

National Aeronautics and
Space Administration

NASA Management Office
4800 Oak Grove Drive
Pasadena, CA 91109-8099



February 6, 2024

TO: Maeve Clancy
U.S. Environmental Protection Agency, Region IX
75 Hawthorne Street
San Francisco, California 94105

Ms. Clancy:

SUBJECT: Final Site Inspection (SI) Report for Per- and Polyfluoroalkyl Substances (PFAS) at National Aeronautics and Space Administration (NASA) Jet Propulsion Laboratory (JPL), Pasadena, California, February 2024

Based on our review of comments from the Environmental Protection Agency (EPA) and Department of Toxic Substances Control (DTSC) and our subsequent teleconference on January 30, 2024, NASA is submitting the Final SI Report for PFAS at JPL. We appreciated EPA's input and giving us a better understanding of EPA's current thinking regarding PFAS investigations at National Priorities List (NPL) sites.¹ As we discussed, NASA believes that the most appropriate next step is to conduct expanded PFAS sampling of JPL monitoring wells. This expanded PFAS SI groundwater sampling event is planned for late-February/early-March 2024 and will include all wells including those that were previously dry as noted in your comments. Additionally, we plan to analyze samples using EPA Method 1633 to expand the number of PFAS compounds. PFAS summary tables will be generated following the expanded PFAS SI groundwater sampling. We will provide the summary statistics requested by the EPA, including minimum and maximum concentrations detected, detection limit, number of detections, and number of exceedances of screening criteria. Collection of these additional data will allow us to better understand the extent of PFAS at JPL and enable us to make better decisions on the need for any additional data to determine PFAS sources and extent, taking into consideration known site conditions, hydrogeology, receptors, and treatment already in place.

This Final SI Report for PFAS has been updated to address comments from the DTSC received in October 2023. Specific revisions based on DTSC comments in addition to those mentioned above include adding the Final PFAS SI Work Plan to the SI Report (as Appendix E) and incorporation of the California notification level for perfluorohexane sulfonic acid (PFHxS) established on October 31, 2023.

Copies of this final document will be added to the information repository and made available to our partners and interested stakeholders.

¹ EPA, 2023. Memorandum: EPA Guidance Clarifying the Use of CERCLA Remedial Investigations for Scoping Releases and Defining the Nature and Extent of Per- and Polyfluoroalkyl Substance and Other Contamination at Federal Facilities on the National Priorities List. February.

Please contact me if you have any questions via e-mail at sslaten@nasa.gov or via phone at (818) 393-6683.

Sincerely,

A handwritten signature in black ink, appearing to read 'S. Slaten', with a stylized, cursive script.

Steven Slaten
Facilities and Environmental Manager
NASA Management Office / JPL

cc: DTSC
RWQCB
Pasadena Water and Power
Lincoln Avenue Water Company