## BlackRock Real Asset Equity Trust Form N-PX August 27, 2009

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-PX

ANNUAL REPORT OF PROXY VOTING RECORD OF REGISTERED MANAGEMENT

INVESTMENT COMPANY

Investment Company Act file number 811-21931

Name of Fund: BlackRock Real Asset Equity Trust (BCF)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: Anne Ackerley, Chief Executive Officer, BlackRock Real Asset Equity

Trust, 40 East 52(nd) Street, New York City, NY 10022.

Registrant's telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 10/31

Date of reporting period: 07/01/2008 -- 06/30/2009

Item 1 -- Proxy Voting Record -- Attached hereto.

Pursuant to the requirements of the Investment Company Act of 1940, the registrant has duly caused this report to be

signed on its behalf by the undersigned, thereunto duly authorized.

BlackRock Real Asset Equity Trust

By: /s/ Anne Ackerley

Anne Ackerley

Chief Executive Officer of

BlackRock Real Asset Equity Trust

Date: August 14, 2009

ICA File Number: 811-21931

Reporting Period: 07/01/2008 - 06/30/2009

BlackRock Real Asset Equity Trust

AGRIUM INC.

Ticker: AGU Security ID: 008916108 Meeting Date: MAY 13, 2009 Meeting Type: Annual

Record Date: MAR 23, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Ralph S. Cunningham	For	For	Management
1.2	Elect Director Germaine Gibara	For	For	Management
1.3	Elect Director Russell K. Girling	For	For	Management
1.4	Elect Director Susan A. Henry	For	For	Management
1.5	Elect Director Russell J. Horner	For	For	Management
1.6	Elect Director A. Anne McLellan	For	For	Management
1.7	Elect Director Derek G. Pannell	For	For	Management
1.8	Elect Director Frank W. Proto	For	For	Management
1.9	Elect Director Michael M. Wilson	For	For	Management
1.10	Elect Director Victor J. Zaleschuk	For	For	Management
2	Approve KPMG LLP as Auditors and	For	For	Management
	Authorize Board to Fix Their			
	Remuneration			

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AIR PRODUCTS & CHEMICALS, INC.

Ticker: APD Security ID: 009158106 Meeting Date: JAN 22, 2009 Meeting Type: Annual

Record Date: NOV 30, 2008

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Mario L. Baeza	For	For	Management
1.2	Elect Director Edward E. Hagenlocker	For	For	Management
1.3	Elect Director John E. McGlade	For	For	Management
1.4	Elect Director Charles H. Noski	For	For	Management
2	Ratify Auditors	For	For	Management

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### ALLEGHENY TECHNOLOGIES INCORPORATED

Ticker: ATI Security ID: 01741R102 Meeting Date: MAY 7, 2009 Meeting Type: Annual

Record Date: MAR 11, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Diane C. Creel	For	For	Management
1.2	Elect Director James E. Rohr	For	For	Management
1.3	Elect Director Louis J. Thomas	For	For	Management
1.4	Elect Director Barbara S. Jeremiah	For	For	Management
2	Ratify Auditors	For	For	Management

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### CARPENTER TECHNOLOGY CORP.

Ticker: CRS Security ID: 144285103 Meeting Date: OCT 13, 2008 Meeting Type: Annual

Record Date: AUG 15, 2008

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Robert R. McMaster	For	For	Management
1.2	Elect Director Gregory A. Pratt	For	For	Management
1.3	Elect Director Anne L. Stevens	For	For	Management
2	Ratify Auditors	For	For	Management

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## CATERPILLAR INC.

Ticker: CAT Security ID: 149123101 Meeting Date: JUN 10, 2009 Meeting Type: Annual

Record Date: APR 13, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Daniel M. Dickinson	For	For	Management
1.2	Elect Director David R. Goode	For	For	Management
1.3	Elect Director James W. Owens	For	For	Management
1.4	Elect Director Charles D. Powell	For	For	Management
1.5	Elect Director Joshua I. Smith	For	For	Management
2	Ratify Auditors	For	For	Management
3	Declassify the Board of Directors	Against	For	Shareholder

4	Require a Majority Vote for the	Against	For	Shareholder
	Election of Directors			
5	Report on Foreign Military Sales	Against	Against	Shareholder
6	Adopt Simple Majority Vote Standard	Against	For	Shareholder
7	Limitation on Compensation Consultant	Against	For	Shareholder
	Services			
8	Require Independent Board Chairman	Against	Against	Shareholder
9	Report on Lobbying Priorities	Against	Against	Shareholder

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### CELANESE CORP.

