

GCP Applied Technologies Inc.  
Form SC 13D  
September 20, 2018

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934

GCP Applied Technologies, Inc.  
(Name of Issuer)

Common Stock, \$0.01 par value per share  
(Title of Class of Securities)

(CUSIP Number)

36164Y101

David Goldman  
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)

September 19, 2018

(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. 36164Y101

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

2 (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 : 365,912 (Item 5)

Beneficially :8 Shared voting power

Owned : None

By Each :9 Sole dispositive power

Reporting : 365,912 (Item 5)

Person :10 Shared dispositive power

With : None

11 Aggregate amount  
 beneficially owned by each

reporting person

365,912 (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)

0.51%

14 Type of reporting person  
(SEE INSTRUCTIONS)  
IA, CO

2

---

CUSIP No. 36164Y101

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 :<sup>7</sup> Sole voting power

Shares : 2,924,199 (Item 5)

Beneficially :<sup>8</sup> Shared voting power

Owned : None

By Each :<sup>9</sup> Sole dispositive power

Reporting : 3,166,299 (Item 5)

Person :<sup>10</sup> Shared dispositive power

With : None

11 Aggregate amount  
beneficially owned by each  
reporting person

12 3,166,299 (Item 5)  
Check box if the aggregate  
amount in row (11) excludes  
certain shares  
(SEE INSTRUCTIONS)

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

14 4.39%  
Type of reporting person  
(SEE INSTRUCTIONS)  
IA, CO

3

---

CUSIP No. 36164Y101

Names of reporting persons  
 I.R.S. identification nos. of  
 above persons (entities only)  
 1 Gabelli & Company  
 Investment Advisers, Inc.  
 I.D. No.  
 13-3379374  
 Check the appropriate box if  
 a member of a group (SEE  
 INSTRUCTIONS) (a)

2  
 (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 : 10,500 (Item 5)

Beneficially :8 Shared voting power

Owned : None

By Each :9 Sole dispositive power

Reporting : 10,500 (Item 5)

Person :10 Shared dispositive power

With : None

11 Aggregate amount  
 beneficially owned by each  
 reporting person

12 10,500 (Item 5)  
Check box if the aggregate  
amount in row (11) excludes  
certain shares  
(SEE INSTRUCTIONS)

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

14 0.01%  
Type of reporting person  
(SEE INSTRUCTIONS)  
HC, CO, IA

4

---

CUSIP No. 36164Y101

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 :<sup>7</sup> Sole voting power

Shares : 38,000 (Item 5)

Beneficially :<sup>8</sup> Shared voting power

Owned : None

By Each :<sup>9</sup> Sole dispositive power

Reporting : 38,000 (Item 5)

Person :<sup>10</sup> Shared dispositive power

With : None

11 Aggregate amount  
beneficially owned by each  
reporting person



12 38,000 (Item 5)  
Check box if the aggregate  
amount in row (11) excludes  
certain shares  
(SEE INSTRUCTIONS)

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

14 0.05%  
Type of reporting person  
(SEE INSTRUCTIONS)  
CO

5

---

CUSIP No. 36164Y101

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 :<sup>7</sup> Sole voting power

Shares : 5,000 (Item 5)

Beneficially :<sup>8</sup> Shared voting power

Owned : None

By Each :<sup>9</sup> Sole dispositive power

Reporting : 5,000 (Item 5)

Person :<sup>10</sup> Shared dispositive power

With : None

11 Aggregate amount  
beneficially owned by each  
reporting person

5,000 (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)

0.01%

14 Type of reporting person  
(SEE INSTRUCTIONS)

00-Private Foundation

6

---

CUSIP No. 36164Y101

Names of reporting persons  
I.R.S. identification nos. of  
above persons (entities only)

1 GGCP, Inc.

I.D. No.

13-3056041

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

2

(b)

3 Sec use only

Source of funds (SEE  
INSTRUCTIONS)  
WC

4

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

5

Citizenship or place of  
organization  
Wyoming

6

Number Of :<sup>7</sup> Sole voting power

Shares : 16,000 (Item 5)

Beneficially :<sup>8</sup> Shared voting power

Owned : None

By Each :<sup>9</sup> Sole dispositive power

Reporting : 16,000 (Item 5)

Person :<sup>10</sup> Shared dispositive power

With : None

11 Aggregate amount  
beneficially owned by each  
reporting person

16,000 (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)  
HC, CO

7

---

CUSIP No. 36164Y101

Names of reporting persons  
I.R.S. identification nos. of  
above persons (entities only)

1 GAMCO Investors, Inc.

I.D.

No. 13-4007862

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

(b)

3 Sec use only

4 Source of funds (SEE  
INSTRUCTIONS)  
None

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 : None (Item 5)

Beneficially :8 Shared voting power

Owned : None

By Each :9 Sole dispositive power

Reporting : None (Item 5)

Person :10 Shared dispositive power

With : None

11 Aggregate amount  
beneficially owned by each  
reporting person

None (Item 5)

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

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

0.00%

14 Type of reporting person  
(SEE INSTRUCTIONS)  
HC, CO

8

---

CUSIP No. 36164Y101

Names of reporting persons  
I.R.S. identification nos. of  
above persons (entities only)

1 Associated Capital Group,  
Inc.

I.D. No. 47-3965991

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  
Delaware

Number Of :<sup>7</sup> Sole voting power

Shares : 1,300 (Item 5)

Beneficially :<sup>8</sup> Shared voting power

Owned : None

By Each :<sup>9</sup> Sole dispositive power

Reporting : 1,300 (Item 5)

Person :<sup>10</sup> Shared dispositive power

With : None

11 Aggregate amount  
beneficially owned by each  
reporting person



1,300 (Item 5)

