

**For the  
Members of  
The Edmonton  
Pipe Industry**

**Pension Trust Fund  
and  
Health and Welfare Fund**

**2013**  
ANNUAL REPORT



## **DIRECTORY**

The Edmonton Pipe Industry Pension Trust Fund  
and

The Edmonton Pipe Industry Health and Welfare Fund  
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Letko Brosseau & Associates Inc., Montreal, Quebec  
Gryphon International Investment Corporation, Toronto, Ontario  
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### **Pension Plan Actuary**

Mercer (Canada) Limited, Calgary, Alberta

### **Pension Trust Fund Investment Counsel**

Asset Performance Inc., Vancouver, British Columbia

### **Health and Welfare Plan Insurer**

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### **Health and Welfare Plan Employee Assistance Program Provider**

Construction Employees Family Assistance Plan (CEFAP), Calgary, Alberta



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## Report of the Board of Trustees

We are pleased to present the Annual Report of the Pension Trust Fund and the Health and Welfare Fund for the fiscal year ended December 31, 2013. The Annual Report provides an accounting to the Members of the highlights of the Funds' activities for the past 12 months.

The 2013 Annual Report covers the activities of both Funds for the 12 months from January 1, 2013 to December 31, 2013.

### **Board of Trustees**

Our Trust Agreements are the key governance documents for the Funds. They set out the roles and responsibilities of the Trustees. Our Trust Agreements establish that the Board of Trustees will be made up of four elected Union Trustees and three Independent Trustees including an Independent Chairman. All decisions by the Board require the approval of two-thirds of the Trustees.

### **Pension Trust Fund**

As at December 31, 2013, the Pension Fund had assets of \$1.292 billion, an accumulated surplus of \$175.3 million and a funded ratio of 116%. At the end of Fiscal 2012 the Fund had assets of \$1.052 billion with an accumulated surplus of \$17.4 million and a funded ratio of 102%.

For the 12 months ended December 31, 2013 the Fund earned a rate of return of 19.1% (10.4% for Fiscal 2012) net of all fees.

For more information about the Pension Plan's funding status at the end of Fiscal 2013, reference should be made to the Actuarial Valuation section of this Report.

It is important to note that the investment earnings assumption in our actuarial valuation at December 31, 2013 was 5.50%. We have reported previously that the Trustees continuously examine whether the assumptions used to value the liabilities of the Plan remain appropriate. Part of this ongoing review includes a discussion, together with the Plan's professional advisors, about likely long term investment returns given the appropriate asset mix for the Fund. As we have reported in other Annual Reports, the Trustees have received guidance that we should always consider our expectations for future returns in the investment markets.

Our commitment to the Members is to protect the benefits provided to you by the Pension Plan. We strive to accomplish this protection by continuing to manage the Pension Plan under a prudent investment strategy and to bring into play all of the resources we believe are appropriate. We believe that we are one of the most financially secure pension plans in the province of Alberta.

The Plan's Members had contributions remitted on 12.3 million hours for the 12 months ended December 31, 2013. Our budget for hours worked was 12 million hours. The Pension Plan's target expectation for hours worked in the 2014 fiscal year remains at 12 million hours. Our ongoing monitoring of the economic environment, particularly the demand for energy, is critical to the funding formula for the Pension Plan. It is a constant reminder that the Pension Plan, and all its Members, are fully linked to Alberta and the global economy.

## Report of the Board of Trustees (Cont'd)

### Pension Trust Fund (Cont'd)

Our funding policies require that the Plan be conservative in its estimates about the future. Therefore the Trustees always use caution when examining the Plan's economic assumptions. We believe that taking this approach helps to reduce the risk Plan Members bear. Pension benefits are always target benefits – they can change if funding cannot meet legislated standards. Conservatism in our economic assumptions should provide some margin to protect the Plan in times of economic uncertainty. We have to balance conservatism in funding against the benefits the Plan can provide. The Trustees believe that their processes have helped Members to be confident in the benefits provided by the Plan.

Diversification of the Fund's assets is critical to the success of the Plan and Fund. The Trustees review the Pension Fund's investment manager structure and asset mix. Our review is always conducted using the due diligence information available and the guidance of the Plan's professional advisors. The Plan's asset mix is set with an understanding of the Plan's liabilities. Our asset mix also takes into consideration the risk and return profiles of major asset classes. We know from history that equities (stocks) earn higher returns than bonds when measured over the long term. We also know, because we have seen it happen, that there will be years when the stock market has negative returns and bond markets will have positive returns. We have to balance these return probabilities.

The Trustees made a decision to allocate assets of the Fund to private equity, infrastructure and real estate investments in order to protect the Plan and Fund from the more volatile equity markets while still

accomplishing the investment return needed. The Statement of Investment Policies and Procedures provides that, over the long term, up to 30% of the total Fund will be invested in a combination of real estate, infrastructure and private equity investments. These have rates of return and risk metrics which the Trustees believe are important to the Plan's overall investment mix. All of the Fund's investments are managed by professional investment managers. The investment managers are measured on an ongoing basis and compared to their peers by an independent party. The Trustees regularly meet with the investment managers.

The Plan's Funding and Benefits Policy will continue to guide the actions of the Trustees as we evaluate the benefits provided by the Pension Plan.

A copy of the Funding and Benefits Policy can be viewed on the Plan's website.

### Health and Welfare Fund

The Health and Welfare Fund continues to be in very good financial condition. As at December 31, 2013, net assets available for benefits were \$114.4 million compared to \$101.5 million at December 31, 2012. During the 12 months ended December 31, 2013, the Plan paid \$19.27 million for Members' health, dental, vision care, short term disability benefits and out of country medical claims in addition to \$5.79 million of premiums to the Insurer for life insurance, optional life insurance, accidental death and long term disability benefits.

Information on recent benefit plan improvements can be found on Page 48 of this Report.



## Report of the Board of Trustees (Cont'd)

The Trustees continually monitor the Plan's benefits to ensure that the benefits delivered keep pace with changes in the health care industry. Of course, we must also ensure that the benefits provided are appropriate for the contributions paid to the Fund – the Members must be given the very best value for contributions that the Plan can prudently afford.

In the 2011 Annual Report, Members were advised that the Trustees engaged Mercer Canada to perform an Actuarial valuation of the Plan's benefits to determine the funds that would need to be set up as a Reserve should the Trustees decide to grant Retiree benefits indefinitely as opposed to the current funding practice of a 3 year Reserve. The result of this Valuation showed that the Plan would need a Reserve in excess of \$59 million for the current group of Retired Members and that each year a further \$19 million would be required to adequately fund that Reserve for the Active Members who will qualify at some point in time for the Retiree benefit plan.

In 2013 the Trustees reviewed the funding practice of holding a 3 year Reserve and increased the Reserve period to 5 years (60 months).

A governance standard of the Trustees is high quality service to Plan Members. During the 12 months ended December 31, 2013 over 65,000 claims were processed by the Benefit Office. Members are always welcome at the Benefit Office where they may receive assistance with filing claims. Some Members prefer to wait at the Benefit Office for their claim cheque. For those Members submitting their claims by mail, they can expect their claim to be processed in 3 days.

Starting in January of 2013 the Benefit Office began offering direct deposit services for claims payments whereby members who elect this service will have their claims payment deposited directly to their bank account.

All of the services delivered by the Benefit Office, including preparation of retirement documents, are managed by the

knowledgeable staff who are trained and skilled in the delivery of your benefits. The Benefit Office staff demonstrate commitment to the high standard of care expected by the Trustees.

### General Comments

On February 18, 2014 Mr. Grace retired as the Independent Chairman of the Board of Trustees. During Mr. Grace's 13 year term as the Independent Chairman the Pension Fund saw incredible growth in its assets; growing from \$232.5 million at the end of Fiscal 2001 to over \$1.29 billion at the end of Fiscal 2013. Mr. Grace was instrumental in the implementation of industry leading governance practices for the Funds and the Board of Trustees.

Mr. Gordon Clanachan assumed the role of Independent Chairman and Mr. Ralph Peterson was added to the Board of Trustees as an Independent Trustee. Mr. Peterson comes to the Board bringing a unique blend of skills and experience with an emphasis on financial consulting.

The Trustees believe that the Pension Plan is positioned to protect benefits and to withstand years when markets are again volatile. This involves many hours of review of materials provided by the actuary, auditor, investment managers, investment consultant and the administration services provider. In the end, we believe that The Edmonton Pipe Industry Plans demonstrate good governance in all aspects of the Plans and Funds.

The Board of Trustees met 5 times over the 12 months ended December 31, 2013. In addition, the Board of Trustees has an Audit Committee which met twice in 2013.

Submitted on behalf of the Trustees,

Gordon Clanachan, FCA, ICD.D  
Chairman, Board of Trustees  
June, 2014

# PENSION FUND HIGHLIGHTS AND COMMENTARY

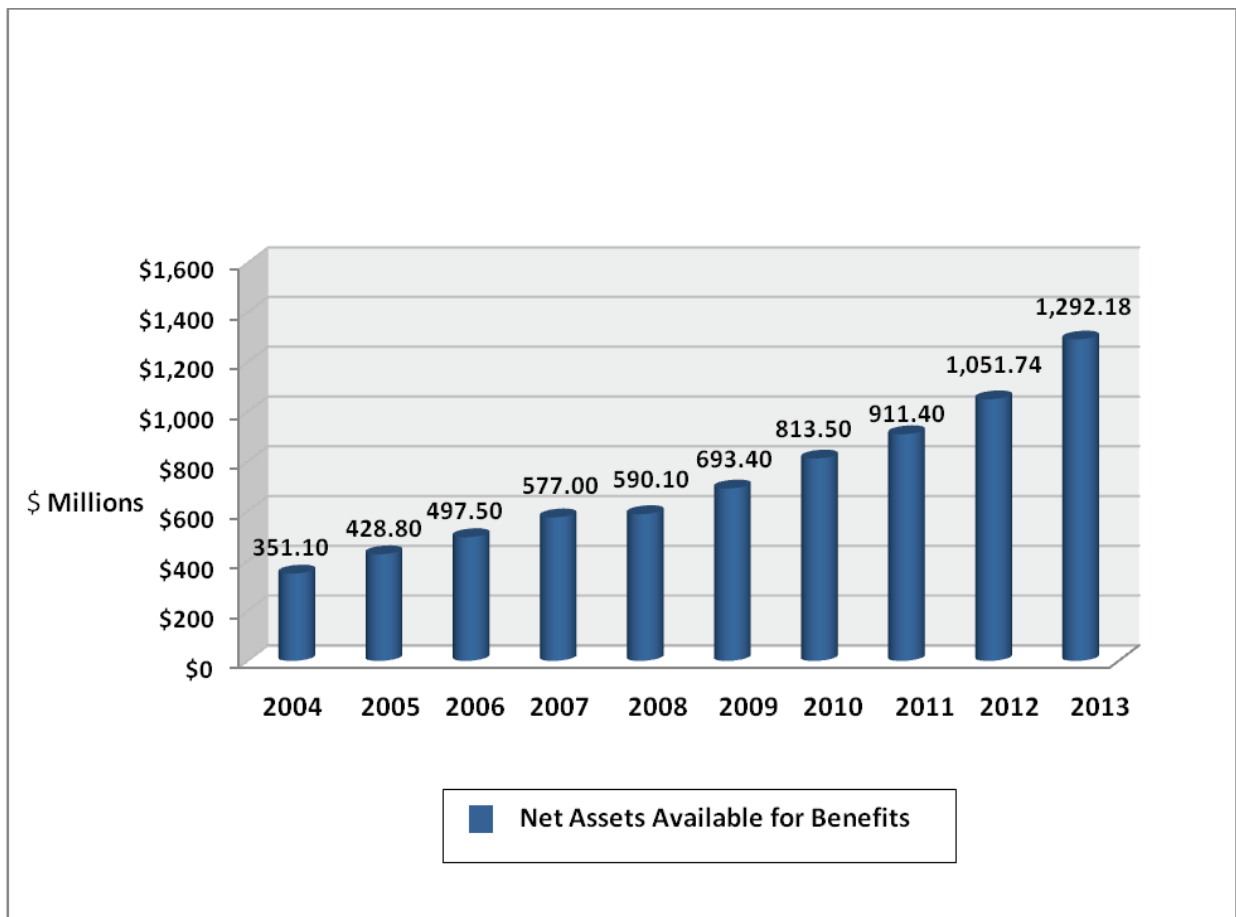
## Pension Fund Assets

At December 31, 2013, the Pension Fund had \$1.292 billion in net assets available for benefits. This is an increase of \$240.4 million compared to the net assets available for benefits at December 31, 2012. Net employer contributions in 2013 were \$97.1 million, an increase of \$7.4 million compared to 2012.

The Pension Fund received net contributions in respect of 12.3 million hours worked during 2013. During 2012 the Fund received contributions in respect of 12.05 million hours.

The chart below illustrates the growth in the Pension Fund's assets.

**GROWTH IN PENSION FUND ASSETS 2004 - 2013**

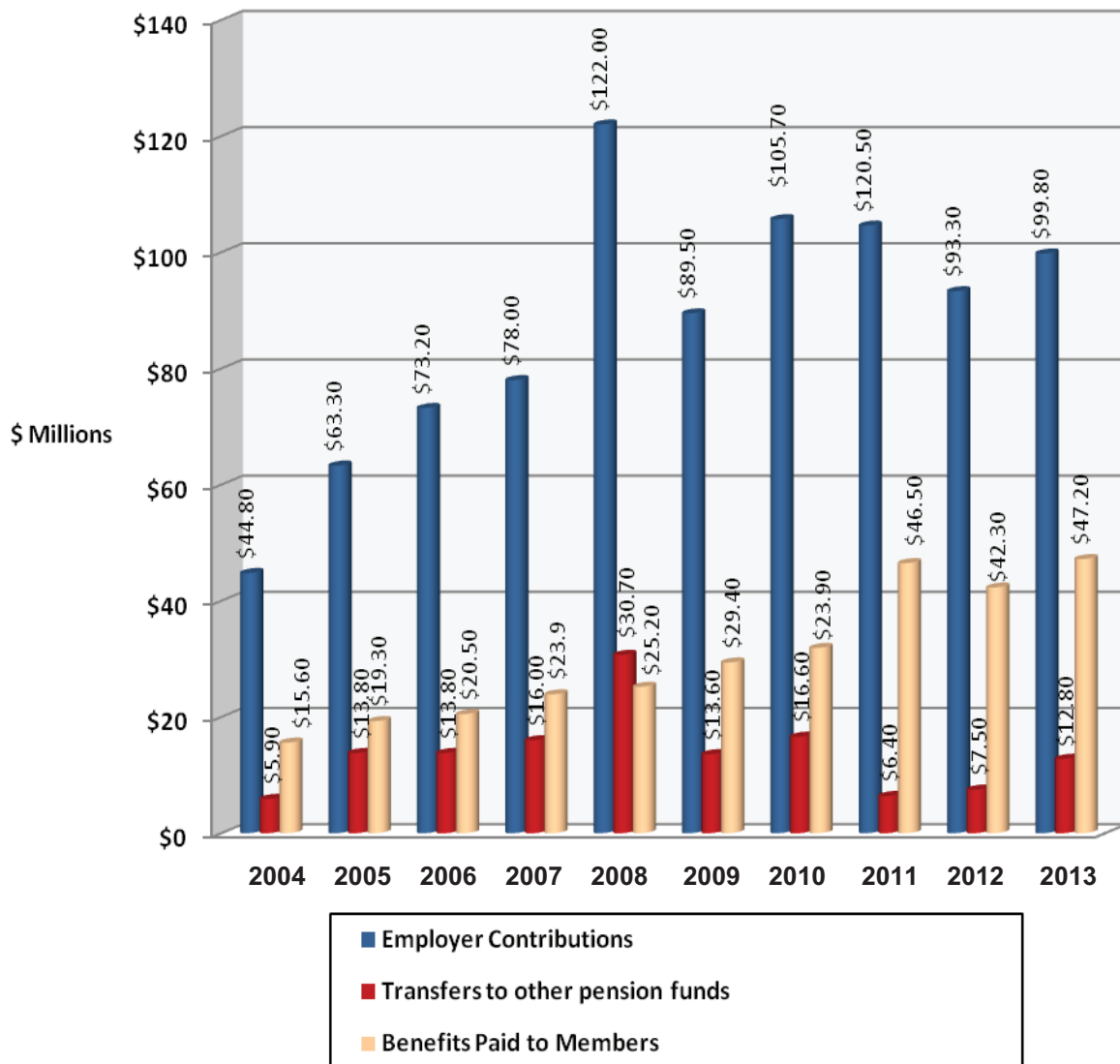


## Pension Fund Contributions

During 2013, contributing employers (including Reciprocal Transfers in) paid \$99.8 million into the Pension Fund on behalf of Members, compared to \$93.3 million in 2012.

