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DIVISION OF CORPORATION FINANCE

January 13, 2011

Mr. Bruce J. Biemeck, President and Chief Financial Officer Great Lakes Dredge & Dock Corporation 2122 York Road Oakbrook, IL 60523

Re: Great Lakes Dredge & Dock Corporation Form 10-K for the fiscal year ended December 31, 2009 File No. 1-33225

Dear Mr. Biemeck:

We have completed our review of your Form 10-K and related filings and have no further comments at this time.

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

You may contact Mindy Hooker at (202) 551-3732, Anne McConnell at (202) 551-3709 or me at (202) 551-3768 with any questions.

Sincerely,

John Cash Branch Chief