# DRAINAGE SERVICES DESIGN AND CONSTRUCTION

2011 Annual Report



THE CITY OF EDMONTON'S DRAINAGE SERVICES DESIGN AND CONSTRUCTION IS RECOGNIZED FOR ITS EXPERTISE IN CONSTRUCTION AND FOR ITS OPEN CUT AND TRENCHLESS CONSTRUCTION METHODS.

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THE SUCCESS OF DRAINAGE DESIGN AND CONSTRUCTION IS A DIRECT RESULT OF HUNDREDS OF PEOPLE WHO SHARE OUR VALUES – THOSE THAT PUT PEOPLE FIRST; WHO VALUE COMMUNICATION, INNOVATION AND RESULTS; AND THOSE WITH AN EYE ON THE SUSTAINABILITY OF THIS GREAT CITY WE ARE BUILDING. **7** 

# MANAGER'S MESSAGE

Drainage Services Design and Construction made important steps in the past year toward fulfilling our vision to become Western Canada's recognized leader in underground infrastructure design and construction. Those steps were made possible by excellent people delivering outstanding service.

Drainage Design and Construction has a reputation among construction professionals as being the first place to go when encountering difficult ground conditions. That reputation exists because of excellent people who are committed to finding safe, innovative solutions. It is that commitment that has earned Drainage Design and Construction the work of other City departments as well as communities outside of the city of Edmonton.

The employees who perform open cut emergency or planned work make a significant contribution towards maintaining the financial health of Drainage Design and Construction. The people who conduct small diameter tunnel work, dug by hand or by employing other micro tunnelling techniques, are the key to the continued success of Drainage Design and Construction in many local jobs. The employees who deliver large diameter tunnel work are responsible for the excellent reputation that earns us opportunities both within and beyond our city's boundaries. All this is made possible by the equipment section employees who ensure state of the art equipment is available and in working condition. Together with the finest design and technical services professionals, the Drainage Design and Construction team helped make 2011 a transformative year.

Drainage Design and Construction made significant improvements in its safety performance. Reduction in the number of lost time accidents, severity rate and number of utility conflicts was made possible by the dedication of our frontline leaders and safety professionals.

The success of Drainage Design and Construction is a direct result of hundreds of people who share our values – those that put people first; who value communication, innovation and results; and those with an eye on the sustainability of this great city we are building. Together we can deliver on our mission to help build great communities by providing safe and sustainable underground infrastructure.

Siri Fernando Engineering Manager Drainage Design and Construction

# STRATEGIC FRAMEWORK







### Vision

Becoming Western Canada's recognized leader in underground infrastructure design and construction

### Vission

We help build great communities by providing safe and sustainable underground infrastructure

### Values

### • People first

- > valued employees working safely
- > public safety around construction sites
- > meeting clients needs
- Sustainability
  - > reduce societal impact of projects
  - > construct in an environmentally responsible manner
  - > ensure financial return on services

### • Results

- > complete quality projects on time and on budget
- Innovation
  - > at the forefront of trenchless technology

### • Communication

> open, respectful communication with co-workers, customers and partners

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# DRAINAGE SERVICES DESIGN AND CONSTRUCTION

The City of Edmonton's Drainage Services Design and Construction is recognized for its expertise in construction and for its open cut and trenchless construction methods. The operation provides underground sewer infrastructure design and construction services, and acts as primary or sub-contractor to construction firms and private developers.

The safety of our employees and Edmonton's citizens is vitally important and Drainage Design and Construction makes safety a priority at every jobsite. The operation promotes safe and healthy workplaces through a range of initiatives. Getting the job done safely and effectively is the number one priority.



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# ORGANIZATIONAL STRUCTURE

Drainage Design and Construction provides design, construction, project management and emergency repair services for the City of Edmonton, as well as utility companies, other municipalities and other private clients.

Drainage Design and Construction's highly skilled and seasoned crews use the most up-to-date and specialized equipment available to perform tunnelling jobs for clients, particularly when they face challenging soil conditions or other issues.

In 2010 Drainage Design and Construction became a municipal enterprise by separating financially from the Drainage Services Branch. Creating this independence enables Drainage Design and Construction to more effectively expand its specialized expertise into new markets. Throughout 2011, demand for Drainage Design and Construction services grew in Edmonton as well as other jurisdictions across Alberta.