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

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

0.00%

14 Type of reporting person  
(SEE INSTRUCTIONS)  
HC, CO

9

---

CUSIP No. 36164Y101

1 Names of reporting persons  
I.R.S. identification nos. of  
above persons (entities only)

Mario J. Gabelli

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)  
Private 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  
USA

Number Of :<sup>7</sup> Sole voting power

Shares : 3,600 (Item 5)

Beneficially :<sup>8</sup> Shared voting power

Owned : None

By Each :<sup>9</sup> Sole dispositive power

Reporting : 3,600 (Item 5)

Person :<sup>10</sup> Shared dispositive power

With : None

11 Aggregate amount  
beneficially owned by each  
reporting person

3,600 (Item 5)

12 Check box if the aggregate  
amount in row (11) excludes

certain shares  
(SEE INSTRUCTIONS) X

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

14 0.01%  
Type of reporting person  
(SEE INSTRUCTIONS)  
IN

10

---

Item 1. Security and Issuer

The class of equity securities to which this statement on Schedule 13D relates is the Common Stock of GCP Applied Technologies, Inc., (the "Issuer"), a Delaware corporation with principal offices located at 62 Whittemore Avenue, Cambridge, Massachusetts 02140-1623.

Item 2. Identity and Background

This statement is being filed by Mario J. Gabelli ("Mario Gabelli") and various entities which he directly or indirectly controls or for which he acts as chief investment officer. These entities, except for LICT Corporation ("LICT"), CIBL, Inc. ("CIBL") and ICTC Group, Inc. ("ICTC"), engage in various aspects of the securities business, primarily as investment adviser to various institutional and individual clients, including registered investment companies and pension plans, and as general partner or the equivalent of various private investment partnerships or private funds. Certain of these entities may also make investments for their own accounts. The foregoing persons in the aggregate often own beneficially more than 5% of a class of equity securities of a particular issuer. Although several of the foregoing persons are treated as institutional investors for purposes of reporting their beneficial ownership on the short-form Schedule 13G, the holdings of those who do not qualify as institutional investors may exceed the 1% threshold presented for filing on Schedule 13G or implementation of their investment philosophy may from time to time require action which could be viewed as not completely passive. In order to avoid any question as to whether their beneficial ownership is being reported on the proper form and in order to provide greater investment flexibility and administrative uniformity, these persons have decided to file their beneficial ownership reports on the more detailed Schedule 13D form rather than on the short-form Schedule 13G and thereby to provide more expansive disclosure than may be necessary.

(a), (b) and (c) - This statement is being filed by one or more of the following persons: GGCP, Inc. ("GGCP"), GGCP Holdings LLC ("GGCP Holdings"), GAMCO Investors, Inc. ("GBL"), Associated Capital Group, Inc. ("AC"), Gabelli Funds, LLC ("Gabelli Funds"), GAMCO Asset Management Inc. ("GAMCO"), Teton Advisors, Inc. ("Teton Advisors"), Gabelli & Company Investment Advisers, Inc. ("GCIA"), G.research, LLC ("G.research"), MJG Associates, Inc. ("MJG Associates"), Gabelli Foundation, Inc. ("Foundation"), Mario Gabelli, LICT, CIBL and ICTC. Those of the foregoing persons signing this Schedule 13D are hereinafter referred to as the "Reporting Persons". GGCP makes investments for its own account and is the manager and a member of GGCP Holdings which is the controlling shareholder of GBL and AC. GBL, a public company listed on the New York Stock Exchange, is the parent company for a variety of companies engaged in the securities business, including certain of those named below. AC, a public company listed on the New York Stock Exchange, is the parent company for a variety of companies engaged in the securities business, including certain of those listed below.

GAMCO, a wholly-owned subsidiary of GBL, is an investment adviser registered under the Investment Advisers Act of 1940, as amended ("Advisers Act"). GAMCO is an investment manager providing discretionary managed account services for employee benefit plans, private investors, endowments, foundations and others.

GCIA, a wholly owned subsidiary of AC, is an investment adviser registered under the Advisers Act and serves as a general partner or investment manager to limited partnerships and offshore investment companies and other accounts. As a part of its business, GCIA may purchase or sell securities for its own account. GCIA is a general partner or investment manager of a number of funds or partnerships, including Gabelli Associates Fund, L.P., Gabelli Associates Fund II, L.P., Gabelli Associates Limited, Gabelli Associates Limited II E, ALCE Partners, L.P., Gabelli Capital Structure Arbitrage Fund LP, Gabelli Capital Structure Arbitrage Fund Limited, Gabelli Intermediate Credit Fund L.P., GAMA Select Energy + L.P., GAMCO Medical Opportunities L.P., and Gabelli Multimedia Partners, L.P. G.research, a wholly owned subsidiary of GCIA, is a broker-dealer registered under the Securities Exchange Act of 1934, as amended ("1934 Act"), which as a part of its business regularly purchases and sells securities for its own account.

Gabelli Funds, a wholly owned subsidiary of GBL, is a limited liability company. Gabelli Funds is an investment adviser registered under the Advisers Act which provides advisory services for The Gabelli Equity Trust Inc., The Gabelli Asset Fund, The GAMCO Growth Fund, The Gabelli Convertible and Income Securities Fund Inc., The Gabelli Value 25 Fund Inc., The Gabelli Small Cap Growth Fund, The Gabelli Equity Income Fund, The Gabelli ABC Fund, The GAMCO Global Telecommunications Fund, The Gabelli Gold Fund, Inc., The Gabelli Multimedia Trust Inc., The Gabelli Global Rising Income & Dividend Fund, The Gabelli Capital Asset Fund, The GAMCO

