

MILLIPORE CORP /MA
Form SC 13D/A
May 07, 2010

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934 (Amendment No. 2)

Millipore Corporation
(Name of Issuer)

Common Stock
(Title of Class of Securities)

_____601073109_____

(CUSIP Number)

Peter D. Goldstein
GAMCO Investors, Inc.
One Corporate Center
Rye, New York 10580-1435
(914) 921-5000

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

_____ May 6, 2010 _____
(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box .

CUSIP No. 601073109

- 1 Names of reporting persons
 I.R.S. identification nos. of above persons (entities only)
 Gabelli Funds, LLC I.D. No. 13-4044523
- 2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only
- 4 Source of funds (SEE INSTRUCTIONS)
 00-Funds of investment advisory clients
- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e) X

- 6 Citizenship or place of organization
 New York

Number Of	: 7	Sole voting power
	:	
Shares	:	1,411,100 (Item 5)
	:	
Beneficially	: 8	Shared voting power
	:	
Owned	:	None
	:	
By Each	: 9	Sole dispositive power
	:	
Reporting	:	1,411,100 (Item 5)
	:	
Person	:10	Shared dispositive power
	:	
With	:	None
	:	

- 11 Aggregate amount beneficially owned by each reporting person
 1,411,100 (Item 5)

- 12 Check box if the aggregate amount in row (11) excludes certain shares
 (SEE INSTRUCTIONS)

- 13 Percent of class represented by amount in row (11)
 2.51%

- 14 Type of reporting person (SEE INSTRUCTIONS)

IA

2

CUSIP No. 601073109

- 1 Names of reporting persons
 I.R.S. identification nos. of above persons (entities only)
 GAMCO Asset Management Inc. I.D. No. 13-4044521
- 2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only
- 4 Source of funds (SEE INSTRUCTIONS)
 00-Funds of investment advisory clients
- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)

- 6 Citizenship or place of organization
 New York

Number Of	: 7	Sole voting power
	:	
Shares	:	1,816,380 (Item 5)
	:	
Beneficially	: 8	Shared voting power
	:	
Owned	:	None
	:	
By Each	: 9	Sole dispositive power
	:	
Reporting	:	1,999,080 (Item 5)
	:	
Person	:10	Shared dispositive power
	:	
With	:	None
	:	

- 11 Aggregate amount beneficially owned by each reporting person

1,999,080 (Item 5)

- 12 Check box if the aggregate amount in row (11) excludes certain shares
 (SEE INSTRUCTIONS)

- 13 Percent of class represented by amount in row (11)

3.56%

CUSIP No. 601073109

1 Names of reporting persons
 I.R.S. identification nos. of above persons (entities only)
 Gabelli Securities, Inc. I.D. No. 13-3379374

2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

3 Sec use only

4 Source of funds (SEE INSTRUCTIONS)
 00 – Client funds

5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)

6 Citizenship or place of organization
 Delaware

Number Of	: 7	Sole voting power
	:	
Shares	:	164,800 (Item 5)
	:	
Beneficially	: 8	Shared voting power
	:	
Owned	:	None
	:	
By Each	: 9	Sole dispositive power
	:	
Reporting	:	164,800 (Item 5)
	:	
Person	:10	Shared dispositive power
	:	
With	:	None
	:	

11 Aggregate amount beneficially owned by each reporting person

164,800 (Item 5)

12 Check box if the aggregate amount in row (11) excludes certain shares
 (SEE INSTRUCTIONS)

13 Percent of class represented by amount in row (11)

0.29%

14 Type of reporting person (SEE INSTRUCTIONS)

HC, CO, IA

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CUSIP No. 601073109

- 1 Names of reporting persons
 I.R.S. identification nos. of above persons (entities only)
 Gabelli Foundation, Inc. I.D. No. 94-2975159
- 2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only
- 4 Source of funds (SEE INSTRUCTIONS)
 WC
- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)

- 6 Citizenship or place of organization
 NV

Number Of	: 7	Sole voting power
	:	
Shares	:	50,000 (Item 5)
	:	
Beneficially	: 8	Shared voting power
	:	
Owned	:	None
	:	
By Each	: 9	Sole dispositive power
	:	
Reporting	:	50,000 (Item 5)
	:	
Person	:10	Shared dispositive power
	:	
With	:	None
	:	

- 11 Aggregate amount beneficially owned by each reporting person
 50,000 (Item 5)

- 12 Check box if the aggregate amount in row (11) excludes certain shares
 (SEE INSTRUCTIONS)

- 13 Percent of class represented by amount in row (11)
 0.09%

- 14 Type of reporting person (SEE INSTRUCTIONS)
 00-Private Foundation

CUSIP No. 601073109

- 1 Names of reporting persons
 I.R.S. identification nos. of above persons (entities only)
 MJG Associates, Inc. I.D. No. 06-1304269
- 2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only

- 4 Source of funds (SEE INSTRUCTIONS)
 00-Client Funds

- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)

- 6 Citizenship or place of organization
 Connecticut

Number Of	: 7	Sole voting power
	:	
Shares	:	9,000 (Item 5)
	:	
Beneficially	: 8	Shared voting power
	:	
Owned	:	None
	:	
By Each	: 9	Sole dispositive power
	:	
Reporting	:	9,000 (Item 5)
	:	
Person	:10	Shared dispositive power
	:	
With	:	None
	:	

- 11 Aggregate amount beneficially owned by each reporting person
 9,000 (Item 5)

- 12 Check box if the aggregate amount in row (11) excludes certain shares
 (SEE INSTRUCTIONS)

- 13 Percent of class represented by amount in row (11)
 0.02%

- 14 Type of reporting person (SEE INSTRUCTIONS)

CO

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CUSIP No. 601073109

1 Names of reporting persons
I.R.S. identification nos. of above persons (entities only)
MJG-IV Limited Partnership I.D.
No. 13-3191826
Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

3 Sec use only

4 Source of funds (SEE INSTRUCTIONS)

5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)

6 Citizenship or place of organization
New York

Number Of	: 7	Sole voting power
	:	
Shares	:	26,000 (Item 5)
	:	
Beneficially	: 8	Shared voting power
	:	
Owned	:	
	:	
By Each	:	
Reporting		
Person		
With		