

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

February 20, 2024

David Farnsworth Chief Financial Officer Mercury Systems, Inc. 50 Minuteman Road Andover, MA 01810

Re: Mercury Systems, Inc.

Form 10-K for the Year Ended June 30, 2023

File No. 001-41194

Dear David Farnsworth:

We have completed our review of your filing. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

Division of Corporation Finance Office of Manufacturing