Business planning and further reorganization occurred over 2011 in order to facilitate the operation's expansion. The new structure is as follows:





# **DESIGN TEAM**

The Design team includes more than 20 professional engineers and engineering technologists. The team is divided into four core groups:

- Expansion group designs new sewer infrastructure projects such as tunnels, pipes, manholes and wetlands.
- Flood Prevention group designs projects under the City of Edmonton's Flood Prevention Program.
- Neighbourhood Renewal designs all City of Edmonton sewer rehabilitation work in coordination with Transportation Services and other major utilities.
- **Structures group** provides design services for structures like pump stations, drill drop manholes, and trunk sewers.

# **CONSTRUCTION**

The Construction team is divided into two core groups:

- Open Cut/Small Diameter Trenchless group performs sensitive trenching work in developed urban areas where other groups find conditions too challenging. In this environment, there is a significant probability of conflict with other existing utilities. The group has also started to specialize in small diameter trenchless work using various emerging technologies including pilot tube micro tunnelling, pipe bursting, and pipe ramming.
- Tunnelling group employs a fleet of tunnel boring machines in combination with traditional hand tunnelling to work deep beneath the surface on storm and sanitary projects.



# **BUSINESS DEVELOPMENT**

The Business Development office was created in Drainage Design and Construction in 2010 to develop and maintain internal and external relationships, increase awareness about the organization's expertise and secure projects throughout western Canada.



# TECHNICAL SERVICES

The Technical Services group provides project management services to other Design and Construction teams including cost estimating, scheduling, drafting, and surveying. This group also assists Design and Construction project managers by creating/entering projects in the Systems, Applications and Products or SAP and processing progress payment of Design and Construction projects.

In addition, the Technical Services group manages the construction of sewer rehabilitation work using relining and open cut repair contractors, and provides construction inspection services. This includes project monitoring and control services, and reporting the daily progress of projects under construction.

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# 2011 ACHIEVEMENTS

# **DESIGN**

### **Morris Wetland**

The Morris Wetland site is located west of 34<sup>th</sup> Street, between 84<sup>th</sup> Avenue and 92<sup>nd</sup> Avenue in southeast Edmonton. The site is surrounded by existing industrial development to the north, west and south. The east boundary of the site, 34<sup>th</sup> Street, is the City of Edmonton corporate boundary with Strathcona County.

Historically, the site was a low spot on agricultural land and filled with water from Gold Bar Creek during rainfall events. The land is also surrounded by a recycling facility that stores and recycles metals, concrete, storage tanks and other items that could produce contaminated runoff. As Edmonton grew, industry grew around the site.

The City of Edmonton identified the Morris Wetland as a potential stormwater management site to provide flood relief and to accommodate future development in the watershed. With ongoing development in the watershed, Morris Wetland became the focus of a major design effort.

Upholding high standards of construction methodologies, Drainage Design and Construction worked with consultants to come up with a design that met all the important criteria for the site. Enhanced berms were designed and constructed around the entire site to isolate the recycling facility, and box culverts









were built along 34<sup>th</sup> Street to divert appropriate flows into the redesigned wetlands.

At the north end of the site where water previously drained back into Gold Bar Creek, control systems were installed to regulate flow. These systems prevent further creek erosion, and hold water in the wetlands for enough time to allow potential contaminants to settle and be treated through a natural filtering process.

Morris Pond is now a thriving wetland and home to frogs, waterfowl and several plant species in the middle of an industrial area. It stands as an excellent example of team innovation and creativity, and was one of the outstanding accomplishments in 2011.

### Drainage Neighbourhood Renewal

A new Drainage Neighbourhood Renewal design process was developed to screen projects with open cut repairs in order to identify opportunities to use more cost-effective trenchless technologies for the repairs. Savings, totalling more than \$1.0 million, at approximately 90 open cut locations, were realized in 2011.

### **Bearspaw Flood Prevention**

Drainage Design and Construction completed preliminary concept validation and design on the drainage upgrading project for the Bearspaw, Keehewin, and Ermineskin neighbourhoods. An innovative storage option is being developed to allow the resurfacing of roadways in these areas earlier than normal.

### Ambleside/Windermere Pump Station Odour Control

A severe odour concern stemming from the Ambleside/Windermere pump station was evaluated and odour control solutions were pilot-tested. Similar design provisions for odour control have been specified for the new Big Lake pump station in order to avoid issues at that location.



