

MEMO TO : File
Andeavor Field Services LLC
Robinson Lake Gas Plant
Mountrail County

FROM : Raina Cardwell
Environmental Scientist
Division of Air Quality

RE : July 20, 2023, request for federally enforceable emission limits

DATE : April 25, 2024

Andeavor Field Services LLC (Andeavor) submitted a permit to construct application to the North Dakota Department of Environmental Quality – Division of Air Quality (Department) on July 20, 2023. The application was requesting limits for parameters to create federally enforceable emission limits at an existing natural gas processing plant (Robinson Lake Gas Plant) located in Mountrail County, North Dakota.

The Robinson Lake Gas Plant operates under Air Permit to Operate No. AOP-28404 v1.0 issued on November 16, 2021. Robinson Lake Gas Plant can currently process approximately 175 MMscfd of field gas. There is no increase in throughput with this permit action.

Andeavor requested operational restrictions that result in federally enforceable emission limits of hazardous air pollutants (HAP) for the glycol dehydrators (EU DEHY-1, DEHY-2, & DEHY-3). The operational restrictions are to ensure the facility remains an area source of HAP under 40 CFR 63, Subpart HH – National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities. Andeavor also requested a federally enforceable methanol emission limits for the facility. There are no equipment changes or changes to regulatory applicability proposed in this permit, Air Permit to Construct No. ACP-18215 v1.0.

The facility will remain a PSD-minor source and remain subject to Title V with this permit action. There are no significant changes in the potential emissions from the facility with this permitting action.

RLC:er