

SOTA Manuals Update

June 2, 2023





What are SOTA Manuals

SOTA MANUALS UPDATE

State of the Art – SOTA

- New Jersey's Air Pollution Control Act requires new or modified sources of air pollution to incorporate "advances in the art of air pollution control".

Performance Levels

- SOTA manuals specify emission performance levels.
- Reflects emission levels achieved by the best performing sources, with the best air pollution controls.



Benefits of SOTA Manuals

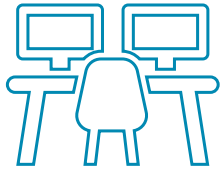
SOTA MANUALS UPDATE

Environment

- Emission Performance Levels Achieved by the Best Performing Sources

Industry

- Predictability and Consistency for Applicants
- Show conformance with the SOTA specified in the manual, case-by-case demonstration is not required



Current Focus

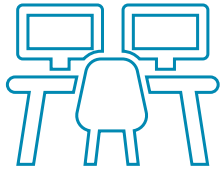
SOTA MANUALS UPDATE

Municipal Solid Waste Landfills

- DEP workgroup developed SOTA outline. Sep 2022
- SOTA outline presented to external stakeholders. Oct 2022
- Briefed DEP management on stakeholder input and comments. Dec 2022
- Public notice in the New Jersey Register (NJR). Mar 2023. End of public comment period. Apr 6, 2023
- Reviewed comments received, prepared response document, and briefed DEP management. May 2023
- Notice of Final SOTA Manual availability and comments/response document expected in Jun 2023 NJR

Stationary Combustion Turbines (2004)

- Data gathering from other state permits and review of state/federal regulations. Feb 2023
- Developed SOTA outline with DEP Internal workgroup. Mar 2023
- Presented outline to external stakeholders. Mar 2023. Stakeholder comments received. Apr 2023
- Reviewed comments received, prepared response document, and briefed DEP management. May 2023
- Preparing draft SOTA manual for internal review.
- Draft SOTA manual for public comment expected by July 2023.



In Progress and Next

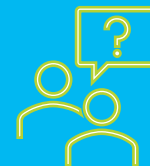
SOTA MANUALS UPDATE

Internal Combustion Engines (2003)

- Data gathering from other state permits and review of state/federal regulations. Mar 2023
- DEP workgroup meetings to develop SOTA outline. Apr 2023
- External stakeholders meeting next.

Next in line

- Boilers and Process Heaters (2004)
- Graphic Arts Industry (1997)
- Surface Coating Operations (1997)



questions