# **CONSTRUCTION**

### **Open Cut and Trenchless Innovation**

The Drainage Design and Construction Open Cut team continued exploring new construction methods and technologies and made inroads with utilizing smaller diameter trenchless techniques in 2011. As a result of this exploration, innovative methods such as pipe ramming, pipe jacking, case boring, pipe bursting and pilot tubing are seen as emerging construction methods for the future.

### Lynnwood Sanitary Upgrade

Pilot tube micro tunnelling was employed on the Lynnwood Sanitary Upgrade where an Akkerman pilot tube device was used to install a 750 millimetre diameter concrete pipe along 152<sup>nd</sup> Street, from 84<sup>th</sup> Avenue to 87<sup>th</sup> Avenue. Two relatively long bores were successfully completed, one 88 metres and another 91 metres. The balance of the project was completed using more traditional small diameter sequential excavation methods.

### New Edmonton Remand Centre

Drainage Design and Construction completed a project for the Edmonton Remand Centre in October of 2011. The ground conditions at the site presented ongoing challenges that the team responded to with a variety of innovative methodologies and incredible ingenuity. A water main, 1.6 kilometres in length and 600 millimetres in diameter, was installed using a variety of methods, including significant open cut portions. About 100 metres of the water main was installed by case auger boring.

In addition, hand tunnelling, pilot tube micro tunnelling, pipe ramming, and open cut were used to install 1.6 kilometres of 675 millimetre sanitary sewer at depths of 10 to 11 metres.

### Meadowlark Park Neighbourhood Hydraulic Upgrade

At the Meadowlark Park Neighbourhood Hydraulic Upgrade project, the Design and Construction crew employed pilot tubing with a hybrid Bohrtec/Akkerman machine, completing two 50 metre sections. Specialized 21 inch pipe was installed along 92<sup>nd</sup> Avenue, from 152<sup>nd</sup> Street to 151<sup>st</sup> Street. This project is part of the City's Flood Prevention Program to provide much needed additional flow to the local sanitary sewer.

## Edmonton Waste Management Centre

The Open Cut Construction team completed a significant project for the Edmonton Waste Management Centre in very challenging ground conditions. To provide the Centre with sufficient services to contain fires, the team upgraded the existing water line by installing 1.4 kilometres of 400 millimetre diameter pipe. Drainage Services Design and Construction **14** 

THE DESIGN & CONSTRUCTION TEAM WAS THE PRIME CONTRACTOR ON THE CALGARY MEMORIAL DRIVE PROJECT

# **TUNNELLING**

### Mill Woods Double Barrel

The Mill Woods Double Barrel project is a large and long-span tunnelling project, curved at both ends as a result of easement limits. It is part of a complicated network of tunnels and connections that will remove stormwater from the existing double barrel pipe and reduce risk of flooding significantly in southeast Edmonton. The project runs from 91st Street to Gateway Boulevard.

As 2011 drew to a close, Drainage Design and Construction's tunnel boring machine approached the Gateway Boulevard removal shaft. The tunnel boring machine has almost completed its 1,733 metre trip, 38 metres below ground from the insertion shaft at 91st Street.

### West Edmonton Sanitary Sewer (WESS) Stage W-12

The West Edmonton Sanitary Sewer project was completed in 2011. Using the City's Lovat tunnel boring machine, it crossed under the North Saskatchewan River and involved three shafts, small diversion tunnels and a 1,200 metre siphon.

Construction challenges included abandoned coal mines and the presence of methane gas discovered when test holes were drilled along the alignment. A large portion of the tunnel was below the Riverside Golf Course, which provided difficult access and limitations on surface disturbance.

### **University of Alberta**

Drainage Design and Construction has an excellent working relationship with the University of Alberta. Like many other



businesses, the University of Alberta calls on Drainage Design and Construction when conditions present insurmountable challenges for other constructors.

In 2011, the construction team excavated a shaft for a centrifuge for the Faculty of Engineering. The shaft was approximately 3 metres deep and 6 metres in diameter. The team also excavated a tunnel approximately 34 metres in length on the University property where Design and Construction worked as a subcontractor to CKB Construction.

