,503,844	167,703	1,397,025	100.0%	2,832,473
Wastewater Collection 2000-2015	895-000	85 Street SW	Completed	Υ	1,948,558	638,927	685,980	(47,052)	1,309,631	14%	275,083	1,034,548	115,369	961,063	100.0%	1,948,558
Wastewater Collection 2000-2015	895-000	Great Plains Trunk	Completed	Υ	4,673,427	1,532,405	1,645,255	(112,850)	3,141,022	14%	659,760	2,481,262	276,700	2,305,015	100.0%	4,673,427
Wastewater Collection 2000-2015	895-000	Beddington Crk South Upgrade	Completed	Υ	7,674,253	2,516,369	2,701,681	(185,312)	5,157,884	14%	1,083,394	4,074,490	454,371	3,785,075	100.0%	7,674,253
Wastewater Collection 2000-2015	895-000	Fish Creek West and Anderson Sanitary Upgrades	Completed	Υ	847,179	277,788	298,245	(20,457)	569,391	14%	119,598	449,793	50,159	417,843	100.0%	847,179
Wastewater Collection 2000-2015	895-000	Nose Creek Trunk Upgrade (40%)	Completed	Υ	41,518,001	30,356,261	14,616,194	15,740,067	11,161,740	14%	5,861,205	5,300,535	2,458,162	20,477,399	40.0%	16,607,200
Wastewater Collection 2000-2015	895-000	North Ridge MacDonald Trunk	Completed	Υ	25,327,129	8,304,704	8,916,283	(611,579)	17,022,426	14%	3,575,497	13,446,929	1,499,547	12,491,780	100.0%	25,327,129
Wastewater Collection 2000-2015	895-000	Silverado-West Pine Creek Trunk	Completed	Υ	9,923,702	3,253,958	3,493,587	(239,630)	6,669,744	14%	1,400,955	5,268,789	587,554	4,894,542	100.0%	9,923,702
Wastewater Collection 2000-2015	895-000	South Cranston Syphon	Completed	Υ	20,970,620	6,876,215	7,382,597	(506,382)	14,094,405	14%	2,960,477	11,133,928	1,241,610	10,343,074	100.0%	20,970,620
Wastewater Collection 2000-2015	895-000	Saddle Ridge Sanitary Upgrade	Completed	Υ	491,615	219,584	173,070	46,514	272,030	14%	69,403	202,628	29,107	242,473	82.3%	404,745
Wastewater Collection 2000-2015	895-000	Valley Ridge Syhpon & Upgrade	Completed	Υ	24,260,145	17,738,024	8,540,657	9,197,367	6,522,121	14%	3,424,868	3,097,253	1,436,374	11,965,525	40.0%	9,704,058
Wastewater Collection 2000-2015	895-000	BB Trunk Upgrade S of Bow River (40%)	Completed	Υ	665,577	553,743	234,313	319,430	111,834	14%	93,961	17,873	39,407	328,274	25.0%	166,394

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**Table 15:** Water Resources – Water Projects (continued)

	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date		Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"		City Payments			Off	-site Levy Payme			Levy	y Allocation	
Infrastructure Type				Indicate  Y/N if the  project was  identify in  the 5 yr		City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Wastewater Collection 2000-2015	895-000	Trinity East Hills-CFA	Completed	Υ	4,962,737	1,627,269	1,747,105	(119,836)	3,335,468	14%	700,603	2,634,865	293,829	2,447,708	100.0%	4,962,737
Wastewater Collection 2000-2015	895-000	Mahogany Forcemain Ph 1	Completed	Υ	351,780	115,348	123,842	(8,494)	236,432	14%	49,662	186,770	20,828	173,504	100.0%	351,780
Wastewater Collection 2000-2015	895-000	North Beddington Ph 2	Completed	Υ	2,092,822	686,231	736,767	(50,536)	1,406,591	14%	295,449	1,111,142	123,910	1,032,216	100.0%	2,092,822
Wastewater Collection 2000-2015	895-000	Seton Trunk Ph 1	Completed	Υ	3,130,338	1,026,430	1,102,019	(75,589)	2,103,908	14%	441,918	1,661,990	185,338	1,543,937	100.0%	3,130,338
Wastewater Collection 2000-2015	895-000	BB Trunk Upgrade River Crossing	Completed	Υ	51,869	40,713	18,260	22,453	11,156	14%	7,322	3,833	3,071	25,583	32.0%	16,598
Wastewater Collection 2000-2015	895-000	Silverado - West Pine Creek Trunk Phase 2	Completed	Υ	1,566,069	513,510	551,326	(37,816)	1,052,559	14%	221,086	831,473	92,722	772,412	100.0%	1,566,069
Wastewater Collection 2000-2015	895-000	Beddington Creek II - East Leg	Completed	Υ	4,067,766	1,333,810	1,432,036	(98,225)	2,733,955	14%	574,257	2,159,698	240,841	2,006,293	100.0%	4,067,766
Wastewater Collection 2000-2015	895-000	Bowness Sanitary Sewer Upgrades	Completed	Υ	34,916,552	28,893,682	12,292,189	16,601,493	6,022,870	14%	4,929,261	1,093,609	2,067,309	17,221,450	25.7%	8,961,237
Wastewater Collection 2000-2015	895-000	Mahogany Lift Station, Forcemain, Trunk	Completed	Υ	10,943,995	3,588,509	3,852,776	(264,267)	7,355,486	14%	1,544,992	5,810,493	647,963	5,397,768	100.0%	10,943,995
Wastewater Collection 2000-2015	895-000	Nose Creek Trunk Upgrade	Completed	Υ	27,922,335	20,950,783	9,829,911	11,120,871	6,971,552	14%	3,941,869	3,029,683	1,653,202	13,771,780	37.1%	10,372,752
Wastewater Collection 2000-2015	895-000	144 Ave NE San Trunk	Completed	Υ	903,515	296,260	318,078	(21,817)	607,255	14%	127,552	479,703	53,495	445,629	100.0%	903,515
Wastewater Collection 2000-2015	895-000	North Beddington San Ph 2 CFA	Completed	Υ	561,638	184,160	197,722	(13,562)	377,478	14%	79,288	298,190	33,253	277,009	100.0%	561,638

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**Table 15:** Water Resources – Water Projects (continued)

						City Payments				Off-	site Levy Payme			Levy	Allocation	
Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Wastewater Collection 2000-2015	895-000	Inglewood Trunk Upgrade	Completed	Υ	940,311	639,525	331,032	308,493	300,787	14%	132,746	168,040	55,673	463,778	47.6%	447,531
Wastewater Collection 2000-2015	895-000	Forest Lawn LS Sewer Upgrading 1	Completed	Υ	19,952	19,952	7,024	12,928	-	14%	2,817	(2,817)	1,181	9,841	0.0%	-
Wastewater Collection 2000-2015	895-000	WS-Seton Trunk Ph 1	Completed	Υ	-	-	-	-	-	0%	-	-	-	-	0.0%	-
Wastewater Collection 2000-2015	895-000	Mahogany LS FM TRNK	Completed	Υ	-	-	-	-	-	0%	-	-	-	-	0.0%	-
Wastewater Collection 2000-2015	895-000	Trinity East Hills - CFA	Completed	Υ	-	-	-	-	-	0%	-	-	-	-	0.0%	-
Wastewater Collection 2000-2015		Financing Costs			102,577,360	48,586,099	38,592,843	9,993,256	53,991,261		23,322,734	30,668,527	9,781,447	61,915,577	55.5%	56,922,686
Wastewater Collection 2000-2015					396,386,192	201,453,037	142,026,701	59,426,336	194,933,155		64,800,494	130,132,661	27,177,028	206,827,195		266,625,679
Wastewater Collection 2016-2024	895-000	North Ridge Macdonald Trunk	2014-2016	Υ	41,765	-	-	-	41,765	1%	341	41,423	143	341	100.0%	41,765
Wastewater Collection 2016-2024	895-000	West Pine Creek Sanitary Trunk Ph 2	2015-2018	Υ	43,100,035	-	1,568,170	(1,568,170)	43,100,035	1%	352,067	42,747,967	147,655	1,920,238	100.0%	43,100,035
Wastewater Collection 2016-2024	895-000	Seton Tunnel Ph 1	2016-2018	Υ	57,866,405	-	83,254	(83,254)	57,866,405	1%	472,688	57,393,717	198,243	555,942	100.0%	57,866,405
Wastewater Collection 2016-2024	895-000	Seton Tunnel Ph 2	TBD	Υ	-	-	-	-	-	0%	-	-	-	-	100.0%	-
Wastewater Collection 2016-2024	895-000	144 Ave NE San Trunk	2015-2017	Υ	6,995,208	-	15,420	(15,420)	6,995,208	1%	57,141	6,938,067	23,965	72,561	100.0%	6,995,208