From the \$99.8 million received, the Pension Fund transferred \$12.8 million to other pension funds on behalf of individuals who were subject to reciprocal agreements.

For the 12 months ended December 31, 2013, the Pension Fund paid \$47.2 million (\$42.3 million in 2012) in pension, death and termination benefit payments.

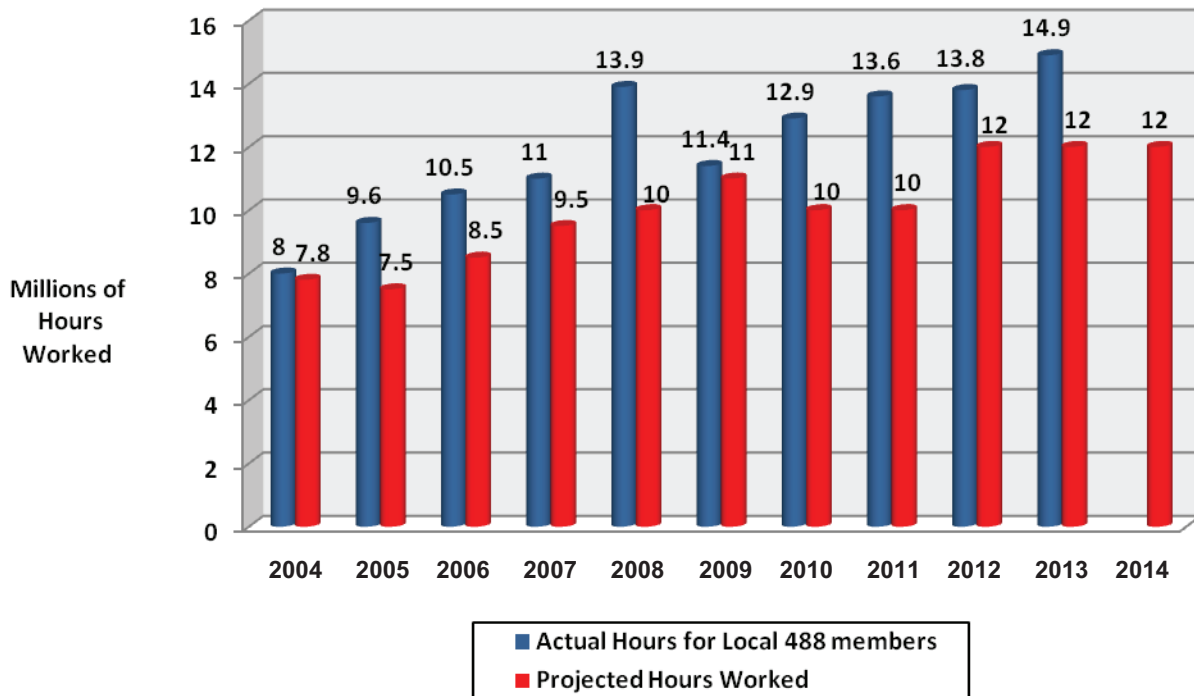


## Employer Contributions and Hours Reported to the Pension Fund

During the 12 months ended December 31, 2013, the Pension Fund received employer contributions based on 14.9 million hours worked in the Local 488 jurisdiction. The Pension Fund transferred contributions based on 1.8 million hours to other pension funds on behalf of union members who were not members of Local 488. Retired Members earned 727,000 hours. Therefore the net contributions to the Pension Fund were based on 12.3 million hours worked by Local 488 members.

For Fiscal 2014, the Pension Plan will use an assumption that 12 million hours will be worked by Local 488 members. The Trustees gather information about the work outlook for Local 488 members from sources including Local 488. The Trustees' assumption for hours worked, used for actuarial valuation purposes, is also discussed with the Pension Plan's actuary. The Trustees have set the hours worked assumption using their best estimates and with some margin in case the work picture is not as robust as we expect.

### PROJECTED AND ACTUAL HOURS WORKED BY MEMBERS 2004 – 2014



## Pension Fund Investment Rate of Return

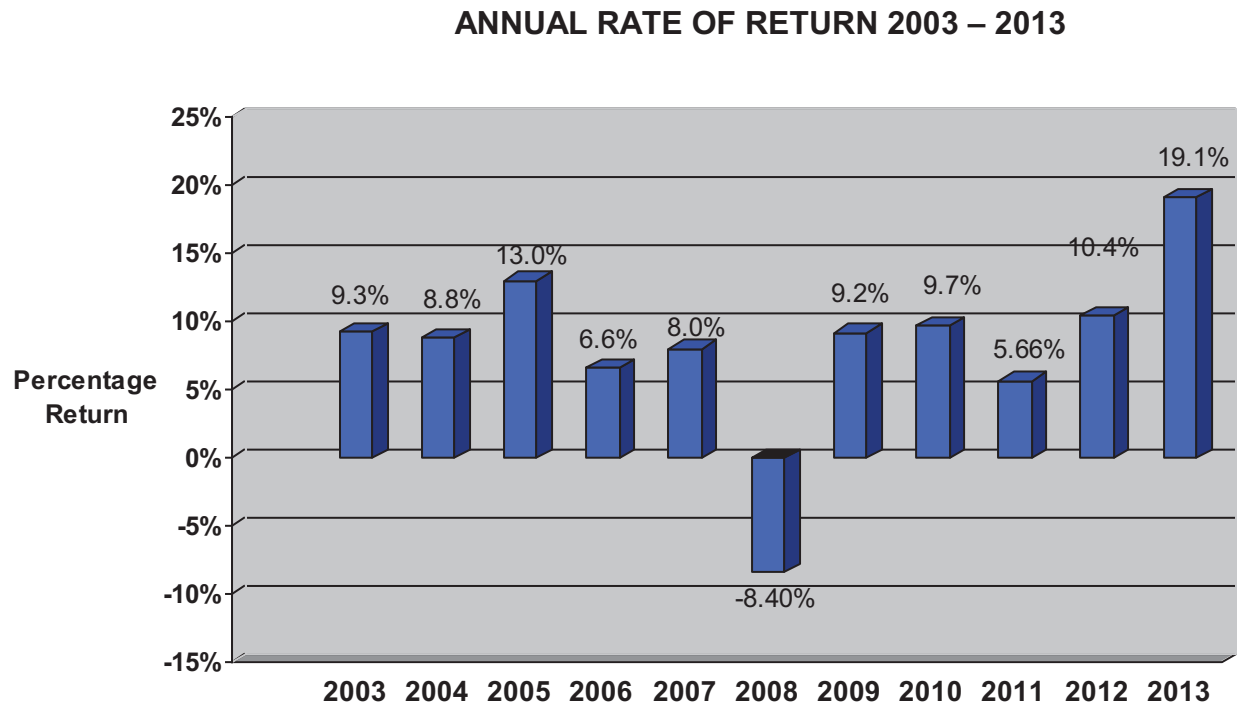
The major market returns for the year ended December 31, 2013 (and compared to 2012 returns) were;

Market	Return for the Year Ended December 31, 2013	Return for the Year Ended December 31, 2012
Canadian Equity	13.0%	7.2%
Canadian Bonds	-1.2%	3.6%
Non Canadian Equity	31.3%	13.6%
Treasury Bills	1.0%	1.0%

For the 12 months ended December 31, 2013, the Pension Fund earned a positive rate of return of 19.1%. In Fiscal 2012, the Fund had a rate of return of 10.4%. The Pension Plan's actuarial target investment return for the 2013 actuarial valuation was 5.5%. The following chart shows Members the annual rates of return of the Pension Fund from 2003 to 2013 inclusive. The Trustees use methods to protect the Fund from some of the volatility in investment markets but all volatility cannot be diversified away. The Pension Plan's benefits have benefitted from the participation of the Fund in the global economy. The Fund's asset diversification has helped to guide the Pension Fund through troubled times. There is an upside and a downside to almost any investment, including cash. The upside is a high and positive return on the investment or that the investment helps to stabilize returns; the downside is that the investment produces a negative return or introduces risk to the Pension Fund.

The Fund's target investment return assumption of 5.50% was set after the Trustees took into consideration the continued volatility in the global investment markets. We think that future years may not produce high total returns. So, after consideration of the consensus for future market returns, the investment return assumption was reduced from 5.9% to 5.50% in 2011. This assumption will be reviewed again when the Fiscal 2014 valuation is prepared.

## Pension Fund Investment Rate of Return (Cont'd)



## Pension Fund Investments

For the 12 months ended December 30, 2013 the Fund's investments returned 19.1% after fees. The average pension fund measured by our independent performance measurement service returned 16.0% for the 12 months ended December 31, 2013.

Every investment decision made by the Trustees is carried out after careful consideration of the purpose of the Fund. This is set out in the Mission Statement:

***“To contribute to the well being of the Plan Members and Beneficiaries by providing reasonable retirement pensions and related benefits based on the financial resources available from The Edmonton Pipe Industry Pension Trust Fund.”***

The Trustees' principal objective is to protect the pension promises which have been made. This governance standard reduces the benefit and contribution risk the Plan's Members may otherwise face.

## Pension Fund Investments (Cont'd)

In making their investment decisions, the Trustees employ an important analytical tool called “Value at Risk”. Value at Risk (VAR) is used to determine how the Fund’s current investment managers and asset classes are expected to perform in the future and how each will offset the risk of the other and add to the value of the Fund. The same VAR tool is used to evaluate prospective investment managers. The tools the Trustees use to measure and manage the Fund help the Trustees anticipate how the Fund’s investments will grow in the future and how the Fund’s investments can be shaped to protect the target benefits of the Plan.

As part of their ongoing management of the Fund, during 2013 the Trustees completed a review of the asset mix of the Fund. The table below outlines how the Pension Fund’s assets will be allocated among different classes of investments.

Asset Class	Guidelines set by Statement of Investment Policies and Procedures			Actual Allocation as of December 31, 2013 (based on market values)
	Minimum	Median	Maximum	
Cash and Cash Equivalents	0%	0%	4%	1.1%
Private Equities	0%	10%	20%	5.1%
Publicly Traded Equities (Canadian)	10%	20%	30%	27.1%
Publicly Traded Equities (Foreign)	10%	20%	30%	26.5%
Canadian Fixed Income (Bonds)	20%	25%	40%	22.2%
Real Estate	3%	10%	20%	6.9%
Infrastructure	3%	10%	20%	4.2%
Alternative Fixed Income	3%	5%	10%	6.9%

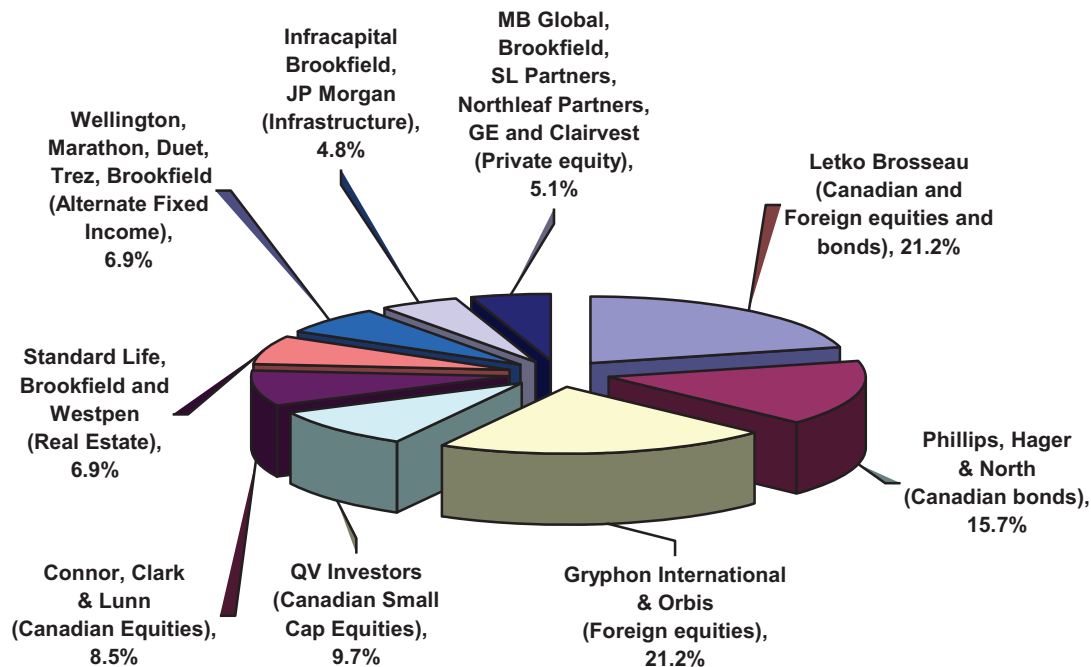
Starting in Fiscal 2007 the Trustees set targets for investments in private equity, real estate, infrastructure and alternative fixed income. In order to balance the asset allocation and to ensure that the Plan’s benefits are adequately funded, the target allocation to bonds continues to be decreased. During 2013 the Trustees continued to review potential new investments in “alternative investments” with the guidance of the investment consultant.

## Pension Fund Investments (Cont'd)

The Trustees have policies in place to monitor the overall asset mix of the Fund and to guide the investment of contributions from employers and investment income.

An important element of Fund governance is that the Trustees set standards for the performance of the investment managers and measure the actual performance against the standards. The Trustees retain an independent investment consultant to assist them in this monitoring responsibility. On a quarterly basis, the Trustees receive reports which give very detailed information about the investment activities of each investment manager along with the return they achieved in the quarter. The Trustees compare this information to their standards and review whether the standards have been achieved, or not achieved. If standards are not achieved, the Trustees consider whether the performance deficiency is temporary. The Trustees are prepared to take action in the event they believe an investment manager's performance will not meet the standard.

