



**Maryland**  
Department of  
the Environment

Larry Hogan, Governor  
Boyd K. Rutherford, Lt. Governor

Ben Grumbles, Secretary  
Horacio Tablada, Deputy Secretary

JUN 15 2019

Ms. Lori Levine  
NASA Goddard Space Flight Center  
8800 Greenbelt Road  
Greenbelt, Maryland 20771

Dear Ms. Levine:

Enclosed is the validated Oil Operations Permit No. 2019-OPT-3356 for your facility. Please review the conditions of this permit and become thoroughly familiar with its requirements. The Special Conditions in this permit list requirements to be completed within specific time limits and require the permittee to notify the Oil Control Program in writing when these conditions are completed. This permit is considered to be an enforceable document on its effective date.

If you have any questions, please contact Mr. Juraj Masiar of the Permits Section at 410-537-3412 or by email at [juraj.masiar@maryland.gov](mailto:juraj.masiar@maryland.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "C. Ralston".

Christopher Ralston, Program Manager  
Oil Control Program

Enclosure

## OIL OPERATIONS PERMIT

<b>Oil Operations Permit Number</b>	<b>2019-OPT-3356</b>
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<b>Effective Date</b>	<b>JUN 15 2019</b>
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<b>Expiration Date</b>	<b>JUN 15 2024</b>
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Pursuant to the provisions of Title 4 of the Environment Article, Annotated Code of Maryland and regulations promulgated thereunder, the Department of the Environment, hereinafter referred to as the "Department," hereby authorizes:

National Aeronautics and Space Administration  
300 E Street SW  
Washington, District of Columbia 20546

to operate an oil facility:

**Located at:**  
NASA Goddard Space Flight Center (GSFC)  
8800 Greenbelt Road  
Greenbelt, Prince George's County 20771

in accordance with the special and general conditions imposed by this permit.

This Oil Operations Permit is issued in addition to, and not in substitution of, the requirements of other permits or authorizations granted for this facility.

**REPORT ANY OIL SPILL OR DISCHARGE OF OIL  
IMMEDIATELY  
TO THE DEPARTMENT OF THE ENVIRONMENT**

**1-866-633-4686  
(24 Hours)**

**AND THE APPROPRIATE FEDERAL AUTHORITY**

This permit authorizes the storage of oil in the following aboveground storage systems:

- Three 50,000-gallon #2 heating oil (024D-FST001, 024D-FST002, 024D-FST003)
- Two 20,000-gallon #2 heating oil (031B-FST001, 031B-FST002)
- One 5,000-gallon biodiesel fuel (027-FST004)
- One 5,000-gallon E-85 (027-FST003)
- Two 5,000-gallon gasoline (027-FST001, 027-FST002)
- Two 2,000-gallon used oil (024D-WST001, 031-WST001)
- Two 1,000-gallon #2 heating oil (000-GEN021, 007-GEN001)
- Five 750-gallon #2 heating oil (024C-FDT003, 024C-FDT004, 031-FDT001, 031-FDT002, 031-FDT003)
- Two 500-gallon #2 heating oil (010-GEN002, 030A-FST001)
- One 500-gallon motor oil (031-LOT001)
- One 385-gallon #2 heating oil (001A-GEN001)
- One 330-gallon motor oil (027-LOT001)
- Two 310-gallon #2 heating oil (000-GEN001, 000-GEN002)
- One 300-gallon #2 heating oil 000-FST001)
- One 300-gallon used oil (027-WST001)
- Four 275-gallon #2 heating oil (024C-LOT001, 024C-LOT002, 079-FST003, 079-FST004)
- One 250-gallon hydraulic oil (015-LOT001)
- Two 190-gallon #2 heating oil (000-GEN007, 000-GEN008)
- One 175-gallon #2 heating oil (009A-GEN001)
- One 70-gallon #2 heating oil (028B-GEN001)

I. SPECIAL CONDITIONS

A. The permittee shall implement the following:

1. Measure and record in writing the liquid levels of oil storage systems at this facility prior to filling as required by Code of Maryland Regulations 26.10.01.12B (9).
2. Maintain the underground double-walled piping and sumps associated with the three 50,000-gallon #2 heating oil (024D-FST001, 024D-FST002, 024D-FST003), two 20,000-gallon #2 heating oil (031B-FST001, 031B-FST002), and one 2,000-gallon used oil (024D-WAST001) aboveground storage systems with continuous release monitoring of the interstitial space that can detect a release from any portion of the underground piping that routinely contains oil, in accordance with Code of Maryland Regulations 26.10.05 and which is reviewed and listed by the National Workgroup on Leak Detection Evaluation ([www.nwglde.org](http://www.nwglde.org)). The systems shall be monitored monthly and written records of each inspection, or each monthly release detection performance, shall be maintained. Keep sumps dry and empty of product.
3. Oil Spills
  - a. As required by Maryland Law and regulations the permittee and person responsible for the discharge has the primary responsibility for the prompt control, containment, reporting and removal of any oil discharged or spilled, and the restoration of the natural resources of the State.

