

POTASH CORP OF SASKATCHEWAN INC  
Form 11-K  
June 18, 2010

**Form 11-K  
ANNUAL REPORT PURSUANT  
TO SECTION 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934**

(Mark One)

**ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE  
ACT OF 1934**

**For the fiscal year ended December 31, 2009**

**OR**

**TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE  
ACT OF 1934**

**Commission file number 001-10351**

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

**PCS Nitrogen 401(k) Savings Plan**

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

**Potash Corporation of Saskatchewan Inc.**

**122 - 1<sup>st</sup> Avenue South**

**Saskatoon, Saskatchewan, Canada S7K 7G3**

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PCS Nitrogen  
401(k) Savings Plan  
Financial Statements as of December 31, 2009 and 2008,  
and for the Year Ended December 31, 2009,  
Supplemental Schedule as of December 31, 2009,  
and Report of Independent Registered Public Accounting Firm

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**REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

To the Plan Administrator and Participants of the PCS Nitrogen 401(k) Savings Plan:

We have audited the accompanying statements of net assets available for benefits of PCS Nitrogen 401(k) Savings Plan (the Plan ) as of December 31, 2009 and 2008, and the related statement of changes in net assets available for benefits for the year ended December 31, 2009. These financial statements are the responsibility of the Plan s management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Plan is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan s internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, such financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2009 and 2008, and the changes in net assets available for benefits for the year ended December 31, 2009, in conformity with accounting principles generally accepted in the United States of America.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental schedule of assets (held at end of year) as of December 31, 2009, is presented for the purpose of additional analysis and is not a required part of the basic financial statements, but is supplementary information required by the Department of Labor s Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental schedule is the responsibility of the Plan s management. Such schedule has been subjected to the auditing procedures applied in our audit of the basic 2009 financial statements and, in our opinion, is fairly stated in all material respects when considered in relation to the basic financial statements taken as a whole.

/s/ Deloitte & Touche LLP

Chicago, Illinois

June 18, 2010

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**PCS NITROGEN 401(k) SAVINGS PLAN  
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS  
AS OF DECEMBER 31, 2009 AND 2008**

	<b>2009</b>	<b>2008</b>
<b>ASSETS:</b>		
Participant-directed investments at fair value (Note 3)	\$ 6,286,734	\$ 4,613,676
Receivables Company performance contribution	76,295	129,562
<b>NET ASSETS AVAILABLE FOR BENEFITS AT FAIR VALUE</b>	<b>6,363,029</b>	<b>4,743,238</b>
Adjustment from fair value to contract value for fully benefit-responsive investment contracts	11,038	36,240
<b>NET ASSETS AVAILABLE FOR BENEFITS</b>	<b>\$ 6,374,067</b>	<b>\$ 4,779,478</b>

See notes to financial statements.

**PCS NITROGEN 401(k) SAVINGS PLAN  
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS  
FOR THE YEAR ENDED DECEMBER 31, 2009**

ADDITIONS:

Company matching contributions	\$ 19,979
Company basic contributions Lima	76,295
Company performance contributions	320,299
Participant contributions	403,106

Total contributions	819,679
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Investment income	
Net appreciation in fair value of investments (Note 3)	1,289,291
Interest and dividends	75,080

Net investment income	1,364,371
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Other additions net	707
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Total additions	2,184,757
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DEDUCTIONS:

Benefits paid to participants	(586,442)
Administrative expenses	(3,726)

Total deductions	(590,168)
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INCREASE IN NET ASSETS	1,594,589
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NET ASSETS AVAILABLE FOR BENEFITS:

Beginning of year	4,779,478
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End of year	\$ 6,374,067
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See notes to financial statements.

**PCS NITROGEN 401(k) SAVINGS PLAN  
NOTES TO FINANCIAL STATEMENTS  
AS OF DECEMBER 31, 2009 AND 2008 AND FOR THE YEAR ENDED DECEMBER 31, 2009**

**1. DESCRIPTION OF PLAN**

The following description of the PCS Nitrogen 401(k) Savings Plan (the *Plan*) is provided for general information purposes only. Participants should refer to the Plan document for more complete information.