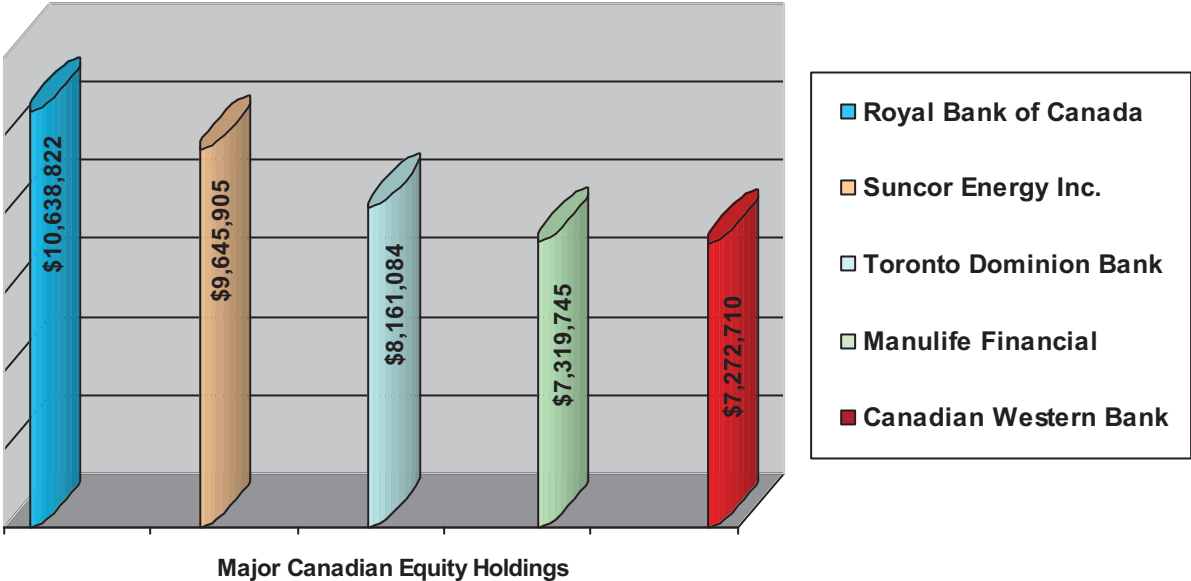
The Pension Funds assets are divided amongst 19 independent investment managers. In addition, the Fund's Custodian, CIBC Mellon, manages the Fund's short term cash assets. The Trustees have a policy for the allocation of employer contributions which gives guidance about where new monies received by the Fund will be invested. These guidelines also protect the Fund from too much market risk. The allocation of Fund assets to the independent investment managers, as at December 31, 2013, is illustrated as follows:





**Equities**

At the end of 2013, the Pension Fund had \$346.1 million, or 27.1% of its assets, invested in Canadian equities. The Fund’s largest Canadian equity holdings at December 31, 2013 were:



The one year return of the Canadian equity market was 13.0%. This was a significant improvement from a return of 7.2% for Fiscal 2012.

The Pension Fund had \$338.4 million, or 26.5% of its assets, invested in non-Canadian publicly traded equities. The United States equity market had a currency adjusted return of 41.5% in Fiscal 2013. Non-North American markets had a Canadian dollar return of 36.2% in 2013.

Currency was a positive factor helping with investment gains in 2013. At December 31, 2013 the Canadian dollar depreciated by 6.5% compared to the United States dollar. In fact, the Canadian dollar depreciated against most major currencies in 2013 with the exception of the Yen by which the Canadian dollar appreciated by 13.9%. Currency fluctuation is important because the Plan’s returns from non-Canadian markets will be diminished when the Canadian dollar is increasing in value. When the Canadian dollar is depreciating against foreign currencies, there is a positive impact on the Plan’s returns. During Fiscal 2010 the Trustees decided to participate in a currency hedging program in order to protect the Fund’s returns from some currency fluctuation. The Trustees believe the implementation of the currency hedging program further aligns the assets available to the Pension Plan with its liabilities which are all measured in Canadian dollars.

## Equities (Cont'd)

In 2013 the European, Australian and Far East (EAFE) equity market returned 31.8% in Canadian dollars. In 2012 this market produced a return of 15.3% and, the year before, a return of -9.4%. The Fund's investments in this market are important to the diversification of the Fund and the protection of the Plan's benefits.

The Pension Fund has a Statement of Investment Policies and Procedures which sets out guidelines for the prudent asset mix strategy of the Fund. The Trustees have engaged 19 professional, active investment managers to implement the asset mix strategy. Investment managers are retained under specific mandates which set out permissible investments and return expectations. The Fund's investment managers are given discretion over the target asset mix, within their mandate, and are expected to use this discretion to benefit the Fund. The Fund's investment managers are subject to monitoring which includes compliance with the Fund's investment policies and the given mandate.

The Trustees also measure the investment manager's results against appropriate performance targets established by the Trustees. The Trustees retain independent investment counsel to measure the result of the Fund's investments. The Fund's independent investment consultant also assists the Trustees as they conduct their due diligence on prospective investment managers and mandates. The investment consultant also keeps the Trustees informed about emerging investment issues.

## Fixed Income

At December 31, 2013, the Pension Fund's Canadian fixed income investments totaled \$281.4 million which is approximately 22.1% of total assets. At December 31, 2012, 27.5% of the Fund was invested in Canadian fixed income. The Fund's fixed income investments include corporate bonds as well as bonds issued by Canadian federal and provincial governments.

For the year ended December 31, 2013 the broad based Canadian bond market return, measured by the DEX Universe, was -1.2%. The Fund has set the DEX Long Bond return as the benchmark return for our fixed income investments. This benchmark is more closely aligned with the duration of the Plan's liabilities. In 2013 the DEX Long Bond index return was -6.2%.

Over the long term, the fixed income asset class is expected to return about 4%. The fixed income market could become quite volatile when interest rates start to rise. So far this rise has been delayed while consumers recover from the recession and governments continue some stimulus. Given the low long term return expectation from fixed income, the Trustees looked to other asset classes such as equities, real estate and infrastructure to diversify the Fund and to earn enough return to protect the Plan's benefits.

During the year the Fund was further diversified; more money was taken out of fixed income and invested in infrastructure, real estate and private equity – these asset classes are expected to generate long term, risk adjusted returns superior to what is estimated from fixed income markets.

## Investment Policy

The Fund's Statement of Investment Policies and Procedures sets out the Trustees' long term objectives for asset allocation. It also sets out the Trustees' beliefs about the returns from public and private markets. The Trustees believe that it is fundamental to the ongoing success of the Plan that they retain the most appropriate mix of investment managers to carry out the asset allocation strategy. The Trustees employ investment professionals who specialize in the evaluation of investment managers when examining existing and prospective investment managers to the Fund. Changes to the team of investment

managers retained by the Fund are made when necessary.

The Trustees have resolved to have 30% of the Fund's assets invested in non-traditional investments such as real estate, infrastructure, alternative fixed income and private equity. The Trustees employ an investment model called Value at Risk (VAR) to guide their investment decisions.

The Value at Risk (VAR) research conducted by the Trustees has been very important as the Trustees consider new Fund investments and evaluate new investment managers.

## PENSION PLAN BENEFITS – FUNDING AND BENEFIT POLICY

The Plan has a Funding and Benefit Policy. This Policy sets guidelines for the Trustees about what considerations to take when thinking about the Plan's benefits and how to react if the Plan becomes under financial stress or when it has surplus. The Funding and Benefits Policy also helps Members to understand what to expect from the Plan.

The Trustees must always act in the best interest of Plan Members, by ensuring that the benefits provided by the Plan are sustainable. One of the products of an actuarial valuation is the demonstration of benefit security.

When the Trustees conduct their review about whether the Plan's benefits can be improved, the Trustees are guided by the following criteria:

- a) the proposed benefit improvements cannot cause the funded ratio of the Plan, on a solvency basis, to fall below 85%; and
- b) the total hourly actuarial cost of benefits will not be more than 90% of the contribution rate.

If benefit improvements are to be considered, the Trustees have agreed upon the following additional parameters:

- a) the pension accrual rate will be adjusted to reflect the contribution rate paid to the Pension Fund. The increased contributions received by the Fund have been used to pay down the Plan's unfunded liabilities. The current contribution rate is \$6.61. The current cost of benefits is \$4.77 per hour.
- b) benefits to active and retired members will be improved if it is determined that the funding is available due to better than anticipated returns on investments. If this is found to be the case, the funding excess will be used for benefit improvements on a prorata basis. This basis will reflect the assets attributed to retired members and those attributed to active members.

The Plan's Funding and Benefits Policy is posted on the Plans' website [www.epibenefitplans.com](http://www.epibenefitplans.com)

## ACTUARIAL VALUATION

Membership Data	2013	2012	2011	2010	2009	2008	2007	2006
Number of active members	8461	8491	8450	9246	9027	8869	7122	6283
Average age of active members (in years)	40.6	40.2	40.2	39.6	39.2	38.9	40.1	40.1
Average hours worked	1740	1783	1995	1655	1481	1755	1696	1802
Number of pensioners (including disabled)	2748	2590	2451	2223	2109	1977	1831	1704
Average age of pensioners (in years)	69.5	69.4	69.3	69.1	68.9	68.7	68.7	68.6

The Pension Plan's actuarial valuation is a sophisticated mathematical tool prepared by a certified actuary. The actuary uses accepted actuarial standards, guided by the Canadian Institute of Actuaries, to estimate the future rate of growth of the Pension Plan's liabilities. This result is compared to the expected future assets of the Pension Fund. In calculating the asset growth of the Fund, the actuary also looks at consensus forecasts for future investment market returns and determines how these returns will come to bear given the asset mix of the Pension Fund. The actuary also takes into consideration the negotiated contribution rate established in the collective agreements and the estimated number of hours to be worked by the Plan's Members.

As part of satisfying their responsibility for monitoring the Pension Plan, the Trustees have an actuarial valuation of the Plan carried out each year. Current

pension legislation requires that this measurement be carried out every three years. The Trustees consider that the knowledge acquired from an actuarial valuation is vital to their understanding of the funded status of the Plan. If the Plan's assumptions for investment return, hours worked or life expectancy are not met by the actual results of the Plan, the Trustees can take early corrective action, if necessary. The results of the actuarial valuation are taken into consideration when the Trustees review whether benefit improvements can be made.

Each year the Trustees review and approve the assumptions to be included in the actuary's preparation of the actuarial valuation. The Trustees are confident that the Plan's assumptions are realistic forecasts about the Plan's future. The assumptions include a reasonable margin in case there is a poor result in investment markets, contributions to the Fund or Plan demographics.

## ACTUARIAL VALUATION (Cont'd)

There are many assumptions included in the preparation of an actuarial valuation. The two most important assumptions are:

- *The rate of return that the Pension Fund's investments will earn.* This assumption predicts the future growth of the Pension Fund's assets.

For the 2013 actuarial valuation, the target rate of return on Fund investments was 5.50%. This is the average rate that the Pension Fund's investments are expected to earn in the long term. The Trustees anticipate that, over short periods of time, the Fund's actual investment returns will be higher or lower than our 5.50% average return expectation. The Plan's investment return assumption is based on a complete review of financial market behavior and the return expectations of economists and investment professionals.

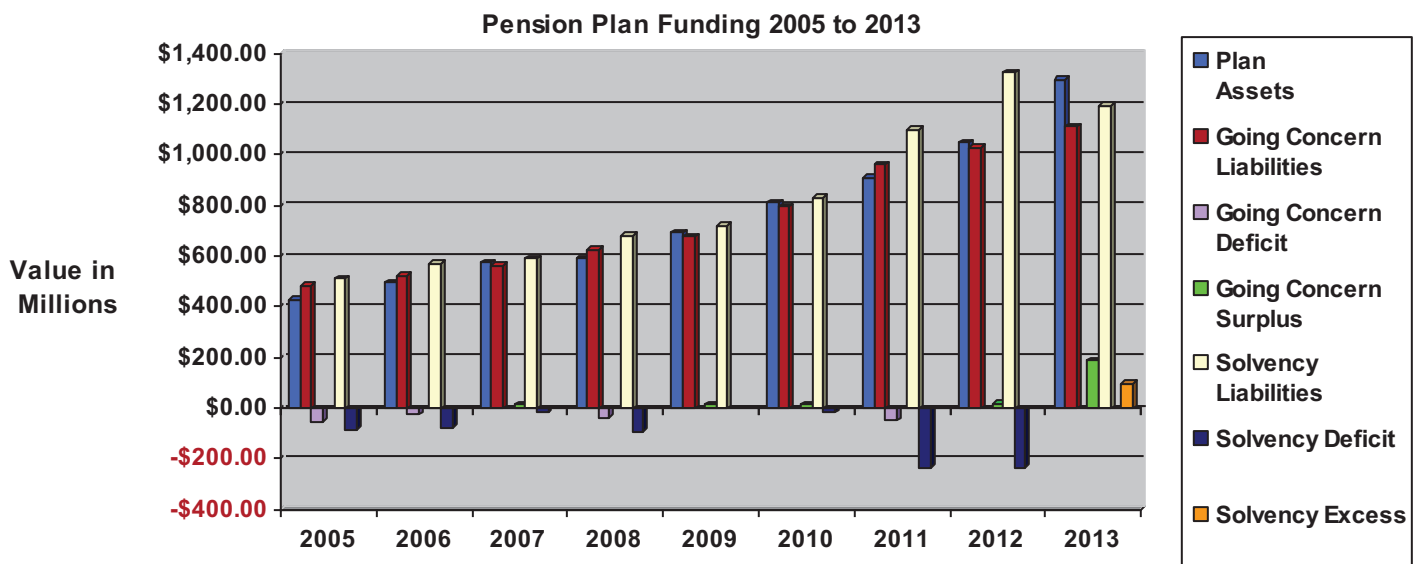
- *The number of hours each member will work in the future.* This assumption predicts the amount of contributions the Pension Fund will receive each year. The contribution rate is set out in the collective agreement and is a defined amount to be paid per hour worked. The more hours worked by Local 488 members, the higher the total amount of contributions that are paid to the Pension

Fund. Contributions are invested and are used to pay the Plan's benefits and the Plan's solvency deficiency. For the 12 months ended December 31, 2013, Local 488 members worked a total of 12.3 million hours, compared to the forecast of 12 million hours. For Fiscal 2014 the Plan's assumption is that Local 488 members will again work 12 million hours. The assumption regarding hours worked is closely monitored at each Trustees' meeting. The Trustees are assuming 12 million hours will be worked by Local 488 members in Fiscal 2014 to Fiscal 2016 inclusive. Starting in Fiscal 2017 it is assumed that hours worked will start to decrease.

For the fiscal year ending December 31, 2013, the actuary provided an Actuarial Cost Certificate to confirm that the current employer contribution rate is sufficient to meet the Pension Plan's current service cost requirements.

The Trustees have filed the actuarial valuation with the Pension Plan regulators.