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**Table 15:** Water Resources – Water Projects (continued)

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			Start Date of the Project & Estimated Completion Date	Indicate I Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Wastewater Collection 2016-2024	895-000	North Beddington San Ph 2 CFA	2016-2017	Υ	4,564,396	-	20,470	(20,470)	4,564,396	1%	37,285	4,527,111	15,637	57,755	100.0%	4,564,396
Wastewater Collection 2016-2024	895-000	Beddington Creek II East Leg	2014-2015	Υ	39,586	-	-	-	39,586	1%	323	39,263	136	323	100.0%	39,586
Wastewater Collection 2016-2024	895-000	WS-Belvedere San Tr-East Basin	2016-2024	Υ	6,000,000	-	-	-	6,000,000	1%	49,012	5,950,988	20,555	49,012	100.0%	6,000,000
Wastewater Collection 2016-2024	895-000	Glacier Ridge Sanitary trunk Extension east basin	2015-2017	Υ	3,057,930	-	-	-	3,057,930	1%	24,979	3,032,951	10,476	24,979	100.0%	3,057,930
Wastewater Collection 2016-2024	895-000	Glacier Ridge Sanitary Trunk Phase 1	2014-2024	Υ	1,965,752	-	-	-	1,965,752	1%	16,057	1,949,695	6,734	16,057	100.0%	1,965,752
Wastewater Collection 2016-2024	895-000	WS-Haskayne Sanitary Trk	TBD	Υ	3,640,411	-	-	-	3,640,411	1%	29,737	3,610,674	12,472	29,737	100.0%	3,640,411
Wastewater Collection 2016-2024	895-000	Rangeview Sanitary Trunk Laterals	2014-2018	Υ	-	-	-	-	-	0%	-	-	-	-	100.0%	-
Wastewater Collection 2016-2024	895-000	Redevelopment	2014-2020	Υ	10,005,144	10,005,144	-	10,005,144	-	1%	81,728	(81,728)	34,276	81,728	0.0%	-
Wastewater Collection 2016-2024	895-000	Saddle Ridge Sanitary Upgrade	TBD	Υ	5,959,979	3,206,469	47,681	3,158,787	2,753,510	1%	48,685	2,704,825	20,418	96,366	46.2%	2,753,510
Wastewater Collection 2016-2024	895-000	Bowness Trunk Upgrade	2016-2018	Υ	3,516,419	2,925,977	336	2,925,641	590,442	1%	28,724	561,718	12,047	29,060	16.8%	590,442
Wastewater Collection 2016-2024	895-000	Shouldice Trunk Upgrade	2016-2018	Υ	9,800,000	9,106,552	-	9,106,552	693,448	1%	80,052	613,396	33,574	80,052	7.1%	693,448
Wastewater Collection 2016-2024	895-000	Nose Creek Trunk Upgrade	2017-2017	Υ	63,129,994	36,241,667	133,982	36,107,685	26,888,327	1%	515,684	26,372,643	216,276	649,666	42.6%	26,888,327

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**Table 15:** Water Resources – Water Projects (continued)

Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date			City Payments				Off	-site Levy Payme			Levy Allocation		
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Wastewater Collection 2016-2024	895-000	Inglewood Trunk Upgrade	TBD	Υ	111,311,680	88,069,801	35,962	88,033,839	23,241,879	1%	909,262	22,332,617	381,340	945,224	20.9%	23,241,879
Wastewater Collection 2016-2024	895-000	McKenzie Siphon Upgrade	TBD	Υ	-	-	-	-	-	0%	-	-	-	-	15.4%	-
Wastewater Collection 2016-2024	895-000	17th Ave Trunk Upgrade	TBD	Υ	5,957,429	5,957,429	127,666	5,829,763	-	1%	48,664	(48,664)	20,409	176,330	0.0%	-
Wastewater Collection 2016-2024	895-000	Beltline Trunk Upgrade	TBD	Υ	-	-	-	-	-	0%	-	-	-	-	0.0%	-
Wastewater Collection 2016-2024	895-000	Forest Lawn LS Sewer Upgrading 1			50,382	50,382	-	50,382	-	1%	412	(412)	173	412	0.0%	-
Wastewater Collection 2016-2024	895-000	Forest Lawn LS Sewer Upgrading 2			5,300,000	5,300,000	-	5,300,000	-	1%	43,294	(43,294)	18,157	43,294	0.0%	-
Wastewater Collection 2016-2024	895-000	Fish Creek West Sub Trunk	TBD	Υ	10,200,000	10,200,000	-	10,200,000	-	1%	83,320	(83,320)	34,944	83,320	0.0%	-
Wastewater Collection 2016-2024	895-000	Trinity East Hills - CFA	2017	Υ	-	-	-	-	-	0%	-	-	-	-	100.0%	-
Wastewater Collection 2016-2024	895-000	Mahogany LS FM TRNK	TBD	Υ	4,306	-	30	(30)	4,306	1%	35	4,271	15	65	100.0%	4,306
Wastewater Collection 2016-2024	895-000	Tsuu Tina Connection Upgrade	2021-2020	Υ	-	-	-	-	-	0%	-	-	-	-	0.0%	-
Wastewater Collection 2016-2024	895-000	Elbow Drive Trunk Upgrade 1	2021-2022	Υ	1,350,000	1,350,000	-	1,350,000	-	1%	11,028	(11,028)	4,625	11,028	0.0%	-
Wastewater Collection 2016-2024	895-000	Elbow Drive Trunk Upgrade 2	2021-2020	Υ	2,000,000	2,000,000	-	2,000,000	-	1%	16,337	(16,337)	6,852	16,337	0.0%	-

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Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Wastewater Collection 2016-2024	895-000	Penbrooke Trunk Upgrades	2021-2020	Υ	-	-	-	-	-	0%	-	-	-	-	0.0%	-
Wastewater Collection 2016-2024		Financing Costs	-		199,735,634	103,487,433	1,088,296	102,399,137	96,248,201		3,371,901	92,876,300	1,414,160	4,460,197	48.2%	96,248,201
Wastewater Collection 2016-2024					555,592,455	277,900,853	3,121,269	274,779,584	277,691,602		6,278,756	271,412,845	2,633,282	9,400,025		277,691,602
Total Wastewater Collection					951,978,647	479,353,890	145,147,970	334,205,920	472,624,757		71,079,250	401,545,507	29,810,310	216,227,220		544,317,281
Wastewater Treatment 2000-2015	894-000	Pine Creek WWTP	Completed	Υ	412,169,943	(258,397,513)	98,978,832	(357,376,345)	670,567,456	8%	32,678,180	637,889,276	15,969,685	131,657,012	100.0%	412,169,943
Wastewater Treatment 2000-2015	894-000	WWTP Expansion Land Purch	Completed	Υ	6,501,424	6,501,424	1,561,257	4,940,166	-	8%	515,454	(515,454)	251,900	2,076,711	100.0%	6,501,424
Wastewater Treatment 2000-2015	894-000	BB Struvite Recovery	Completed	Υ	443,914	443,914	106,602	337,312	-	8%	35,195	(35,195)	17,200	141,797	15.0%	66,587
Wastewater Treatment 2000-2015	894-000	BB Digester Gas Utilization	Completed	Υ	19,443,174	19,443,174	4,669,100	14,774,074	-	8%	1,541,518	(1,541,518)	753,333	6,210,618	49.7%	9,672,375
Wastewater Treatment 2000-2015	894-000	Pine Creek Gas Holder	Completed	Υ	1,440,104	(902,830)	345,828	(1,248,658)	2,342,935	8%	114,176	2,228,758	55,797	460,004	100.0%	1,440,104
Wastewater Treatment 2000-2015	894-000	Pine Creek Design	Completed	Υ	9,887,966	(6,198,962)	2,374,504	(8,573,466)	16,086,928	8%	783,950	15,302,978	383,113	3,158,455	100.0%	9,887,966
Wastewater Treatment 2000-2015	894-000	New Septage Facility	Completed	Υ	3,012,194	3,012,194	723,351	2,288,843	-	8%	238,817	(238,817)	116,709	962,167	20.0%	602,439
Wastewater Treatment 2000-2015	894-000	BB FOG Receiving Station	Completed	Υ	1,786,224	1,786,224	428,945	1,357,278	-	8%	141,618	(141,618)	69,208	570,563	22.1%	393,909