Ticker: CE Security ID: 150870103
Meeting Date: APR 23, 2009 Meeting Type: Annual

Record Date: MAR 2, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director James E. Barlett	For	For	Management
1.2	Elect Director David F. Hoffmeister	For	For	Management
1.3	Elect Director Paul H. O'Neill	For	For	Management
2	Ratify Auditors	For	For	Management
3	Approve Omnibus Stock Plan	For	For	Management
4	Approve Qualified Employee Stock	For	For	Management
	Purchase Plan			

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### CLIFFS NATURAL RESOURCES INC

Ticker: CLF Security ID: 18683K101 Meeting Date: MAY 12, 2009 Meeting Type: Annual

Record Date: MAR 16, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director R.C. Cambre	For	Withhold	Management
1.2	Elect Director J.A. Carrabba	For	Withhold	Management
1.3	Elect Director S.M. Cunningham	For	Withhold	Management
1.4	Elect Director B.J. Eldridge	For	Withhold	Management
1.5	Elect Director S.M. Green	For	Withhold	Management
1.6	Elect Director J.D. Ireland III	For	Withhold	Management
1.7	Elect Director F.R. McAllister	For	Withhold	Management
1.8	Elect Director R. Phillips	For	Withhold	Management
1.9	Elect Director R.K. Riederer	For	Withhold	Management
1.10	Elect Director A. Schwartz	For	Withhold	Management
2	Ratify Auditors	For	For	Management

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#### DEERE & CO.

Ticker: DE Security ID: 244199105 Meeting Date: FEB 25, 2009 Meeting Type: Annual

Record Date: DEC 31, 2008

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Crandall C. Bowles	For	For	Management
1.2	Elect Director Vance D. Coffman	For	For	Management
1.3	Elect Director Clayton M. Jones	For	For	Management

1.4	Elect Director Thomas H. Patrick	For	For	Management
2	Ratify Auditors	For	For	Management
3	Declassify the Board of Directors	For	For	Shareholder
4	Advisory Vote to Ratify Named Executive	Against	For	Shareholder
	Officers' Compensation			
5	Require Independent Board Chairman	Against	Against	Shareholder

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## DOW CHEMICAL COMPANY, THE

Ticker: DOW Security ID: 260543103
Meeting Date: MAY 14, 2009 Meeting Type: Annual

Record Date: MAR 16, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1	Elect Director Arnold A. Allemang	For	For	Management
2	Elect Director Jacqueline K. Barton	For	For	Management
3	Elect Director James A. Bell	For	For	Management
4	Elect Director Jeff M. Fettig	For	For	Management
5	Elect Director Barbara H. Franklin	For	For	Management
6	Elect Director John B. Hess	For	For	Management
7	Elect Director Andrew N. Liveris	For	For	Management
8	Elect Director Geoffery E. Merszei	For	For	Management
9	Elect Director Dennis H. Reilley	For	For	Management
10	Elect Director James M. Ringler	For	For	Management
11	Elect Director Ruth G. Shaw	For	For	Management
12	Elect Director Paul G. Stern	For	For	Management
13	Ratify Auditors	For	For	Management
14	Restore or Provide for Cumulative	Against	Against	Shareholder
	Voting			
15	Amend Articles/Bylaws/Charter Call	Against	For	Shareholder
	Special Meetings			
16	Stock Retention/Holding Period	Against	For	Shareholder
17	Advisory Vote to Ratify Named Executive Officers' Compensation	Against	For	Shareholder
18	Report on Environmental Remediation in Midland Area	Against	Against	Shareholder

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## E.I. DU PONT DE NEMOURS & CO.