**General** The Plan is a defined contribution plan sponsored by PCS Administration (USA), Inc. covering all eligible employees of PCS Purified Phosphates and PCS Nitrogen (the *Company*) who are represented by a collective bargaining agreement, as defined in the Plan. The Employee Benefits Committee of PCS Administration (USA), Inc. controls and manages the operation and administration of the Plan. Fidelity Management Trust Company (*Fidelity*) serves as the trustee of the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

**Contributions** Participants may contribute up to 50% of base compensation each year, as defined in the Plan, subject to certain Internal Revenue Code (the *Code*) limitations. These contributions may be pretax contributions and/or after-tax contributions. Participants who are age 50 and over may also make *catch-up* contributions.

The Company matches 100% of the first 3% of base compensation that participants contribute. *Catch-up* contributions are not eligible for the Company matching contribution. Participants may also roll over amounts representing distributions from other qualified defined benefit or contribution plans (*rollover contributions*), which are not eligible for the Company matching contribution.

The Company may also make a discretionary Company performance contribution ranging from 0% to 3% of each eligible participant's base pay. The 2009 and 2008 Company performance contributions were 1.5% and 3%, respectively, of each eligible participant's base pay.

The Company will also contribute a basic contribution of five percent of base compensation on behalf of each eligible employee of PCS Nitrogen Ohio, L.P. (*Lima*), as defined in the Plan.

**Participant Accounts** Individual accounts are maintained for each Plan participant. Each participant's account is credited with the participant's contribution, the Company's matching contribution, the Company performance contribution, and the Company basic contribution, if applicable, and allocations of Plan earnings and is charged with withdrawals, an allocation of Plan losses, and administrative expenses. Allocations are based on participant earnings or account balances, as defined in the Plan. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

**Investments** Participants direct the investment of their account balances and contributions into various investment options offered by the Plan. The Plan currently offers Potash Corporation of Saskatchewan Inc. (PCS) Common Stock, a selection of mutual funds, and one pooled investment stable value fund. The U.S. Government Reserves Fund is used to maintain dividends distributed by a participant's investment in PCS common stock and is not

available as a participant-directed investment option. The PCS stock purchase account is a money market fund that is used in the recordkeeping of the purchases and sales of fractional shares of Company stocks and is not available as a participant-directed investment option. Effective as of October 1, 2008, the investment option Legg Mason Value Trust FI Class was no longer available for new contributions. A new investment option, T. Rowe Price Dividend Growth Fund, was added to the Plan as of October 26, 2009. All existing balances in the Legg Mason Value Trust FI Class were transferred into the T. Rowe Price Dividend Growth Fund on January 4, 2010.

Participants who have not made any investment elections will have their contributions and the employer contributions invested in the Plan's default fund, which has been designated as the Fidelity Freedom Funds, specifically the Freedom Fund that has a target retirement date closest to the year that the participant might retire, based on the participant's current age and assuming a normal retirement age of 65.

**Vesting** Participants are immediately vested in their own contributions and in the Company performance contribution, as well as in the actual earnings thereon. Vesting in the Company's matching contribution is based on years of continuous service. Participants vest 20% per year of credited service and are 100% vested in the Company's matching contribution after five years of credited service. Participants shall be fully vested in the Company's basic contribution after a five-year period of service, although no partial vesting shall apply (i.e., five-year cliff vesting). Forfeited balances of terminated participants are used to reduce future Company contributions.

**Participant Loans** Participants may borrow from their fund accounts up to a maximum amount equal to the lesser of \$50,000 or 50% of their vested account balance. Loan terms range from one to five years or up to 20 years for the purchase of a primary residence. The loans are secured by the balance in the participant's account and bear interest at two percentage points above the rate for five-year U.S. treasury notes on the last day of the preceding calendar quarter in which the funds are borrowed. Loans for the purchase of a primary residence bear interest at the standard lending rate for 20-year fixed rate home mortgage loans at the time the loan is made. Principal and interest are paid ratably through payroll deductions.

**Payments of Benefits** On termination of service, a participant may elect to receive either a lump-sum amount equal to the value of the participant's vested interest in his or her account, or monthly, quarterly, or annual installments over the participant's estimated life span. A participant may elect to receive payment of benefits prior to termination of service, as defined in the Plan. Participants may elect to receive their investment in PCS Common Stock in cash or in whole shares. The Plan has a dividend payout program whereby participants may elect to receive dividends paid on their vested shares of PCS Common Stock in shares of PCS Common Stock.

**Forfeited Accounts** At December 31, 2009 and 2008, forfeited nonvested accounts totaled \$17 and \$71, respectively. These accounts are used to reduce future employer contributions. During the year ended December 31, 2009, employer contributions were reduced by contributions from forfeited nonvested account balances by \$2,798.