The Pension Plan's funding status from 2005 to 2013 is shown in the illustration below;



## ACTUARIAL VALUATION (Cont'd)

The Plan's solvency funding ratio dramatically improved to 108% at December 31, 2013 (79% at December 31, 2012). The Plan had a solvency excess of \$98.7 million at the end of Fiscal 2013. At December 31, 2012, the solvency deficiency was \$275.8 million.

Differences between the Plan's funding position of 116% when measured on the going concern basis and a funded ratio of 102% when measured using solvency rules arise only because of the change in the assumptions prescribed for the calculation of solvency funding. Solvency funding assumptions are prescribed by the *Alberta Employment Pension Plans Act*. In particular, for the purpose of a solvency valuation, the actuary must assume that benefits will be purchased at interest rates much lower than the Plan's assumed investment return. For example, one assumption requires that pensioner benefits will be purchased in the annuity market at 3.93% per annum, not 5.50% as assumed by the Plan. The actuary must include prescribed life expectancy tables when calculating the solvency position of the Plan. Assumptions about improvements in life expectancy will

make the Plan's benefits more expensive.

Members were notified in the November 2012 issue of the Pipeline Newsletter as well as on their 2012 Annual Pension Statement that the Pension Plan had applied for, and received, a funding moratorium for solvency. This moratorium was due to expire in 2015. As the solvency position of the Pension Plan has now improved to 108% the Trustees authorized the Plan's Actuary to advise the Alberta Treasury Board & Finance that the Pension Plan will be exiting the moratorium as at January 1, 2014.

Effective January 1, 2007 the Plan was amended to allow a defined contribution benefit accrual for retired Members who return to work in participating employment. For the 12 months ended December 31, 2013 the cost of this benefit was \$4.09 million. This benefit cost the Plan \$2.2 million for the 12 months ended December 31, 2012. In total, the cost of the Plan's defined contribution benefit for retired Members is \$19.2 million.



## Roles and Responsibilities

**A number of parties are responsible for ensuring that the Pension Trust Fund and the Health and Welfare Fund are maintained in a financially sound way that will provide pension and health benefits for members over the long term. They include:**

### Board of Trustees

The Board of Trustees has overall responsibility for the Pension Trust Fund and the Health and Welfare Fund, including supervision of the administration services provider, the investment managers and other delegates in the governance process. The Board is also responsible for the approval of the annual audited financial statements. The Board is made up of:

- four trustees elected by Local Union 488 members,
- three independent trustees selected by a nominating committee comprised of a representative of Local Union 488 and Construction Labour Relations – Alberta (CLRa). Included in this group is the independent chairman.

The Board's Audit Committee meets with the administration services provider and the external auditors to review the financial statements and examine other auditing and accounting matters. The Audit Committee examines the quality of the financial statement disclosure, the accounting principles applied and any significant judgments affecting the financial statements. The audited financial statements in this Report have been approved by the Audit Committee and the Board of Trustees. The Board's Investment Committee meets with investment managers and the investment consultant and makes recommendations to the Trustees in respect of the management of the Fund's investments.

### Administration services provider

The administration services provider is appointed by the Board of Trustees and manages the Pension Trust Fund and the Health and Welfare Fund, and is responsible for providing quality service to the members. The administration services provider develops and maintains high-quality systems for internal accounting and administrative control. These systems are designed to provide reasonable assurance that transactions are properly authorized, reliable financial records are maintained, financial information is timely, accurate and reliable, and assets are appropriately accounted for and adequately safeguarded. The administration services provider is also responsible for preparing financial statements in accordance with Canadian accounting standards for pension plans.

### Actuary

The actuary is appointed by the Board of Trustees and carries out an annual valuation of the Pension Plan's actuarial liabilities in accordance with accepted actuarial principles. This process involves analyzing the benefits to be provided under the Pension Plan, including any increases to benefits. The actuary also provides advice to the Board of Trustees on funding and benefit policies, asset and liability structure, and other matters.

### External auditors

The external auditors are appointed by the Board of Trustees. Their responsibility, the scope of their examination and their opinion is set out in the Independent Auditors' Report. The external auditors have full and unrestricted access to staff of the administration services provider, the Audit Committee and the Board of Trustees to discuss any findings related to the integrity of the financial reporting and the adequacy of internal control systems on which they rely for the purposes of their audit.

### Custodian

The custodian holds the Pension Fund's assets and executes trades under the direction of the Pension Fund's investment managers. The custodian is appointed by the Board of Trustees.

### Investment managers

The investment managers each direct a portfolio of assets on behalf of the Pension Trust Fund or the Health and Welfare Fund. Investment guidelines are set by the Board of Trustees and communicated through a Statement of Investment Policies and Procedures. The investment managers are appointed by the Board of Trustees.

### Investment consultant

The investment consultant is appointed by the Board of Trustees. The consultant is responsible for providing advice in respect of an appropriate asset mix which is designed to protect the benefits promised to members of the Pension Plan. The investment consultant is also engaged to review the performance of the investment managers and to make recommendations about the selection, and retention, of investment managers.







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## **INDEPENDENT AUDITORS' REPORT**

To the Board of Trustees of The Edmonton Pipe Industry Pension Trust Fund

We have audited the accompanying financial statements of The Edmonton Pipe Industry Pension Trust Fund, which comprise the statement of financial position as at December 31, 2013, the statements of changes in net assets available for benefits and changes in pension obligations for the year then ended, and notes, comprising a summary of significant accounting policies and other explanatory information.

### *Management's Responsibility for the Financial Statements*

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Canadian accounting standards for pension plans, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

### *Auditors' Responsibility*

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.



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*Opinion*

In our opinion, the financial statements present fairly, in all material respects, the financial position of The Edmonton Pipe Industry Pension Trust Fund as at December 31, 2013, and the changes in its net assets available for benefits and the changes in its pension obligations for the year then ended in accordance with Canadian accounting standards for pension plans.

Chartered Accountants

May 14, 2014  
Edmonton, Canada

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# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

## Statement of Financial Position

December 31, 2013, with comparative information for 2012

	2013	2012
<b>ASSETS</b>		
Investments (note 4)	\$ 1,275,329,427	\$ 1,038,160,682
Cash	14,279,922	10,143,930
Contributions receivable	5,346,602	5,974,653
Accounts receivable	69,379	61,113
Other assets	15,798	9,425
	<hr/> 1,295,041,128	<hr/> 1,054,349,803
<b>LIABILITIES</b>		
Accounts payable and accrued liabilities	1,241,120	1,491,957
Amounts due to other pension funds (note 5)	1,600,047	1,096,207
Due to The Edmonton Pipe Industry Health and Welfare Fund (note 6)	21,051	19,910
	<hr/> 2,862,218	<hr/> 2,608,074
Net assets available for benefits	1,292,178,910	1,051,741,729
Pension obligations (note 7)	1,116,830,000	1,034,350,000
Accumulated surplus	<hr/> \$ 175,348,910	<hr/> \$ 17,391,729

See accompanying notes to financial statements.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

## Statement of Changes in Net Assets Available for Benefits

Year ended December 31, 2013, with comparative information for 2012

	2013	2012
Increase in net assets:		
Investment and other income (note 8)	\$ 33,838,321	\$ 32,670,652
Foreign currency gains	8,534,046	7,431,289
Net realized gains on the sale of investments	28,888,477	9,450,729
Changes in net unrealized gains	138,491,986	54,498,314
Employer contributions (note 9)	97,145,878	89,691,820
Pension credits and reciprocal transfers in	2,629,088	3,658,106
	<u>309,527,796</u>	<u>197,400,910</u>
Decrease in net assets:		
Benefit payments:		
Retirement	36,310,133	34,485,102
Transfers and lump sum payments	10,381,161	7,289,524
Death benefits	479,188	566,101
Pension credits and reciprocal transfers out	12,844,754	7,514,035
Investment manager and custodian fees	7,875,101	6,100,248
Administrative expenses (note 10)	1,200,278	1,128,415
	<u>69,090,615</u>	<u>57,083,425</u>
Increase in net assets available for benefits	240,437,181	140,317,485
Net assets available for benefits, beginning of year	1,051,741,729	911,424,244
Net assets available for benefits, end of year	<u>\$ 1,292,178,910</u>	<u>\$ 1,051,741,729</u>

See accompanying notes to financial statements.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

## Statement of Changes in Pension Obligations

Year ended December 31, 2013, with comparative information for 2012

	2013	2012
Pension obligations, beginning of year	\$ 1,034,350,000	\$ 945,982,000
Benefits accumulated	60,353,000	58,214,000
Pension credits and reciprocal transfers in	2,629,000	3,577,000
Reciprocal transfers out	(15,000)	(89,000)
Benefits paid	(47,170,000)	(42,363,000)
Interest on pension obligations at 5.50% (2012 - 5.50%)	57,182,000	53,419,000
Impact of assumption changes <sup>1</sup>	6,921,000	19,067,000
Impact of plan amendment <sup>2</sup>	6,284,000	-
Net experience gains, beginning of year	(3,704,000)	(3,457,000)
Pension obligations, end of year <sup>3</sup>	\$ 1,116,830,000	\$ 1,034,350,000

See accompanying notes to financial statements.

<sup>1</sup> Includes changes to the termination scale, the percentage of terminations electing lump sum payment and an adjustment to the termination liability for commuted value interest rates

<sup>2</sup> Includes an upgrade to the single and married normal forms of payment

<sup>3</sup> Includes obligations in respect of defined contribution balances

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements

Year ended December 31, 2013

---

## 1. Description of the Plan:

The United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting Industry of the United States and Canada, Local 488 (the "Union") and the Construction Labour Relations - an Alberta Association Mechanical (Provincial) Trade Division Pursuant to Registration Certificate No. 27 (the "Party Employers") entered into an agreement and declaration of trust dated October 1, 1968 (the "Pension Trust Agreement") which has been amended and restated as of August 13, 2007. The Pension Trust Agreement provides for the establishment, maintenance, investment and administration of a trust fund known as The Edmonton Pipe Industry Pension Trust Fund (the "Pension Fund") created pursuant to The Edmonton Pipe Industry Pension Plan (the "Plan") which includes all restatements and amendments to October 1, 2009. The Plan itself was established pursuant to a collective agreement between the Union and the Party Employers dated May 1, 1965 (the "Collective Agreement") and renewed for the period until April 30, 2015.

The following is a brief summary of the main provisions of the Plan in effect at December 31, 2013. It is not intended as a complete description of the Plan. For more complete information, reference should be made to the Plan documents.

### (a) Eligibility for membership:

The Plan covers employees of the Party Employers that are bound by the Collective Agreement to contribute to the Pension Fund and other parties as determined by the Plan.

### (b) Pension benefit:

Effective October 1, 2010, for each full 100 covered hours, a member earns a monthly pension of \$6.40 for service on or after October 1, 2010. For example, members working 1,800 hours in a year would earn a monthly pension of \$115.20.

### (c) Contributions:

Members do not contribute to the Pension Fund. Employers contribute to the Pension Fund at the rates specified in the Collective Agreement.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

---

## 1. Description of the Plan (continued):

### (d) Retirement dates:

#### (i) Normal retirement date:

The normal retirement date is the first day of the month coincident with or next following the member's 65th birthday.

#### (ii) Early retirement date:

If a member has a vested pension, the member may choose to retire as early as age 55.

#### (iii) Postponed retirement:

Pension commencement may be postponed, and pension credits may continue to accrue up to the end of November of the year during which the member attains age 71.

### (e) Retirement benefits:

#### (i) Normal retirement:

If a member retires on his normal retirement date, the member will be entitled to the pension that was accrued prior to retirement.

#### (ii) Early retirement pension:

If a member retires early, he will be entitled to a pension that is calculated the same way as for a normal retirement. If the member does not qualify for the special early retirement pension:

1. His earned pension is actuarially reduced from age 65; or
2. For a qualified member retiring after age 60, his earned pension is reduced by 3 percent for each year that his actual retirement age precedes the normal retirement age.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

---

## 1. Description of the Plan (continued):

### (e) Retirement benefits (continued):

#### (iii) Early retirement pension (continued):

A qualified member retiring after attaining age 58, but prior to his normal retirement age, is entitled to a special early retirement pension if the sum of his age and years of credited service equal at least 80 points for ages 58 and 59, and 75 points after age 60, provided he has at least 15 years of credited service. The special early retirement pension is an unreduced pension commencing on his early retirement date.

#### (iv) Postponed retirement pension:

A member may elect to postpone retirement. In that case, benefits continue to accrue.

Upon the member's actual retirement date, he will be entitled to his accrued benefit without any actuarial adjustment or increase.

### (f) Survivor benefits:

#### (i) Death prior to receipt of a pension:

If a member not in receipt of a pension dies after accruing a vested pension, his surviving spouse shall receive an immediate lifetime pension. The amount of monthly pension payable to her is the lesser of the amount of the monthly pension earned by the member prior to his death or  $66\frac{2}{3}\%$  of his earned pension plus the amount he would have earned had he worked to age 65, subject to the minimum standards under the Employment Pension Plans Act. In lieu of a monthly pension, the surviving spouse may elect to receive a commuted value equal to the deceased members termination benefit calculated as if the member had terminated at his date of death.

No death benefit is payable in respect of any accrued pension which was not vested in the member at the time of his death. Benefits earned prior to October 1, 1999 vest after the member completes five years of vesting service. Benefits earned after September 30, 1999 vest after the member completes two years of vesting service.

If a member dies without a spouse after obtaining two years of vesting service, the member's beneficiary or estate shall receive the commuted value of any vested pension earned after September 30, 1999.



# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

---

## 1. Description of the Plan (continued):

### (f) Survivor benefits (continued):

#### (ii) Death while in receipt of a pension:

For a member in receipt of a pension who does not have a spouse at the time of his death, all payments would cease upon the death of the member.

For a member who retired prior to January 1, 1992 who has a spouse at the time of his death, 75% of his monthly pension will be payable to his spouse after his death. For a member who retired on or after January 1, 1992 who has a spouse at the time of his death, the normal form of pension provides that 66-2/3% of his monthly pension will be payable to his spouse after his death.

Notwithstanding the foregoing, for a member who retired prior to the introduction of the long-term disability plan who dies prior to age 65 while in receipt of a disability pension, the spouse shall receive a survivor pension equal to the lesser of 66-2/3% of the monthly pension the member was receiving at the time of his death and the amount of pension accrued by the member to the date of his death.

For any member who elected an optional form of pension at the time of his retirement, any applicable survivor benefits will be payable in accordance with the terms of the optional form of pension chosen.

### (g) Termination benefits:

A member terminating membership in the Plan after seven years of vesting service is entitled to receive a deferred pension from the Plan. A member terminating membership in the Plan after five years of vesting service is entitled to a deferred pension from the Plan in respect of his credited service after October 1, 1986. A member terminating his membership in the Plan after two years of vesting service is entitled to a deferred pension from the Plan in respect of his credited service after October 1, 1999. A member terminating membership before two years of vesting service is not entitled to receive any benefits from the Plan.

The normal, special and early retirement provisions applicable to a qualified member with deferred pension entitlements correspond to the provisions applicable to a qualified member as noted under the Retirement benefits section above. For other members entitled to deferred pensions, the pension is payable commencing at age 65. However, a member may elect to receive an actuarially reduced early retirement pension as early as age 55.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

---

## 1. Description of the Plan (continued):

### (g) Termination benefits (continued):

If a member is entitled to a deferred pension, he may also transfer the commuted value of that pension into another retirement vehicle in accordance with the applicable federal and provincial legislation.