I. SPECIAL CONDITIONS (continued)

- b. Unless otherwise specified, notification to the Department shall be in accordance with General Conditions C and E of this permit for an oil discharge, of any quantity, entering waters of the State or is in an area likely to pollute waters of the State, including any drain system that may affect surface or groundwater.
- c. Oil discharges of 6 gallons or less in an area not likely to pollute waters of the State, which have been expeditiously contained and removed, shall be exempted from the notification requirements in General Conditions C and E of this permit and Code of Maryland Regulations 26.10.01.03. No special reporting is required.
- d. Oil discharges greater than 6 and less than 60 gallons in an area not likely to pollute waters of the State, which have been expeditiously contained and removed, shall be exempted from the notification requirements in General Conditions C and E of this permit. A written record of such spills shall be kept at the facility and made available to the Department upon request. The records shall contain:
  - 1. Date of discharge
  - 2. Location
  - 3. Type of product discharged
  - 4. Quantity discharged
  - 5. Cause of discharge
  - 6. Final disposition and date

The written record shall be kept for a period of 5 years or until the expiration of this permit.

- e. For paragraph (d) of this Condition provide a written report to the Department on a monthly basis that has a summary of all oil discharges greater than 6 and less than 60 gallons. The report shall be submitted no later than 15 days after the end of the month and shall provide the following information regarding each discharge:
  - 1. Date of discharge
  - 2. Location
  - 3. Type of product discharged
  - 4. Quantity discharged
  - 5. Cause of discharge
  - 6. Final disposition and date

No written report is required if the facility does not experience an oil discharge during the month:

- f. For oil discharges of 60 gallons or greater, notification to the Department shall be in accordance with General Conditions C and E of this permit.

I. SPECIAL CONDITIONS (continued)

4. Manage the drainage of the emergency containment areas in accordance with the following:
  - a. Oil or oil sheen shall be removed from the collected water prior to discharge through the use of sorbent materials or approved oil/water separation systems.
  - b. Maintain the drain valve in a closed and locked condition when not engaged in a draining activity.
  - c. Each drawdown shall be supervised, attended and documented by a designated employee.
  - d. A logbook shall be kept and maintained with entries as follows: the date of each drainage, a description of the quantity and quality of the discharge, and the name of the employee supervising the drawdown. This logbook shall be kept at the site and be available for inspection at all times
5. All dispenser hoses shall be protected from damage and not be allowed to lie on the ground.

B. Schedule of Compliance

1. Schedule

The permittee shall achieve compliance with the alterations, modifications, or improvements specified by the Department in accordance with the following schedule:

Special Conditions A.1 through A.5 shall be placed in effect upon receipt of this permit.

2. Notification

No later than 14 calendar days following the date identified in the above Schedule of Compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the case of noncompliance the notice shall include:

- a. a description of the noncompliance;
- b. a description of any actions taken or proposed by the permittee to comply with the elapsed schedule requirement;
- c. a description of any factors which tend to explain or mitigate the noncompliance; and
- d. the date that compliance with the elapsed schedule requirement will be achieved.

## II. GENERAL CONDITIONS

### A. Compliance with Regulations

The permittee's operations shall comply with all of the applicable requirements in COMAR 26.10.01.01.-.12, 26.10.01.16 -.21, and 26.10.15 for the handling and cleanup of oil. The permittee is not authorized by this permit to discharge oil or cause oil to be discharged into waters of the State.

### B. Plan for Notification, Containment and Clean-Up of Oil Spills

A Maryland Department of the Environment "Plan for Notification, Containment and Clean-Up of Oil Spills", herein referred to as the "Plan", shall be completed by the permittee. The permittee shall comply with its "Plan", incorporated herein as a reference. The "Plan" shall be reviewed annually and updated by the permittee, as necessary. The Department shall be notified in writing by the permittee of any change in the "Plan".

### C. Immediate Telephone Report Required of Oil Discharge or Spill

The permittee shall notify the Department immediately, but not later than two hours after detecting a spill and also notify the appropriate Federal authority of any such discharge or spill of oil or other petroleum products. The Department shall be notified for any oil spill, regardless of the size, source, or the cause of the discharge or spill, including spills or discharges in secondary containment areas.

Such report shall be made by telephone to the telephone number listed on Page One of this permit, and shall include as a minimum the following information:

1. time of discharge;
2. location of discharge;
3. type and quantity of oil;
4. assistance required;
5. name, address, and telephone number of person making the report; and,
6. all other pertinent and necessary information requested by the Department.

### D. Responsibility for Cleanup

The permittee has the primary responsibility for the immediate commencement of the control, containment, and removal of any oil discharged or spilled, and the restoration of the natural resources of the State. Failure to act promptly and responsibly may result in the control, containment, and removal of the oil and restoration by the Department or its agent with the costs assessed to the permittee.