**Plan Amendments** The Plan was amended to comply with the Final Code Section 415 Regulations, the Pension Protection Act of 2006 and subsequent laws and regulations, and to make changes to the loan provisions under the plan.



## 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

**Basis of Accounting** The financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (GAAP).

**Use of Estimates** The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires Plan management to make estimates and assumptions that affect the reported amounts of net assets available for benefits and changes therein. Actual results could differ from those estimates.

**Risks and Uncertainties** The Plan utilizes various investment instruments, including mutual funds, a pooled investment stable value fund, and common stock. Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the financial statements.

**Investment Valuation and Income Recognition** The Plan's investments are stated at fair value in accordance with ASC 820, *Fair Value Measurements*. Shares of mutual funds are valued at quoted market prices, which represent the net asset value of shares held by the Plan at year-end. The PCS common stock is valued at quoted market price. The Fidelity Managed Income Portfolio II (the Portfolio) is stated at fair value and then adjusted to contract value as the Portfolio's investment contracts are fully benefit-responsive. Fair value of the Portfolio is the sum of the fair value of the underlying investments. Contract value of the Portfolio is the sum of participant and Company contributions, plus accrued interest thereon, less withdrawals. Participant loans are valued at the outstanding loan balances.

In accordance with GAAP, the Portfolio is presented at fair value in participant-directed investments on the statements of net assets available for benefits, and an additional line item is presented showing the adjustment from fair value to contract value. The statement of changes in net assets available for benefits is presented on a contract value basis.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

Management fees and operating expenses charged to the Plan for investments in the mutual funds and pooled fund are deducted from income earned on a daily basis and are not separately charged to an expense. Consequently, management fees and operating expenses are reflected as a reduction of investment return for such investments.

**The Fidelity Managed Income Portfolio II** The Portfolio is a stable value fund that is a commingled pool of the Fidelity Group Trust for employee benefit plans. The Portfolio may invest in fixed interest insurance company investment contracts, money market funds, corporate and government bonds, mortgage-backed securities, bond funds, and other fixed income securities. Fair value of the Portfolio is the net asset value of its holdings at year-end. Underlying securities for which quotations are readily available are valued at their most recent bid prices or are valued on the basis of information provided by a pricing service. Fair value of the underlying investment contracts is estimated using a discounted cash flow model.

Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment in the Portfolio at contract value. The crediting interest rates were 1.53% and

3.48% at December 31, 2009 and 2008, respectively, which were based on the interest rates of the underlying portfolio of assets. The average yield for the year ended December 31, 2009 was 2.74%.

**New Accounting Guidance** In June 2009, the Financial Accounting Standards Board ( FASB ) issued Accounting Standards Codification ( ASC ) Topic 105, Generally Accepted Accounting Principles ( ASC 105 ) (formerly Statement of Financial Accounting Standards ( SFAS ) 168, *The FASB Accounting Standards Codification and the Hierarchy of Generally Accepted Accounting Principles – A Replacement Of FASB Statement No. 162*) which became the source of authoritative GAAP recognized by the FASB, applied by nongovernmental entities. Rules and interpretive releases of the Securities and Exchange Commission (the SEC ) under authority of federal securities laws are also sources of authoritative GAAP for SEC registrants. On the effective date of ASC 105, the codification superseded all existing non-SEC accounting and reporting standards. All other non-grandfathered, non-SEC accounting literature, not included in the codification became non-authoritative. ASC 105 is effective for interim and annual periods ending after September 15, 2009. The adoption of ASC 105 did not have a material impact on the Plan's financial statements, aside from changing the nomenclature used to reference accounting literature in the notes to the financial statements.

In May 2009, the FASB issued ASC 855 (originally issued as FASB Statement No. 165, *Subsequent Events*) to establish general standards of accounting for and disclosing events that occur after the balance sheet date, but prior to the issuance of financial statements. ASC 855 provides guidance on when financial statements should be adjusted for subsequent events and requires companies to evaluate subsequent events through the date the financial statements are issued. ASC 855 is effective for periods ending after June 15, 2009. All subsequent events are disclosed in Note 9.

In April 2009, FASB Staff Position 157-4, *Disclosures Determining Fair Value When the Volume and Level of Activity for the Asset or Liability Have Significantly Decreased and Identifying Transactions That Are Not Orderly*, was issued (later codified into ASC 820) which expanded disclosures and requires that major category for debt and equity securities be determined on the basis of the nature and risks of the investments. This guidance was applied prospectively in 2009, and the impact of adoption of this standard was not material to the Plan's net assets available for benefits.

