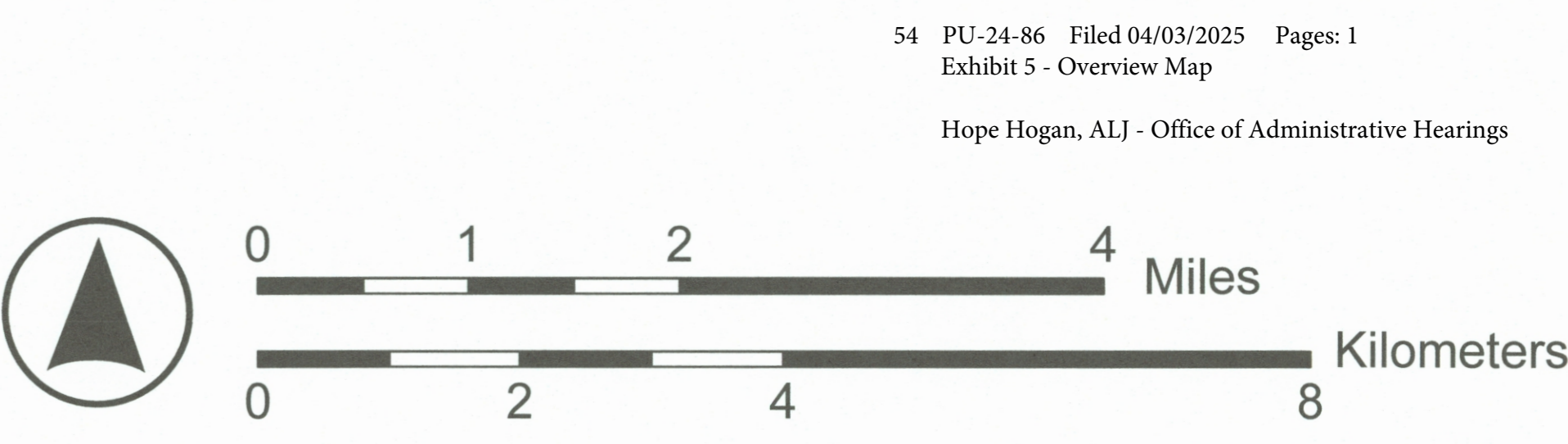


**FIGURE 1**  
**OVERVIEW MAP**  
 Thunder Butte Pipeline, LLC  
 Thunder Butte Pipeline Project  
 Mountrail and Ward Counties, North Dakota

- Legend**
- △ Existing Block Valve
  - Existing Facility
  - ☆ Proposed Midline Pump Station (2-acre area)
  - Milepost
  - ◆ Oil and Gas Well
  - ◆ Domestic Water Well
  - ◆ Municipal Water Well
  - Surface Drain Location
  - M Abandoned Coal Mines M1, M2 and M3
  - P Potential Landslide Area S1 and S2
  - ▲ Gravel Pit
  - Ⓜ Occupied Residence within 500 feet of centerline
  - Ⓜ Occupied Residence
  - Waters of the U.S. - W1, W6, W7, W9, OW-1 (USACE 2024)
  - ◆ Culvert
  - Ⓜ Bald Eagle Nest
  - Snowmobile Trail
  - Railroads
  - - - Study Area: 1-mile-wide area (0.5 mile on either side of the centerlines)
  - Project Corridor Proposed Pipeline 200-foot-wide (100 feet on either side of the pipeline centerline)
  - Project Corridor Existing Pipeline 50-foot-wide (25 feet on either side of the pipeline centerline)
  - Delineated Wetland (PEM)
  - Delineated Stream (Perennial)
  - Noxious Weed Area (Cirsium arvense)
  - Echinacea purpurea
  - Farmed Wetland
  - Tree/Shrub Area
  - Potential Landslide Area
  - Hiddenwood Lake Aquifer
  - Shell Creek-White Lake Aquifer
  - NDCTL - School Trust Lands
  - NDGF - PLOTS Land
  - USFWS - National Wildlife Refuge
  - USFWS - Waterfowl Production Area
  - Fort Berthold Indian Reservation Boundary
  - Source Water Protection Area - Noncommunity
  - IBCM Direct Line (30 feet)
  - IBCM Exclusion Area (1200 feet)



Creator: Nooshan Lakhani, 3/20/2025, 12:26 PM  
 Location: Thunder Butte Pipeline Project, Mountrail and Ward Counties, North Dakota  
 Disclaimer: The information shown in this map was assembled from GIS data created and/or acquired by Arcadis. The data is not to be used for planning and visualization purposes only.

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 Exhibit 5 - Overview Map  
 Hope Hogan, ALJ - Office of Administrative Hearings