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**Table 15:** Water Resources – Water Projects (continued)

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Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Wastewater Treatment 2000-2015	894-000	BB Blower Upgrade	Completed	Υ	11,721,061	11,721,061	2,814,705	8,906,356	-	8%	929,284	(929,284)	454,137	3,743,989	66.7%	7,814,732
Wastewater Treatment 2000-2015	894-000	Twinning BBWWTP Sludge Line	Completed	Υ	13,024,628	13,024,628	3,127,745	9,896,883	-	8%	1,032,635	(1,032,635)	504,644	4,160,380	50.0%	6,512,314
Wastewater Treatment 2000-2015	894-000	Bonnybrook Capacity Improvements	Completed	Υ	2,310,904	2,310,904	554,942	1,755,962	-	8%	183,216	(183,216)	89,537	738,158	80.0%	1,848,723
Wastewater Treatment 2000-2015	894-000	BB Primary Clarifier #7	Completed	Υ	11,110	11,110	2,668	8,442	-	8%	881	(881)	430	3,549	100.0%	11,110
Wastewater Treatment 2000-2015	894-000	Pine Creek Construction	Completed	Υ	7,147,588	(4,480,965)	1,716,428	(6,197,392)	11,628,552	8%	566,684	11,061,868	276,936	2,283,112	97.8%	6,988,629
Wastewater Treatment 2000-2015	894-000	Fermenter / Digester at PCWWTP	Completed	Υ	2,986,277	(1,872,156)	717,127	(2,589,283)	4,858,433	8%	236,762	4,621,671	115,704	953,889	100.0%	2,986,277
Wastewater Treatment 2000-2015	894-000	BBWWTP Headworks Grit Removal (22%)	Completed	Υ	66,576,345	66,576,345	15,987,699	50,588,646	-	8%	5,278,390	(5,278,390)	2,579,526	21,266,089	20.0%	13,315,269
Wastewater Treatment 2000-2015	894-000	Effluent Filtration at Bonnybrook	Completed	Υ	819,801	819,801	196,868	622,933	-	8%	64,996	(64,996)	31,764	261,864	20.0%	163,960
Wastewater Treatment 2000-2015	894-000	Sewage Forcemain Flow Reversal & Condition Assess. (50%)	Completed	Υ	1,526,649	1,526,649	366,611	1,160,038	-	8%	121,038	(121,038)	59,151	487,648	75.0%	1,144,987
Wastewater Treatment 2000-2015	894-000	Shepard Lagoon - Dewatering	Completed	Υ	1,880,976	1,880,976	451,699	1,429,277	-	8%	149,130	(149,130)	72,879	600,829	20.0%	376,195
Wastewater Treatment 2000-2015	894-000	Major WWTP Expansion	Completed	Υ	701,132	701,132	168,370	532,762	-	8%	55,588	(55,588)	27,166	223,959	100.0%	701,132
Wastewater Treatment 2000-2015	894-000	New Septage Facility	Completed	Υ	6,126,245	6,126,245	1,471,162	4,655,084	-	8%	485,709	(485,709)	237,364	1,956,870	16.2%	992,452

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**Table 15:** Water Resources – Water Projects (continued)

							City Payments			Off	-site Levy Payme	nts			Levy /	Allocation
Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Wastewater Treatment 2000-2015	894-000	BBWWTP Plant D Expansion	Completed	Υ	20,985,143	(4,045,518)	5,039,390	(9,084,908)	25,030,661	8%	1,663,771	23,366,891	813,078	6,703,160	76.7%	16,097,019
Wastewater Treatment 2000-2015	894-000	Condition Assessment / Replacement Strategy	Completed	Υ	71,371	71,371	17,139	54,232	-	8%	5,659	(5,659)	2,765	22,798	77.0%	54,956
Wastewater Treatment 2000-2015	894-000	BBWWTP Headworks Grit Removal	Completed	Υ	15,879,501	15,879,501	3,813,317	12,066,185	-	8%	1,258,979	(1,258,979)	615,257	5,072,295	16.2%	2,572,479
Wastewater Treatment 2000-2015	894-000	Volatile Fatty Acid Project	Completed	Υ	204,762	204,762	49,172	155,590	-	8%	16,234	(16,234)	7,934	65,406	15.0%	30,714
Wastewater Treatment 2000-2015	894-000	Dewatering Facility	Completed	Υ	7,135,056	7,135,056	1,713,418	5,421,638	-	8%	565,691	(565,691)	276,451	2,279,109	24.6%	1,757,665
Wastewater Treatment 2000-2015	894-000	BBWWTP Capacity Upgrades	Completed	Υ	59,533,783	(24,886,466)	14,296,492	(39,182,958)	84,420,249	8%	4,720,033	79,700,216	2,306,660	19,016,525	71.8%	42,728,672
Wastewater Treatment 2000-2015	894-000	Pine Creek Equipment	Completed	Υ	886,179	(555,563)	212,808	(768,371)	1,441,742	8%	70,259	1,371,483	34,335	283,067	39.0%	345,610
Wastewater Treatment 2000-2015	894-000	Pine Creek Gas Holder	Completed	Υ	29,274	29,274	7,030	22,244	-	8%	2,321	(2,321)	1,134	9,351	80.0%	23,419
Wastewater Treatment 2000-2015	894-000	Pine Creek Projects	Completed	Υ	(30,049)	(30,049)	(7,216)	(22,833)	-	8%	(2,382)	2,382	(1,164)	(9,598)	77.0%	(23,138)
Wastewater Treatment 2000-2015	894-000	Bonnybrook Power Export	Completed	Υ	5,200	5,200	1,249	3,951	-	8%	412	(412)	201	1,661	77.0%	4,004
Wastewater Treatment 2000-2015	894-000	Bonnybrook Equipment	Completed	Υ	2,577,282	2,577,282	618,911	1,958,371	-	8%	204,335	(204,335)	99,858	823,246	77.0%	1,984,507
Wastewater Treatment 2000-2015	894-000	BB WWTP 13.2&5kV System Expansion	Completed	Υ	673,670	(422,337)	161,776	(584,112)	1,096,006	8%	53,411	1,042,596	26,102	215,186	76.6%	516,031

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**Table 15:** Water Resources – Water Projects (continued)

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Wastewater Treatment 2000-2015	894-000	Power Management System	Completed	Υ	277,864	(174,199)	66,727	(240,925)	452,063	8%	22,030	430,033	10,766	88,756	76.6%	212,844
Wastewater Treatment 2000-2015	894-000	600V System Upgrades	Completed	Υ	75,062	(47,058)	18,026	(65,084)	122,120	8%	5,951	116,169	2,908	23,977	22.2%	16,626
Wastewater Treatment 2000-2015	894-000	FC WWTP Capacity Assessment	Completed	Υ	711,893	(446,300)	170,955	(617,254)	1,158,193	8%	56,441	1,101,751	27,583	227,396	75.8%	539,615
Wastewater Treatment 2000-2015		Financing Costs			426,249,930	252,935,515	210,420,365	42,515,150	173,314,415		60,280,758	113,033,656	29,458,945	270,701,124	39.9%	170,039,273
Wastewater Treatment 2000-2015					1,104,783,579	112,263,827	373,363,999	(261,100,172)	992,519,752		114,077,123	878,442,629	55,748,996	487,441,122		720,490,823
Wastewater Treatment 2016-2024	894-000	BB WWTP Blower Upgrades	2013-2018	Υ	12,098,677	2,831,090	179,225	2,651,865	9,267,587	3%	338,526	8,929,060	165,436	517,752	76.6%	9,267,587
Wastewater Treatment 2016-2024	894-000	BB WWTP 13.2&5kV System Expansion	2015-2019	Υ	41,143,952	9,627,685	1,366,263	8,261,421	31,516,267	3%	1,151,226	30,365,041	562,599	2,517,489	76.6%	31,516,267
Wastewater Treatment 2016-2024	894-000	Bonnybrook Capacity Upgrade	2013-2020	Υ	57,643,017	13,488,466	925,236	12,563,230	44,154,551	3%	1,612,877	42,541,673	788,206	2,538,113	76.6%	44,154,551
Wastewater Treatment 2016-2024	894-000	BBWWTP Plant D Expansion	2013-2023	Υ	480,616,531	112,464,268	2,020,679	110,443,589	368,152,263	3%	13,447,865	354,704,398	6,571,913	15,468,544	76.6%	368,152,263
Wastewater Treatment 2016-2024	894-000	Power Management System	2015-2018	Υ	4,157,645	972,889	4,993	967,896	3,184,756	3%	116,333	3,068,423	56,851	121,326	76.6%	3,184,756
Wastewater Treatment 2016-2024	894-000	Power Distribution Upgrades	TBD	Υ	-	-	-	-	-	0%	-	-	-	-	38.3%	-
Wastewater Treatment 2016-2024	894-000	600V System Upgrades	2015-2019	Υ	14,357,471	8,858,560	56,221	8,802,339	5,498,911	3%	401,728	5,097,183	196,323	457,949	38.3%	5,498,911