### (h) Disability:

A member who is in receipt of benefits from the long-term disability plan sponsored by The Edmonton Pipe Industry Health and Welfare Fund ("Health and Welfare Fund") shall be credited with deemed hours of covered employment at the average rate earned by all active members during the previous plan year.

All other members with a vested pension who become totally and permanently disabled are entitled to receive an immediate monthly pension equal to the vested pension earned prior to their becoming disabled.

### (i) Post retirement benefits for retired members:

An amendment to the Plan was approved by the Trustees on September 7, 2007, effective January 1, 2007, to permit contributions for retired members under age 71 returning to work with a contributing employer to accrue for the benefit of the retired member. The contributions received by the Pension Fund, for work periods after the retired members' initial retirement date, are held with the general assets of the Pension Fund and are immediately vested. For work periods after the retired member's initial retirement date and prior to October 1, 2009, the entire employer contribution accrues for the benefit of the retired member. For work periods after the retired member's initial retirement date and after September 30, 2009, a portion of the employer contribution, based on the Plan's current service cost rate, accrues for the benefit of the retired member. Upon subsequent retirement, a benefit will be transferred to a Locked-In Retirement Account ("LIRA") on behalf of the retired member.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

---

## 2. Basis of preparation:

### (a) Basis of presentation:

These financial statements have been prepared by management in accordance with Canadian accounting standards for pension plans and present information about the aggregate financial position of the Pension Fund and the net assets available to meet future benefit payments.

In selecting or changing accounting policies that do not relate to its investment portfolio, Canadian accounting standards for pension plans require the Pension Fund to comply (on a consistent basis) with either International Financial Reporting Standards ("IFRS") in Part I of the CPA Canada Handbook - Accounting or Canadian accounting standards for private enterprises in Part II of the CPA Canada Handbook - Accounting. The Pension Fund has chosen to comply on a consistent basis with IFRS.

These financial statements are prepared to assist Plan members and others in reviewing the activities of the Plan for the fiscal period but they do not portray the funding requirements of the Plan or the benefit security of individual Plan members.

### (b) Basis of measurement:

The financial statements have been prepared on the historical cost basis except for financial instruments which are recorded at fair value through changes in net assets available for benefits.

### (c) Functional and presentation currency:

These financial statements are presented in Canadian dollars, which is the Pension Fund's functional currency.

### (d) Use of estimates and judgements:

The preparation of the financial statements in conformity with Canadian accounting standards for pension plans requires management to make judgements, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets and liabilities at the date of the statement of financial position and the reported amounts of changes in net assets available for benefits during the year. Actual results may differ from those estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future years affected.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

---

## 3. Significant accounting policies:

### (a) Foreign currency:

Transactions in foreign currencies are translated into Canadian dollars at the exchange rate at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies at the reporting date are translated into Canadian dollars at the exchange rate at that date.

Foreign currency differences arising on translation are recognized in the statement of changes in net assets available for benefits as change in net unrealized gains.

### (b) Investment transactions, income recognition and transaction costs:

#### (i) Investment transactions:

Investment transactions are accounted for on a trade date basis.

#### (ii) Income recognition:

Income from investments is recorded on an accrual basis and includes interest income, dividends, pooled investment income and earnings from private equity and alternative fixed income investments.

#### (a) Interest:

Interest income, including interest income from non-derivative financial assets at fair value through profit or loss, are recognized in the statement of changes in net assets available for benefits, using the effective interest method.

#### (b) Dividend income:

Dividend income is recognized in the statement of changes in net assets available for benefits on the date that the right to receive payment is established, usually the ex-dividend date.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

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## 3. Significant accounting policies (continued):

(b) Investment transactions, income recognition and transaction costs (continued):

(iii) Income recognition (continued):

(c) Pooled investment income:

Income from pooled investments is comprised of interest, dividends and realized gains from Canadian and foreign sources and is recognized in the statement of changes in net assets available for benefits when earned.

(d) Earnings from private equity and alternative fixed income investments:

Income from private equity and alternative fixed income investments is comprised of interest, real estate operating income and other investment related income and is recognized in the statement of changes in net assets available for benefits when earned.

(iv) Transaction costs:

Brokers' commissions and other transaction costs are recognized in the statement of changes in net assets available for benefits when incurred.

(c) Financial assets and financial liabilities:

(i) Non-derivative financial assets:

Financial assets are recognized initially on the trade date, which is the date that the Pension Fund becomes a party to the contractual provisions of the instrument.

The Pension Fund derecognizes a financial asset when the contractual rights to the cash flows from the asset expire, or it transfers the rights to receive the contractual cash flows in a transaction in which substantially all the risks and rewards of ownership of the financial asset are transferred or in which the Pension Fund neither transfers nor retains substantially all the risks and rewards of ownership and does not retain control of the financial asset.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

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### 3. Significant accounting policies (continued):

#### (c) Financial assets and financial liabilities (continued):

##### (i) Non-derivative financial assets (continued):

On de-recognition of a financial asset, the difference between the carrying amount of the asset, and consideration received is recognized in the statement of changes in net assets available for benefits as a net realized gain on sale of investments.

The Pension Fund classifies all of its financial assets at fair value through the statement of changes in net assets available for benefits if it is classified as held for trading or is designated as such upon initial recognition. Financial assets are designated at fair value through the statement of changes in net assets available for benefits if the Pension Fund manages such investments and makes purchase and sale decisions based on their fair value in accordance with the Pension Fund's documented risk management or investment strategy. Upon initial recognition, attributable transaction costs are recognized in the statement of changes in net assets available for benefits as incurred. Financial assets at fair value through the statement of changes in net assets available for benefits are measured at fair value and changes therein are recognized in the statement of changes in net assets available for benefits.

##### (ii) Financial liabilities:

All financial liabilities are recognized initially on the trade date at which the Pension Fund becomes a party to the contractual provisions of the instrument.

The Pension Fund derecognizes a financial liability when its contractual obligations are discharged, cancelled or expire.

Financial assets and liabilities are offset and the net amount presented in the statement of financial position when the Pension Fund has a legal right to offset the amounts and it intends either to settle on a net basis or to realize the asset and settle the liability simultaneously.

The Pension Fund considers its accounts payable and accrued liabilities, amounts due to other pension funds and due to the Edmonton Pipe Industry Health and Welfare Fund to be financial liabilities.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

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### 3. Significant accounting policies (continued):

(d) Fair value measurement:

Fair value is the amount for which an asset could be exchanged, or a liability settled, between knowledgeable, willing parties in an arm's length transaction on the measurement date.

In determining fair value, the Pension Fund has adopted the guidance in IFRS 13, Fair Value Measurement ("IFRS 13"), in Part I of the CPA Canada Handbook. As allowed under IFRS 13, if an asset or a liability measured at fair value has a bid and an ask price, the price within the bid-ask spread that is the most representative of fair value in the circumstances shall be used to measure fair value. The Pension Fund uses closing market price as a practical expedient for fair value measurement.

When available, the Pension Fund measures the fair value of an instrument using quoted prices in an active market for that instrument. A market is regarded as active if quoted prices are readily and regularly available and represent actual and regularly occurring market transactions on an arm's length basis.

If a market for a financial instrument is not active, then the Pension Fund establishes fair value using valuation techniques that include using recent arm's length transactions between knowledgeable, willing parties (if available), reference to the current fair value of other instruments that are substantially the same, discounted cash flow analyses and option pricing models.

The best evidence of the fair value of a financial instrument at initial recognition is the transaction price, i.e. the fair value of the consideration given or received, unless the fair value of that instrument is evidenced by comparison with other observable current market transactions in the same instrument or based on a valuation technique whose variables include only data from observable markets. When transaction price provides the best evidence of fair value at initial recognition, the financial instrument is initially measured at the transaction price and any difference between this price and the value initially obtained from a valuation model is subsequently recognized in profit or loss on an appropriate basis over the life of the instrument but not later than when the valuation is supported wholly by observable market data or the transaction is closed out.

All changes in fair value, other than interest and dividend income and expense, are recognized in the statement of changes in net assets available for benefits as part of the changes in net unrealized gains.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

---

## 3. Significant accounting policies (continued):

### (d) Fair value measurement (continued):

Fair values of investments are determined as follows:

- (i) Cash and cash equivalents are recorded at cost, which together with accrued interest income, approximates fair value.
- (ii) Canadian and non-Canadian equities and fixed income securities are valued on the basis of quoted closing prices where available. Where quoted prices are not available, estimated values are calculated using comparable securities.
- (iii) Private equities, infrastructure investments, real estate investments and other alternative fixed income investments are held through ownership in limited partnership arrangements or other similar investment vehicles. Fair value is determined based on relevant information reported by the General Partner using accepted industry valuation methods using valuations as of December 31 being the most recently available market information. These methods include considerations such as earnings multiples of comparable publicly-traded companies, discounted cash flows and third party transactions, or other events which would suggest a change in value of the investment.

### (e) Common expenses:

Certain expenses are shared equally between the Pension Fund and the Health and Welfare Fund, an organization operated out of the same premises and under the same Board of Trustees and management.

### (f) Income taxes:

The Plan is a registered pension plan, as defined by the Income Tax Act (Canada) and, accordingly, is not subject to income taxes.



# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

## 4. Investments:

	2013	2012
By investment manager:		
Direct investments:		
Letko, Brosseau & Associates Inc.	\$ 271,227,215	\$ 223,692,490
	271,227,215	223,692,490
Pooled funds:		
Phillips, Hager & North Investment Management Ltd.	200,684,660	212,904,528
CIBC Global Asset Management Inc.	2,642,346	2,465,928
Connor, Clark & Lunn Investment Management Ltd.	108,332,532	86,417,276
QV Investors Inc.	124,428,500	105,323,011
Gryphon International Investment Corporation	191,925,384	143,557,486
Orbis Institutional Global Equity	78,638,546	52,566,948
	706,651,968	603,235,177
Alternative fixed income:		
Brookfield Asset Management Inc.	14,538,683	5,892,361
Duet European Real Estate Debt Fund	29,447,903	13,280,494
Marathon Legacy Securities Investment Fund	138,018	5,261,354
Trez Capital Finance LP	36,768,747	30,289,796
Trez Capital Yield Trust (formerly Bison Income Trust)	1,215,264	1,284,726
Velocity Trade	42,765	422,331
Wellington Financial LP	8,651,982	7,571,677
	90,803,362	64,002,739
Infrastructure:		
Brookfield Asset Management Inc.	22,824,535	14,007,472
Infracapital	10,512,487	11,918,291
JP Morgan Infrastructure Investments Fund	20,936,942	18,019,905
	54,273,964	43,945,668
Private equities:		
Brookfield Asset Management Inc.	6,203,925	3,664,086
Clairvest Equity Partners	7,091,510	3,831,934
GE Asset Management Fund	1,646,771	1,304,531
Marathon Special Opportunity Fund	26,590,000	-
MB Global Partners	420,686	-
Northleaf Capital Partners	11,773,761	9,158,785
Standard Life Assurance Company of Canada	10,952,757	9,730,140
	64,679,410	27,689,476

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

## 4. Investments (continued):

	2013	2012
By investment manager (continued):		
Real estate:		
Bentall Kennedy Prime Canadian Property Fund	23,643,575	21,877,418
Brookfield Asset Management Inc.	26,019,939	17,913,758
Standard Life Assurance Company of Canada	38,029,994	35,803,956
	87,693,508	75,595,132
	\$ 1,275,329,427	\$ 1,038,160,682

	2013	%	2012	%
By investment type:				
Cash and cash equivalents	\$ 11,958,300	0.9	\$ 13,266,625	1.3
Canadian equities	346,105,705	27.1	277,312,823	26.7
Non-Canadian equities	338,446,508	26.5	251,012,959	24.2
Fixed income securities	281,368,670	22.1	285,335,260	27.5
Alternative fixed income	90,803,362	7.1	64,002,739	6.2
Infrastructure	54,273,964	4.3	43,945,668	4.2
Private equities	64,679,410	5.1	27,689,476	2.7
Real estate	87,693,508	6.9	75,595,132	7.3
	\$ 1,275,329,427	100.0	\$ 1,038,160,682	100.0

## 5. Amounts due to other pension funds:

The Pension Fund has entered into reciprocal agreements with other pension funds. These agreements provide that contributions received on account of employees working outside of their local union jurisdiction are remitted on a monthly basis to the Pension Fund of which they are a member.

## 6. Due to The Edmonton Pipe Industry Health and Welfare Fund:

The amount due to the Health and Welfare Fund is non-interest bearing, unsecured and has no set terms of repayment.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

## 7. Pension obligations:

These financial statements do not purport to indicate whether the assets of the Pension Fund, together with investment earnings thereon, plus future contributions, will be sufficient to finance all benefits to be provided under the Plan.

An actuarial valuation of the pension obligations of the Pension Plan was carried out by Mercer (Canada) Limited ("Mercer") and their determination of the funded position of the Pension Plan as of December 31, 2013. The pension obligations of the Pension Plan for the year ended December 31, 2012 were based on an actuarial valuation carried out by Mercer as of December 31, 2011 extrapolated to December 31, 2012. The actuarial valuations and extrapolations were conducted on a going-concern basis whereby the relationship between assets and the value of accumulated benefits is determined using the unit credit actuarial cost method assuming the Plan is maintained indefinitely.

The assumptions used in determining the pension obligations were developed as the best estimate of expected future market conditions and other future events. After consultation with Mercer, the Board of Trustees adopted these best estimates. The major assumptions used in the valuations and related extrapolations, with comparison to the actual results, are as follows:

	2013		2012	
	Valuation assumption	Actual	Extrapolation assumption	Actual
Investment return	5.50%	19.00%	5.50%	10.40%
Hours worked	13,029,597	13,029,597	12,000,000	12,677,358

Investment return represents investment income net of investment manager and custodian fees.

The mortality table assumption used for the 2013 valuation is 120% of the CPM2014 Private table with generational improvements using scale CPM-B (2012 – 90% of the RP2000 (mixed collar) mortality with generation improvement after 2008).

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

## 7. Pension obligations (continued):

The Plan's funded position on a going concern basis is as follows:

	2013	2012
Net assets available for benefits	\$ 1,292,178,910	\$ 1,051,741,729
Actuarial liability - present value of accrued benefits for:		
Active members	567,361,000	534,581,000
Pensioners and survivors	426,975,000	391,086,000
Disabled pensioners	39,464,000	40,213,000
Deferred pensioners	63,787,000	55,476,000
Post-retirement benefits for active retired members	19,243,000	12,994,000
	1,116,830,000	1,034,350,000
Funding excess (deficiency) as determined on a going concern basis	\$ 175,348,910	\$ 17,391,729
Funded ratio	116%	102%

## 8. Investment and other income:

	2013	2012
By investment type:		
Direct investments:		
Interest	\$ 3,416,448	\$ 3,546,879
Dividends	5,020,473	4,848,402
Pooled funds	17,367,674	16,074,669
Alternative fixed income, infrastructure, real estate and private equities	7,636,773	7,923,987
Other income	396,953	276,715
	\$ 33,838,321	\$ 32,670,652

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

## 9. Employer contributions:

Commencing May 1, 2010, contributions are made by employers at a negotiated rate of \$6.61 per hour. The *Alberta Employment Pension Plans Act* prescribes the minimum contributions that must be made to the Pension Fund. The minimum contributions in respect of a defined benefit component of a pension plan are comprised of going concern current services cost and special payments to fund any going concern or solvency shortfalls. As permitted by the *Employment Pension Plans Amendment Regulation, 2011*, the Trustees have elected a three year moratorium from funding the solvency shortfall.

