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UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 11-K

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

For the fiscal year ended December 31, 2005

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

For the transition period from _____ to _____

Commission File Number: _____

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

AMCOL International Corporation Savings Plan

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

**AMCOL International Corporation
One North Arlington
1500 West Shure Drive, Suite 500
Arlington Heights, Illinois 60004-7803**

PROCESSED
JUN 30 2006
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FINANCIAL

FINANCIAL STATEMENTS AND EXHIBITS

(a) Financial Statements

AMCOL International Corporation Savings Plan

Report Letter

Statements of Net Assets Available for Benefits

Statements of Changes in Net Assets Available for Benefits

Notes to Financial Statements

Schedule of Assets Held at End of Year

(b) Exhibit

Exhibit 23.1 - Consent of Independent Auditors

AMCOL International Corporation Savings Plan

**Financial Report
December 31, 2005**

AMCOL International Corporation Savings Plan

Contents

Report Letter	1
Statement of Net Assets Available for Benefits	2
Statement of Changes in Net Assets Available for Benefits	3
Notes to Financial Statements	4-7
Schedule of Assets Held at End of Year	Schedule 1

Report of Independent Registered Public Accounting Firm

To the Trustees
AMCOL International Corporation
Savings Plan

We have audited the accompanying statement of net assets available for benefits of AMCOL International Corporation Savings Plan as of December 31, 2005 and 2004 and the related statement of changes in net assets available for benefits for the years then ended. 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 the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes 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, the financial statements referred to above present fairly, in all material respects, the net assets of the Plan as of December 31, 2005 and 2004 and the changes in net assets for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Our audits were performed for the purpose of forming an opinion on the financial statements taken as a whole. The supplemental schedule of assets held at end of year as of December 31, 2005 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. This supplemental schedule has been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

Plante & Moran, PLLC

Chicago, Illinois
June 15, 2006

A member of



A worldwide association of independent accounting firms

AMCOL International Corporation Savings Plan

Statement of Net Assets Available for Benefits

	December 31	
	2005	2004
Assets		
Participant-directed investments (Note 3):		
Common trust funds	\$ 20,866,545	\$ 21,770,391
Mutual funds	22,652,298	20,857,423
AMCOL International Corporation Stock Fund	22,504,367	22,721,709
Self-directed brokerage accounts	766,499	906,914
Cash	204,471	-
Participant loans	1,586,925	1,574,648
	<u>68,581,105</u>	<u>67,831,085</u>
Total participant-directed investments	68,581,105	67,831,085
Pending settlement receivable	<u>12,441</u>	<u>35,878</u>
Net Assets Available for Benefits	<u>\$ 68,593,546</u>	<u>\$ 67,866,963</u>

AMCOL International Corporation Savings Plan

Statement of Changes in Net Assets Available for Benefits

	Year Ended December 31	
	2005	2004
Additions		
Contributions:		
Participants	\$ 2,985,419	\$ 3,074,455
Employer	<u>1,903,822</u>	<u>1,588,155</u>
Total contributions	4,889,241	4,662,610
Investment income:		
Net appreciation in fair value of investments (Note 3)	3,113,720	3,717,591
Interest income on participant loans	<u>85,220</u>	<u>82,107</u>
Total investment income	<u>3,198,940</u>	<u>3,799,698</u>
Total additions	8,088,181	8,462,308
Deductions		
Benefits paid to participants	7,346,878	4,477,933
Management fees	<u>14,720</u>	<u>12,400</u>
Total deductions	<u>7,361,598</u>	<u>4,490,333</u>
Net Increase in Net Assets Available for Benefits	726,583	3,971,975
Net Assets Available for Benefits		
Beginning of year	<u>67,866,963</u>	<u>63,894,988</u>
End of year	<u>\$ 68,593,546</u>	<u>\$ 67,866,963</u>

AMCOL International Corporation Savings Plan

Notes to Financial Statements December 31, 2005 and 2004

Note 1 - Description of the Plan

The following description of the AMCOL International Corporation Savings Plan (the "Plan") provides only general information. Participants should refer to the plan agreement for a complete description of the Plan's provisions.