International Growth Fund, Inc., The GAMCO Global Growth Fund, The Gabelli Utility Trust, The GAMCO Global Opportunity Fund, The Gabelli Utilities Fund, The Gabelli Dividend Growth Fund, The Gabelli Focus Five Fund, The Comstock Capital Value Fund, The Gabelli Dividend and Income Trust, The Gabelli Global Utility & Income Trust, The GAMCO Global Gold, Natural Resources, & Income Trust, The GAMCO Natural Resources Gold & Income Trust, The GDL Fund, Gabelli Enterprise Mergers & Acquisitions Fund, The Gabelli ESG Fund, Inc., The Gabelli Healthcare & Wellness<sup>Rx</sup> Trust, The Gabelli Global Small and Mid Cap Value Trust, Gabelli Value Plus+ Trust, The Gabelli Go Anywhere Trust, Bancroft Fund Ltd. and Ellsworth Growth & Income Fund Ltd. (collectively, the "Funds"), which are registered investment companies. Gabelli Funds is also the investment adviser to the Gabelli Media Mogul NextShares<sup>TM</sup>, the Gabelli Food of All Nations NextShares<sup>TM</sup>, the RBI NextShares<sup>TM</sup>, and the Gabelli Pet Parents' Fund NextShares<sup>TM</sup>, and The GAMCO International SICAV (sub-funds GAMCO Merger Arbitrage and GAMCO All Cap Value), a UCITS III vehicle.

Teton Advisors, an investment adviser registered under the Advisers Act, provides discretionary advisory services to The TETON Westwood Mighty Mites<sup>sm</sup> Fund, The TETON Westwood Income Fund, The TETON Westwood SmallCap Equity Fund, and The TETON Westwood Mid-Cap Equity Fund.

MJG Associates provides advisory services to private investment partnerships and offshore funds. Mario Gabelli is the sole shareholder, director and employee of MJG Associates. MJG Associates is the Investment Manager of Gabelli International Limited and Gabelli Fund, LDC. Mario J. Gabelli is the general partner of Gabelli Performance Partnership, LP.

The Foundation is a private foundation. Mario Gabelli is the Chairman, a Trustee and the Investment Manager of the Foundation. Elisa M. Wilson is the President of the Foundation.

LICT is a holding company with operating subsidiaries engaged primarily in the rural telephone industry. LICT actively pursues new business ventures and acquisitions. LICT makes investments in marketable securities to preserve capital and maintain liquidity for financing their business activities and acquisitions and are not engaged in the business of investing, or trading in securities. Mario J. Gabelli is the Chief Executive Officer, a director, and substantial shareholder of LICT.

ICTC is a holding company with subsidiaries in voice, broadband and other telecommunications services, primarily in the rural telephone industry. ICTC makes investments in marketable securities to preserve capital and maintain liquidity for financing their business activities and acquisitions and are not engaged in the business of investing, or trading in securities. Mario J. Gabelli is a director, and substantial shareholder of ICTC.

CIBL is a holding company with interests in telecommunications operations, primarily in the rural telephone industry. CIBL actively pursues new business ventures and acquisitions. CIBL makes investments in marketable securities to preserve capital and maintain liquidity for financing their business activities and acquisitions and are not engaged in the business of investing, or trading in securities. Mario J. Gabelli is a director, and substantial shareholder of CIBL. Mario Gabelli is the controlling stockholder, Chief Executive Officer and a director of GGCP and Chairman and Chief Executive Officer of GBL. He is the Executive Chairman of AC. Mario Gabelli is also a member of GGCP Holdings. Mario Gabelli is the controlling shareholder of Teton.

The Reporting Persons do not admit that they constitute a group.

GAMCO is a New York corporation and GBL, AC, GCIA, and Teton Advisors are Delaware corporations, each having its principal business office at One Corporate Center, Rye, New York 10580. GGCP is a Wyoming corporation having its principal business office at 140 Greenwich Avenue, Greenwich, CT 06830. GGCP Holdings is a Delaware limited liability corporation having its principal business office at 140 Greenwich Avenue, Greenwich, CT 06830.

G.research is a Delaware limited liability company having its principal officers at One Corporate Center, Rye, New York 10580. Gabelli Funds is a New York limited liability company having its principal business office at One Corporate Center, Rye, New York 10580. MJG Associates is a Connecticut corporation having its principal business office at 140 Greenwich Avenue, Greenwich, CT 06830. The Foundation is a Nevada corporation having its principal offices at 165 West Liberty Street, Reno, Nevada 89501. LICT is a Delaware corporation having its principal place of business as 401 Theodore Fremd Avenue, Rye, New York 10580. CIBL, Inc. is a Delaware corporation having its principal place of business as 165 West Liberty Street, Suite 220, Reno, NV 89501. ICTC Group Inc. is a Delaware corporation having its principal place of business as 556 Main Street, Nome, North Dakota 58062.

For information required by instruction C to Schedule 13D with respect to the executive officers and directors of the foregoing entities and other related persons (collectively, "Covered Persons"), reference is made to Schedule I

annexed hereto and incorporated herein by reference.

(d) – Not applicable.

(e) – Not applicable.

(f) – Reference is made to Schedule I hereto.

**Item 3. Source and Amount of Funds or Other Consideration**

The Reporting Persons used an aggregate of approximately \$108,246,526 to purchase the Securities reported as beneficially owned in Item 5. GAMCO and Gabelli Funds used approximately \$95,169,789 and \$10,908,287, respectively, of funds that were provided through the accounts of certain of their investment advisory clients (and, in the case of some of such accounts at GAMCO, may be through borrowings from client margin accounts) in order to purchase the Securities for such clients. GCIA used approximately \$314,950 of client funds to purchase the Securities reported by it. Foundation used approximately \$133,924 of funds of a private entity to purchase the Securities reported by it. Mario Gabelli used approximately \$112,188 of private funds to purchase the Securities reported by him. MJG Associates used approximately \$1,103,306 of client funds to purchase the Securities reported by it. GGCP used approximately \$461,936 of working capital to purchase the Securities reported by it. AC used approximately \$42,146 of working capital to purchase the Securities reported by it.