In September 2009, the FASB issued ASU No. 2009-12, *Fair Value Measurements and Disclosures: Investments in Certain Entities That Calculate Net Asset per Share (or Its Equivalent)* ( ASU 2009-12 ), which amended ASC Subtopic 820-10, *Fair Value Measurements and Disclosures – Overall*. ASU No. 2009-12 is effective for the first reporting period ending after December 15, 2009. ASU No. 2009-12 expands the required disclosures for certain investments with a reported net asset value (NAV). ASU No. 2009-12 permits, as a practical expedient, an entity holding investments in certain entities that calculate net asset value per share or its equivalent for which the fair value is not readily determinable, to measure the fair value of such investments on the basis of that net asset value per share or its equivalent without adjustment. The ASU requires enhanced disclosures about the nature and risks of investments within its scope. Such disclosures include the nature of any restrictions on an investor's ability to redeem its investments at the measurement date, any unfunded commitments, and the investment strategies of the investee. The Plan has adopted ASU No. 2009-12 on a prospective basis for the year ended December 31, 2009. Adoption did not have a material impact on the fair value determination and disclosure of applicable investments. The effect of the adoption of the ASU had no impact on the statements of net assets available for benefits and statement of changes in net assets available for benefits.

In January 2010, the FASB issued ASU No. 2010-06, *Fair Value Measurements and Disclosures* (ASU No. 2010-06), which amends ASC 820, adding new requirements for disclosures for Levels 1 and 2, separate disclosures of purchases, sales, issuances, and settlements relating to Level 3 measurements and clarification of existing fair value disclosures. ASU No. 2010-06 is effective for periods beginning after December 15, 2009, except for the requirement to provide Level 3 activity of purchases, sales, issuances, and settlements on a gross basis, which will be effective for fiscal years beginning after December 15, 2010. The Plan is currently evaluating the impact of adopting ASU No. 2010-06.

**Administrative Expenses** Administrative expenses of the Plan are paid by the Plan or the Plan sponsor, as provided in the Plan document.

**Payment of Benefits** Benefit payments to participants are recorded upon distribution. There were no amounts allocated to accounts of participants who had elected to withdraw from the Plan but had not yet been paid at

December 31, 2009 and 2008.

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**3. INVESTMENTS**

The Plan's investments are shown below. Investments that represent 5% or more of the Plan's net assets available for benefits as of December 31, 2009 and 2008, are marked with an asterisk:

	<b>2009</b>	<b>2008</b>
Fixed Income and Bond Funds:		
Fidelity Managed Income Portfolio II	\$ 878,534 *	\$ 893,029 *
Fidelity Retirement Money Market Portfolio	290,373	419,087 *
Fidelity Institutional Short-Intermediate Government Fund	323,129 *	320,681 *
Fidelity U.S. Government Reserves Fund	2	2
Equity Funds:		
ABF Large Cap Value Inst	25,023	5,957
Davis NY Venture A	174,857	138,303
Legg Mason Value Trust FI Class	9,957	7,030
T. Rowe Price Dividend Growth Fund	784	
Fidelity Puritan Fund	333,323 *	309,214 *
Fidelity Growth Company	229,748	98,312
Fidelity Overseas Fund	119,253	72,883
Fidelity Mid-Cap Stock Fund	114,030	23,482
Fidelity Small Cap Stock Fund	158,141	28,147
Fidelity Freedom Income	20,170	51
Fidelity Freedom 2000	18	4,153
Fidelity Freedom 2010	1,375	
Fidelity Freedom 2015	108,648	38,241
Fidelity Freedom 2020	103,970	26,727
Fidelity Freedom 2025	94,287	31,626
Fidelity Freedom 2030	23,916	6,477
Fidelity Freedom 2035	61,706	24,778
Fidelity Freedom 2040	54,242	27,313
Fidelity Freedom 2045	102,598	26,001
Fidelity Freedom 2050	83,000	19,565
Fidelity Spartan US Equity Index Fund	148,264	124,013
PCS Common Stock	2,790,882 *	1,932,559 *
PCS Stock Purchase Account	1,141	1,198
Participant Loans	35,363	34,847
Total at fair value	\$ 6,286,734	\$ 4,613,676

During the year ended December 31, 2009, the Plan's investments (including gains and losses on investments bought and sold, as well as held during the year) appreciated (depreciated) in value as follows:

Fixed Income and Bond Funds	Fidelity Institutional	
Short-Intermediate Government Fund		\$ (1,851)
Equity Funds:		
ABF Large Cap Value Inst		3,760
Davis NY Venture A		40,251
Legg Mason Value Trust FI Class		2,847
T. Rowe Price Dividend Growth Fund		(1)
Fidelity Puritan Fund		64,417
Fidelity Growth Company		52,972
Fidelity Overseas Fund		19,516
Fidelity Mid-Cap Stock Fund		24,953
Fidelity Small Cap Stock Fund		44,924
Fidelity Freedom Income		17
Fidelity Freedom 2000		1,186
Fidelity Freedom 2010		73
Fidelity Freedom 2015		15,577
Fidelity Freedom 2020		15,876
Fidelity Freedom 2025		15,679
Fidelity Freedom 2030		3,301
Fidelity Freedom 2035		8,999
Fidelity Freedom 2040		12,501
Fidelity Freedom 2045		17,391
Fidelity Freedom 2050		10,352
Fidelity Spartan US Equity Index Fund		26,969
PCS Common Stock		909,582
Net appreciation of investments		\$ 1,289,291

In accordance with ASU No. 2009-12, the Plan expanded its disclosures to include the redemption frequency and redemption notice period for the Portfolio as its fair value is estimated using the net asset value per share as of December 31, 2009. The participants in the Plan are able to redeem from the Portfolio immediately. The Portfolio has no redemption restrictions and there is no redemption notice period required for participants.

#### **4. EXEMPT PARTY-IN-INTEREST TRANSACTIONS**

Certain Plan investments are shares of investment funds managed by Fidelity. Fidelity is the trustee as defined by the Plan and, therefore, these transactions qualify as exempt party-in-interest transactions. Fees paid by the Plan for the investment management services were included as a reduction of the return earned on each fund.

At December 31, 2009 and 2008, the Plan held approximately 25,722 and 26,394 shares, respectively, of common stock of Potash Corporation of Saskatchewan Inc. ( Potash Corporation ), the parent company of the Plan sponsor, with a cost basis of \$1,005,109 and \$1,125,775, respectively. During the year ended December 31, 2009, the Plan recorded dividend income of \$10,289.

#### **5. PLAN TERMINATION**

Although it has not expressed any intention to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA. In the event that the Plan is terminated, participants would become 100% vested in their accounts.



**6. FAIR VALUE MEASUREMENTS**

Effective January 1, 2008, the Plan adopted ASC 820. ASC 820 establishes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The three levels of the fair value hierarchy under ASC 820 are described below:

**Basis of Fair Value Measurement**

*Level 1* Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities;

*Level 2* Quoted prices in markets that are not considered to be active or financial instruments for which all significant inputs are observable, either directly or indirectly. Level 2 inputs may also include pricing models whose inputs are observable or derived principally from or corroborated by observable market data;

*Level 3* Prices or valuations that require inputs that are both significant to the fair value measurement and unobservable.

A financial instrument's level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement.

The following table sets forth by level within the fair value hierarchy the Plan investment assets at fair value, as of December 31, 2009 and 2008. As required by ASC 820, assets are classified in their entirety based on the lowest level of input that is significant to the fair value measurement.

	<b>Investment Assets</b>			<b>Total</b>
	<b>at Fair Value as of December 31, 2009</b>			
	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	
PCS Common Stock	\$ 2,790,882	\$	\$	2,790,882
Mutual Funds	2,581,955			2,581,955
Common Collective Trusts		878,534		878,534
Participant Loans		35,363		35,363
Total investment assets at fair value	\$ 5,372,837	\$ 913,897	\$	\$ 6,286,734

**Investment Assets  
at Fair Value as of December 31, 2008**

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Total</b>
PCS Common Stock	\$ 1,932,559	\$	\$	1,932,559
Mutual Funds	1,753,241			1,753,241
Common Collective Trusts		893,029		893,029
Participant Loans		34,847		34,847
Total investment assets at fair value	\$ 3,685,800	\$ 927,876	\$	\$ 4,613,676

**7. FEDERAL INCOME TAX STATUS**

The Internal Revenue Service has determined and informed the Company by a letter, dated December 19, 2008, that the Plan was designed in accordance with applicable Code regulations. Therefore, no provision for income taxes has been included in the Plan's financial statements.

