Kraton Performance Polymers, Inc. Form SC 13G/A December 15, 2010

> UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

> > SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

| (Amendment No. 3)* |
|---|
| KRATON PERFORMANCE POLYMERS, INC. |
| (Name of Issuer) |
| COMMON STOCK, \$0.01 Par Value |
| (Title of Class of Securities) |
| 50077C106 |
| (CUSIP Number) |
| December 13, 2010 |
| (Date of Event which Requires Filing of this Statement) |
| CHECK THE APPROPRIATE BOX TO DESIGNATE THE RULE PURSUANT TO WHICH THIS SCHEDULE IS FILED: |
| [] RULE 13D-1(B) |
| [X] RULE 13D-1(C) |
| [] RULE 13D-1(D) |

*THE REMAINDER OF THIS COVER PAGE SHALL BE FILLED OUT FOR A REPORTING PERSON'S INITIAL FILING ON THIS FORM WITH RESPECT TO THE SUBJECT CLASS OF SECURITIES, AND FOR ANY SUBSEQUENT AMENDMENT CONTAINING INFORMATION WHICH WOULD ALTER DISCLOSURES PROVIDED IN A PRIOR COVER PAGE.

THE INFORMATION REQUIRED ON THE REMAINDER OF THIS COVER PAGE SHALL NOT BE DEEMED TO BE "FILED" FOR THE PURPOSE OF SECTION 18 OF THE SECURITIES EXCHANGE ACT OF 1934 (THE "ACT") OR OTHERWISE SUBJECT TO THE LIABILITIES OF THAT SECTION OF THE ACT BUT SHALL BE SUBJECT TO ALL OTHER PROVISIONS OF THE ACT (HOWEVER, SEE THE NOTES).

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| CUS | IP NO | . 50077C106 | | |
|--|-------|--|---|--|
| 1 NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) | | | | |
| | | Bay Resource Part | ners, L.P. | |
| | [X] | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS | | |
| (b) | [] | | | |
| 3 | | SEC USE ONLY | | |
| 4 | | CITIZENSHIP OR PI | ACE OF ORGANIZATION | |
| | | Delaware | | |
| | | | 5 SOLE VOTING POWER | |
| | | NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | NONE | |
| | | | 6 SHARED VOTING POWER | |
| | | | 418,100 | |
| | | | 7 SOLE DISPOSITIVE POWER | |
| | | | NONE | |
| | | | 8 SHARED DISPOSITIVE POWER | |
| | | | 418,100 | |
| 9 | | AGGREGATE AMOUNT E | BENEFICIALLY OWNED BY EACH REPORTING PERSON | |
| | | | 418,100 | |
| 1 | | CHECK BOX IF THE A | AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES CONS) | |
| 1 | 1 | PERCENT OF CLASS F | REPRESENTED BY AMOUNT IN ROW 9 1.3% | |
| 1: | 2 | TYPE OF REPORTING PN | PERSON (SEE INSTRUCTIONS) | |
| | | | | |

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| 1 | NAMES OF REPORT | ING PERSONS CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) |
|-------------|----------------------------------|---|
| | Bay II Resource | Partners, L.P. |
| 2 (a) [X | | PRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) |
| (b) [|] | |
| 3 | SEC USE ONLY | |
| 4 | CITIZENSHIP OR | PLACE OF ORGANIZATION |
| | Delaware | |
| | | 5 SOLE VOTING POWER |
| | NUMBER OF SHARES | NONE |
| | BENEFICIALLY OWNED BY EACH | 6 SHARED VOTING POWER |
| | REPORTING PERSON WITH | 909,800 |
| | | 7 SOLE DISPOSITIVE POWER |
| | | NONE |
| | | 8 SHARED DISPOSITIVE POWER |
| | | 909,800 |
| 9 | AGGREGATE AMOUNT | BENEFICIALLY OWNED BY EACH REPORTING PERSON |
| | | 909,800 |
| 10 | CHECK BOX IF THE | AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES CTIONS) |
| 11 | PERCENTAGE OF CI | ASS REPRESENTED BY AMOUNT IN ROW 9 2.9% |
| 12 | TYPE OF REPORTIN | G PERSON (SEE INSTRUCTIONS) |
| | | |

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CUSIP NO. 50077C106

| 1 | | REPORTING PERSONS ENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) | | | |
|----------|---|---|--|--|--|
| | Bay Resource I | Bay Resource Partners Offshore Master Fund, L.P. | | | |
| 2 (a) | *************************************** | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) | | | |
| (b) | [] | | | | |
| 3 | SEC USE ONLY | | | | |
| 4 | CITIZENSHIP OR E | PLACE OF ORGANIZATION | | | |
| | Cayman Islands | | | | |
| | | 5 SOLE VOTING POWER | | | |
| | NUMBER OF SHARES | NONE | | | |
| | BENEFICIALLY OWNED BY EACH | 6 SHARED VOTING POWER | | | |
| | REPORTING PERSON | 1,608,655 | | | |
| | WITH | 7 SOLE DISPOSITIVE POWER | | | |
| | | NONE | | | |
| | | 8 SHARED DISPOSITIVE POWER | | | |
| | | 1,608,655 | | | |
| 9 | AGGREGATE AMOUNT | BENEFICIALLY OWNED BY EACH REPORTING PERSON | | | |
| | | 1,608,655 | | | |
| 10 | CHECK BOX IF THE | AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES | | | |
| 11 | PERCENT OF CLASS | REPRESENTED BY AMOUNT IN ROW 9 5.2% | | | |
| 12 | TYPE OF REPORTING PN | G PERSON (SEE INSTRUCTIONS) | | | |

