



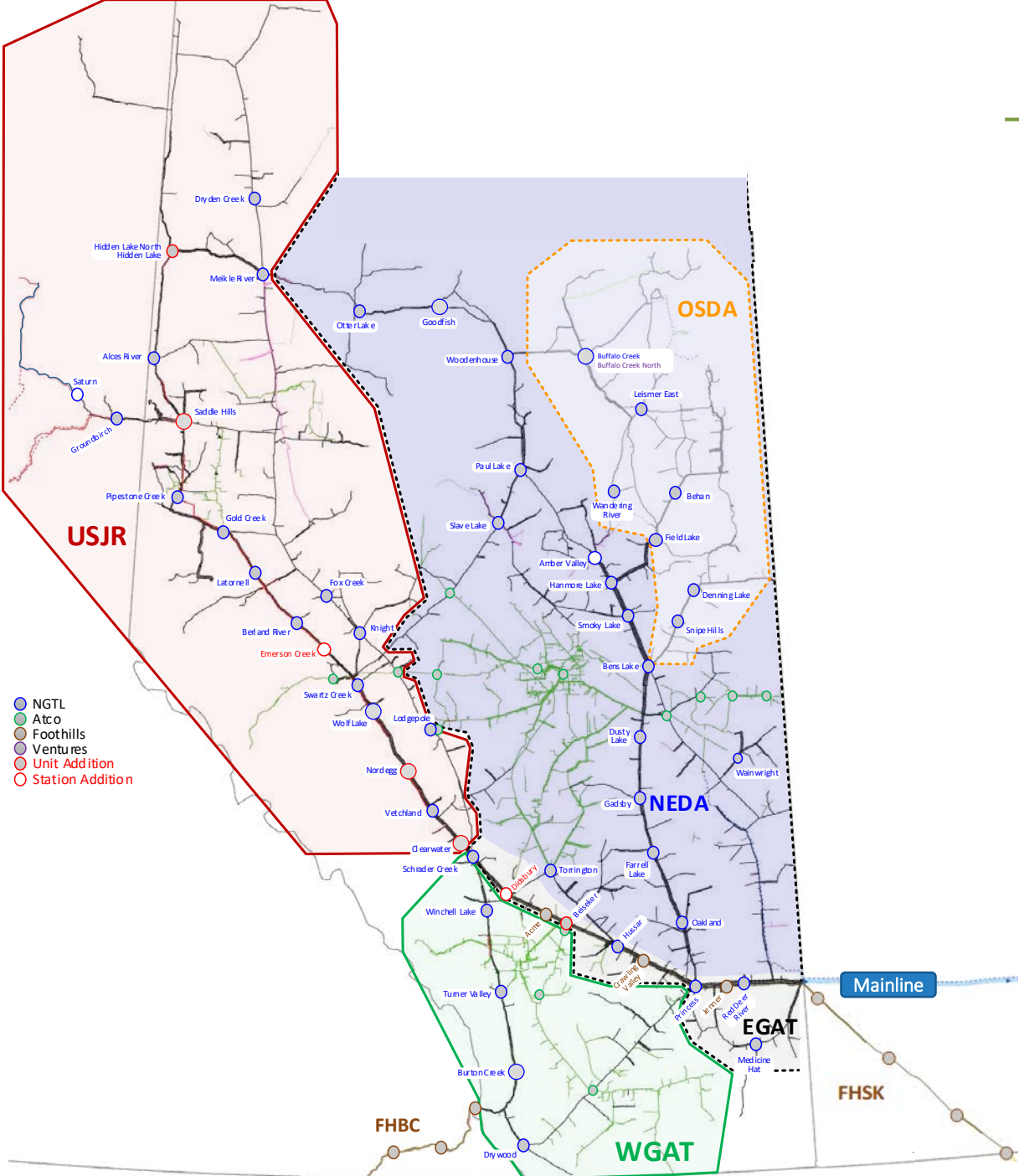
NGTL Operational Areas & Flow Paths 101

Educational Material

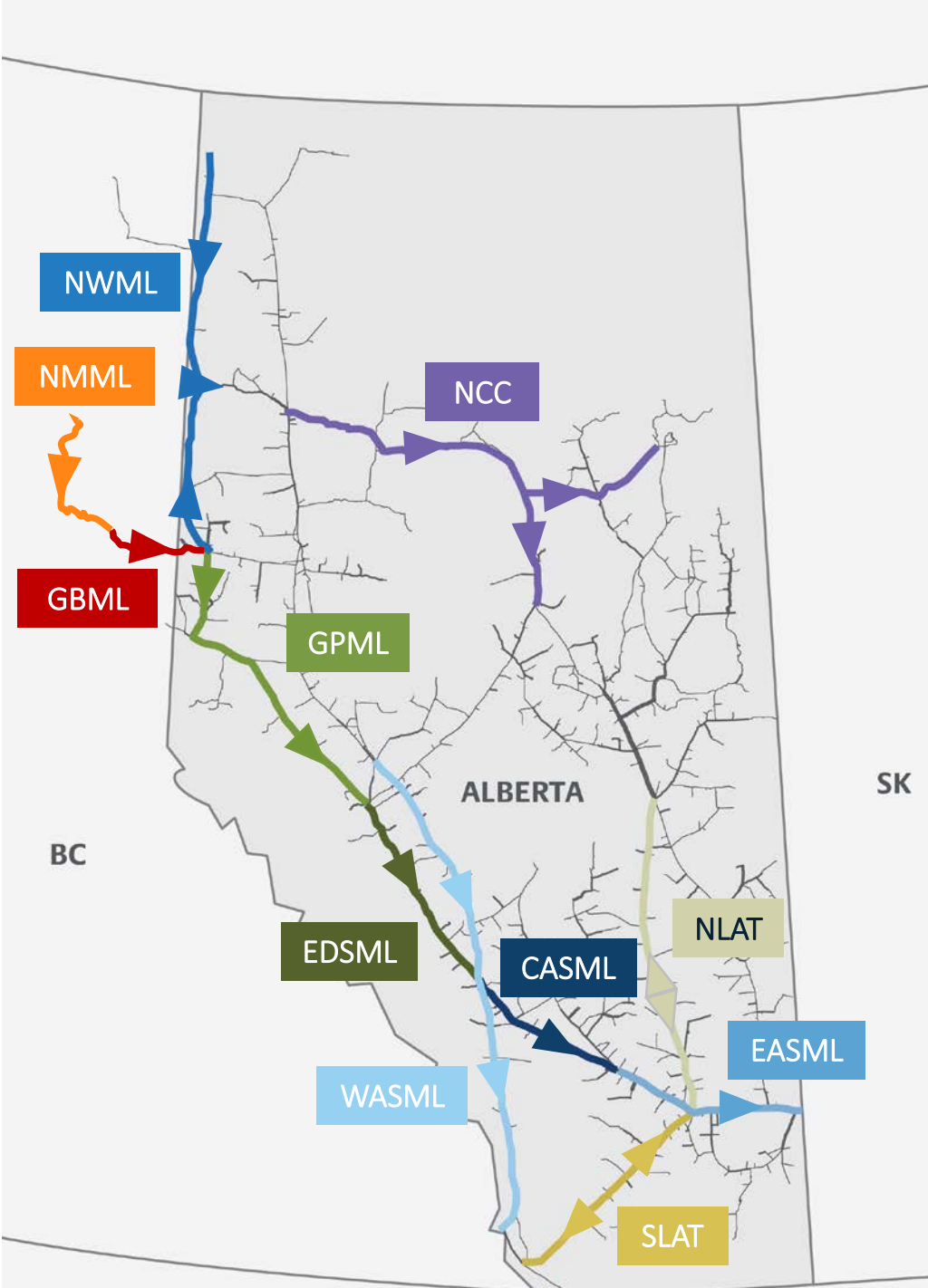


Operational Areas

- Upstream James River (USJR) – Receipt
- West Gate (WGAT) – Delivery
- East Gate (EGAT) – Delivery
- North East Delivery Area (NEDA) – Delivery
- Oil Sands Delivery Area (OSDA) – Delivery



Commonly Referenced Flows Paths



- North Montney Mainline (NMML)
- Groundbirch Mainline (GBML)
- Northwest Mainline (NWML)
- North Central Corridor (NCC)
- Grande Prairie Mainline (GPML)
- Edson Mainline (EDSML)
- Western Alberta System Mainline (WASML)
- Central Alberta System Mainline (CASML)
- Eastern Alberta System Mainline (EASML)
- South Lateral (SLAT)
- North Lateral (NLAT)

