

# Study of the Fate of PFAS through Resource Recovery Facilities: Minnesota Resource Recovery Association Report



**Walter Wright, Jr.**  
wwright@mwlaw.com  
(501) 688.8839

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The Minnesota Resource Recovery Association (“MRRRA”) published a September 2025 report titled: *Study of the Fate of PFAS through Resource Recovery Facilities* (“Report”).

The Report was prepared for MRRRA by BARR Engineering Co. (“BARR”).

MRRRA commissioned a study of per- and polyfluorinated alkyl substances (“PFAS”) at Minnesota resource recovery facilities. BARR is stated to have been hired as the third party to:

... conduct PFAS air emission measurements at three of the MRRRA members’ facilities, analyze bottom and fly ash samples, and review literature data on PFAS composition of municipal solid waste (MSW) to better understand the fate of PFAS at resource recovery facilities.

The project was initiated in response to a request by the Minnesota Pollution Control Agency to provide PFAS air emission data to help the state better understand PFAS emissions from all sources in Minnesota, as part of the MPCA PFAS Monitoring Plan.

Testing is stated to have been undertaken at three of the five public resource recovery facilities from the MRRRA member facilities. They are stated to have represented a diversity of:

- Operating units.
- Pollution controls.
- Size.
- Sources of solid municipal waste.

Each of the facilities are waste-to-energy operations.

Key components of the Report include:

- Facilities and Analytical Methods.
- Detectable PFAS Analytes.
- Inhalation Risk assessment Advice Concentrations.
- Emission Rates.
- Bottom Ash and Fly Ash Loading Rates.
- Destruction Efficiency.

A copy of the Report can be found [here](#).