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**Table 15:** Water Resources – Water Projects (continued)

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Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Wastewater Treatment 2016-2024	894-000	BB Struvite Recovery	TBD	Υ	15,500,000	13,125,400	-	13,125,400	2,374,600	3%	433,697	1,940,903	211,946	433,697	15.3%	2,374,600
Wastewater Treatment 2016-2024	894-000	BB Dewatering Building	2015-2018	Υ	84,593,529	52,194,207	2,642,507	49,551,700	32,399,322	3%	2,366,965	30,032,357	1,156,725	5,009,472	38.3%	32,399,322
Wastewater Treatment 2016-2024	894-000	BB Centrate / Supernatant Treatment	TBD	Υ	2,860,000	1,107,392	-	1,107,392	1,752,608	3%	80,024	1,672,584	39,107	80,024	61.3%	1,752,608
Wastewater Treatment 2016-2024	894-000	FC WWTP Capacity Assessment	2016-2017	Υ	299,033	72,366	6,722	65,644	226,667	3%	8,367	218,300	4,089	15,089	75.8%	226,667
Wastewater Treatment 2016-2024	894-000	Fish Creek WWTP Upgrade Project	TBD	Υ	40,944,531	9,908,576	-	9,908,576	31,035,954	3%	1,145,646	29,890,308	559,872	1,145,646	75.8%	31,035,954
Wastewater Treatment 2016-2024	894-000	Pine Creek WWTP Stage 2 Expansion	TBD	Υ	11,600,000	2,807,200	-	2,807,200	8,792,800	3%	324,573	8,468,227	158,618	324,573	75.8%	8,792,800
Wastewater Treatment 2016-2024	894-000	South Catchment Conveyance System Upgrades	TBD	Υ	5,700,000	1,379,400	-	1,379,400	4,320,600	3%	159,489	4,161,111	77,941	159,489	75.8%	4,320,600
Wastewater Treatment 2016-2024		Financing Costs			199,280,743	113,095,089	3,430,300	109,664,789	86,185,654		5,380,092	80,805,562	2,629,228	8,810,392	43.2%	86,185,654
Wastewater Treatment 2016-2024					970,795,128	341,932,588	10,632,146	331,300,443	628,862,540		26,967,409	601,895,131	13,178,856	37,599,554		628,862,540
Total Wastewater Treatment					2,075,578,707	454,196,415	383,996,145	70,200,270	1,621,382,292		141,044,532	1,480,337,760	68,927,852	525,040,677		1,349,353,363
Water Treatment Plants 2000-2015	891-000	Glenmore Water Treatment Plant (Program 300)	Completed	Υ	31,601,592	29,984,976	15,469,819	14,515,158	1,616,616	2%	593,161	1,023,455	154,664	16,062,979	24.0%	7,584,382
Water Treatment Plants 2000-2015	891-000	Glenmore Water Treatment Plant (Program 301)	Completed	Υ	22,614,575	21,457,701	11,070,435	10,387,265	1,156,874	2%	424,475	732,400	110,680	11,494,910	24.0%	5,427,498

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**Table 15:** Water Resources – Water Projects (continued)

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Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Water Treatment Plants 2000-2015	891-000	Bearspaw Water Treatment Plant (Program 302)	Completed	Υ	10,115,576	9,598,102	4,951,843	4,646,259	517,474	2%	189,869	327,605	49,507	5,141,712	24.0%	2,427,738
Water Treatment Plants 2000-2015	891-000	Water Treatment Plant Master Planning	Completed	Υ	554,241	465,638	271,316	194,323	88,603	2%	10,403	78,199	2,713	281,719	75.0%	415,681
Water Treatment Plants 2000-2015	891-000	Glenmore Dam - Crest Stop Logs	Completed	Υ	546,222	534,579	267,390	267,189	11,643	2%	10,253	1,390	2,673	277,643	10.0%	54,622
Water Treatment Plants 2000-2015	891-000	Glenmore Space Planning 2012-14	Completed	Υ	250,273	238,537	122,515	116,022	11,736	2%	4,698	7,038	1,225	127,213	22.0%	55,060
Water Treatment Plants 2000-2015	891-000	BBWTP Residual Management System	Completed	Υ	602,486	571,665	294,933	276,732	30,821	2%	11,309	19,512	2,949	306,241	24.0%	144,597
Water Treatment Plants 2000-2015	891-000	Bearspaw Yard Piping	Completed	Υ	7,923,835	7,518,482	3,878,928	3,639,554	405,353	2%	148,730	256,623	38,781	4,027,658	24.0%	1,901,720
Water Treatment Plants 2000-2015	891-000	Glenmore Bearspaw Upgrade (Program 304)	Completed	Υ	302,110,529	286,655,720	147,891,130	138,764,590	15,454,809	2%	5,670,603	9,784,207	1,478,582	153,561,732	24.0%	72,506,527
Water Treatment Plants 2000-2015	891-000	Chemical System	Completed	Υ	4,557,056	4,323,935	2,230,800	2,093,135	233,121	2%	85,536	147,586	22,303	2,316,336	24.0%	1,093,694
Water Treatment Plants 2000-2015	891-000	Sodium Hypochloride System	Completed	Υ	1,265,930	1,201,170	619,706	581,464	64,760	2%	23,761	40,999	6,196	643,468	24.0%	303,823
Water Treatment Plants 2000-2015	891-000	Pre Treatment / Residuals Facility- Glenmore	Completed	Υ	135,519,016	128,586,385	66,340,158	62,246,227	6,932,630	2%	2,543,687	4,388,944	663,254	68,883,845	24.0%	32,524,564
Water Treatment Plants 2000-2015	891-000	Glenmore Site Work & Serv	Completed	Υ	12,792,720	12,138,293	6,262,376	5,875,917	654,426	2%	240,119	414,307	62,610	6,502,495	24.0%	3,070,253
Water Treatment Plants 2000-2015	891-000	BBWTP Residual Management System	Completed	Υ	108,052	102,524	52,894	49,630	5,528	2%	2,028	3,499	529	54,922	24.0%	25,932
Water Treatment Plants 2000-2015	891-000	BP Actiflo Air Scour Upgrade	Completed	Υ	6,066,123	5,530,822	2,969,529	2,561,294	535,301	2%	113,861	421,440	29,689	3,083,389	41.4%	2,511,375
Water Treatment Plants 2000-2015	891-000	Bearspaw RTF Fourth Thickener	Completed	Υ	142,528	132,835	69,771	63,064	9,693	2%	2,675	7,018	698	72,447	31.9%	45,476
Water Treatment Plants 2000-2015	891-000	Sodium Hypochlorite Bearspaw	Completed	Υ	19,353,112	18,949,582	9,473,863	9,475,719	403,531	2%	363,257	40,274	94,718	9,837,120	9.8%	1,893,172
Water Treatment Plants 2000-2015	891-000	BP Raw I Pump Station Upgrade	Completed	Υ	1,672,980	1,602,922	818,968	783,954	70,058	2%	31,402	38,656	8,188	850,370	19.6%	328,679