### North Edmonton Sanitary Trunk (NEST) Tunnel

Located at 153<sup>rd</sup> Avenue and Manning Freeway, the 3.7 kilometres long, 2.4 metres diameter North Edmonton Sanitary Trunk (NEST) tunnel is the longest tunnel completed from one working shaft. The tunnel boring machine travelled through clay till, boulders, and very soft ground requiring the use of different ground control methods that included ground conditioning ahead of the excavation.

The connection to the existing pump station and access manholes at 50<sup>th</sup> Street and 59<sup>th</sup> Street were also constructed. The entire project is expected to be completed in 2012.

### Rio Terrace/Quesnell Heights Tunnel

This deep sewer tunnel runs along Quesnell Crescent from 149<sup>th</sup> Street and 76<sup>th</sup> Avenue to the pedestrian bridge, and crosses underneath Whitemud Drive to a new pump station on the north side of Whitemud Drive. When complete, the tunnel will receive the local sewer flows from the Rio Terrace and Quesnell Heights neighbourhoods. It will provide the necessary storage capacity to accommodate excess flows generated by severe rainfall and alleviate the risk of sewer backup into basements.

An 845 metres long, 60 inch archshaped hand tunnel with five shafts was selected as the construction method for this labour intensive project. During the excavation the crews uncovered dinosaur bones which attracted international media attention. From a construction perspective, the project highlighted the need for more mechanization of the hand tunnelling methodology. Significant advances were made in this direction, notably the use of small conveyors inside the hand tunnel. As of 2011, the project was 90 percent completed.

### **Calgary - Memorial Drive Project**

Drainage Design and Construction was the prime contractor for the Calgary Memorial Drive Project, which involved tunnelling under one of Calgary's busiest main arteries and the only Light Rail Transit (LRT) rail line from west Calgary to downtown.

Design and Construction constructed a 165 metres long tunnel, which crossed under Memorial Drive, in order to install an important part of the Nose Creek Sanitary Sewer Trunk. Passing under a rail system is always a sensitive operation, as there are risks that rail lines on the surface can shift. In order to minimize settlement risk, the team operated for part of the project on a 24/7 schedule.

The excavation began on October 4, 2011. Just prior to the sensitive 24/7 operation, the team encountered bones that resulted in a temporary work stoppage while they were being analyzed. The investigation revealed that the bones were from a pair of bison that met their demise in the creek well before Calgary was a thriving metropolis. Adding to the complexity of the operation, the final 10 metre push was through a former landfill site with decaying garbage and incredibly high methane content.

Before Christmas of 2011, the tunnel boring machine broke into the removal shaft on the north side of Memorial Drive. This enabled the team to finish one of the most interesting tunnel bores of the year and set the stage for the pipe installation and project completion

### Calgary - 16<sup>th</sup> Avenue Project

The 16th Avenue Project is part of Calgary's sanitary sewer trunk and a continuation of the Memorial Drive project. Working as a sub-contractor to Whissell, a Calgarybased company, Drainage Design and Construction carried out a 298 metres excavation in varying ground conditions. At one point the extremely hard ground caused enough stress on the tunnel boring machine bearing that it had to be replaced. The mole cutting teeth were replaced immediately to avoid any delay in schedule. The tunnel boring machine broke through to the removal pit on September 20, 2011 leading to another successful project.

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# REPORT ON PERFORMANCE

Measures	2011 Targets	2011 Results
Net Income as % of Revenue	5%	6%
Bid Success Rates	50%	68%
% Capital Programs Implemented	90%	82%
# of Training Hours/Employee	30	48

# FINANCIAL SUMMARY

# FINANCIAL SUMMARY

The 2011 Annual Report reflects the financial performance and significant accounting policies for Drainage Services Design and Construction. This enterprise operation is self-sustaining and does not receive tax levy funding. It includes the following unaudited financial statements:

- The Statement of Operations summarizes revenues and expenses, which in total, explain the change to the enterprise's Accumulated Surplus.
- The Statement of Financial Position provides information on the ability of the enterprise to finance its activities and to meet its liabilities and commitments. It provides a summary of Financial Assets, Liabilities, Non-Financial Assets and Accumulated Surplus.
- The Statement of Cash Flows summarizes the sources and application of cash for the year, including the use of cash to acquire tangible capital assets.