**Item 4. Purpose of Transaction**

Each of the Reporting Persons has purchased and holds the Securities reported by it for investment for one or more accounts over which it has shared, sole, or both investment and/or voting power, for its own account, or both.

The Reporting Persons are engaged in the business of securities analysis and investment. The Reporting Persons analyze the operations, capital structure and markets of companies in which they invest, including the Issuer, on a continuous basis through analysis of documentation and discussions with knowledgeable industry and market observers and with representatives of such companies (often at the invitation of management). As a result of these analytical activities one or more of the Reporting Persons may issue analysts reports, participate in interviews or hold discussions with third parties, with management or with Directors in which the Reporting Person may suggest or take a position with respect to potential changes in the operations, management or capital structure of such companies as a means of enhancing shareholder values. Such suggestions or positions may relate to one or more of the transactions specified in clauses (a) through (j) of Item 4 of Schedule 13D including, without limitation, such matters as disposing of one or more businesses, selling the company or acquiring another company or business, changing operating or marketing strategies, adopting or not adopting, certain types of anti-takeover measures and restructuring the company's capitalization or dividend policy.

Each of the Reporting Persons intends to adhere to the foregoing investment philosophy with respect to the Issuer. However, none of the Reporting Persons intends to seek control of the Issuer or participate in the management of the Issuer, and any Reporting Person that is registered as an investment company under the Company Act will participate in such a transaction only following receipt of an exemption from the SEC under Rule 17d-1 under the Company Act, if required, and in accordance with other applicable law. In pursuing this investment philosophy, each Reporting Person will continuously assess the Issuer's business, financial condition, results of operations and prospects, general economic conditions, the securities markets in general and those for the Issuer's securities in particular, other developments and other investment opportunities, as well as the investment objectives and diversification requirements of its shareholders or clients and its fiduciary duties to such shareholders or clients. Depending on such assessments, one or more of the Reporting Persons may acquire additional Securities or may determine to sell or otherwise dispose of all or some of its holdings of Securities. Although the Reporting Persons share the same basic investment philosophy and although most portfolio decisions are made by or under the supervision of Mario Gabelli, the investment objectives and diversification requirements of various clients differ from those of other clients so that one or more Reporting Persons may be acquiring Securities while others are disposing of Securities.

With respect to voting of the Securities, the Reporting Persons have adopted general voting policies relating to voting on specified issues affecting corporate governance and shareholder values. Under these policies, the Reporting Persons generally vote all securities over which they have voting power in favor of cumulative voting, financially reasonable golden parachutes, one share one vote, management cash incentives and pre-emptive rights and against

greenmail, poison pills, supermajority voting, blank check preferred stock and super-dilutive stock options. Exceptions may be made when management otherwise demonstrates superior sensitivity to the needs of shareholders. In the event that the aggregate voting position of all Reporting Persons exceeds 25% of the total voting position of the Issuer, one or more of the filing persons may transfer voting and/or dispositive power over shares to independent committees of directors or the owners of such shares. Such committees vote and/or consider disposition of such shares independently of the Reporting Persons.

Each of the Covered Persons who is not a Reporting Person has purchased the Securities reported herein as beneficially owned by him for investment for his own account or that of one or more members of his immediate family. Each such person may acquire additional Securities or dispose of some or all of the Securities reported herein with respect to him.

Other than as described above, none of the Reporting Persons and none of the Covered Persons who is not a Reporting Person has any present plans or proposals which relate to or would result in any transaction, change or event specified in clauses (a) through (j) of Item 4 of Schedule 13D.

#### Item 5. Interest In Securities Of The Issuer

(a) The aggregate number of Securities to which this Schedule 13D relates is 3,606,611 shares, representing 5.00% of the 72,157,729 shares outstanding as reported in the Issuer's most recently filed Form 10-Q for the quarterly period ended June 30, 2018. The Reporting Persons beneficially own those Securities as follows:

Name	Shares of Common Stock	% of Class of Common
GAMCO	3,166,299	4.39%
Gabelli Funds Foundation	365,912	0.51%
GCIA	5,000	0.01%
AC	10,500	0.01%
Mario Gabelli	1,300	0.00%
MJG Associates	3,600	0.01%
GGCP	38,000	0.05%
	16,000	0.02%

Mario Gabelli is deemed to have beneficial ownership of the Securities owned beneficially by each of the foregoing persons. GCIA is deemed to have beneficial ownership of the Securities owned beneficially by G.research. AC, GBL and GGCP are deemed to have beneficial ownership of the Securities owned beneficially by each of the foregoing persons other than Mario Gabelli and the Foundation.

(b) Each of the Reporting Persons and Covered Persons has the sole power to vote or direct the vote and sole power to dispose or to direct the disposition of the Securities reported for it, either for its own benefit or for the benefit of its investment clients or its partners, as the case may be, except that (i) GAMCO does not have the authority to vote 242,100 of the reported shares, (ii) Gabelli Funds has sole dispositive and voting power with respect to the shares of the Issuer held by the Funds so long as the aggregate voting interest of all joint filers does not exceed 25% of their total voting interest in the Issuer and, in that event, the Proxy Voting Committee of each Fund shall respectively vote that Fund's shares, (iii) at any time, the Proxy Voting Committee of each such Fund may take and exercise in its sole discretion the entire voting power with respect to the shares held by such fund under special circumstances such as regulatory considerations, and (iv) the power of Mario Gabelli, AC, GBL, and GGCP is indirect with respect to Securities beneficially owned directly by other Reporting Persons.

(c) Information with respect to all transactions in the Securities which were effected during the past sixty days or since the most recent filing on Schedule 13D, whichever is less, by each of the Reporting Persons and Covered Persons is set forth on Schedule II annexed hereto and incorporated herein by reference.