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Water Treatment Plants 2000-2015	891-000	Bearspaw Electrical Distribution Center	Completed	Υ	823,616	794,474	403,182	391,292	29,142	2%	15,459	13,683	4,031	418,641	16.6%	136,720
Water Treatment Plants 2000-2015	891-000	Pre Treatment / Residuals Facility- Glenmore	Completed	Υ	28,273	27,074	13,841	13,234	1,199	2%	531	669	138	14,371	19.9%	5,626
Water Treatment Plants 2000-2015	891-000	Pre Treatment Stage I & II	Completed	Υ	4,445,259	4,217,857	2,176,072	2,041,784	227,402	2%	83,437	143,965	21,756	2,259,510	24.0%	1,066,862
Water Treatment Plants 2000-2015	891-000	Glenmore Dam Infrastructure Improvements	Completed	Υ	469,740	461,429	229,950	231,479	8,310	2%	8,817	(507)	2,299	238,767	8.3%	38,988
Water Treatment Plants 2000-2015	891-000	Glenmore UV Disinfection	Completed	Υ	113,298	95,186	55,462	39,723	18,112	2%	2,127	15,986	554	57,589	75.0%	84,973
Water Treatment Plants 2000-2015	891-000	Bearspaw UV Disinfection	Completed	Υ	871,420	732,683	426,583	306,100	138,737	2%	16,357	122,380	4,265	442,940	74.7%	650,887
Water Treatment Plants 2000-2015		Financing Costs			293,391,472	274,912,918	199,607,082	75,305,836	18,478,554		11,669,224	6,809,330	3,042,694	211,276,306	7.0%	20,410,577
Water Treatment Plants 2000-2015					857,939,923	810,835,490	475,968,546	334,866,944	47,104,434		22,265,776	24,838,658	5,805,693	498,234,322		154,709,427
Water Treatment Plants 2016-2024	891-000	GM WTP Capacity Expansion	TBD	Υ	-	-	-	-	-	0%	-	-	-	-	80.1%	-
Water Treatment Plants 2016-2024	891-000	BPWTP Capacity Upgrades	2017-2018	Υ	7,744,719	1,533,454	176,879	1,356,575	6,211,264	1%	61,440	6,149,824	16,020	238,319	80.2%	6,211,264
Water Treatment Plants 2016-2024	891-000	Bearspaw RTF Fourth Thickener	2016-2017	Υ	2,037,098	1,710,755	-	1,710,755	326,343	1%	16,161	310,182	4,214	16,161	16.0%	326,343
Water Treatment Plants 2016-2024	891-000	Glenmore UV Disinfection	TBD	Υ	-	-	-	-	-	0%	-	-	-	-	80.1%	-
Water Treatment Plants 2016-2024	891-000	Bearspaw UV Disinfection	TBD	Υ	-	-	-	-	-	0%	-	-	-	-	80.2%	-
Water Treatment Plants 2016-2024		Financing Costs			3,275,001	1,743,839	106,816	1,637,023	1,531,162		26,828	1,504,334	6,995	133,644	46.8%	1,531,162
Water Treatment Plants 2016-2024					13,056,817	4,988,048	283,695	4,704,353	8,068,769	2%	104,429	7,964,341	27,229	388,124		8,068,769
Total Water Treatment Plants					870,996,741	815,823,538	476,252,241	339,571,297	55,173,203		22,370,205	32,802,998	5,832,922	498,622,446		162,778,197

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							City Payments			0ff-	site Levy Payme	nts			Levy A	llocation
Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Total Water and Wastewater					4,659,781,413	2,117,675,669	1,169,806,120	947,869,549	2,542,105,744		300,028,461	2,242,077,283	126,516,621	1,469,834,580		2,513,882,584
Shepard Wetlands 2000-2015	897-000	Ellison Park 68 Street SE Pond Expansion	Completed	Υ	5,885,182	-	1,183,648	(1,183,648)	5,885,182	58%	3,397,010	2,488,172	49,783	4,580,657	100.0%	5,885,182
Shepard Wetlands 2000-2015	897-000	Great Plains Storm	Completed	Υ	10,403,685	-	2,092,424	(2,092,424)	10,403,685	58%	6,005,153	4,398,532	88,004	8,097,577	100.0%	10,403,685
Shepard Wetlands 2000-2015	897-000	60th street wet pond	Completed	Υ	3,724,620	-	749,108	(749,108)	3,724,620	58%	2,149,903	1,574,717	31,506	2,899,011	100.0%	3,724,620
Shepard Wetlands 2000-2015	897-000	Mahogany Storm Trunk	Completed	Υ	7,783,600	-	1,565,464	(1,565,464)	7,783,600	58%	4,492,803	3,290,797	65,841	6,058,267	100.0%	7,783,600
Shepard Wetlands 2000-2015	897-000	Shepard Wetland Projects	Completed	Υ	90,481,854	-	18,198,014	(18,198,014)	90,481,854	58%	52,227,394	38,254,460	765,382	70,425,408	100.0%	90,481,854
Shepard Wetlands 2000-2015	897-000	114 Ave Channel X-ing	Completed	Υ	2,325,496	-	467,712	(467,712)	2,325,496	58%	1,342,309	983,187	19,671	1,810,021	100.0%	2,325,496
Shepard Wetlands 2000-2015	897-000	FL Ck Diversion to Shepard	Completed	Υ	1,537,381	-	309,203	(309,203)	1,537,381	58%	887,398	649,983	13,005	1,196,601	100.0%	1,537,381
Shepard Wetlands 2000-2015	897-000	114 Ave SE Storm Trunk	Completed	Υ	4,549,429	-	914,996	(914,996)	4,549,429	58%	2,625,994	1,923,435	38,483	3,540,990	100.0%	4,549,429
Shepard Wetlands 2000-2015	897-000	130 Ave SE Storm Trunk	Completed	Υ	9,312,536	-	1,872,968	(1,872,968)	9,312,536	58%	5,375,326	3,937,210	78,774	7,248,294	100.0%	9,312,536
Shepard Wetlands 2000-2015	897-000	Shepard WLands Restoration	Completed	Υ	613,768	-	123,443	(123,443)	613,768	58%	354,276	259,493	5,192	477,719	100.0%	613,768
Shepard Wetlands 2000-2015	897-000	Trinity East Hills (CFA)	Completed	Υ	1,481,534	-	297,971	(297,971)	1,481,534	58%	855,162	626,372	12,532	1,153,133	100.0%	1,481,534
Shepard Wetlands 2000-2015	897-000	Forest Lawn Creek	Completed	Υ	377,373	-	75,899	(75,899)	377,373	58%	217,825	159,548	3,192	293,724	100.0%	377,373
Shepard Wetlands 2000-2015	897-000	Master Drainage Plans	Completed	Υ	29,107	-	5,854	(5,854)	29,107	58%	16,801	12,306	246	22,655	100.0%	29,107
Shepard Wetlands 2000-2015	897-000	Trinity East Hills - CFA	Completed	Υ	-	-	-	-	-	0%	-	-	-	-	100.0%	-
Shepard Wetlands 2000-2015	897-000	Mahogany Storm Trunk	Completed	Υ	-	-	-	-	-	0%	-	-	-	-	100.0%	-

Represents total project costs, actual (2000-2019) and forecasted (2020-2024) capital costs plus actual and forecasted financing costs for debt financed projects. Forecasted Costs are subject to changes depending on the timing and financing arrangements. City Contributions to date are from Utility Rate Revenue and/or Drainage Fees.

<sup>&</sup>lt;sup>3</sup> The Off-site levy portion of Total Costs for Wastewater Treatment Plants, include Pine Creek historical Costs deferred to Future Expansions. These costs, \$225 Million, were not included in the current Off-site Levy rates. <sup>4</sup> % of total costs allocated to Off-site levies.