These statements are presented with 2011 budget and actual information only as this is the first full year of operations after the financial segregation from the Sanitary Drainage Utility. The following discussion is intended to be read alongside the Financial Statements.

# STATEMENT OF OPERATIONS

The 2011 enterprise operations resulted in revenues of \$116.0 million, compared to budget of \$147.0 million (this includes revenue from internal and external tunnelling and construction projects). The revenue variance of \$31.0 million is due to reduced project volumes.

Expenses of \$108.7 million in 2011 are lower than budget by \$29.3 million as a result of reduced project volumes in the current year.

The 2011 operations resulted in net income of \$2.2 million compared to a



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budget of \$3.9 million and is reflective of the lower project volumes in the current year.

The provision for the Capital Equipment Reserve has been established at \$3.8 million pending the development and Council's approval of the fiscal policy for the enterprise.

The \$1.2 million transfer to the Sanitary Drainage Utility represents the final payment as the financial segregation of the enterprise is now complete. \$2.0 million in tangible capital assets was also transferred from the Sanitary Drainage Utility to the enterprise as part of the segregation. Tangible capital assets of \$17.4 million (primarily buildings and equipment) have an economic life that extends beyond one year and are not for sale in the ordinary course of operations.

The enterprise ended the year with Accumulated Surplus of \$27.3 million which is primarily comprised of investment in tangible capital assets.

# STATEMENT OF CASH FLOWS

The Statement of Cash Flows summarizes the sources and use of cash into three activities (operating, capital, and financing).

## STATEMENT OF FINANCIAL POSITION

The enterprise has a cash balance of \$16.0 million and no outstanding long term debt.

### **DESIGN & CONSTRUCTION**

### Statement of Operations (Unaudited)

### As at December 31, 2011

(in thousands of dollars)

	Budget 2011		Actual	
Revenues			 	
Total Revenues	\$	147,049	\$ 116,022	
Total Revenues	\$	147,049	\$ 116,022	
Expenses				
Personnel costs	\$	37,278	\$ 29,649	
Materials, goods, supplies		34,987	19,047	
External services		48,477	49,560	
Fleet services		2,415	2,226	
Intra-municipal services		12,880	5,155	
Amortization (Note 4)		808	1,628	
Other charges		1,202	1,427	
Total Expenses	\$	138,047	\$ 108,692	
Excess (shortfall) of Revenues over Expenses before reserve & transfer	\$	9,002	\$ 7,330	
Provision for capital reserve		3,840	3,840	
Transfer to Sanitary Drainage Utility		1,250	1,250	
Excess (shortfall) of Revenues over Expenses before other	\$	3,912	\$ 2,240	
Other				
Asset transfer from Sanitary Drainage Utility		-	2,010	
Excess of Revenues over Expenses	\$	3,912	\$ 4,250	
Accumulated Surplus, beginning of year		23.072	23.072	
Accumulated Surplus, end of year (Note 5)	\$	26,984	\$ 27,322	

See accompanying notes to unaudited financial statements.

### **DESIGN & CONSTRUCTION**

Statement of Financial Position (Unaudited) As at December 31, 2011 (in thousands of dollars)

		Actual 2011
Financial Assets Cash (Note 3) Accounts receivable Prepaid expenses Inventory	\$	15,958 4,939 5 1,083
Total Assets	\$	21,985
Liabilities Current liabilities Long term debt Total Liabilities	\$ <b>\$</b>	12,068 - <b>12,068</b>
Net Financial Assets (Net Debt)	\$	9,917
Non-Financial Assets Tangible capital assets (Note 4) Total Non-Financial Assets	\$ \$	17,405 <b>17,405</b>
Accumulated Surplus (Note 5)	\$	27,322

See accompanying notes to unaudited financial statements.

### **DESIGN & CONSTRUCTION**

Statement of Cash Flows (Unaudited) As at December 31, 2011 (in thousands of dollars)

Cash provided by (applied to):		
Operating Activities		
Excess of revenues over expenses	\$	4,250
Add Non-Cash Items:		4.000
Amortization of tangible capital assets (Note 4)		1,628
Cash provided by (applied to) operations	\$	2,939 <b>8.817</b>
	<u> </u>	0,017
Investing Activities		
Transfer of capital assets (Note 4)	\$	(2.010)
Cash applied to capital activities	\$	(2,010)
Financing Activities		
Debenture borrowings	\$	-
Cash provided by financing	\$	-
(Decrease) increase in cash position	\$	6,807
Cash, beginning of year		9,151
Cash, end of year (Note 3)	\$	15,958

See accompanying notes to unaudited financial statements.