(d) The investment advisory clients of, or partnerships managed by, GAMCO, Gabelli Funds, Teton Advisors and MJG Associates have the sole right to receive and, subject to the notice, withdrawal and/or termination provisions of such advisory contracts and partnership arrangements, the sole power to direct the receipt of dividends from, and the proceeds of sale of, any of the Securities beneficially owned by such Reporting Persons on behalf of such clients or partnerships. Except as noted, no such client or partnership has an interest by virtue of such relationship that relates to more than 5% of the Securities.

(e) Not applicable.

**Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer**

The powers of disposition and voting of Gabelli Funds, Teton Advisors, GAMCO, GCIA and MJG Associates with respect to Securities owned beneficially by them on behalf of their investment advisory clients, and of MJG Associates and GCIA with respect to Securities owned beneficially by them on behalf of the partnerships or corporations which they directly or indirectly manage, are held pursuant to written agreements with such clients, partnerships and funds.

**Item 7. Material to be Filed as an Exhibit**

The following Exhibit A is attached hereto. The following Exhibit B is incorporated by reference to Exhibit B in the Initial Schedule 13D of the Reporting Persons with respect to Lincare Holdings Inc.

Exhibit A: Joint Filing Agreement

Exhibit B: Powers of Attorney to David M. Goldman and Douglas R. Jamieson from Mario J. Gabelli individually and/or as an executive officer or director of any entity of which Mr. Gabelli serves.



Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: September 20, 2018

GGCP, INC.  
MARIO J. GABELLI  
MJG ASSOCIATES, INC.  
GABELLI FOUNDATION, INC.

By: /s/ David Goldman  
David Goldman  
Attorney-in-Fact

GABELLI FUNDS, LLC

By: /s/ David Goldman  
David Goldman  
General Counsel – Gabelli Funds, LLC  
Counsel-Teton Advisors, Inc.

GAMCO INVESTORS, INC.

By: /s/ Kevin Handwerker  
Kevin Handwerker  
General Counsel & Secretary – GAMCO Investors, Inc.

ASSOCIATED CAPITAL GROUP, INC.  
GAMCO ASSET MANAGEMENT INC.  
GABELLI & COMPANY INVESTMENT ADVISERS, INC.

By: /s/ Douglas R. Jamieson  
Douglas R. Jamieson  
President & Chief Executive Officer – Associated Capital  
Group, Inc.  
President – GAMCO Asset Management Inc.  
President – Gabelli & Company Investment Advisers, Inc.



SCHEDULE I

Information with Respect to Executive  
Officers and Directors of the Undersigned

Schedule I to Schedule 13D is amended, in pertinent part, as follows:

The following sets forth as to each of the executive officers and directors of the undersigned: his name; his business address; his present principal occupation or employment and the name, principal business and address of any corporation or other organization in which such employment is conducted. Unless otherwise specified, the principal employer of each such individual is GAMCO Asset Management Inc., Gabelli Funds, LLC, Gabelli & Company Investment Advisers, Inc., G.research, LLC, Teton Advisors, Inc., Associated Capital Group, Inc. or GAMCO Investors, Inc., the business address of each of which is One Corporate Center, Rye, New York 10580, and each such individual identified below is a citizen of the United States. To the knowledge of the undersigned, during the last five years, no such person has been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors), and no such person was a party to a civil proceeding of a judicial or administrative body of competent jurisdiction as a result of which he was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities law or finding any violation with respect to such laws except as reported in Item 2(d) and (e) of this Schedule 13D.

GAMCO Investors, Inc.  
Directors:

Edwin L. Artzt  
Former Chairman and Chief Executive Officer  
Procter & Gamble Company  
900 Adams Crossing  
Cincinnati, OH 45202

Raymond C. Avansino  
Chairman & Chief Executive Officer  
E.L. Wiegand Foundation  
165 West Liberty Street  
Reno, NV 89501

Leslie B. Daniels  
Operating Partner  
AE Industrial Partners, LP  
2500 N. Military Trail, Suite 470  
Boca Raton, FL 33431

Mario J. Gabelli  
Chief Executive Officer and Chief Investment Officer of GGCP, Inc.  
Chairman & Chief Executive Officer of GAMCO Investors, Inc.  
Executive Chairman of Associated Capital Group, Inc.  
Director/Trustee of all registered investment companies advised by Gabelli Funds, LLC.

Elisa M. Wilson  
Director  
c/o GAMCO Investors, Inc.  
One Corporate Center  
Rye, NY 10580

Eugene R. McGrath  
Former Chairman and Chief Executive Officer  
Consolidated Edison, Inc.  
4 Irving Place  
New York, NY 10003

Robert S. Prather  
President & Chief Executive Officer  
Heartland Media, LLC  
1843 West Wesley Road  
Atlanta, GA 30327

Officers:

Mario J. Gabelli  
Chairman and Chief Executive Officer

Henry G. Van der Eb  
Senior Vice President

Bruce N. Alpert  
Senior Vice President

Edgar Filing: GCP Applied Technologies Inc. - Form SC 13D

Agnes Mullady	Senior Vice President
Kevin Handwerker	Executive Vice President, General Counsel and Secretary
Kieran Caterina	Co-Chief Accounting Officer
Diane LaPointe	Co-Chief Accounting Officer

GAMCO Asset Management  
Inc.  
Directors:

Douglas R. Jamieson  
Regina M. Pitaro  
William S. Selby

Officers:

Mario J. Gabelli	Chief Executive Officer and Chief Investment Officer – Value Portfolios
Douglas R. Jamieson	President, Chief Operating Officer and Managing Director
David Goldman	General Counsel, Secretary & Chief Compliance Officer

Gabelli Funds, LLC  
Officers:

Mario J. Gabelli	Chief Investment Officer – Value Portfolios
Bruce N. Alpert	Executive Vice President and Chief Operating Officer
Agnes Mullady	President and Chief Operating Officer – Open End Fund Division
David Goldman	General Counsel

Gabelli Foundation, Inc.  
Officers:

Mario J. Gabelli	Chairman, Trustee & Chief Investment Officer
Elisa M. Wilson	President
Marc Gabelli	Trustee
Matthew R. Gabelli	Trustee
Michael Gabelli	Trustee



GGCP, Inc.