**Table 15:** Water Resources – Water Projects (continued)

							City Payments			Off-	site Levy Payme	nts			Levy A	Allocation
Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Shepard Wetlands 2000-2015	897-000	114 Ave SE Storm Trunk	Completed	Υ	-	-	-	-	-	0%	-	-	-	-	100.0%	-
Shepard Wetlands 2000-2015	897-000	Great Plains Storm	Completed	Υ	-	-	-	-	-	0%	-	-	-	-	100.0%	-
Shepard Wetlands 2000-2015		Financing Costs			32,959,950	-	6,708,705	(6,708,705)	32,959,950		19,253,647	13,706,303	282,158	25,962,352	100%	32,959,950
Shepard Wetlands 2000-2015					171,465,516	-	34,565,409	(34,565,409)	171,465,516		99,201,001	72,264,515	1,453,771	133,766,410		171,465,516
Shepard Wetlands 2016-2024	897-000	Shepard Wetland Projects	2017	Υ	2,976	-	-	-	2,976	0%	-	2,976	-	-	100.0%	2,976
Shepard Wetlands 2016-2024	897-000	Shepard land purchase	2017	Υ	798,532	-	-	-	798,532	0%	-	798,532	-	-	100.0%	798,532
Shepard Wetlands 2016-2024		Financing Costs			-		-	-	-		-	-	-	-	0.0%	-
Shepard Wetlands 2016-2024					801,507	-	-	-	801,507		-	801,507	-	-		801,507
Total Shepard Wetlands					172,267,023	-	34,565,409	(34,565,409)	172,267,023		99,201,001	73,066,023	1,453,771	133,766,410		172,267,023
Pine Creek 2000-2015	897-000	Master Drainage Plans	Completed	Υ	5,821	-	-	-	5,821	0%	-	5,821	-	-	100.0%	5,821
Pine Creek 2000-2015		Financing Costs			-	-	-	-	-	0%	-	-	-	-	0%	-
Pine Creek 2000-2015					5,821	-	-	-	5,821		-	5,821	-	-		5,821
Pine Creek 2016-2024	897-000	Priddis Storm Trunk Outfall	2016-2020	Υ	15,481,931	-	11,076	(11,076)	15,481,931	3%	483,706	14,998,225	126,824	494,782	100.0%	15,481,931
Pine Creek 2016-2024		Financing Costs			11,042,860	-	-	-	11,042,860		-	11,042,860	151,169	-	100.0%	11,042,860
Pine Creek 2016-2024					26,524,791	-	11,076	(11,076)	26,524,791	3%	483,706	26,041,085	277,993	494,782		26,524,791
Total Pine Creek					26,530,612	-	11,076	(11,076)	26,530,612		483,706	26,046,907	277,993	494,782		26,530,612

<sup>1</sup> Represents total project costs, actual (2000-2019) and forecasted (2020-2024) capital costs plus actual and forecasted financing costs for debt financed projects. Forecasted Costs are subject to changes depending on the timing and financing arrangements. 2 City Contributions to date are from Utility Rate Revenue and/or Drainage Fees.

<sup>&</sup>lt;sup>3</sup> The Off-site levy portion of Total Costs for Wastewater Treatment Plants, include Pine Creek historical Costs deferred to Future Expansions. These costs, \$225 Million, were not included in the current Off-site Levy rates. <sup>4</sup> % of total costs allocated to Off-site levies.

**Table 15:** Water Resources – Water Projects (continued)

							City Payments			Off	-site Levy Payme	nts			Levy I	llocation
Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OS Amount
Nose Creek 2000-2015	897-000	Master Drainage Plans	Completed	Υ	660,517	-	33,364	(33,364)	660,517	75%	493,245	167,273	22,994	526,609	100.0%	660,51
Nose Creek 2000-2015	897-000	Skyview Ranch	Completed	Υ	1,018,918	-	51,468	(51,468)	1,018,918	75%	760,882	258,036	35,470	812,350	100.0%	1,018,91
Nose Creek 2000-2015	897-000	West Symons Valley Bioengineering	Completed	Υ	963,593	-	48,673	(48,673)	963,593	75%	719,568	244,025	33,544	768,241	100.0%	963,59
Nose Creek 2000-2015	897-000	N. Ridge MacDonald Trunk	Completed	Υ	11,735,631	-	592,792	(592,792)	11,735,631	75%	8,763,644	2,971,987	408,535	9,356,436	100.0%	11,735,63
Nose Creek 2000-2015	897-000	North Beddington Trunk	Completed	Υ	3,025,790	-	152,839	(152,839)	3,025,790	75%	2,259,524	766,266	105,332	2,412,364	100.0%	3,025,790
Nose Creek 2000-2015	897-000	North Ridge Macdonald Trunk	Completed	Υ	4,258,568	-	215,110	(215,110)	4,258,568	75%	3,180,108	1,078,460	148,247	3,395,217	100.0%	4,258,568
Nose Creek 2000-2015	897-000	North Beddington Storm Trunk	Completed	Υ	63,246	-	3,195	(3,195)	63,246	75%	47,229	16,017	2,202	50,424	100.0%	63,24
Nose Creek 2000-2015		Financing Costs			6,010,033	-	1,410,035	(1,410,035)	6,010,033	23%	1,405,199	4,604,833	65,506	2,815,234	100.0%	6,010,033
Nose Creek 2000-2015					27,736,296	-	2,507,476	(2,507,476)	27,736,296		17,629,400	10,106,896	821,831	20,136,876		27,736,290
Nose Creek 2016-2024	897-000	North Ridge Macdonald Trunk	2014-2016	Υ	56,602	-	-	-	56,602	0%	-	56,602	-	-	100.0%	56,602
Nose Creek 2016-2024	897-000	144 Av NE Storm Trunk 4	2019-2020	Υ	10,000,000	-	-	-	10,000,000	0%	-	10,000,000	-	-	100.0%	10,000,00
Nose Creek 2016-2024	897-000	North Beddington Storm Trunk	2021-2022	Υ	966,441	-	-	-	966,441	0%	-	966,441	-	-	100.0%	966,44
Nose Creek 2016-2024	897-000	Glacier Ridge Storm Trunk and Outfall	2015-2017	Υ	-	-	-	-	-	0%	-	-	-	-	100.0%	
Nose Creek 2016-2024		Financing Costs			8,892,978	-	-	-	8,892,978		-	8,892,978	-	-	100.0%	8,892,978
Nose Creek 2016-2024					19,916,021	-	-	-	19,916,021		-	19,916,021	-	-		19,916,02
Total Nose Creek					47,652,317	-	2,507,476	(2,507,476)	47,652,317		17,629,400	30,022,917	821,831	20,136,876		47,652,31
Elbow River 2000-2015	897-000	West Springs Trunk (Roads)	Completed	Υ	1,028,787		144,833	(144,833)	1,028,787	81%	837,644	191,143	-	982,477	100.0%	1,028,78
Elbow River 2000-2015	897-000	Master Drainage Plans	Completed	Υ	23,286		-	-	23,286	0%	-	23,286	-	-	40.0%	9,31
Total Elbow River					1,052,073	-	144,833	(144,833)	1,052,073		837,644	214,429	-	982,477		1,038,1

<sup>&</sup>lt;sup>1</sup> Represents total project costs, actual (2000-2019) and forecasted (2020-2024) capital costs plus actual and forecasted financing costs for debt financed projects. Forecasted Costs are subject to changes depending on the timing and financing arrangements. <sup>2</sup> City Contributions to date are from Utility Rate Revenue and/or Drainage Fees.

The Off-site levy portion of Total Costs for Wastewater Treatment Plants, include Pine Creek historical Costs deferred to Future Expansions. These costs, \$225 Million, were not included in the current Off-site Levy rates. 4% of total costs allocated to Off-site levies.