Ticker: DD Security ID: 263534109
Meeting Date: APR 29, 2009 Meeting Type: Annual

Record Date: MAR 4, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1	Elect Director Samuel W. Bodman	For	For	Management
2	Elect Director Richard H. Brown	For	For	Management
3	Elect Director Robert A. Brown	For	For	Management
4	Elect Director Bertrand P. Collomb	For	For	Management
5	Elect Director Curtis J. Crawford	For	For	Management
6	Elect Director Alexander M. Cutler	For	For	Management
7	Elect Director John T. Dillon	For	For	Management
8	Elect Director Eleuthere I. Du Pont	For	For	Management
9	Elect Director Marillyn Hewson	For	For	Management
10	Elect Director Charles O. Holliday, Jr.	For	For	Management
11	Elect Director Lois D. Juliber	For	For	Management
12	Elect Director Ellen J. Kullman	For	For	Management

13	Elect Director William K. Reily	For	For	Management
14	Ratify Auditors	For	For	Management
15	Advisory Vote to Ratify Named Executive	Against	For	Shareholder
	Officers' Compensation			

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#### GUARANTY FINANCIAL GROUP INC.

Ticker: GFG Security ID: 40108N106 Meeting Date: SEP 29, 2008 Meeting Type: Special

Record Date: AUG 29, 2008

# Proposal Mgt Rec Vote Cast Sponsor 1 Approve Conversion of Securities For For Management

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#### INTERNATIONAL PAPER CO.

Ticker: IP Security ID: 460146103 Meeting Date: MAY 11, 2009 Meeting Type: Annual

Record Date: MAR 16, 2009

# Proposal
1.1 Elect Directors John V. Faraci For For Management
1.2 Elect Directors Stacey J. Mobley For For Management
1.3 Elect Directors William G. Walter For For Management
1.4 Elect Directors J. Steven Whisler For For Management
2 Ratify Auditors For For Management
3 Permit Right to Call Special Meeting For For Management
4 Approve Omnibus Stock Plan For For Management
5 Report on Sustainable Forestry Against Against Shareholder

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### MEADWESTVACO CORP.

Ticker: MWV Security ID: 583334107 Meeting Date: APR 27, 2009 Meeting Type: Annual

Record Date: FEB 27, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
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1.1	Elect Director Michael E. Campbell	For	For	Management
1.2	Elect Director Thomas W. Cole, Jr.	For	For	Management
1.3	Elect Director James G. Kaiser	For	For	Management
1.4	Elect Director Richard B. Kelson	For	For	Management
1.5	Elect Director James M. Kilts	For	For	Management
1.6	Elect Director Susan J. Kropf	For	For	Management
1.7	Elect Director Douglas S. Luke	For	For	Management
1.8	Elect Director John A. Luke, Jr.	For	For	Management
1.9	Elect Director Robert C. McCormack	For	For	Management
1.10	Elect Director Timothy H. Powers	For	For	Management
1.11	Elect Director Edward M. Straw	For	For	Management
1.12	Elect Director Jane L. Warner	For	For	Management
2	Ratify Auditors	For	For	Management
3	Amend Omnibus Stock Plan	For	For	Management
4	Amend Articles/Bylaws/Charter Call	Against	For	Shareholder
	Special Meetings			

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#### MOSAIC CO

Ticker: MOS Security ID: 61945A107
Meeting Date: OCT 9, 2008 Meeting Type: Annual

Record Date: AUG 11, 2008

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director David B. Mathis	For	For	Management
1.2	Elect Director James L. Popowich	For	For	Management
1.3	Elect Director James T. Prokopanko	For	For	Management
1.4	Elect Director Steven M. Seibert	For	For	Management
2	Ratify Auditors	For	For	Management

### OLIN CORP.

Ticker: OLN Security ID: 680665205 Meeting Date: APR 23, 2009 Meeting Type: Annual

Record Date: FEB 27, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Gray G. Benoist	For	For	Management
1.2	Elect Director Donald W. Bogus	For	For	Management
1.3	Elect Director John M. B. O'Connor	For	For	Management
1.4	Elect Director Philip J. Schulz	For	For	Management
1.5	Elect Director Vincent J. Smith	For	For	Management
2	Approve Omnibus Stock Plan	For	For	Management
3	Ratify Auditors	For	For	Management