Directors:

Mario J. Gabelli  
Chief Executive  
Officer and Chief  
Investment  
Officer of GGCP,  
Inc.  
Chairman &  
Chief Executive  
Officer of  
GAMCO  
Investors, Inc.  
Executive  
Chairman of  
Associated  
Capital Group,  
Inc.  
Director/Trustee  
of all registered  
investment  
companies  
advised by  
Gabelli Funds,  
LLC.

Marc Gabelli  
President – GGCP,  
Inc.  
Vice President –  
Trading  
G.research, LLC  
One Corporate  
Center  
Rye, NY 10580

Matthew R. Gabelli  
President & COO  
Gabelli &  
Partners, LLC  
One Corporate  
Center  
Rye, NY 10580

Michael Gabelli  
President & COO  
Gabelli &  
Partners, LLC  
One Corporate  
Center  
Rye, NY 10580

Frederic V. Salerno  
Chairman  
Former Vice  
Chairman and  
Chief Financial  
Officer  
Verizon  
Communications

Vincent S. Tese  
Executive  
Chairman – FCB  
Financial Corp

Officers:

Mario J. Gabelli  
Chief Executive  
Officer and Chief  
Investment  
Officer

Marc Gabelli  
President  
Special Assistant  
to CEO,  
Secretary

Francis J. Conroy  
Chief Financial  
and Accounting  
Officer, Vice

Silvio A. Berni  
President  
Corporate  
Development and  
Controller,  
Assistant  
Secretary

GGCP Holdings LLC

Members:

GGCP, Inc.      Manager and  
Member

Mario J. Gabelli      Member



Teton Advisors, Inc.

Directors:

Stephen G. Bondi

Chairman of the Board

Nicholas F. Galluccio

Chief Executive Officer and President

Vincent J. Amabile

Founder- Amabile Partners

John M. Tesoro, CPA

Retired Partner – KPMG LLP

Aaron J. Feingold, M.D.

President and Founder – Raritan Bay Cardiology Group

Officers:

Nicholas F. Galluccio

See above

Michael J. Mancuso

Chief Financial Officer

Tiffany Hayden

Secretary

Associated Capital Group, Inc.  
Directors:

Mario J. Gabelli  
Chief Executive Officer and Chief Investment Officer of GGCP, Inc.  
Chairman & Chief Executive Officer of GAMCO Investors, Inc.  
Executive Chairman of Associated Capital Group, Inc.  
Director/Trustee of all registered investment companies advised by Gabelli Funds, LLC.

Richard L. Bready  
Former Chairman and Chief Executive Officer  
Nortek, Inc.  
50 Kennedy Plaza  
Providence, RI 02903

Marc Gabelli  
President – GGCP, Inc.

Douglas R. Jamieson  
President and Chief Executive Officer

Bruce Lisman  
Former Chairman - JP Morgan – Global Equity Division

Daniel R. Lee  
Chief Executive Officer  
Full House Resorts, Inc.  
4670 South Ford Apache Road, Suite 190  
Las Vegas, NV 89147

Salvatore F. Sodano  
Vice Chairman – Broadridge Financial Solutions

Frederic V. Salerno  
See above

Officers:

Mario J. Gabelli  
Executive Chairman

Douglas R. Jamieson  
President and Chief Executive Officer

Francis J. Conroy  
Interim Chief Financial Officer

Kevin Handwerker  
Executive Vice President, General Counsel and Secretary

David Fitzgerald  
Assistant Secretary

Gabelli & Company Investment Advisers,  
Inc.  
Directors:

Douglas R. Jamieson

Officers:

Douglas R. Jamieson Chief Executive Officer and President

Francis J. Conroy Chief Financial Officer

John Givissis Controller

Kevin Handwerker Secretary

David Fitzgerald Assistant Secretary

G.research, LLC

Officers:

Cornelius V. McGinity President

Maria Gigi Controller and Financial Operations Principal

Bruce N. Alpert Vice President

Douglas R. Jamieson Secretary

Kevin Handwerker Assistant Secretary

David Fitzgerald Assistant Secretary

David Goldman Assistant Secretary

Josephine D. LaFauci Chief Compliance Officer

SCHEDULE II  
 INFORMATION WITH RESPECT TO  
 TRANSACTIONS EFFECTED DURING THE PAST SIXTY DAYS OR  
 SINCE THE MOST RECENT FILING ON SCHEDULE 13D (1)

DATE	SHARES PURCHASED SOLD(-)	AVERAGE PRICE(2)
------	-----------------------------	---------------------

COMMON STOCK-GCP APPLIED TECHNOLOGIES INC.

GABELLI FOUNDATION, INC.

8/20/18	1,000	25.9125
8/15/18	1,200	25.1467
8/13/18	800	25.6330
8/10/18	600	26.0800

MJG ASSOCIATES, INC.

9/17/18	4,000	26.0004
9/04/18	2,000	25.0800
8/29/18	4,000	25.9040
8/14/18	4,000	25.2260

MARIO J. GABELLI

9/12/18	1,600-	24.3578
8/14/18	1,000	25.2260
8/10/18	1,600	26.1512

GABELLI & COMPANY INVESTMENT ADVISERS, INC.

8/08/18	1,000	24.9300
---------	-------	---------

ALCE PARTNERS

8/08/18	1,000	24.9300
---------	-------	---------

GAMCO ASSET MANAGEMENT INC.

