

Sprague Quincy Terminal  
Sprague Operating Resources LLC

**Fact Sheet – April 15, 2021**

**Who is Sprague Operating Resources:**

Sprague Operating Resources LLC (Sprague), with its headquarters in Portsmouth, NH, is one of the largest independent suppliers of energy and materials handling services in the Northeast. Sprague has operated a bulk liquid petroleum terminal at 728 Southern Artery in Quincy, MA, since 1995.

**What services and products do they provide:**

The Sprague Quincy Terminal is a bulk liquids handling facility engaged in the receipt, storage and distribution of both distillate and residual fuels, including Ultra Low Sulfur Heating Oil (ULSHO), Ultra Low Sulfur Distillate (ULSD), Ultra Low Sulfur Kerosene (ULSK), JPG (jet fuel), No.6 Residual Fuel Oil and additives for these fuels. The terminal receives products from barges and vessels via a marine dock, stores products in aboveground storage tanks and distributes at loading racks via tank trucks.

**Environmental Compliance:**

In March of 2017, Sprague received a Notice of Violation from the United States Environmental Protection Agency (USEPA) finding that Sprague through its repairs and maintenance of the facility from 1995 through 2010, constructed and substantially reconstructed its Quincy Terminal without applying for a plan approval from the MassDEP.

In 2021, Sprague entered into a Consent Decree with the USEPA and The Commonwealth of Massachusetts. The Consent Decree established very stringent requirements for facility operations, limits on product throughput, and Best Available Control Technology (BACT) emission limits for volatile organic compounds (VOCs). These requirements are not subject to change based on public review and comment. The Consent Decree requires Sprague to submit an application to MassDEP for a non-major comprehensive plan approval for the operation of Tank 11 and the truck loading rack at the Quincy Terminal. Sprague submitted an application including the restriction of twenty-five million gallons (25,000,000) of No.6 residual fuel oil, on a rolling 12-month period to be stored exclusively in heated Tank 11 and must operate a control device, determined to be a carbon bed, in accordance with the requirements of the EPA/ MassDEP approved carbon bed Operation and Maintenance (O&M) plan. MassDEP has determined that the throughput restriction and VOC emission limitation is representative of BACT under 310 CMR 7.02 for VOC at the Quincy terminal.

**Current and Proposed Operations:**

At the Quincy terminal, Sprague currently operates a marine dock, above ground storage tanks, connecting pipelines and truck loading racks. The operations at this terminal include the storage and distribution of distillate and residual petroleum products received by tank vessels and barges and distributed to tank trucks. Sprague also operates two natural gas fired boilers to heat its #6 fuel oil tank and attached pipelines. The proposed Plan Application would allow the continued operations with the restrictions and limitations listed in the previous section.

**Emissions at the Quincy Terminal:**

The equipment included in the application, a No. 6 Residual Fuel Oil storage tank (Tank 11) and the truck loading rack at the Quincy Terminal, emit VOCs. Sprague is proposing the following emission restrictions representing BACT for the Quincy Terminal:

| Best Available Control Technology (BACT)<br>Emission Limits<br>Sprague Operating Resources LLC – Quincy, MA |                                      |
|---|--------------------------------------|
| Emission Unit Name  | VOC tons per 12-month rolling period |
| Tank 11   | 6.11                                 |
| #6 Fuel Oil Loading Rack  | 0.65                                 |
| Total Project Potential Emissions   | 6.76                                 |

**Public Participation:**

MassDEP will be reviewing the Plan Application from Sprague and will consider public input in that process. As a result of the enforcement action, Sprague has agreed to the throughput limitations of No. 6 Residual Fuel Oil and to the VOC emission cap.

Any questions or comments pertaining to the Sprague application should be directed to Edward J. Braczyk, Permit Chief, Bureau of Air and Waste at [Edward.Braczyk@mass.gov](mailto:Edward.Braczyk@mass.gov).

## Environmental Justice (EJ):

The Sprague Operating Resources LLC terminal is located at 728 Southern Artery in Quincy. The Facility is located in an EJ community.