**Table 15:** Water Resources – Water Projects (continued)

							City Payments			Off-	site Levy Payme	nts			Levy I	Allocation
Infrastructure Type	Program / Project #	Project Description	Start Date of the Project & Estimated Completion Date	Indicate Y/N if the project was identify in the 5 yr	Total Capital Budget + Financing Costs of Projects <sup>1</sup> (\$) 2000-2024"	City + Regional Portion of Total Costs (\$)	City Contribution to Date <sup>2</sup> (\$)	City + Regional Cost to Complete (\$) (Owed)	Off-site Levy Portion of Budget Costs <sup>3</sup> (\$)	Levies Contribution to date <sup>4</sup> (%)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete <sup>3</sup> (\$)	2019 Levies Spent (\$)	Spent Portion of Project (\$)	Allocation to levies <sup>4</sup> (%)	Total Potential OSL Amount
Bow River 2000-2015	897-000	Master Drainage Plans (removed from this schedule)	Completed	Υ	-		-	-	-	0%	-	-	-	-	100.0%	
Bow River 2000-2015	897-000	Edworthy Storm System (Bow Trail / Sarcee)	Completed	Υ	75,341	-	334,361	(334,361)	75,341	409%	308,021	(232,680)	-	642,382	100.0%	75,34
Bow River 2000-2015		Financing Costs			-		-	-	-		-	-	-	-	0.0%	
Bow River 2000-2015					75,341	-	334,361	(334,361)	75,341		308,021	(232,680)	-	642,382		75,34
Bow River 2016-2024	897-000	Riverbend Trunk Pond	TBD	Υ	10,560,075	10,560,075	-	10,560,075	-	0%	489	(489)	489	489	0.0%	
Bow River 2016-2024	897-000	Seton Storm Trunk	TBD	Υ	12,513,796	-	-	-	12,513,796	0%	579	12,513,217	579	579	100.0%	12,513,79
Bow River 2016-2024	897-000	Seton Storm Trunk Ph 2	TBD	Υ	-	-	-	-	-	0%	-	-	-	-	100.0%	
Bow River 2016-2024	897-000	Haskayne Outfall	2021-2022	Υ	-	-	-	-	-	0%	-	-	-	-	100.0%	
Bow River 2016-2024		Financing Costs			8,706,089	-	-	-	8,706,089		2,113	8,703,976	2,113	2,113	100.0%	8,706,08
Bow River 2016-2024					31,779,960	10,560,075	-	10,560,075	21,219,885		3,181	21,216,704	3,181	3,181		21,219,88
Total Bow River					31,855,301	10,560,075	334,361	10,225,714	21,295,226		311,202	20,984,024	3,181	645,563		21,295,22
Fish Creek 2000-2015	897-000	Master Drainage Plans 2000-2015	Completed	Υ	66,268	54,561	54,561	-	11,707	18%	11,707	-	-	66,268	40.0%	26,50
Fish Creek 2016-2024	897-001	Providence Storm Trunk and Outfall 2016-2024	2021-2022	Υ	5,856,472	-	-	-	5,856,472	0%	-	5,856,472	-	-	100.0%	5,856,47
Total Fish Creek					5,922,740	54,561	54,561	-	5,868,179		11,707	5,856,472	-	66,268		5,882,97
Total Drainage 2000-2015					200,401,315	54,561	37,606,640	(37,552,079)	200,346,754	18%	117,987,773	82,358,981	2,275,602	155,594,413		200,347,58
Total Drainage 2016-2024					84,878,751	10,560,075	11,076	10,548,999	74,318,676	3%	486,886	73,831,790	281,174	497,962		74,318,67
Total Drainage					285,280,066	10,614,636	37,617,716	(27,003,080)	274,665,431		118,474,659	156,190,772	2,556,776	156,092,375		274,666,2
Total Utilities					4,945,061,479	2,128,290,305	1,207,423,836	920,866,469	2,816,771,174		418,503,120	2,398,268,055	129,073,397	1,625,926,956		2,788,548,8

<sup>&</sup>lt;sup>1</sup> Represents total project costs, actual (2000-2019) and forecasted (2020-2024) capital costs plus actual and forecasted financing costs for debt financed projects. Forecasted Costs are subject to changes depending on the timing and financing arrangements. <sup>2</sup> City Contributions to date are from Utility Rate Revenue and/or Drainage Fees.

<sup>&</sup>lt;sup>3</sup> The Off-site levy portion of Total Costs for Wastewater Treatment Plants, include Pine Creek historical Costs deferred to Future Expansions. These costs, \$225 Million, were not included in the current Off-site Levy rates. <sup>4</sup> % of total costs allocated to Off-site levies.

## Schedule C – Community Services Details

### (Emergency Response Facilities, Calgary Public Library and Recreation Facilities)

Table 16 shows the detailed projects and amounts of the community services charges spent for the Emergency Response facilities, Calgary Public Library, and Recreation facilities.

**Table 16:** Community Services Projects

					Ci	ty Payments			Off-site Lev	y Payments			Levy		Cit	y Payments:	Funding Sou	ırce	
Program / Project #	Project Description	Start Date of the Project	Estimated Completion Date	Total Budget of Project (\$)	City Portion of Budget (\$)	City Contribution to date (\$)	City Cost to Complete (\$)	Off-site Levy Portion of Budget (\$)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete (\$)	2019 Levies Spent (\$)	Spent portion of project	Percent allocation to levies (Levy Budget / Total Cost)	City Contribution to date-Grant Funding (\$)	City Contribution to date-City/Other Funding (\$)	City Contribution to date Total (\$)	City Cost to Complete -Grant Funding (\$)	City Cost to Complete-City/ g Other Funding (\$)	City Cost to Complete Total (\$)
Recreation 480654	Vivo Expansion <sup>1</sup>	Mar-21	Nov-22	22,500,000	0	0	0	22,500,000	0	22,500,000	0	0	100%	0	0	0	0	0	0
Fire 041-166	Royal Vista Emergency Resp Stn	Nov-12	Completed Dec-19	15,869,069	7,154,069	6,589,077	564,992	8,715,000	8,506,000	209,000	0	15,095,077	55%	6,069,534	519,543	6,589,077	563,992	1,000	564,992
Fire 041-171	NE Industrial Emergency Resp Stn	Jan-17	Dec-21	14,950,000	10,986,000	115,469	10,870,531	3,964,000	1,139,269	2,824,731	0	1,254,738	27%	0	115,469	115,469	10,650,000	220,531	10,870,531
Fire 041-175	East Macleod Emergency Station	Jan-18	Jun-20	15,048,000	3,000,000	1,000,000	2,000,000	12,048,000	2,201,448	9,846,552	2,201,448	3,201,448	80%	0	1,000,000	1,000,000	1,066,016	933,984	2,000,000
Fire 041-178	Cornerstone Emergency Response Station	Jan-20	Dec-22	16,700,000	10,200,000	0	10,200,000	6,500,000	0	6,500,000	0	0	39%	0	0	0	6,497,840	3,702,160	10,200,000
Fire 041-180	West Macleod Emergency Response Station	Dec-21	Dec-22	3,000,000	0	0	0	3,000,000	0	3,000,000	0	0	100%	0	0	0	0	0	0
Fire 480505	Livingston Emergency Resp Stn	Dec-19	Dec-20	2,000,000	0	0	0	2,000,000	0	2,000,000	0	0	100%	0	0	0	0	0	0
Fire 480506	Belvedere Emergency Resp Stn	Jun-20	Jun-21	2,000,000	0	0	0	2,000,000	0	2,000,000	0	0	100%	0	0	0	0	0	0
Fire 480507	South Shepard Emergency Resp Stn	Dec-21	Dec-22	2,000,000	0	0	0	2,000,000	0	2,000,000	0	0	100%	0	0	0	0	0	0
Facility Management 410660	Varsity Mult-Service Centre <sup>2</sup>	Jun-17	Sep-23	31,000,000	16,000,000	206,929	15,793,071	15,000,000	828,449	14,171,551	828,449	1,035,378	48%	204,769	2,160	206,929	9,793,071	6,000,000	15,793,071
Facility Management 480771	Symons Valley Multi-Use Services <sup>3</sup>	Mar-19	Dec-23	37,420,000	26,420,000	197,096	26,222,904	11,000,000	3,000,000	8,000,000	0	3,197,096	29%	0	197,096	197,096	13,000,000	13,222,904	26,222,904
Recreation 506-693	Seton Recreation Facility	Aug-12	Completed Feb-19	178,526,000	159,683,000	142,722,521	16,960,479	18,843,000	18,843,000	0	0	161,565,521	11%	31,233,037	111,489,484	142,722,521	16,716,963	243,516	16,960,479

#### Notes

\$22.5M – City (Levy funded) – only portion showing on levy report

\$15.0M - Provincial \*

\$15.0M - Federal\*

\$7.5M - Vivo funded

<sup>&</sup>lt;sup>1</sup> This is not a city led project but funding was approved through One Calgary to support this partner project. The complete project which resides with Vivo is:

<sup>\$60.0</sup>M - Total (\*VIVO applied for these funds)

<sup>&</sup>lt;sup>2</sup> Fire - Station 17 project is renamed Varsity Multi-Service Centre in 2018 and added budget for Affordable Housing.

<sup>&</sup>lt;sup>3</sup> Symons Valley Library project is renamed Symons Valley Multi-Service Centre in 2019 and added budget for Affordable Housing.