9/19/18	2,000	25.9750
9/19/18	200	26.0175
9/19/18	1,000	25.9500
9/19/18	200	25.9493
9/19/18	2,000	26.0500
9/19/18	500	26.0300
9/19/18	17,800	25.9947
9/19/18	5,000	26.0380
9/18/18	2,000-	25.9265
9/18/18	7,000	26.0357
9/18/18	200-	25.9264
9/17/18	1,000	26.0427
9/17/18	3,000	26.0532
9/17/18	200-	25.8462
9/17/18	6,000	26.0643
9/17/18	3,000-	25.8463
9/14/18	200	25.6175
9/14/18	15,146	25.7293
9/13/18	7,344	24.9800
9/13/18	1,200	25.5279
9/13/18	400-	25.3197

## Edgar Filing: GCP Applied Technologies Inc. - Form SC 13D

9/12/18	10,000	24.4402
9/12/18	61,847	24.1651
9/12/18	1,300-	24.0697
9/11/18	500	24.7648
9/11/18	1,000	24.6830
9/11/18	5,800	24.7213
9/11/18	7,000	24.3059
9/11/18	39,800	24.5318
9/11/18	2,500	24.7010
9/11/18	200	24.9600
9/11/18	200	24.6000
9/11/18	1,500	24.7521
9/11/18	6,000	24.1512
9/11/18	800	24.5791
9/10/18	1,000	24.6620
9/10/18	200-	24.4429
9/10/18	500	25.0300
9/10/18	700-	24.4422
9/10/18	2,700-	24.5508
9/10/18	3,000	25.0367
9/07/18	3,000	25.0550
9/07/18	1,100	25.0200
9/07/18	74	25.0450
9/07/18	15,851	25.0454
9/06/18	4,100	25.3800
9/06/18	18,000	25.4889
9/05/18	500-	26.1997
9/04/18	119	25.1900
9/04/18	4,100	25.0888
9/04/18	140-	25.4196
9/04/18	9,149	25.0200
8/31/18	15,900	25.2175
8/31/18	5,000	25.0786
8/30/18	4,400	26.0073
8/30/18	4,000	26.0700
8/30/18	4,023	26.0331
8/29/18	200	26.1300
8/29/18	5,000	26.0750
8/27/18	12	26.3917
8/27/18	206	26.3892
8/27/18	92	26.3890
8/27/18	48	26.3894
8/27/18	45	26.3889
8/27/18	44	26.3893
8/27/18	17	26.3888
8/27/18	20	26.3920
8/27/18	38	26.3921
8/27/18	734	26.3891
8/27/18	17	26.3918
8/27/18	700	26.4050
8/24/18	30,663	25.9669

## Edgar Filing: GCP Applied Technologies Inc. - Form SC 13D

8/24/18	68	26.0000
8/24/18	717	26.0888
8/23/18	14,797	25.5406
8/22/18	600	25.7420
8/22/18	9,000	25.6692
8/22/18	36,480	25.7663
8/22/18	1,000	26.0760
8/22/18	300	25.7664
8/21/18	64	26.4400
8/21/18	12,000	26.2206
8/20/18	500	26.0000
8/20/18	6,000	25.6800
8/20/18	46,100	25.7945
8/17/18	500	25.8230
8/17/18	150	25.7000
8/17/18	5,300	25.9809
8/17/18	3,850	26.0000
8/17/18	61,900	25.9127
8/16/18	700	25.7767
8/16/18	1,000	25.6375
8/16/18	4,989	25.9095
8/16/18	37,600	25.7880
8/15/18	8,411	25.0048
8/15/18	2,141	24.8800
8/15/18	1-	25.0000
8/15/18	33,921	25.0889
8/15/18	2-	25.0050
8/15/18	3,800	25.0700
8/15/18	600	25.0582
8/15/18	112	25.0400
8/15/18	2,000	24.9700
8/14/18	14,534	25.2764
8/14/18	1,300	25.2931
8/14/18	91	25.2900
8/14/18	200	25.0700
8/14/18	400	25.2500
8/14/18	4,000	25.2575
8/14/18	67,579	25.3129
8/14/18	500	25.4450
8/14/18	2,500	25.2820
8/14/18	600	25.1917
8/14/18	200	25.2998
8/14/18	400	25.2950
8/13/18	1,000	25.6960
8/13/18	10,000	25.6970
8/13/18	300	25.7250
8/13/18	800	25.7209
8/13/18	600	25.7167
8/13/18	4,000	25.4694
8/13/18	700	25.6300
8/13/18	700	25.7156

## Edgar Filing: GCP Applied Technologies Inc. - Form SC 13D

8/13/18	2,500	25.5409
8/13/18	1,000	25.7135
8/13/18	3,000	25.5992
8/13/18	300	25.4881
8/13/18	1,500	25.7118
8/13/18	3,000	25.7102
8/13/18	400	25.6683
8/13/18	3,000	25.5982
8/13/18	1,000	25.5975
8/13/18	400-	25.4196
8/13/18	16,000	25.5941
8/13/18	2,000	25.5858
8/13/18	56,500	25.5867
8/10/18	2,000	26.0500
8/10/18	7,900	26.1129
8/10/18	1,600	26.1156
8/10/18	500	26.1500
8/10/18	3,500	26.1043
8/10/18	2,000	26.1904
8/10/18	4,000	26.0700
8/10/18	30,850	26.0918
8/10/18	44,410	26.0562
8/10/18	304	26.2000
8/10/18	5,500	26.0682
8/09/18	200	26.4418
8/09/18	2,000	26.5571
8/09/18	100	26.6300
8/09/18	500	26.5399
8/09/18	2,000	26.5312
8/09/18	200	26.6450
8/09/18	6,000	26.7388
8/09/18	700	26.7559
8/09/18	500	25.8607
8/09/18	200	26.4818
8/09/18	3,100	25.8576
8/09/18	10	26.1710
8/09/18	105,540	26.1712
8/09/18	1,100	25.8000
8/09/18	500	25.9390
8/09/18	1,500	26.4204
8/09/18	900	26.2208
8/09/18	700	26.2214
8/09/18	1,500	26.2253
8/09/18	200	26.2434
8/09/18	200	26.2553
8/09/18	2,800	26.2621
8/09/18	700	26.2625
8/09/18	12,700	26.2742
8/09/18	1,800	26.2894
8/09/18	3,000	26.2933
8/09/18	200	26.2967

