

SCHEDULE 13G

Amendment No. 0  
Clean Harbors Inc  
Common Stock  
Cusip #184496107

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Item 1: Reporting Person - FMR Corp.  
Item 4: Delaware  
Item 5: 890,373  
Item 6: 0  
Item 7: 2,282,109  
Item 8: 0  
Item 9: 2,282,109  
Item 11: 11.696%  
Item 12: HC

Cusip #184496107  
Item 1: Reporting Person - Edward C. Johnson 3d  
Item 4: United States of America  
Item 5: 0  
Item 6: 0  
Item 7: 2,282,109  
Item 8: 0  
Item 9: 2,282,109  
Item 11: 11.696%  
Item 12: IN

SCHEDULE 13G - TO BE INCLUDED IN  
STATEMENTS  
FILED PURSUANT TO RULE 13d-1(b) or 13d-2(b)

Item 1(a). Name of Issuer:

Clean Harbors Inc

Item 1(b). Name of Issuer's Principal Executive Offices:

1501 Washington Street  
Braintree, MA 02184

Item 2(a). Name of Person Filing:

FMR Corp.

Item 2(b). Address or Principal Business Office or, if None,  
Residence:

82 Devonshire Street, Boston,  
Massachusetts 02109

Item 2(c). Citizenship:

Not applicable

Item 2(d). Title of Class of Securities:

Common Stock

Item 2(e). CUSIP Number:

184496107

Item 3. This statement is filed pursuant to Rule 13d-1(b) or 13d-2(b)

and the person filing, FMR Corp., is a parent holding company in accordance with Section 240.13d-1(b)(ii)(G). (Note: See Item 7).

Item 4. Ownership

(a) Amount Beneficially Owned: 2,282,109

(b) Percent of Class: 11.696%

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote: 890,373

(ii) shared power to vote or to direct the vote: 0

(iii) sole power to dispose or to direct the disposition of: 2,282,109

(iv) shared power to dispose or to direct the disposition of: 0

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Various persons have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Common Stock of Clean Harbors Inc. No one person's interest in the Common Stock of Clean Harbors Inc is more than five percent of the total outstanding Common Stock.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

See attached Exhibit A.

Item 8. Identification and Classification of Members of the Group.

Not applicable. See attached Exhibit A.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

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

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.

July 10, 2006  
Date

/s/Eric D. Roiter  
Signature

Eric D, Roiter  
Duly authorized under Power of Attorney  
dated December 30, 1997 by and on behalf of FMR Corp. and  
its direct and indirect subsidiaries

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Pursuant to the instructions in Item 7 of Schedule 13G,  
Fidelity Management & Research Company ("Fidelity"), 82  
Devonshire Street, Boston, Massachusetts 02109, a wholly-  
owned subsidiary of FMR Corp. and an investment adviser  
registered under Section 203 of the Investment Advisers Act  
of 1940, is the beneficial owner of 1,395,003 shares or 7.149%  
of the Common Stock outstanding of Clean Harbors Inc ("the  
Company") as a result of acting as investment adviser to  
various investment companies registered under Section 8 of  
the Investment Company Act of 1940.

Edward C. Johnson 3d and FMR Corp., through its  
control of Fidelity, and the funds each has sole power to  
dispose of the 1,395,003 shares owned by the Funds.

Members of the family of Edward C. Johnson 3d,  
Chairman of FMR Corp., are the predominant owners, directly  
or through trusts, of Series B shares of common stock of FMR  
Corp., representing 49% of the voting power of FMR Corp.  
The Johnson family group and all other Series B shareholders  
have entered into a shareholders' voting agreement under  
which all Series B shares will be voted in accordance with the  
majority vote of Series B shares. Accordingly, through their  
ownership of voting common stock and the execution of the  
shareholders' voting agreement, members of the Johnson  
family may be deemed, under the Investment Company Act of  
1940, to form a controlling group with respect to FMR Corp.

Neither FMR Corp. nor Edward C. Johnson 3d,  
Chairman of FMR Corp., has the sole power to vote or direct  
the voting of the shares owned directly by the Fidelity Funds,  
which power resides with the Funds' Boards of Trustees.  
Fidelity carries out the voting of the shares under written  
guidelines established by the Funds' Boards of Trustees.

Fidelity Management Trust Company, 82 Devonshire  
Street, Boston, Massachusetts 02109, a wholly-owned  
subsidiary of FMR Corp. and a bank as defined in Section  
3(a)(6) of the Securities Exchange Act of 1934, is the  
beneficial owner of 583,026 shares or 2.988% of the  
Common Stock outstanding of the Company as a result of its  
serving as investment manager of the institutional account(s).

Edward C. Johnson 3d and FMR Corp., through its  
control of Fidelity Management Trust Company, each has sole  
dispositive power over 583,026 shares and sole power to vote  
or to direct the voting of 583,026 shares of Common Stock  
owned by the institutional account(s) as reported above.

Fidelity International Limited ("FIL"), Pembroke Hall,  
42 Crow Lane, Hamilton, Bermuda, and various foreign-based  
subsidiaries provide investment advisory and management  
services to a number of non-U.S. investment companies and  
certain institutional investors. FIL, which is a qualified  
institution under section 240.13d-1(b)(1) pursuant to an SEC  
No-Action letter dated October 5, 2000, is the beneficial  
owner of 304,080 shares or 1.558% of the Common Stock  
outstanding of the Company.

Partnerships controlled predominantly by members of

the family of Edward C. Johnson 3d, Chairman of FMR Corp. and FIL, or trusts for their benefit, own shares of FIL voting stock with the right to cast approximately 47% of the total votes which may be cast by all holders of FIL voting stock. FMR Corp. and FIL are separate and independent corporate entities, and their Boards of Directors are generally composed of different individuals.

FMR Corp. and FIL are of the view that they are not acting as a "group" for purposes of Section 13(d) under the Securities Exchange Act of 1934 (the "1934" Act) and that they are not otherwise required to attribute to each other the "beneficial ownership" of securities "beneficially owned" by the other corporation within the meaning of Rule 13d-3 promulgated under the 1934 Act. Therefore, they are of the view that the shares held by the other corporation need not be aggregated for purposes of Section 13(d). However, FMR Corp. is making this filing on a voluntary basis as if all of the shares are beneficially owned by FMR Corp. and FIL on a joint basis.

SCHEDULE 13G - TO BE INCLUDED IN STATEMENTS

FILED PURSUANT TO RULE 13d-1(b) or 13d-2(b)  
RULE 13d-1(f)(1) AGREEMENT

The undersigned persons, on July 10, 2006, agree and consent to the joint filing on their behalf of this Schedule 13G in connection with their beneficial ownership of the Common Stock of Clean Harbors Inc at June 30, 2006.

FMR Corp.

By /s/ Eric D. Roiter  
Eric D. Roiter  
Duly authorized under Power of Attorney dated December 30, 1997, by and on behalf of FMR Corp. and its direct and indirect subsidiaries

Edward C. Johnson 3d

By /s/ Eric D. Roiter  
Eric D. Roiter  
Duly authorized under Power of Attorney dated December 30, 1997, by and on behalf of Edward C. Johnson 3d

Fidelity Management & Research Company

By /s/ Eric D. Roiter  
Eric D. Roiter  
Senior V.P. and General Counsel