 Table 16: Community Services Projects (continued)

					City Payments				Off-site Lev	y Payments			Levy	City Payments: Funding Source							
Program / Project #	Project Description	Start Date of the Project	Estimated Completion Date	Total Budget of Project (\$)	City Portion of Budget (\$)	City Contribution to date (\$)	City Cost to Complete (\$)	Off-site Levy Portion of Budget (\$)	Off-site Levy Spent to date (\$)	Off-site Levy Cost to Complete (\$)	2019 Levies Spent (\$)	Spent portion of project	Percent allocation to levies (Levy Budget / Total Cost)	City Contribution to date-Grant Funding (\$)				City Cost to Complete-City/ Other Funding (\$)	City Cost to Complete Total (\$)		
Recreation 506-694	Rocky Ridge Recreation Facility	Sep-14	Completed Dec-17	188,574,328	139,806,414	116,242,781	23,563,633	48,767,914	48,767,914	0	0	165,010,695	26%	44,013,086	72,229,695	116,242,781	13,150,000	10,413,633	23,563,633		
Recreation 506-698	Great Plains Recreation Facility	Dec-12	Completed Jun-16	31,275,000	24,121,000	23,643,400	477,600	7,154,000	7,154,000	0	0	30,797,400	23%	10,000,000	13,643,400	23,643,400	0	477,600	477,600		
Recreation 506-699	Quarry Park Recreation Facility	Mar-14	Completed Jun-16	55,600,000	47,930,000	47,223,816	706,184	7,670,000	7,670,000	0	0	54,893,816	14%	0	47,223,816	47,223,816	0	706,184	706,184		
Fire 041-164	Tuscany Emergency Resp Stn	Sep-14	Completed Dec-19	16,385,025	5,105,320	4,899,107	206,213	11,279,705	11,279,705	0	20,040	16,178,812	69%	2,864,305	2,034,802	4,899,107	0	206,213	206,213		
Fire 041-165	Evergreen Emergency Resp Stn	Feb-11	Completed	8,932,355	3,819,275	3,819,275	0	5,113,080	5,113,081	0	0	8,932,355	57%	3,819,275	0	3,819,275	0	0	0		
Fire 041-167	Symons Valley Emergency Resp Stn		Completed	9,719,786	7,221,732	7,221,732	0	2,498,054	2,498,054	0	0	9,719,786	26%	6,898,617	323,115	7,221,732	0	0	0		
Fire 041-168	Douglas Glen Emergency Resp Stn		Completed	7,796,539	7,668,457	7,668,457	0	128,082	128,082	0	0	7,796,539	2%	7,668,457	0	7,668,457	0	0	0		
Fire 041-169	Seton Emergency Resp Stn	Dec-10	Completed	16,648,379	12,048,379	12,018,827	29,552	4,600,000	4,600,000	0	0	16,618,827	28%	11,365,928	652,899	12,018,827	29,552	0	29,552		
Fire 041-172	Station #5 Replacement/ Rebuilding		Completed	9,349,738	8,612,913	8,612,913	0	736,825	736,825	0	0	9,349,738	8%	6,450,000	2,162,913	8,612,913	0	0	0		
Fire 044-002	Replace Emergency Units		Completed	52,134,215	52,089,128	52,089,128	0	45,086	45,086	0	0	52,134,215	0%	40,695,585	11,393,544	52,089,128	0	0	0		
Total				737,428,435	541,865,687	434,270,529	107,595,158	195,562,748	122,510,914	73,051,834	3,049,937	556,781,443		171,282,593	262,987,936	434,270,529	71,467,433	36,127,725	107,595,158		

### Notes:

\$60.0M — Total (\*VIVO applied for these funds)

\$22.5M — City (Levy funded) — only portion showing on levy report

\$15.0M - Provincial \*

\$15.0M - Federal\*

\$7.5M - Vivo funded

<sup>&</sup>lt;sup>1</sup> This is not a city led project but funding was approved through One Calgary to support this partner project. The complete project which resides with Vivo is:

<sup>&</sup>lt;sup>2</sup> Fire - Station 17 project is renamed Varsity Multi-Service Centre in 2018 and added budget for Affordable Housing.

<sup>&</sup>lt;sup>3</sup> Symons Valley Library project is renamed Symons Valley Multi-Service Centre in 2019 and added budget for Affordable Housing.

# Schedule D – Community Services Details

(Transit Buses)

Table 19 shows the detailed projects and amounts of the community services charges spent for transit buses. The Total Budget of Project costs include purchases attributed to both vehicle replacement and new vehicles; the Offsite Levy Portion of Budget indicates the amount of the Total Budget attributable to levy-eligible transactions.

**Table 17:** Transit Bus Projects

					City Payments				Off-site Levy	Payments				City Payments: Funding Source						
Program / Project #	Project Description	Project & Estimated			•	•	City Cost to Complete (\$)	Off-site Levy Portion of Budget (\$)	•	Off-site Levy Cost to Complete (\$)	2019 Levies Spents (\$)		City Contribution to date-Grant Funding (\$)	•	•	Complete -Grant	City Cost to Complete-City/ Other Funding (\$)	City Cost to Complete-Total (\$)		
665-02W	Bus Purchases (2014 to 2018)	2014 to 2015	N (indentified on prior levy)	53,095,000	51,751,000	51,751,000	-	1,344,000	1,344,000	-	-	53,095,000	51,751,000	-	51,751,000	-	-	-		
665-02W	Bus Purchases (2014 to 2018)	2016 to 2018	Υ	32,457,463	28,547,901	28,547,901	-	3,909,563	3,909,563	-	-	32,457,464	28,547,901	-	28,547,901	-	-	-		
665-02W	Bus Purchases	2019 to 2022	Υ	113,191,667	94,944,177	36,201,770	58,742,407	18,247,490	7,747,490	10,500,000	7,747,490	43,949,260	35,201,770	1,000,000	36,201,770	51,214,514	7,527,893	58,742,407		
Total				198,744,131	175,243,078	116,500,671	58,742,407	23,501,053	13,001,053	10,500,000	7,747,490	129,501,724	115,500,671	1,000,000	116,500,671	51,214,514	7,527,893	58,742,407		

(Calgary Police Service)

Table 20 shows the detailed projects and amounts of the community services charges spent for Calgary Police Services facilities.

Table 18: Calgary Police Service Projects

							City Payments			Off-si	te Levy Pa	yments			Levy Allocations			City Payments: Funding Source						
Program / Project #	Project Description	Start Date of the Project	Estimated Completion Date	Indicate Y/N if the project was identify in the Dec 2015 OSL Background Report	-	•	City Contribution to date (\$)	*		Levy Spent	Levy Cost to		2019 Levies Spent (\$)	Spent portion of project	allocation to	Total Potential OSL (of Current Budget)		to date-Grant	City Contribution ( to date-City/ Other Funding (\$)		City Cost to Complete -Grant Funding (\$)	City Cost to Complete- City/Other Funding (\$)	Complete Total (\$)	
038-381	Future District Office 1	2021	TBD	Υ	\$32,500,000	\$0	\$0	\$0	\$32,500,000	\$0	\$32,500,000	\$29,135,520	\$0	\$0	100%	\$32,500,000	\$34,941,500	\$0	\$0	\$0	\$0	\$0	\$0	
038-381	Future District Office 2	TBD	TBD	Υ	\$32,500,000	\$0	\$0	\$0	\$32,500,000	\$0	\$32,500,000	\$0	\$0	\$0	100%	\$32,500,000	\$34,941,500	\$0	\$0	\$0	\$0	\$0	\$0	
038-381	1 Customer Service Centre NW (part of new Arrest Processing Centre by Spy Hill Correctional Facility)	Q1 2018	Q2 2020	Υ	\$25,000,000	\$21,000,000	\$21,000,000	\$0	\$4,000,000	\$3,455,757	\$544,243	\$4,000,000	\$3,455,757	\$24,455,757	16%	\$4,000,000	\$10,133,035	\$0	\$0	\$0	\$21,000,000	\$0	\$21,000,000	
Total		-			\$90,000,000	\$21,000,000	\$21,000,000	\$0	\$69,000,000	\$3,455,757	\$65,544,243	\$33,135,520	\$3,455,757	\$24,455,757		\$69,000,000	\$80,016,035	-						

For the "Customer Service Centre NW": the \$4m is the portion of the project allocated to a new District Office function (the Customer Service component). This will be the last part of the project completed. The remainder is a relocation of the 7 AV SW processing centre that was damaged in the flood.