**8. RECONCILIATION OF FINANCIAL STATEMENTS TO FORM 5500**

The following is a reconciliation of the financial statements as of December 31, 2009 and 2008, to the Form 5500:

	<b>2009</b>	<b>2008</b>
Statements of net assets available for benefits:		
Net assets available for benefits per the financial statements	\$ 6,374,067	\$ 4,779,478
Company performance contribution receivable	(76,295)	(129,562)
Adjustment from fair value to contract value for fully benefit-responsive investment contracts	(11,038)	(36,240)
Rounding	(1)	
Net assets available for benefits per the Form 5500	\$ 6,286,733	\$ 4,613,676
Statements of changes in net assets available for benefits:		
Increase in net assets per the financial statements	\$ 1,594,589	
Decrease in Company performance contribution receivable	53,267	
Decrease in adjustment from fair value to contract value	25,202	
Rounding	(1)	
Changes in net assets available for benefits per the Form 5500	\$ 1,673,057	



**9. SUBSEQUENT EVENTS**

All existing balances in the Legg Mason Value Trust F1 Class were transferred into the T. Rowe Price Dividend Growth Fund on January 4, 2010.

The Fidelity Overseas Fund will be removed as an investment option, effective July 1, 2010, and will be replaced by the Harbor International Fund Investor Class. Existing balances will be moved from the Fidelity Overseas Fund to the Harbor International Fund Investor Class shortly thereafter.

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**SUPPLEMENTAL SCHEDULE**

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**PCS NITROGEN 401(k) SAVINGS PLAN**  
**FORM 5500 SCHEDULE H, PART IV, LINE 4i**  
**SCHEDULE OF ASSETS (HELD AT END OF YEAR)**  
**AS OF DECEMBER 31, 2009**

Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment, Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Cost**	Current Value
American Beacon Advisors, Inc.	ABF Large Cap Value Inst		\$ 25,023
Davis Selected Advisors, L.P.	Davis NY Venture A		174,857
Legg Mason Fund Advisor, Inc.	Legg Mason Value Trust FI Class		9,957
T. Row Price Investment Services, Inc.	T. Rowe Price Dividend Growth Fund		784
* Fidelity Management Trust Company	Puritan Fund		333,323
* Fidelity Management Trust Company	Growth Company		229,748
* Fidelity Management Trust Company	Overseas Fund		119,253
* Fidelity Management Trust Company	Retirement Money Market Portfolio		290,373
* Fidelity Management Trust Company	Mid-Cap Stock Fund		114,030
* Fidelity Management Trust Company	Small Cap Stock Fund		158,141
* Fidelity Management Trust Company	Freedom Income		20,170
* Fidelity Management Trust Company	Freedom 2000		18
* Fidelity Management Trust Company	Freedom 2010		1,375
* Fidelity Management Trust Company	Freedom 2015		108,648
* Fidelity Management Trust Company	Freedom 2020		103,970
* Fidelity Management Trust Company	Freedom 2025		94,287
* Fidelity Management Trust Company	Freedom 2030		23,916
* Fidelity Management Trust Company	Freedom 2035		61,706
* Fidelity Management Trust Company	Freedom 2040		54,242
* Fidelity Management Trust Company	Freedom 2045		102,598
* Fidelity Management Trust Company	Freedom 2050		83,000
* Fidelity Management Trust Company	Spartan US Equity Index Fund		148,264
* Fidelity Management Trust Company	Institutional Short-Intermediate Government Fund		323,129
* Fidelity Management Trust Company	U.S. Government Reserves Fund	\$ 2	2
* COMMINGLED POOL Fidelity Management Trust Company	Managed Income Portfolio II		878,534
* POTASH CORPORATION OF SASKATCHEWAN, INC.	PCS Common Stock, 25,722.416 shares		2,790,882
* PCS STOCK PURCHASE ACCOUNT	Money Market	1,141	1,141
* PARTICIPANT LOANS	Due 2009 through 2014; interest rates ranging from 3.5% to 6.83%		35,363

TOTAL ASSETS HELD FOR  
INVESTMENT

\$ 6,286,734

\* Party-in-interest.

\*\* Cost information is  
not required for  
participant-directed  
investments and,  
therefore, is not  
included.

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on their behalf by the undersigned hereunto duly authorized.

**PCS Nitrogen 401(k) Savings Plan**

(Name of Plan)

Date: June 18, 2010

/s/ Barbara Jane Irwin  
Barbara Jane Irwin  
Senior Vice President, Administration  
PCS Administration (USA), Inc.,  
as Plan Administrator

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**EXHIBIT INDEX**

Exhibit Number	Description of Exhibit
23.1	Consent of Deloitte & Touche LLP