

Appendix E  
Pipeline Technical Data

**Pipeline Technical Data  
North Daly Sinclair Area**

Segment	Start Point	Facility	End Point	Facility	Length m	Outside Diameter mm	Wall Thickness mm	Grade	Coating	Spec.	Design Pressure kPag	Maximum Operating Pressure kPag
1	12-24-10-29W1	Battery	12-16-9-28W1	Terminal	17183	168.3	4.0	Grade 359 Cat II Sour	YJ1	CSA Z245.1	4960	4960
2	8-28-9-29W1	Battery	8-35-9-29W1	Valve Site	4048	108.2	3.6	Centron SP 1000	-	API 15HR	4960	4960

## Appendix F

## Oil Analysis



# Prairie Petro-Chem

A Clariant Oil Services Business

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August 3, 2011

Attention: Dave Jordan  
Tundra Oil & Gas  
Virden MB

**RE: OIL ANALYSIS FOR TUNDRA**  
**SAMPLED: JULY 2011 BY CHAD LESLIE**

Location	Sample Point	Specific Graphity @ 15°C	API Graphity @ 15°C	Sulfur Content (% by weight)	BS&W % sample analyzed
12-24-10-28	Before Knock Out	0.8291	39.17	0.507	Trace
5-3-10-28	Picks up 12-3/4-32-10-28	0.8204	40.98	0.218	Trace
4-6-1-6	Header	0.8220	40.64	0.198	Trace

If you have any questions please give Brent a call (306) 634-5808. Thank you.

Sincerely,

Jocelyn Griffin  
LAB TECHNICIAN  
labservices@petrochem.ca

## Appendix G

### Flow Rates

**Projected Flow Rates  
North Daly Sinclair Area**

<b>Segment</b>	<b>Battery</b>	<b>Projected Flow Rate m<sup>3</sup>/d</b>
1	12-24-10-29W1	1100
2	8-28-9-29W1	700

## Appendix H

### Line List

**SENT BY SEPARATE SUBMISSION**