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CUSIP NO. 50077C106

| 1 | NAMES OF REPORT I.R.S. IDENTIFI | ING PERSONS CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) | | |
|--------------|--|---|--|--|
| | GMT Capital Corp. | | | |
| 2 (a) [X] | | PRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) | | |
| (b) [|] | | | |
| 3 | SEC USE ONLY | | | |
| 4 | CITIZENSHIP OR | PLACE OF ORGANIZATION | | |
| | State of Georgia | | | |
| | | 5 SOLE VOTING POWER | | |
| | NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | NONE | | |
| | | 6 SHARED VOTING POWER | | |
| | | 3,065,455 | | |
| | | 7 SOLE DISPOSITIVE POWER | | |
| | | NONE | | |
| | | 8 SHARED DISPOSITIVE POWER | | |
| | | 3,065,455 | | |
| 9 | AGGREGATE AMOUNT | BENEFICIALLY OWNED BY EACH REPORTING PERSON | | |
| | | 3,065,455 | | |
| 10 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES | | | |
| 11 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 9.8% | | | |
| 12 | TYPE OF REPORTIN | G PERSON (SEE INSTRUCTIONS) | | |
| | | Page 5 of 8 Pages | | |

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CUSIP NO. 50077C106

| 1 | NAMES OF REPORTI | TING PERSONS CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) | |
|--------------|--|--|--|
| | Thomas E. Claugu | ıs | |
| 2 (a) [X] | | PRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) | |
| (b) [] | | | |
| 3 | SEC USE ONLY | | |
| 4 | CITIZENSHIP OR PLACE OF ORGANIZATION | | |
| | United States | | |
| | | 5 SOLE VOTING POWER | |
| | NUMBER OF SHARES | 88,800 | |
| | BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 6 SHARED VOTING POWER | |
| | | 3,065,455 | |
| | | 7 SOLE DISPOSITIVE POWER | |
| | | 88,800 | |
| | | 8 SHARED DISPOSITIVE POWER | |
| | | 3,065,455 | |
| 9 | AGGREGATE AMOUNT | BENEFICIALLY OWNED BY EACH REPORTING PERSON | |
| | | 3,154,255 | |
| 10 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARE: | | |
| 11 | PERCENT OF CLASS | REPRESENTED BY AMOUNT IN ROW 9 10.1% | |
| 12 | TYPE OF REPORTING | G PERSON (SEE INSTRUCTIONS) | |
| | IN | | |
| | | Page 6 of 8 Pages | |

Explanatory Note:

This Amendment No. 3 amends and supplements the Amendment No. 2 (Amendment No. 2) to Schedule 13G filed with the Securities and Exchange Commission (SEC) on November 23, 2010, which amended and supplemented the Amendment No. 1 to Schedule 13G filed with the SEC on October 8, 2010, which amended and supplemented the Schedule 13G originally filed with the SEC on August 18, 2010 by the Reporting Persons.

NAME OF ISSUER: ITEM 1(A) No material changes from Amendment No. 2. ITEM 1(B) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES: ______ No material changes from Amendment No. 2. ITEM 2(a) NAME OF PERSON FILING: _____ No material changes from Amendment No. 2. ITEM 2(b) ADDRESS OF PRINCIPAL BUSINESS OFFICE, OR IF NONE, RESIDENCE: _____ No material changes from Amendment No. 2. ITEM 2(c) CITIZENSHIP: -----No material changes from Amendment No. 2. ITEM 2(d) TITLE OF CLASS OF SECURITIES: No material changes from Amendment No. 2. ITEM 3. No material changes from Amendment No. 2. ITEM 4. OWNERSHIP: _____ Except as provided below, there are no material changes from Amendment No. 2 filed by the Reporting Persons with the SEC on November 23, 2010. The aggregate percentage of Shares reported as owned by each Reporting Person is based upon 31,252,979 shares of Common Stock outstanding as of October 29, 2010, as disclosed in the Issuers Form 10-Q filing for the quarterly period ended September 30, 2010, filed with the SEC on November 3, 2010. This Statement is being filed with respect to an aggregate of 3,154,255 shares of Common Stock. There are no other material changes from the Amendment No. 2 except as regards beneficial ownership as indicated on Pages 2 through 6 herein. ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS. No material changes from Amendment No. 2. Page 7 of 8 Pages ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER

No material changes from Amendment No. 2.

IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ITEM 7. ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY OR CONTROL PERSON.

No material changes from Amendment No. 2.

- ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.

 No material changes from Amendment No. 2.
- NOTICE OF DISSOLUTION OF GROUP.

 No material changes from Amendment No. 2.

ITEM 10. CERTIFICATION.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

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

December 15, 2010

/s/ Thomas E. Claugus

Thomas E. Claugus, for himself and as President of GMT Capital Corp., for itself and as the general partner of (i) Bay Resource Partners, L.P. and (ii) Bay II Resource Partners, L.P., and as the investment manager of (iii) Bay Resource Partners Offshore Master Fund, L.P. and (iv) certain other accounts.

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