The minimum required contribution rates sufficient to meet the funding needs of the Pension Fund are as follows:

	2013	2012
Current service cost	\$ 4.732	\$ 4.692
Special payments – unfunded liability	0.000	0.541
Special payments – solvency deficiency	0.000	0.000
Total minimum required contribution rate	4.732	5.233
Average negotiated contribution rate	6.610	6.610
Net margin	\$ 1.878	\$ 1.377

The negotiated employer contribution rate is sufficient to meet the current service and special payment requirements of the Pension Fund.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

## 10. Administrative expenses:

	2013	2012
Direct expenses:		
Administration fees	\$ 386,432	\$ 373,664
Actuarial and consulting fees	241,196	267,600
Investment consulting fees	159,993	162,839
Independent trustees	75,125	71,107
Audit	91,590	45,000
Legal	82,431	36,465
Registration	15,000	20,000
Other expenses	10,136	9,425
	<u>1,061,903</u>	<u>986,100</u>
Common expenses shared with the Health and Welfare Fund (note 3(e)):		
Rent	127,932	127,932
Office expenses	60,008	64,098
Annual report to members	60,164	64,304
Travel, conferences and meeting expenses	7,094	5,382
Postage	17,907	19,313
Other shared expenses	3,645	3,601
	<u>276,750</u>	<u>284,630</u>
Less Health and Welfare Fund share	<u>(138,375)</u>	<u>(142,315)</u>
	<u>138,375</u>	<u>142,315</u>
	<u>\$ 1,200,278</u>	<u>\$ 1,128,415</u>

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

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## 11. Capital risk management:

The main objective of the Pension Fund is to sustain a certain level of net assets in order to meet the pension obligations of the Plan. The Pension Fund fulfils its primary objective by adhering to specific investment policies outlined in its Statement of Investment Policies and Procedures (the "SIPP"), which is reviewed annually by the Pension Fund Trustees. The Pension Fund manages net assets by engaging knowledgeable investment managers who are charged with the responsibility of investing existing funds and new funds in accordance with the approved SIPP. Increases in net assets are a direct result of investment income generated by investments held by the Pension Fund and contributions into the Pension Fund by Party Employers. The use of net assets is for benefit payments to eligible Plan members.

## 12. Financial instruments:

### (a) Fair values:

The fair values of investments are as described in note 3(d). The fair values of other financial assets and liabilities, being cash, contributions receivable, accounts receivable, accounts payable and accrued liabilities, amounts due to other pension funds and due to The Edmonton Pipe Industry Health and Welfare Fund, approximate their carrying values due to the short-term nature of these financial instruments.

Fair value measurements recognized in the statement of net assets available for benefits are categorized using a fair value hierarchy that reflects the significance of inputs used in determining the fair values.

- Level 1 - unadjusted quoted prices in active markets for identical assets or liabilities;
- Level 2 - inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly or indirectly; and
- Level 3 - inputs for assets and liabilities that are not based on observable market data.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

## 12. Financial instruments (continued):

The following table illustrates the classification of the Pension Fund's financial instruments using the fair value hierarchy:

2013	Level 1	Level 2	Level 3	Total
Cash and cash equivalents	\$ 11,958,300	\$ -	\$ -	\$ 11,958,300
Canadian equities	113,349,220	232,756,485	-	346,105,705
Non-Canadian equities	67,902,830	270,543,678	-	338,446,508
Fixed income securities	-	281,368,670	-	281,368,670
Alternative fixed income	-	-	90,803,362	90,803,362
Infrastructure	-	-	54,273,964	54,273,964
Private equities	-	-	64,679,410	64,679,410
Real estate	-	-	87,693,508	87,693,508
	\$ 193,210,350	\$ 784,668,833	\$ 297,450,244	\$ 1,275,329,427

2012	Level 1	Level 2	Level 3	Total
Cash and cash equivalents	\$ 13,266,625	\$ -	\$ -	\$ 13,266,625
Canadian equities	85,576,226	191,736,597	-	277,312,823
Non-Canadian equities	54,913,732	196,099,228	-	251,012,960
Fixed income securities	-	285,335,260	-	285,335,260
Alternative fixed income	-	-	64,002,739	64,002,739
Infrastructure	-	-	43,945,668	43,945,668
Private equities	-	-	27,689,475	27,689,475
Real estate	-	-	75,595,132	75,595,132
	\$ 153,756,583	\$ 673,171,085	\$ 211,233,014	\$ 1,038,160,682



# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

## 12. Financial instruments (continued):

The following table reconciles the Pension Fund's Level 3 fair value measurements for the years ended December 31:

2013	Alternative fixed income	Private equities	Infrastructure	Real estate	Total
Balance, beginning of year	\$ 64,002,739	\$ 27,689,476	\$ 43,945,668	\$ 75,595,132	\$ 211,233,015
Change in cash balance held with investment managers	2,243,908	-	431,719	-	2,675,627
Gain (loss) included in income	4,224,226	6,112,242	7,245,919	5,907,173	23,489,560
Purchases	26,103,199	35,078,651	6,239,212	9,810,575	77,231,637
Disposals	(8,775,042)	(1,864,354)	(4,083,169)	(7,355,570)	(22,078,135)
Net investment activity within investment manager	3,004,332	(2,336,605)	494,615	3,736,198	4,898,540
<b>Balance, end of year</b>	<b>\$ 90,803,362</b>	<b>\$ 64,679,410</b>	<b>\$ 54,273,964</b>	<b>\$ 87,693,508</b>	<b>\$ 297,450,244</b>

2012	Alternative fixed income	Private equities	Infrastructure	Real estate	Total
Balance, beginning of year	\$ 37,548,997	\$ 23,147,655	\$ 23,999,904	\$ 70,561,223	\$ 155,257,779
Change in cash balance held with investment managers	-	-	279,266	226,991	506,257
Gain (loss) included in income	5,819,490	(682,438)	(209,328)	6,656,639	11,584,363
Purchases	17,255,262	-	11,880,249	1,410,316	30,545,827
Net investment activity within investment manager	3,378,990	5,224,259	7,995,577	(3,260,037)	13,338,789
<b>Balance, end of year</b>	<b>\$ 64,002,739</b>	<b>\$ 27,689,476</b>	<b>\$ 43,945,668</b>	<b>\$ 75,595,132</b>	<b>\$ 211,233,015</b>

There were no significant transfers between Level 1, Level 2 and Level 3 during the year ended December 31, 2013.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

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## 12. Financial instruments (continued):

### (b) Associated risks:

#### (i) Market price risk:

Market price risk is the risk that the value of an instrument will fluctuate as a result of changes in market prices, whether those changes are caused by factors specific to an individual investment, its issuer or all factors affecting all instruments traded in the market. As all of the Pension Fund's financial instruments are carried at fair value with fair value changes recognized in the statement of changes in net assets available for benefits, all changes in market conditions will directly result in an increase (decrease) in net assets. Market price risk is managed by the Plan through construction of a diversified portfolio of instruments traded on various markets and across various industries.

The Pension Fund's investments in equities are also sensitive to market fluctuations. An immediate hypothetical decline of 10% in Canadian and non-Canadian equity values will impact the Pension Fund's equity investments by an approximate loss of \$68,455,221 (2012 - \$52,832,578).

#### (ii) Liquidity risk:

Liquidity risk is the risk that an entity will encounter difficulty in meeting obligations associated with financial liabilities.

Approximately 75.7% (2012 – 78.4%) of the Pension Fund's investments are in securities traded in public markets. These include Canadian and non-Canadian equity, which is approximately 53.7% (2012 – 50.9%) of the Pension Fund's total investments, cash and fixed income securities (classified as either Level 1 or 2 in the fair value hierarchy). Although market events could lead to some investments becoming illiquid, the diversity of the Pension Fund portfolios should ensure that liquidity is available for benefit payments. The Pension Fund also maintains cash on hand for liquidity purposes to pay accounts payable and accrued liabilities and to make additional investments. At December 31, 2013, the Pension Fund had cash in its operating bank account in the amount of \$14,279,922 (2012 - \$10,143,930) and in its investment accounts in the amount of \$11,958,300 (2012 - \$13,266,625).

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

---

## 12. Financial instruments (continued):

(b) Associated risks (continued):

(ii) Liquidity risk (continued):

The following table summarizes the maturities of the fixed income securities held as direct investments at the end of the period by the earlier of the contractual re-pricing dates or the maturity dates:

	2013	2012
Contractual re-pricing date for fixed rate instruments:		
Within 1 year	\$ 6,895,163	\$ 9,581,409
1 to 5 years	5,922,955	4,690,272
5 to 10 years	58,219,432	46,160,491
Over 10 years	18,014,163	22,052,610
	<u>\$ 89,051,713</u>	<u>\$ 82,484,782</u>

(iii) Foreign currency risk:

Foreign currency risk is the risk that the value or future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates. The Pension Fund primarily invests in financial instruments and enters into transactions denominated in various foreign currencies, other than its measurement currency. Consequently, the Pension Fund is exposed to risk that the exchange rates of the various currencies may change in a manner that has an adverse effect on the value of the portion of the Pension Fund's assets or liabilities denominated in currencies other than the Canadian dollar.

(iv) Credit risk:

Credit risk is the risk that an issuer or counterparty will be unable or unwilling to meet a commitment that it has entered into with the Pension Fund. Credit risk is generally higher when a non-exchange traded financial instrument is involved because the counterparty for non-exchange traded financial instruments is not backed by an exchange clearing house.

# THE EDMONTON PIPE INDUSTRY PENSION TRUST FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

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## 12. Financial instruments (continued):

(b) Associated risks (continued):

(iv) Credit risk (continued):

The Pension Fund's fixed income investments are primarily in Canadian-issued instruments and are diversified among federal, provincial, corporate and other issuers. In order to minimize the exposure to credit risk, a comprehensive investment policy has been developed which limits the purchase of fixed income securities to those having a credit rating of BBB or higher by the Dominion Bond Rating Service. There were no significant concentrations of credit risk in the portfolio in either 2013 or 2012. The maximum credit risk exposure as at December 31, 2013 is \$519,555,485 (2012 - \$474,914,575), comprised of contributions receivable and accounts receivable of \$5,415,981 (2012 - \$6,035,776) and fixed income securities, alternative fixed income, infrastructure and real estate investments of \$514,139,504 (2012 - \$468,878,799).

(v) Interest rate risk:

Interest rate risk is the risk that the market value of the Pension Fund's investments will fluctuate due to changes in market interest rates. To properly manage the Pension Fund's interest rate risk, appropriate guidelines on the weighting and duration for the bonds and other fixed income investments are set and monitored. The Pension Fund's investments in fixed income are sensitive to interest rate movements. An immediate hypothetical 100 basis point or 1% increase in interest rates, with all other variables held constant, would impact fixed income investments by an estimated loss of \$6,900,470 (2012 - \$6,409,872).

## THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

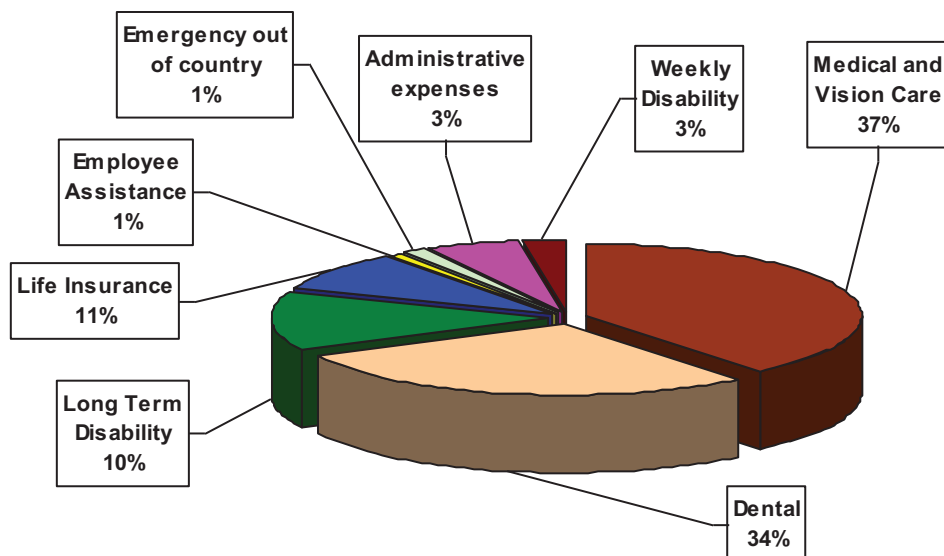
### HEALTH AND WELFARE FUND HIGHLIGHTS AND COMMENTARY

The Trustees of the Health and Welfare Fund have the objective of providing a plan of benefits to covered Members to help offset normal health care expenses. In addition the Plan is designed to provide valuable benefits to help the Members and their families when there are major events such as death and disability. The Health and Welfare Plan provides life insurance, disability and health care benefits to active and disabled Members. The Plan provides life insurance, health and dental care benefits to retired Members. The Plan also provides health and dental benefits to the widows of active and retired Members. We believe the Plan contributes to the overall good health and well being of Plan Members and their families.

During the 12 months ended December 31, 2013, on average, the Plan provided benefits to 6,700 active Members. During the 12 months ended December 31, 2012 the Plan, on average, covered 6,510 active Members. The Plan also provided benefits to 1,119 retired Members, 21 disabled Members and 330 widows of Members. The Plan provided 140 Members with benefits under the self-payment program.

The Trustees also have the adequate funding of the Plan as an important objective. The Plan is financed under several funding arrangements including insurance policies underwritten by Manulife Financial. The Plan's medical, dental, vision care and weekly disability benefits are funded solely by the assets of the Health and Welfare Fund – there is no insurance contract guaranteeing the payment of these benefits. The Fund bears all of the risk of claims arising under these benefits. If there is not enough funding available to pay benefits, the Trustees would amend the Plan to bring funding in line with the cost of benefits.

During Fiscal 2013 the Fund issued payments of over \$17.9 million to cover the claims for eligible health care, dental, short term disability and vision care claims of Members and their families. This chart illustrates all expenses in Fiscal 2013:



## HEALTH AND WELFARE FUND HIGHLIGHTS AND COMMENTARY (Cont'd)

In order to offer sustainable benefits to Plan Members, the Trustees must continually monitor the financial experience of the Plan. This ongoing examination of funding and benefit usage will help to ensure that the Plan has the necessary resources needed to meet the potential liabilities of the Plan. The liabilities of the Plan will fluctuate because of changes in our demographics and the Trustees must ensure that the Plan is responsive to the changing health care needs of the Members. The average age of our membership is increasing. Retired Member benefits are very highly subsidized by the Fund and, as the Plan covers more Retired Members, we must be careful to hold enough in reserve to support the coverage allowed under the Plan. Inflation and utilization in health care are also important trends monitored by the Trustees.

