Via Facsimile and U.S. Mail Mail Stop 4720

January 14, 2010

R. Don Elsey Senior Vice President Finance, Chief Financial Officer, and Treasurer Emergent BioSolutions Inc. 2273 Research Boulevard, Suite 400 Rockville, Maryland 20850

Re: Emergent BioSolutions Inc.

Form 10-K for the Fiscal Year Ended December 31, 2008

Schedule 14A filed April 3, 2009

File Number: 001-33137

Dear Mr. Elsey:

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

Sincerely,

Joel Parker Accounting Branch Chief