## Edgar Filing: GCP Applied Technologies Inc. - Form SC 13D

8/09/18	2,800	26.3000
8/09/18	500	26.3099
8/09/18	4,950	26.3311
8/09/18	300	26.3600
8/09/18	500	26.3700
8/09/18	200	26.3750
8/09/18	2,000	26.3840
8/09/18	300	26.4336
8/09/18	500	26.4270
8/09/18	600	26.4254
8/09/18	700	26.4242
8/09/18	800	26.4233
8/09/18	1,000	26.4220
8/08/18	15,000	25.1070
8/08/18	1,000	25.0975
8/08/18	1,000	25.1748
8/08/18	300	25.1665
8/08/18	500	25.1000
8/08/18	1,000	25.0200
8/08/18	1,750	25.0000
8/08/18	3,500	24.9957
8/08/18	16,300	24.9726
8/08/18	66,310	24.8952
8/08/18	4,000	24.7841
8/08/18	400	24.4509
8/08/18	2,200	24.2500
8/08/18	4,000	24.2700
8/06/18	33	28.0400
8/03/18	111	27.8893
8/03/18	139	27.8892
8/03/18	192	27.8891
8/03/18	200	28.2175
8/03/18	102	27.8889
8/03/18	20	27.8890
8/03/18	8	27.8888
8/02/18	1,000-	27.8196
8/02/18	2,700	27.8226
8/01/18	1,000-	28.7696
8/01/18	1,200-	28.5153
8/01/18	1,400	28.5443
7/31/18	1,500-	29.2196
7/31/18	400	29.2738
7/30/18	500	29.2800
7/27/18	1,000-	29.2979
7/27/18	21	29.3400
7/27/18	500	29.5800
7/26/18	600	29.2300
7/26/18	800-	29.4105
7/25/18	500	28.5800
7/24/18	600	28.9133
7/23/18	300	28.8808



7/20/18	300	29.3800
GGCP, INC.		
9/04/18	4,000	25.0988
8/14/18	2,000	25.1800
GABELLI FUNDS, LLC.		
GABELLI VALUE PLUS TRUST PLC		
9/07/18	7,500	25.2200
8/21/18	2,500	26.4790
8/20/18	7,000	25.6300
8/14/18	2,000	25.2725
8/13/18	1,631	25.6300
8/08/18	2,369	24.9602
GABELLI SMALL CAP GROWTH FUND		
9/18/18	10,000	25.8800
8/13/18	6,300	25.7848
8/08/18	33,712	24.9332
GABELLI GLOBAL SMALL AND MIDCAP VALUE TRUST		
8/22/18	5,000	25.7800
8/09/18	3,000	26.2589
8/08/18	3,000	25.0292
GABELLI GO ANYWHERE TRUST		
9/18/18	1,000	26.0300
9/11/18	2,000	24.3250
8/14/18	1,000	25.3125
8/08/18	2,000	25.0738
GABELLI GLOBAL RISING INCOME AND DIVIDEND FUND		
8/13/18	2,000	25.7616
GABELLI DIVIDEND & INCOME TRUST		
8/08/18	1,500	24.9700
7/25/18	8,000-	28.2321
GABELLI ENTERPRISE M&A FUND		
9/17/18	1,000	25.9335
GAMCO ALL CAP VALUE		
8/08/18	1,000	24.9300

(1) UNLESS OTHERWISE INDICATED, ALL TRANSACTIONS WERE EFFECTED ON THE NYSE.

(2) PRICE EXCLUDES COMMISSION.

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(f) under the securities Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with all other Reporting Entities (as such term is defined in the Schedule 13D referred to below) on behalf of each of them of a statement on Schedule 13D (including amendments thereto) with respect to the Common Stock of GCP Applied Technologies, Inc. and that this Agreement be included as an Exhibit to such joint filing. This Agreement may be executed in any number of counterparts all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the undersigned hereby execute this Agreement this September 20, 2018.

MARIO J. GABELLI  
GGCP, INC.  
MJG ASSOCIATES, INC.  
GABELLI FOUNDATION, INC.  
MJG-IV LIMITED PARTNERSHIP

By:/s/ David Goldman  
David Goldman  
Attorney-in-Fact

TETON ADVISORS, INC.  
GABELLI FUNDS, LLC

By: /s/ David Goldman  
David Goldman  
General Counsel – Teton Advisors, Inc. & Gabelli Funds, LLC

GAMCO INVESTORS, INC.

By:/s/ Kevin Handwerker  
Kevin Handwerker  
General Counsel & Secretary – GAMCO Investors, Inc.

ASSOCIATED CAPITAL GROUP, INC.  
GAMCO ASSET MANAGEMENT INC.  
GABELLI & COMPANY INVESTMENT ADVISERS, INC.  
G.RESEARCH, INC.

By:/s/ Douglas R. Jamieson  
Douglas R. Jamieson  
President & Chief Executive Officer – Associated Capital Group,  
Inc.  
President – GAMCO Asset Management Inc.  
Vice President – Gabelli & Company Investment Advisers, Inc.  
Secretary – G.research, Inc.