After a careful review of the Plan's coverage and contributions, the Trustees announced the Plan would be improved as follows:

1. Effective with dental expenses incurred on/after July 1, 2013, eligible expenses were reimbursed on the basis of the 2012 fee guide used by the Plan;
2. Effective with eligible dental expenses incurred on/after January 1, 2014, the maximum benefit was increased from \$2,750 to \$3,000 per person, per calendar year.

3. Effective July 1, 2013, the life insurance benefit for Active members was increased from \$50,000 to \$100,000.
4. Effective March 1, 2014 the Trustees implemented a Drug and Alcohol Rehabilitation Benefit for Active members and their dependants. This benefit offers a \$5,000 per person lifetime maximum benefit.

In addition to providing excellent health care benefits, the Trustees have set a standard for clear, accurate and timely communication with Members. A very good resource for information about the Plan is the Plan's Web Site, **[www.epibenefitplans.com](http://www.epibenefitplans.com)**. Changes to the Plan are always communicated to Members in newsletters.

The Trustees set high standards for services offered to Members. The Benefit Office staff is experienced and ready to help Members achieve the best the Plan has to offer. Hundreds of Members visit the Benefit Office for one-on-one assistance from staff.

It is not necessary to call ahead if you wish to drop in to have a claim paid. It is recommended that you call ahead if you would like to have a personal discussion with staff – so that the Benefit Office can assure the right resources are available to help.

## HEALTH AND WELFARE FUND HIGHLIGHTS AND COMMENTARY (Cont'd)

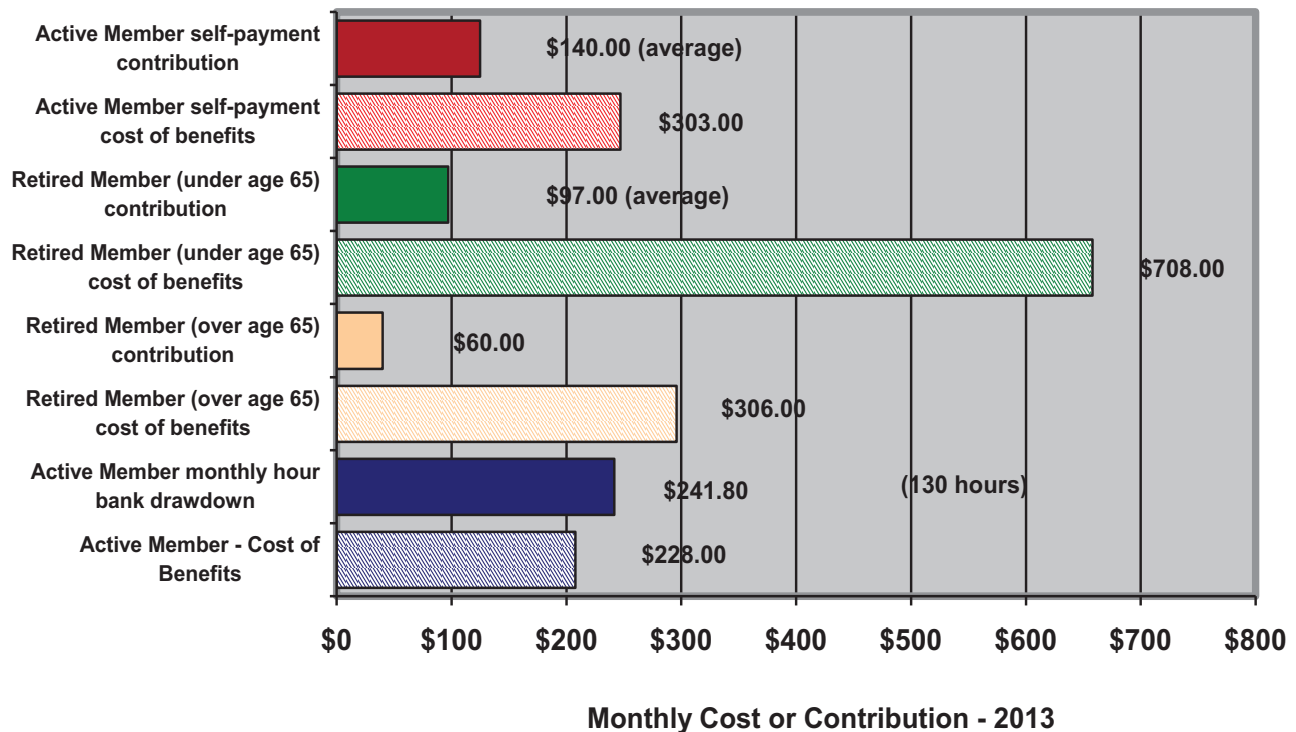
### Funding of Welfare Plan Benefits

At December 31, 2013 the Fund had sufficient assets on hand to provide benefits to active Members for the entire amount deposited to their hour banks. The Fund also retained sufficient monies to provide retiree benefits for a period of 60 months (increased from 36 months in prior years).

Retiree benefits are an important feature of the Plan. Benefits provided to Retirees are highly subsidized by the Plan. The Trustees have made the decision to provide these benefits as long as the funding for them is available and there are no legislative barriers to providing them. The Trustees may change the type of benefit provided, or the amount retired Members pay to the Plan for benefits, in order to secure the appropriate level of funding.

After the Fund had set aside sufficient money to cover its defined liabilities, the Fund held unallocated net assets available for benefits of \$64 million.

The following graph shows the relationship between the average monthly self-payment contribution, or hour bank drawdown, and the average monthly cost of benefits paid by the Plan for the 12 months ended December 31, 2013.



## HEALTH AND WELFARE FUND HIGHLIGHTS AND COMMENTARY (Cont'd)

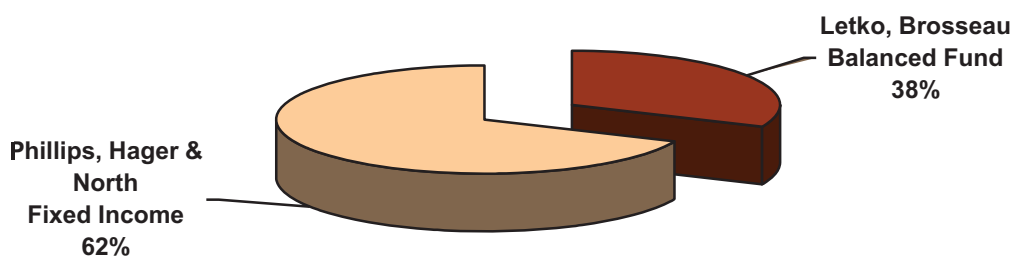
The chart below shows how the average monthly cost of benefits has changed compared to 2011 and 2012:

Classification	Fiscal 2013 Average Monthly Cost of Benefits	Fiscal 2012 Average Monthly Cost of Benefits	Fiscal 2011 Average Monthly Cost of Benefits	Change in Cost of Benefits 2012 to 2013	Change in Cost of Benefits 2011 to 2013
Active Members using self- payment	\$303.00	\$247.00	\$217.00	+22.7%	+39.7%
Retired Members under age 65	\$708.00	\$658.00	\$661.00	7.5%	+7.2%
Retired Members over age 65	\$306.00	\$296.00	\$303.00	3.3%	+1.0%
Active Members	\$228.00	\$208.00	\$188.00	+9.6%	+21.3%

## WELFARE FUND INVESTMENTS

The Fund's investments are governed by an investment policy approved by the Trustees. Investment income is important to the Fund because, as shown above, some of the Plan's benefits are highly subsidized. Investment income helps to support the subsidies. Without investment income, earned under a conservative investment mandate, the active Members' hour bank drawdown would be higher. The Fund's investment policy ensures that there are sufficient liquid assets on hand to pay benefits and premiums. The investment policy also allows some assets to be invested in longer-term securities.

The Fund earned investment income of \$2.94 million in Fiscal 2013 (\$2.87million in Fiscal 2012). Investment income is earned from a balanced portfolio managed by Letko, Brosseau & Associates. At December 31, 2013, the assets managed by Letko, Brosseau had a market value of \$40.3 million. The Fund also has an investment of \$64.9 million managed by Phillips, Hager & North Investment Funds Ltd. This investment is in short term bonds which addresses the Fund's need for security of capital and liquidity. A snapshot of where the Fund's assets are invested follows:







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## INDEPENDENT AUDITORS' REPORT

To the Board of Trustees of The Edmonton Pipe Industry Health and Welfare Fund

We have audited the accompanying financial statements of The Edmonton Pipe Industry Health and Welfare Fund, which comprise the statement of financial position as at December 31, 2013, and the statement of changes in net assets available for benefits for the year then ended, and notes, comprising a summary of significant accounting policies and other explanatory information.

### *Management's Responsibility for the Financial Statements*

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Canadian accounting standards for pension plans, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

### *Auditors' Responsibility*

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

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### *Opinion*

In our opinion, the financial statements present fairly, in all material respects, the financial position of The Edmonton Pipe Industry Health and Welfare Fund as at December 31, 2013, and the changes in its net assets available for benefits for the year then ended in accordance with Canadian accounting standards for pension plans.

Chartered Accountants

May 14, 2014  
Edmonton, Canada

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# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

## Statement of Financial Position

December 31, 2013, with comparative information for 2012

	2013	2012
<b>ASSETS</b>		
Cash	\$ 10,404,310	\$ 7,046,155
Investments (note 4)	105,241,095	95,529,976
Contributions receivable - employer	1,883,976	1,970,135
Accrued investment income	10,194	9,474
Prepaid expenses and deposits	915	2,232
Due from The Edmonton Pipe Industry Pension Trust Fund (note 5)	21,051	19,910
	<u>117,561,541</u>	<u>104,577,882</u>
<b>LIABILITIES</b>		
Accounts payable and accrued liabilities	306,417	395,668
Amounts due to other health and welfare funds (note 6)	542,207	445,127
Reserve for unpaid claims	2,253,686	2,156,723
Reserve for advance contributions	31,394	37,896
	<u>3,133,704</u>	<u>3,035,414</u>
Net assets available for benefits (note 7)	<u>\$ 114,427,837</u>	<u>\$ 101,542,468</u>

See accompanying notes to financial statements.

# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

## Statement of Changes in Net Assets Available for Benefits

Year ended December 31, 2013, with comparative information for 2012

	2013	2012
Increase in net assets:		
Investment income (note 8)	\$ 2,943,838	\$ 2,870,160
Changes in net unrealized gains	6,896,437	2,438,272
Employer contributions	33,034,707	27,342,191
Members' and pensioners' cash contributions	1,014,200	802,238
Members' optional insurance contributions	43,634	47,847
Reciprocal transfers from other health and welfare funds (note 6)	704,392	833,134
	<u>44,637,208</u>	<u>34,333,842</u>
Decrease in net assets:		
Health, dental, vision and short-term disability claims paid	17,921,798	16,952,255
Long-term disability premiums	2,649,509	2,847,405
Life insurance premiums	2,671,737	1,781,002
Accidental death and dismemberment premiums	417,180	399,354
Claims administration fees	670,108	626,114
Employee assistance program	342,569	477,236
Out-of-country insurance claims	1,349,332	113,393
Members' optional life insurance premiums	46,560	46,292
Increase in reserve for unpaid claims	96,963	39,169
Reciprocal transfers to other health and welfare funds (note 6)	4,650,873	2,465,310
Investment manager and custodian fees	249,978	233,747
Administrative expenses (note 9)	685,232	695,475
	<u>31,751,839</u>	<u>26,676,752</u>
Increase in net assets available for benefits	12,885,369	7,657,090
Net assets available for benefits, beginning of year	101,542,468	93,885,378
Net assets available for benefits, end of year	<u>\$ 114,427,837</u>	<u>\$ 101,542,468</u>

See accompanying notes to financial statements.

# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements

Year ended December 31, 2013

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## 1. Nature of the Fund:

The United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting Industry of the United States and Canada, Local 488 (the "Union") and the Construction Labour Relations - an Alberta Association Mechanical (Provincial) Trade Division Pursuant to Registration Certificate No. 27 (the "Party Employers") entered into an agreement and declaration of trust dated May 7, 1965 (the "Health and Welfare Trust Agreement") which has been amended and restated as of August 13, 2007. The Health and Welfare Trust Agreement provides for the establishment, maintenance, investment and administration of a fund known as The Edmonton Pipe Industry Health and Welfare Fund (the "Health and Welfare Fund"), created pursuant to The Edmonton Pipe Industry Health and Welfare Plan (the "Health and Welfare Plan") which includes all restatements and amendments to July 1, 2009. The Health and Welfare Plan itself was established pursuant to a collective agreement between the Union and the Party Employers dated May 7, 1965 (the "Collective Agreement") and renewed for the period until April 15, 2015. Employers contribute to the Health and Welfare Fund at the rate specified in a collective agreement.

Members are not required to contribute to the Health and Welfare Fund. Employers contribute to the Health and Welfare Fund at the rate specified in a collective agreement. Benefits provided under the Health and Welfare Plan are paid from the Health and Welfare Fund.

For more complete information, reference should be made to the Health and Welfare Trust Agreement, and the Health and Welfare Plan documents.

The benefits provided by the Health and Welfare Plan are funded using a variety of methods as set out below:

- (a) health, dental, vision and short-term disability benefits are funded solely by the assets of the Health and Welfare Fund;
- (b) long-term disability, accidental death and dismemberment, and optional life insurance benefits are provided by Manulife Financial under a contract of insurance which uses a pooled funding method;
- (c) member and dependent life insurance benefits are provided under contract with Manulife Financial. This contract has a hold-harmless provision which may require that the Health and Welfare Fund pay any shortfall of premiums which are insufficient to pay claims;
- (d) administration of the out-of-country insurance is arranged under contract with Global Excel; and

# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements

Year ended December 31, 2013

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## 1. Nature of the Fund (continued):

- (e) the employee assistance program is administered by the Construction Employees Family Assistance Program.

The Board of Trustees reserves the right to amend or terminate any of the benefits under the Health and Welfare Plan.

## 2. Basis of preparation:

- (a) Basis of presentation:

These financial statements have been prepared by management in accordance with Canadian accounting standards for pension plans, which are also applicable to entities such as the Health and Welfare Fund that provide benefits other than pensions, and present information about the aggregate financial position of the Health and Welfare Fund and the net assets available to meet benefit payments.

In selecting or changing accounting policies that do not relate to its investment portfolio, Canadian accounting standards for pension plans require the Health and Welfare Fund to comply (on a consistent basis) with either International Financial Reporting Standards ("IFRS") in Part I of the CPA Canada Handbook - Accounting or Canadian accounting standards for private enterprises in Part II of the CPA Canada Handbook - Accounting. The Health and Welfare Fund has chosen to comply on a consistent basis with IFRS.

These financial statements are prepared to assist Health and Welfare Plan members and others in reviewing the financial activities of the Health and Welfare Fund for the fiscal period but they do not portray the financial position of the Health and Welfare Plan, its funding requirements nor the benefit security of individual Health and Welfare Plan members.