For informational purposes only

USJR Flow Paths

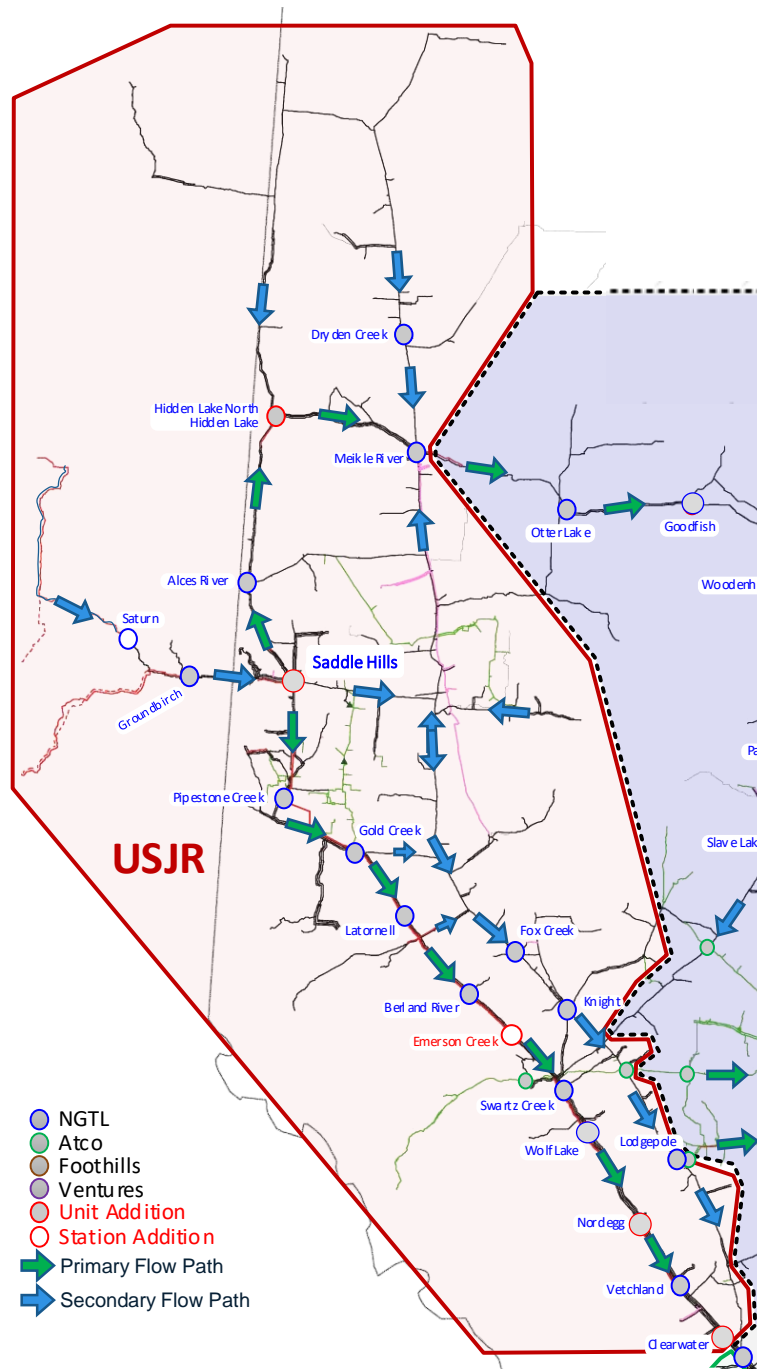
Gas from the North Montney Mainline (NMML) and Groundbirch Mainline (GBML) is diverted north and south at Saddle Hills Compressor Station

Northbound from Saddle Hills C/S

- Northwest Mainline (NWML) to North Central Corridor (NCC)
 - Primary supply path for NEDA and OSDA

Southbound from Saddle Hills C/S

- Grande Prairie Mainline (GPML) to the Edson Mainline (EDSML) or the Western Alberta System Mainline (WASML)
 - Primary supply for WGAT and EGAT
 - Secondary supply for NEDA and OSDA



Central Flow Paths

Gas from the Edson Mainline (EDSML) is redirected at the James River CV

- Southbound flow is directed to the Western Alberta System Mainline (WASML)
- Eastbound flow is directed to the Central Alberta System Mainline (CASML)

