National Aeronautics and Space Administration
Goddard Space Flight Center
Greenbelt, MD 20771

Reply to Attn of: 250

January 31, 2019

Maryland Department of the Environment
Water Management Administration
Source Protection and Appropriation Division
1800 Washington Boulevard, Suite 425
Baltimore, MD 21230-1708

Subject: 2018 Semi-Annual Groundwater Withdrawal Report Resubmittal

NASA's Goddard Space Flight Center (GSFC) is submitting the enclosed semi-annual groundwater withdrawal report for July through December 2018 as required by GSFC's Water Appropriation and Use Permit [No. PG1998G023(04)], effective July 1, 2018. Please note, due to the lapse in Government funding and NASA's shutdown status (December 22, 2018 through January 25, 2019), the data contained in the previously submitted report dated January 24, 2019 were considered preliminary. Following the resolution of the shutdown, these data were verified for accuracy; adjustments were made to the to the report for gallons withdrawn during the month of December.

If you have any questions concerning this matter, please contact Ms. Janine Pollack at Janine.Pollack@nasa.gov or (301) 286-0509.

Kimberly Finch, P.E.
Chief, Medical and Environmental Management Division

Enclosure

MARYLAND DEPARTMENT OF THE ENVIRONMENT
WATER AND SCIENCE ADMINISTRATION
SOURCE PROTECTION AND APPROPRIATION DIVISION
1800 WASHINGTON BOULEVARD, SUITE 450
BALTIMORE, MARYLAND 21230
water.supply@maryland.gov
January 24, 2019

Water Appropriation and Use Permit PG1998G023(04) Groundwater Permit

Make Name/Address Changes Below

Goddard Space Flight Center
Kimberly Finch
Code 250, Building 26, Rm N250
8800 Greenbelt Road
Greenbelt MD 20771

Project: 2 Patuxent wells - boiler make up and cooling water

As a condition of your Maryland Water Appropriation and Use Permit you are required to report your water withdrawal every six months. Complete and return this form by **JANUARY 31**.

2018 SEMI-ANNUAL WATER WITHDRAWAL REPORT

1. Check the method used to determine your withdrawal amounts:

   ( ) # Hours x Gallons per Minute Pumped x 60 Minutes (X) Flow Meter

   ( ) Other (Explain) _____ ( ) Elapsed Time Indicator

2. Enter the *number of gallons* of water withdrawn for each month.
   -If you have multiple water sources under this permit, please add together the monthly totals for all water sources.
   -*DO NOT* list continuous meter readings, hours pumped, or gallons in MGD.
   -Indicate a "0" for each month with no withdrawal.

July 2018	10,257,000	gallons	October 2018	7,119,000	gallons
August 2018	10,286,000	gallons	November 2018	5,073,000	gallons
September 2018	7,950,000	gallons	December 2018	5,125,000	gallons

July-Dec Total: 45,810,000

3. In signing my name below, I certify and affirm under penalty of perjury that all of the information I am providing on this date is complete and accurate to the best of my knowledge. I am aware that submitting false, inaccurate, or incomplete information may subject me to penalties or other sanctions allowed under Maryland law.

   Submitted By: Kimberly Finch, P.E. (Please Print)

   Title: Chief, Medical and Environmental Management Division Telephone Number: (301) 286-4230

   Signature: K Finch Date: 01/31/2019

4. Make address corrections on the top of this form. Please contact the Water Supply Program at (410) 537-3590 if ownership has changed or if you have any questions concerning this form.