- (b) Basis of measurement:

The financial statements have been prepared on the historical cost basis except for financial instruments which are recorded at fair value through changes in net assets available for benefits.

- (c) Functional and presentation currency:

These financial statements are presented in Canadian dollars, which is the Health and Welfare Fund's functional currency.

# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements

Year ended December 31, 2013

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## 2. Basis of preparation (continued):

### (d) Use of estimates and judgements:

The preparation of the financial statements in conformity with Canadian accounting standards for pension plans requires management to make judgements, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets and liabilities at the date of the statement of financial position and the reported amounts of changes in net assets available for benefits during the year. Actual results may differ from those estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future years affected.

## 3. Significant accounting policies:

### (a) Foreign currency:

Transactions in foreign currencies are translated into Canadian dollars at the exchange rate at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies at the reporting date are translated into Canadian dollars at the exchange rate at that date.

Foreign currency differences arising on translation are recognized in the statement of changes in net assets available for benefits as change in net unrealized gains.

### (b) Investment transactions, income recognition and transaction costs:

#### (i) Investment transactions:

Investment transactions are accounted for on a trade date basis.

#### (ii) Income recognition:

Income from investments is recorded on an accrual basis and includes interest and pooled investment income.

#### (a) Interest:

Interest income, including interest income from non-derivative financial assets at fair value through profit or loss, is recognized in the statement of changes in net assets available for benefits, using the effective interest method.

# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements

Year ended December 31, 2013

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## 3. Significant accounting policies (continued):

(b) Investment transactions, income recognition and transaction costs (continued):

(ii) Income recognition (continued):

(b) Pooled investment income:

Income from pooled investments is comprised of interest, dividends and realized gains from Canadian and foreign sources and is recognized in the statement of changes in net assets available for benefits when earned.

(iii) Transaction costs:

Brokers' commissions and other transaction costs are recognized in the statement of changes in net assets available for benefits when incurred.

(c) Financial assets and financial liabilities:

(i) Non-derivative financial assets:

Financial assets are recognized initially on the trade date, which is the date that the Health and Welfare Fund becomes a party to the contractual provisions of the instrument.

The Health and Welfare Fund derecognizes a financial asset when the contractual rights to the cash flows from the asset expire, or it transfers the rights to receive the contractual cash flows in a transaction in which substantially all the risks and rewards of ownership of the financial asset are transferred or in which the Health and Welfare Fund neither transfers nor retains substantially all the risks and rewards of ownership and does not retain control of the financial asset.

On derecognition of a financial asset, the difference between the carrying amount of the asset, and consideration received is recognized in the statement of changes in net assets available for benefits as a net realized gain on sale of investments.



# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

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### 3. Significant accounting policies (continued):

#### (c) Financial assets and financial liabilities (continued):

##### (i) Non-derivative financial assets (continued):

The Health and Welfare Fund classifies all of its financial assets at fair value through the statement of changes in net assets available for benefits if it is classified as held for trading or is designated as such upon initial recognition. Financial assets are designated at fair value through the statement of changes in net assets available for benefits if the Health and Welfare Fund manages such investments and makes purchase and sale decisions based on their fair value in accordance with the Health and Welfare Fund's documented risk management or investment strategy. Upon initial recognition, attributable transaction costs are recognized in the statement of changes in net assets available for benefits as incurred. Financial assets at fair value through the statement of changes in net assets available for benefits are measured at fair value and changes therein are recognized in the statement of changes in net assets available for benefits.

##### (ii) Financial liabilities:

All financial liabilities are recognized initially on the trade date at which the Health and Welfare Fund becomes a party to the contractual provisions of the instrument.

The Health and Welfare Fund derecognizes a financial liability when its contractual obligations are discharged, cancelled or expires.

Financial assets and liabilities are offset and the net amount presented in the statement of financial position when the Health and Welfare Fund has a legal right to offset the amounts and it intends either to settle on a net basis or to realize the asset and settle the liability simultaneously.

The Health and Welfare Fund considers its accounts payable and accrued liabilities and amounts due to other health and welfare funds to be financial liabilities.

# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

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### 3. Significant accounting policies (continued):

#### (d) Fair value measurement:

Fair value is the amount for which an asset could be exchanged, or a liability settled, between knowledgeable, willing parties in an arm's length transaction on the measurement date.

In determining fair value, the Health and Welfare Fund has adopted the guidance in IFRS 13, Fair Value Measurement ("IFRS 13"), in Part I of the CPA Canada Handbook. As allowed under IFRS 13, if an asset or a liability measured at fair value has a bid and an ask price, the price within the bid-ask spread that is the most representative of fair value in the circumstances shall be used to measure fair value. The Health and Welfare Fund uses closing market price as a practical expedient for fair value measurement.

When available, the Health and Welfare Fund measures the fair value of an instrument using quoted prices in an active market for that instrument. A market is regarded as active if quoted prices are readily and regularly available and represent actual and regularly occurring market transactions on an arm's length basis.

If a market for a financial instrument is not active, then the Health and Welfare Fund establishes fair value using a valuation technique. Valuation techniques include using recent arm's length transactions between knowledgeable, willing parties (if available), reference to the current fair value of other instruments that are substantially the same, discounted cash flow analyses and option pricing models.

The best evidence of the fair value of a financial instrument at initial recognition is the transaction price, i.e. the fair value of the consideration given or received, unless the fair value of that instrument is evidenced by comparison with other observable current market transactions in the same instrument or based on a valuation technique whose variables include only data from observable markets. When transaction price provides the best evidence of fair value at initial recognition, the financial instrument is initially measured at the transaction price and any difference between this price and the value initially obtained from a valuation model is subsequently recognized in profit or loss on an appropriate basis over the life of the instrument but not later than when the valuation is supported wholly by observable market data or the transaction is closed out.

All changes in fair value, other than interest and dividend income and expense, are recognized in the statement of changes in net assets available for benefits as part of the change in net unrealized gains.

# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

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### 3. Significant accounting policies (continued):

(d) Fair value measurement (continued):

Fair values of investments are determined as follows:

Cash and cash equivalents are recorded at cost, which together with accrued interest income approximates fair value.

Bonds and equities are valued at year-end quoted closing prices where available. Where quoted prices are not available, estimated fair values are calculated using comparable securities.

Short-term notes, treasury bills and term deposits maturing within a year are stated at cost, which together with accrued interest income approximates fair value given the short-term nature of these investments.

Guaranteed investment certificates, term deposits maturing after a year, mortgages and real estate debentures are valued at the present value of estimated future cash flows discounted at interest rates in effect on the last business day of the year for investments of a similar type, quality and maturity.

Pooled funds are valued at the unit values supplied by the pooled fund administrator, which represents the Health and Welfare Fund's proportionate share of underlying net assets at fair values determined using closing market prices.

(e) Common expenses:

Certain expenses are shared equally between the Health and Welfare Fund and the The Edmonton Pipe Industry Pension Trust Fund (the "Pension Fund"), an organization operated out of the same premises and under the same Board of Trustees and management.

(f) Income taxes:

The Health and Welfare Fund is a trust recognized administratively by the Canada Revenue Agency. Investment income earned by the Health and Welfare Fund, net of eligible deductions, is subject to income tax.

# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

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## 4. Investments:

	2013	2012
PH&N Short Term Bond & Mortgage Fund	\$ 64,921,338	\$ 63,629,815
Letko Brosseau & Associates - Balanced Fund	40,319,757	31,900,161
	<u>\$ 105,241,095</u>	<u>\$ 95,529,976</u>

## 5. Due from The Edmonton Pipe Industry Pension Trust Fund:

The amount due from the Pension Fund is non-interest bearing, unsecured and has no set terms of repayment.

## 6. Reciprocal agreements with other health and welfare funds:

The Health and Welfare Fund has entered into reciprocal agreements with other health and welfare funds. These agreements provide that contributions received on account of employees working in a jurisdiction other than their local union are remitted on a monthly basis to the local union of which they are a member.

# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

## 7. Net assets available for benefits:

	2013	2012
Reserves for future plan benefits	\$ 50,170,293	\$ 36,202,668
Unallocated	64,257,544	65,339,800
	<u>\$ 114,427,837</u>	<u>\$ 101,542,468</u>

The reserve for future plan benefits is a provision established by the Trustees to support the payment of benefits to members and their beneficiaries. The reserve for future plan benefits is comprised of two components calculated as follows:

- (a) For active members, an estimated provision based on (i) the average actual cost of benefits for such members for the 12 months ended December 31, 2013 multiplied by (ii) the estimated number of months of coverage determined by dividing the accumulated hour bank for all active members by 130 hours; and
- (b) For retired, disabled and widows of deceased members, an estimated provision based on (i) the average actual cost of benefits for such group of persons for the 12 months ended December 31, 2013 multiplied by (ii) 60 months.

## 8. Investment income:

	2013	2012
Interest income	\$ 92,498	\$ 63,712
PH&N Short Term Bond & Mortgage Fund - interest and realized capital gains	1,886,789	1,818,398
Letko Brosseau & Associates Balanced Fund - interest, dividends and realized capital gains	964,551	988,050
	<u>\$ 2,943,838</u>	<u>\$ 2,870,160</u>

# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

## 9. Administrative expenses:

	2013	2012
Direct expenses:		
Administration fees	\$ 392,313	\$ 370,001
Bank charges	46,257	48,600
Actuary fees	-	18,233
Independent trustees	37,732	35,558
Audit	33,218	30,161
Office expenses	10,619	8,881
Computer maintenance	14,640	15,258
Other expenses	11,893	15,116
Legal	185	10,527
	<u>546,857</u>	<u>552,335</u>
Common expenses shared equally with the Pension Trust Fund (note 3(e)):		
Rent	127,932	127,932
Office expenses	60,008	64,098
Annual report to members	60,164	64,304
Travel, conferences and meeting expenses	7,094	5,382
Postage	17,907	19,312
Other shared expenses	3,645	5,252
	<u>276,750</u>	<u>286,280</u>
Less Pension Trust Fund share	<u>(138,375)</u>	<u>(143,140)</u>
	138,375	143,140
	<u>\$ 685,232</u>	<u>\$ 695,475</u>

# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

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## 10. Capital risk management:

The main objective of the Health and Welfare Fund is to sustain a certain level of net assets in order to meet the health and welfare obligations of the Health and Welfare Plan, which are not presented or discussed in these financial statements. The Health and Welfare Fund fulfils its primary objective by adhering to specific investment policies outlined in its Statement of Investment Policies and Procedures (the "SIPP"), which is reviewed annually by the Health and Welfare Fund Trustees. The Health and Welfare Fund manages net assets by engaging knowledgeable investment managers who are charged with the responsibility of investing existing funds and new funds in accordance with the approved SIPP. Increases in net assets are a direct result of investment income generated by investments held by the Health and Welfare Fund and contributions into the Health and Welfare Fund by the employers. The main use of net assets is for benefit payments to eligible Health and Welfare Plan members.

## 11. Financial instruments:

### (a) Fair values:

The fair values of investments are as described in note 3(d). The fair values of other financial assets and liabilities, being cash, contributions receivable, accrued investment income, due from The Edmonton Pipe Industry Pension Trust Fund, accounts payable and accrued liabilities and amounts due to other health and welfare funds approximate their carrying values due to the short-term nature of these financial instruments.

Fair value measurements recognized in the statement of net assets available for benefits are categorized using a fair value hierarchy that reflects the significance of inputs used in determining the fair values.

- Level 1 - unadjusted quoted prices in active markets for identical assets or liabilities;
- Level 2 - inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly or indirectly; and
- Level 3 - inputs for assets and liabilities that are not based on observable market data.

# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

## 11. Financial instruments (continued):

(a) Fair values (continued):

The following table illustrates the classification of the Pension Fund's financial instruments using the fair value hierarchy as at December 31, 2013:

December 31, 2013	Level 1	Level 2	Level 3	Total
PH&N Short Term Bond & Mortgage Fund	\$ -	\$ 64,921,338	\$ -	\$ 64,921,338
Letko Brosseau & Associates Balanced Fund	-	40,319,757	-	40,319,757
	\$ -	\$ 105,241,095	\$ -	\$ 105,241,095

December 31, 2012	Level 1	Level 2	Level 3	Total
PH&N Short Term Bond & Mortgage Fund	\$ -	\$ 63,629,815	\$ -	\$ 63,629,815
Letko Brosseau & Associates Balanced Fund	-	31,900,161	-	31,900,161
	\$ -	\$ 95,529,976	\$ -	\$ 95,529,976



# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

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## 11. Financial instruments (continued):

### (b) Associated risks:

#### (i) Market price risk:

Market price risk is the risk that the value of an instrument will fluctuate as a result of changes in market prices, whether those changes are caused by factors specific to an individual investment, its issuer or all factors affecting all instruments traded in the market. As all of the Health and Welfare Fund's financial instruments are carried at fair value with fair value changes recognized in the statement of changes in net assets available for benefits, all changes in market conditions will directly result in an increase (decrease) in net assets. Market price risk is managed by the Health and Welfare Fund through construction of a diversified portfolio of instruments traded on various markets and across various industries.

#### (ii) Liquidity risk:

Liquidity risk is the risk that an entity will encounter difficulty in meeting obligations associated with financial liabilities.

62% (2012 - 67%) of the Health and Welfare Fund's investments are in liquid securities traded in public markets. Although market events could lead to some investments becoming illiquid, the diversity of the Health and Welfare Fund portfolios should ensure that liquidity is available for benefit payments. The Health and Welfare Fund also maintains cash on hand for liquidity purposes and to pay accounts payable and accrued liabilities. At December 31, 2013, the Health and Welfare Fund had cash in the amount of \$10,404,310 (2012 - \$7,046,155).

#### (iii) Foreign currency risk:

Foreign currency risk is the risk that the value or future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates. The Health and Welfare Fund is exposed to risks arising from its holdings of foreign currency denominated equities and fixed income securities whereby the exchange rate of foreign currency may change in a manner that has an adverse effect on the value of investments denominated in currencies other than Canadian dollars. Such risk is mitigated by the diversification of the balanced fund's investments across many jurisdictions including Canada.

# THE EDMONTON PIPE INDUSTRY HEALTH AND WELFARE FUND

Notes to Financial Statements (continued)

Year ended December 31, 2013

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## 11. Financial instruments (continued):

(b) Associated risks (continued):

(iv) Credit risk:

Credit risk is the risk that an issuer or counterparty will be unable or unwilling to meet a commitment that it has entered into with the Health and Welfare Fund. Credit risk is generally higher when a non-exchange traded financial instrument is involved because the counterparty for non-exchange traded financial instruments is not backed by an exchange clearing house.

The Health and Welfare Fund's fixed income investments are primarily in Canadian-issued instruments and are diversified among federal, provincial, corporate and other issuers. In order to minimize the exposure to credit risk, a comprehensive investment policy has been developed. There were no significant concentrations of credit risk in the portfolio in 2013.

(v) Interest rate risk:

Interest rate risk is the risk that the market value of the Health and Welfare Fund's investments will fluctuate due to changes in market interest rates. To properly manage the Health and Welfare Fund's interest rate risk, appropriate guidelines on the weighting and duration for the bonds and other fixed income investments are set and monitored.