### POTASH CORPORATION OF SASKATCHEWAN INC.

Ticker: POT Security ID: 73755L107
Meeting Date: MAY 7, 2009
Record Date: MAR 12, 2009

Security ID: 73755L107
Meeting Type: Annual/Special

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director C. M. Burley	For	For	Management
1.2	Elect Director W. J. Doyle	For	For	Management
1.3	Elect Director J. W. Estey	For	For	Management
1.4	Elect Director C. S. Hoffman	For	For	Management
1.5	Elect Director D. J. Howe	For	For	Management
1.6	Elect Director A. D. Laberge	For	For	Management
1.7	Elect Director K. G. Martell	For	For	Management
1.8	Elect Director J. J. McCaig	For	For	Management
1.9	Elect Director M. Mogford	For	For	Management
1.10	Elect Director P. J. Schoenhals	For	For	Management
1.11	Elect Director E. R. Stromberg	For	For	Management
1.12	Elect Director E. Viyella de Paliza	For	For	Management
2	Approve Deloitte & Touche LLP as	For	For	Management
	Auditors and Authorize Board to Fix			
	Their Remuneration			
3	Approve 2009 Performance Option Plan	For	For	Management
4	Advisory Vote to Ratify Named Executive	Against	For	Shareholder

Officers' Compensation

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#### PRAXAIR, INC.

Ticker: PX Security ID: 74005P104
Meeting Date: APR 28, 2009 Meeting Type: Annual

Record Date: MAR 2, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Stephen F. Angel	For	For	Management
1.2	Elect Director Nance K. Dicciani	For	For	Management
1.3	Elect Director Edward G. Galante	For	For	Management
1.4	Elect Director Claire W. Gargalli	For	For	Management
1.5	Elect Director Ira D. Hall	For	For	Management
1.6	Elect Director Raymond W. LeBoeuf	For	For	Management
1.7	Elect Director Larry D. McVay	For	For	Management
1.8	Elect Director Wayne T. Smith	For	For	Management
1.9	Elect Director H. Mitchell Watson, Jr.	For	For	Management
1.10	Elect Director Robert L. Wood	For	For	Management
2	Approve Omnibus Stock Plan	For	For	Management
3	Ratify Auditors	For	For	Management

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#### ROHM AND HAAS CO.

Ticker: ROH Security ID: 775371107
Meeting Date: OCT 29, 2008 Meeting Type: Special

Record Date: SEP 25, 2008

# Proposal Mgt Rec Vote Cast Sponsor
1 Approve Merger Agreement For For Management
2 Adjourn Meeting For For Management

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### TEMPLE-INLAND INC.

Ticker: TIN Security ID: 879868107
Meeting Date: MAY 1, 2009 Meeting Type: Annual

Record Date: MAR 6, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1	Elect Director Cassandra C. Carr	For	For	Management
2	Elect Director Richard M. Smith	For	For	Management
3	Elect Director Arthur Temple III	For	For	Management
4	Elect Director R.A. Walker	For	For	Management
5	Ratify Auditors	For	For	Management

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### UNITED STATES STEEL CORP.

Ticker: X Security ID: 912909108 Meeting Date: APR 28, 2009 Meeting Type: Annual

Record Date: FEB 27, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Frank J. Lucchino	For	For	Management
1.2	Elect Director Seth E. Schofield	For	For	Management
1.3	Elect Director John P. Surma	For	For	Management
1.4	Elect Director David S. Sutherland	For	For	Management
2	Ratify Auditors	For	For	Management

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### WEYERHAEUSER CO.

Ticker: WY Security ID: 962166104 Meeting Date: APR 16, 2009 Meeting Type: Annual

Record Date: FEB 20, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Debra A. Cafaro	For	For	Management
1.2	Elect Director Nicole W. Piasecki	For	For	Management
1.3	Elect Director Mark A. Emmert	For	For	Management
1.4	Elect Director Daniel S. Fulton	For	For	Management
1.5	Elect Director Wayne W. Murdy	For	For	Management
2	Require Independent Board Chairman	Against	Against	Shareholder
3	Reduce Supermajority Vote Requirement	Against	For	Shareholder
4	Ratify Auditors	For	For	Management

====== END NPX REPORT