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### Drainage Design and Construction – 2011 Annual Report

Drainage Design and Construction Notes to Financial Statements For the year ended December 31, 2011 (in thousands of dollars)

Unaudited

2011

#### 1. GENERAL

Drainage Design and Construction is owned and operated by the City of Edmonton (the City). In 2011 Design and Construction was split out from Sanitary Drainage and set up as its own business area.

#### 2. SIGNIFICANT ACCOUNTING POLICIES

#### a) Basis of presentation

The financial statements have been prepared in accordance with the standards established by the Public Sector Accounting Board (PSAB) of the Canadian Institute of Chartered Accountants (CIAC). They reflect the financial assets, liabilities, non-financial assets, accumulated surplus, revenues and expenses of Drainage Design and Construction.

#### b) Basis of accounting

The financial statements are prepared using the accrual basis of accounting. Revenues are recognized in the period in which they are earned and measurable. Funds from external parties and earnings thereon restricted by agreement or legislation are accounted for as deferred revenue until used for the purpose specified. Expenses are recognized as they are incurred and measurable based upon receipt of the goods and services and/or the legal obligation to pay.

#### c) Use of estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the period. Management has used estimates to determine employee benefit obligations, pension obligations relating to City-sponsored pension plans, accrued liabilities, capital asset useful lives as well as provisions made for allowances for amount receivable. Actual results could differ from those estimates.

#### d) Tangible capital assets

Tangible capital assets are recorded at cost which includes all amounts that are directly attributable to acquisition, construction, development or betterment of the asset. Capital assets donated to Drainage Design and Construction are recorded at their estimated fair value on the date of contribution. The cost, less residual value of the tangible capital assets is amortized on a straight-line basis over the following estimated useful lives of the assets:

Asset Category	Useful Life	Rate
Buildings	44 years	2.27%
Warehouses	10 years	10.00%
Machinery and Equipment	5 years	20.00% or usage based

One half of the annual amortization is charged in the year of acquisition and in the year of disposal. Assets under construction are not amortized until the asset is available for productive use. As part of the financial segregation of Drainage Design and Construction from Drainage Services, assets with Net Book Value of \$17.4 million was transferred as Tangible Capital Assets.

#### 3. CASH

Cash includes commitments for future operating and capital, cheques received for deposit and petty cash. Amounts due from the City of Edmonton earn interest and are invested in short term investments and therefore are considered part of cash on the Statement of Cash Flow. Cash consists of the following:

	2011
Due from the City of Edmonton	15,957
Cash on hand	1
Total	\$ 15,958

Drainage Design and Construction Notes to Financial Statements For the year ended December 31, 2011 (in thousands of dollars)

#### Unaudited

#### 4. TANGIBLE CAPITAL ASSETS

Net Book Value	C B Janu	Dpening alance, ary 1, 2011	A	dditions	Adju Dis	istment/ posals	Am	ortization	Clo De	sing Balance cember 31, 2011
Machinery & Equipment	\$	15,775	\$	26	\$	-	\$	(1,567)	\$	14,234
Buildings		-		523		-		(35)		488
Warehouse		-		26		-		(26)		-
Land		-		833		-		-		833
		15,775		1,408		-		(1,628)		15,555
Assets Under Construction		1,248		602		-		-		1,850
Total		17,023		2,010		-		(1,628)		17,405

Tangible capital assets of \$17.4 million are comprised of those assets that were a result of a one-time transfer by the Sanitary Drainage Utility upon financial segregation of Drainage Design and Construction.

### 5. ACCUMULATED SURPLUS

The accumulated surplus reflects the equity invested in tangible capital assets and retained earnings that have been acquired over time for Drainage Design and Construction as follows:

	2011
Investment in Tangible Capital Assets	\$ 17,405
	 17,405
Retained Earnings	9,917
	\$ 27,322

### 6. COMPARATIVE FIGURES

Certain of the comparative figures have been reclassified to conform with the financial statement presentation adopted for the current year.



# FURTHER INFORMATION

### Visit our website:

www.edmonton.ca/drainage

### Inquiries may also be directed to:

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