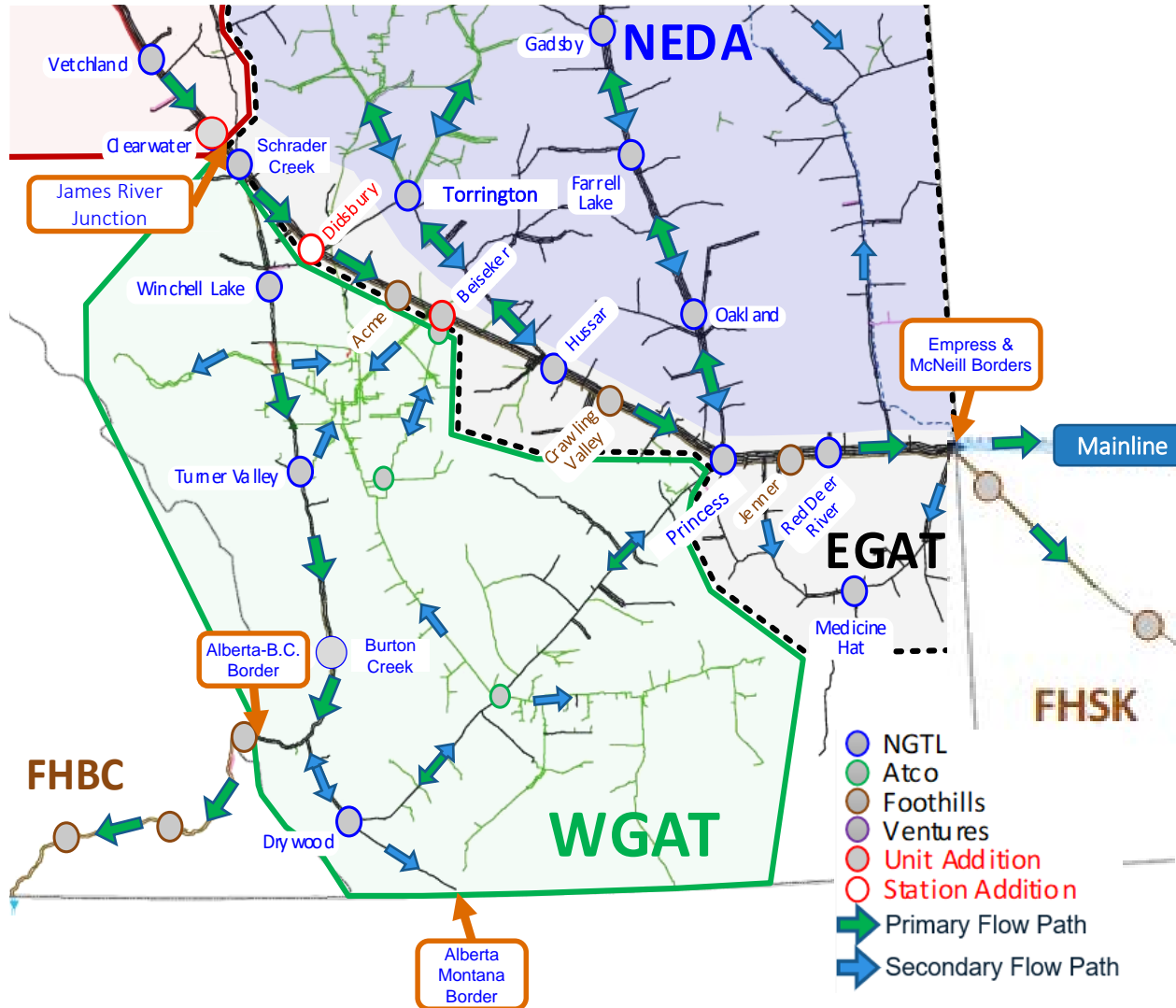
Southbound from James River Junction

- Majority of WGAT gas delivered at Alberta-B.C. Border
- Some deliveries to Calgary/Canmore area, Alberta-Montana Border, and South Lateral (SLAT)

Eastbound from James River Junction

- Majority of gas flows on the CASML to the Eastern Alberta System Mainline (EASML) and is then delivered at Empress or McNeill Border
- Gas from Torrington C/S helps supply the ATCO system
- Flows near Princess C/S flow up the North Lateral (NLAT) to supply NEDA
- Additional deliveries off the EASML to the SLAT and the Medicine Hat area