General - The Plan is a defined contribution plan covering all full-time employees of AMCOL International Corporation (the "Corporation"). The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Contributions - Through payroll deduction, participants can make contributions to the Plan of up to 21 percent of their compensation, subject to the statutory maximum. The Corporation contributes a matching amount equal to the lower of the participant's deferral contributions or 4 percent of compensation depending on the Corporation's profitability. The Corporation's matching contributions are made in the form of AMCOL International Corporation common stock. The Corporation also makes a special contribution in the form of cash for employees hired after December 31, 2003 of 3 percent of compensation if they are employed at the end of each year.

Participant contributions may be allocated among various funds or to the self-directed brokerage account option as directed by the participant.

Participant Accounts - Each participant's account is credited with the participant's contribution and allocations of (a) the Corporation's contribution and (b) plan earnings and charged with an allocation of administrative expenses. Allocations are based on participant compensation or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting - Participants are fully vested at all times in their account balances except for the Corporation's special contributions, which are 100 percent vested after five years.

Forfeited Accounts - Forfeitures of company special contributions will be used to lower subsequent company special contributions.

Voting Rights - Each participant is entitled to exercise voting rights attributable to the shares allocated to his or her account.

AMCOL International Corporation Savings Plan

Notes to Financial Statements
December 31, 2005 and 2004

Note 1 - Description of the Plan (Continued)

Payment of Benefits - Upon termination of a participant's employment, the value of the participant's account is measured as the sum of the following:

- (a) Total amount of the participant's contributions made under the Plan
- (b) Corporation contributions allocated to the participant's accounts as of the date of the last plan year ended prior to termination
- (c) Investment income and administrative expenses allocated to the participant's account as of the last day of the month prior to termination

Upon termination of service due to death, disability, or retirement, a participant or beneficiary may elect to receive a single payment equal to the value of the participant's interest in his or her account or receive a single payment at a later date. If the value of the account is less than \$1,000, the Plan will automatically pay the participant a single payment. For termination of employment for other reasons, a participant will also be paid his or her benefit in a single payment. Benefits payable under the Plan are limited to the amount that can be provided from the participant's account.

Participant Loans - Participants may borrow funds from the Plan. A participant's loan balance may not exceed the lesser of \$50,000 or 50 percent of the participant's vested account balance. The participants must repay their loans within five years. The interest rate charged on loans to the participants is the then-prevailing prime rate plus 1 percent.

Plan Termination - Although it has not expressed the intention to do so, the Corporation has the right to discontinue its contributions and to terminate the Plan, subject to the provisions of ERISA. In the event the Plan terminates, participants become 100 percent vested and the net assets of the Plan will be distributed among the participants in the Plan based upon each participant's account balance.

Basis of Presentation - The accompanying financial statements have been prepared on the accrual basis. Certain prior year amounts have been reclassified to conform to the current year presentation.

Investments - Investments in mutual funds and common stock are stated at fair value based on quoted market prices. Investments in common trust funds are stated at fair value based on the fair value of the underlying assets. Investments in self-directed brokerage accounts are invested in publicly traded securities, which are stated at fair value based on quoted market prices.

Purchases and sales of securities are recorded on a trade-date basis. The participant loans are recorded at their outstanding face value, which approximates fair value.

AMCOL International Corporation Savings Plan

Notes to Financial Statements December 31, 2005 and 2004

Note 2 - Summary of Significant Accounting Policies

Income Recognition - Dividend income is accrued on the ex-dividend date.

Expenses - The Corporation pays recordkeeping expenses of the Plan. Management fees represent loan transaction fees, which are paid directly by the participants, through a reduction of their account balance.

Benefit Payments - Benefits are recorded when paid.

Use of Estimates - The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of additions and deductions during the reporting period. Actual results could differ from those estimates.

Note 3 - Investments

Investments at fair value that represent 5 percent or more of the Plan's assets at December 31, 2005 and 2004 are as follows:

	2005	2004
AMCOL International Corporation common stock	\$ 22,504,367	\$ 22,721,709
Merrill Lynch Retirement Preservation Trust Fund	20,531,755	21,602,233
Oppenheimer Quest Balanced Fund	N/A	3,623,667

N/A - Amount did not exceed 5 percent in the respective year

During 2005 and 2004, the Plan's investments (including investments bought, sold, and held during the year) appreciated in value by \$3,113,720 and \$3,717,591, respectively, as follows:

	2005	2004
Mutual funds	\$ 2,011,152	\$ 3,123,438
AMCOL International Corporation common stock	1,102,568	594,153
Net appreciation	<u>\$ 3,113,720</u>	<u>\$ 3,717,591</u>

AIMCOL International Corporation Savings Plan

Notes to Financial Statements December 31, 2005 and 2004

Note 4 - Tax Status

The Plan has received a favorable determination letter from the Internal Revenue Service, dated February 5, 2003, indicating that the Plan and related trust are qualified under Sections 401(a) and 401(k) of the Internal Revenue Code (the "Code") and as such, the related trust is exempt from federal income taxes under Section 501(a) of the Code.