II. GENERAL CONDITIONS (continued)

E. Written Report Required on Removal and Cleanup of Spilled Oil

In the event a discharge or spill of oil has occurred, the permittee shall immediately commence control, containment, removal, and restoration operations. The permittee shall submit to the Department a written report within 10 days after completion of the control, containment, removal, and restoration operations. The written report shall include the following:

1. date, time, and place of spill;
2. amount and type of oil spilled;
3. complete description of circumstances contributing to the spill;
4. complete description of containment, removal, clean-up, and restoration operations including disposal sites and costs of operations;
5. procedures, methods, and precautions instituted to prevent a recurrence of an oil spill from the facility involved; and,
6. other information considered necessary or required by the Department for a complete description of the spill incident.
7. a certification that the information provided is true and correct to the knowledge of the person signing the report.

F. Facility Operation and Maintenance

1. Maintenance

All treatment, control, and monitoring facilities or systems installed or used by the permittee shall at all times be maintained in good working order and operated efficiently.

2. Change in Operation

The operation of this oil operations facility shall be consistent with the terms and conditions of this permit. Any anticipated facility expansions, production increases, or process modifications which will result in new, different, or increased oil operations shall be reported by the permittee by submission of a new application or by notice to the Department. Following such notice, the permit may be modified by the Department by the addition or revision of permit conditions.

G. Removed Oil, Used Oils, Waste Oils, or Oily Substances

Oils, used oil, waste oil, oily solids or sludges, or other oil contaminated substances generated by, or removed from the operations of this permitted facility shall be disposed of in a manner to prevent any such removed substances or runoff from such substances from entering or from being placed in a location where they are likely to pollute waters of the State.

II. GENERAL CONDITIONS (continued)

H. Monitoring by Permittee Required

The permittee shall supervise and check, on a regular schedule, all aspects of the oil operations involved, and shall identify and correct any deficiency in operational procedure and any actual or potential defect or weakness in the operating system so as to prevent occurrences of oil spills.

I. Records Retention Required

All records and information resulting from the monitoring activities required by this permit shall be retained for a minimum of three (3) years. This retention time may be extended during the course of litigation or when so requested by the Department.

J. Right of Entry

The permittee shall permit authorized representatives of the Department, upon presentation of appropriate credentials, entry into the permittee's facilities to conduct inspections necessary to monitor compliance with the terms and conditions of this permit. The permittee shall provide such assistance as may be necessary to effectively and safely conduct such inspections.

K. Permit Modification, Suspension, or Revocation

1. Request by Permittee

- a. Any substantial change either in the size or scope of the operation or in the information and data previously supplied to the Department in the "Oil Operations Permit Application" shall require a permit modification.
- b. A permit may be modified by the Department upon written request of the permittee.

2. Action by the Department

- a. This permit may be suspended or revoked upon a final, unreviewable determination that the permittee lacks, or is in violation of, any federal, state or local approval necessary to conduct the activity authorized by this permit.
- b. A permit may be modified, suspended, or revoked by the Department in the event of a violation of the terms or conditions of the permit, State Laws, or Regulation.
- c. In issuing this permit, the Department has relied upon certain information or data provided by the permittee in the permit application. If such information should be false or inaccurate, this permit may be modified, suspended, or revoked.
- d. Failure to report substantial changes as described in K.1.a. above may constitute a basis for suspension or revocation of the permit.

## II. GENERAL CONDITIONS (continued)

### L. Transfer of Ownership or Control of Facilities

In the event of any change in control or ownership of the facilities for which this permit has been issued:

1. The permittee shall notify, in writing, the succeeding owner or his assigned representative of the existence of this permit and of any outstanding violations of the permit. A copy of this notification shall be forwarded to the Department at least 30 days prior to said change in control or ownership.
2. The succeeding owner or his assigned representative shall notify the Department in writing, that the succeeding owner accepts the terms and conditions of the permit. Notification shall be made to the Department within 30 days after said change in ownership occurs.

### M. Civil and Criminal Liability

Nothing in this permit shall be construed to preclude initiation of any legal action by the Department nor relieve the permittee from civil or criminal penalties for noncompliance with Title 4 of the Environment Article, Annotated Code of Maryland, or any local, federal, or other State laws or regulations.

### N. Property Rights

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of State or local laws or regulations.

### O. Miscellaneous Provisions

1. All permits and files of the Department relating to such permits shall be available for public inspection.
2. The State of Maryland is not precluded by the issuance of this permit from imposing other changes relating to the operations of the facility.

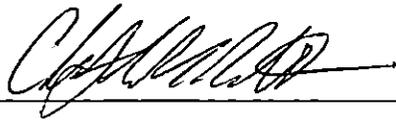
### P. Severability

If any provisions of this permit shall be held invalid for any reason, the remaining provisions shall remain in full force and effect, and such invalid provisions shall be considered severed and deleted from this permit.

II. GENERAL CONDITIONS (continued)

Q. Permit Expiration

This permit shall expire at midnight on the expiration date of the permit. In order to receive authorization to continue operation of these oil operations facilities beyond the above date of expiration, the permittee shall submit such information, and/or forms as are required by the Department no later than 60 days prior to the above date of expiration.



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Christopher Ralston, Program Manager  
Oil Control Program