ATCO South Integrated System supplied via several flow paths



North East Flow Paths

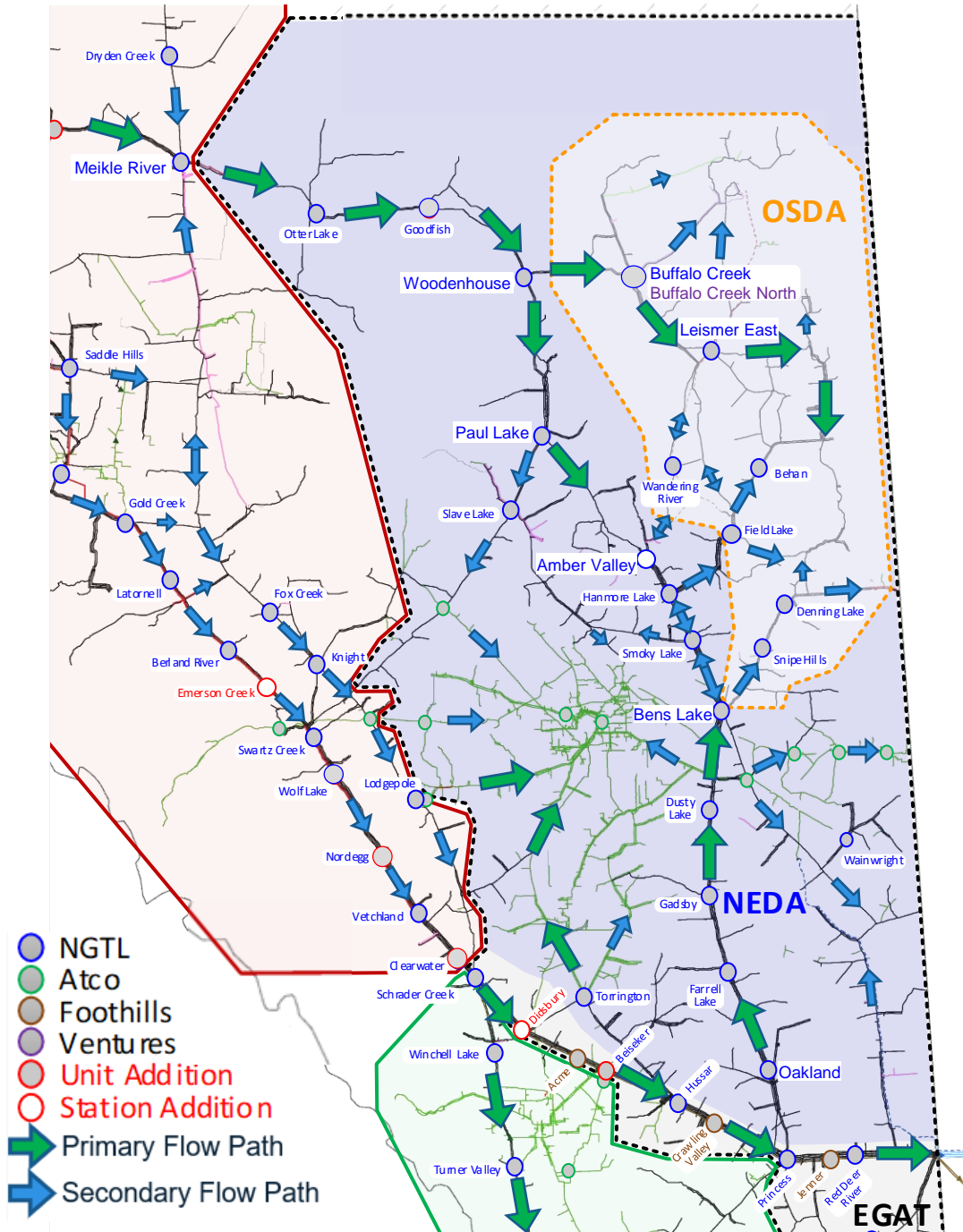
NEDA and OSDA are supplied by two main paths:

From Meikle River C/S across the North Central Corridor (NCC)

- Flow split at Woodenhouse C/S
 - East: Buffalo Creek C/S to Leismer C/S
 - South: Paul Lake C/S to Amber Valley C/S

From Oakland C/S up the North Lateral (NLAT)

- Bens Lake C/S directs gas flow dependent on need



ATCO North Integrated System supplied via several flow paths

Contact information

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