Note 5 - Related Party Transactions

The Plan's investments include certain mutual funds managed by Merrill Lynch Trust Company and related entities. Merrill Lynch Trust Company is the recordkeeper and custodian of the Plan and, therefore, these transactions qualify as party-in-interest transactions. As of December 31, 2005 and 2004, \$25,636,350 and \$26,122,112, respectively, of the total fair value of the Plan's investment assets consist of funds managed by Merrill Lynch Trust Company.

Note 6 - Administration

The Corporation is the sponsor of the Plan. The administrative committee, as provided in the plan agreement, has responsibility for the administration of the Plan. Merrill Lynch Trust Company functions as recordkeeper and custodian.

Note 7 - Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statement of net assets available for benefits.

AMCOL International Corporation Savings Plan

Schedule of Assets Held at End of Year Form 5500, Schedule H, Item 4i EIN 36-0724340, Plan Number 002 December 31, 2005

(a)	(b) Identity of Issue	(c) Description	(d) Cost	(e) Current Value
**	AMCOL International Corporation common stock	Common stock	*	\$ 22,504,367
**	Merrill Lynch Retirement Preservation Trust Fund	Common trust fund	*	20,531,755
**	Merrill Lynch Retirement Preservation Trust Fund-GM	Common trust fund	*	334,790
	Oppenheimer Quest Balanced Fund	Mutual fund	*	3,130,422
**	Merrill Lynch S&P 500 Index Fund	Mutual fund	*	2,512,834
	Van Kampen Emerging Growth Fund	Mutual fund	*	2,168,510
	ING International Value Fund	Mutual fund	*	1,658,799
	Alger MidCap Growth Retirement Fund	Mutual fund	*	1,517,151
	BlackRock State Street Research Aurora Fund	Mutual fund	*	1,307,543
	Thornburg International Value Fund	Mutual fund	*	1,462,602
	MFS Value Fund	Mutual fund	*	1,114,256
**	Merrill Lynch Small Cap (Russell 2000) Index Fund	Mutual fund	*	870,824
**	Merrill Lynch U.S. Government Mortgage Fund	Mutual fund	*	876,119
	Lord Abbett Mid-Cap Value Fund	Mutual fund	*	679,147
	ABN/AMRO Growth Fund	Mutual fund	*	804,602
	Calvert Social Investment Income Fund	Mutual fund	*	763,402
	Van Kampen Growth & Income Fund	Mutual fund	*	426,414
	Munder Micro-Cap Equity	Mutual fund	*	675,587
	Oakmark Equity & Income Fund	Mutual fund	*	704,036
	Calvert Social Investment Equity Fund	Mutual fund	*	398,732
	Fidelity Advisor Leveraged Company Stock	Mutual fund	*	979,670
	Pimco Total Return Bond fund	Mutual fund	*	296,093
**	Merrill Lynch Large Cap Core Fund	Mutual fund	*	305,555
	Self-directed brokerage accounts	Self-directed brokerage accounts	*	766,499
**	Merrill Lynch Cash Fund	Cash	*	204,471
	Participant loans	Participant loans bearing interest at rates from 5% to 10.5%	-	1,586,925
Total investments				\$ 68,581,105

* Cost information not required


** Party in interest, as defined by ERISA

SIGNATURE

Pursuant to the requirements of the Securities and Exchange Act of 1934, the Plan Administrator has duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

AMCOL International Corporation Savings Plan

Date: June 23, 2006

By: 

Amiel Naiman

On behalf of the Trustees as
Plan Administrator

EXHIBIT INDEX

Exhibit No.

Exhibit

23.1

Consent of Independent Registered Public Accounting Firm

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statement (No. 33-55540) on Form S-8 of our report dated June 15, 2006 appearing in the annual report on Form 11-K of AMCOL International Corporation Savings Plan for the year ended December 31, 2005.

Chicago, Illinois
June 22, 2006

Plante + Moran, PLLC