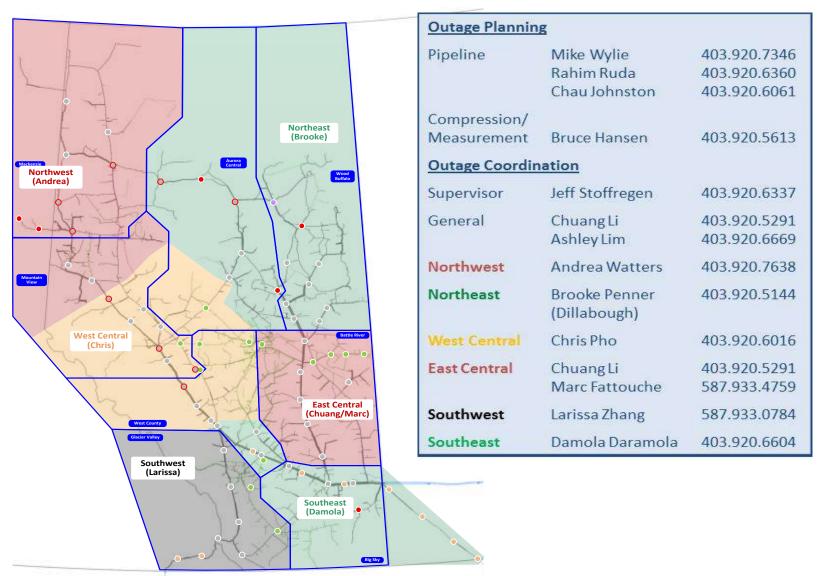




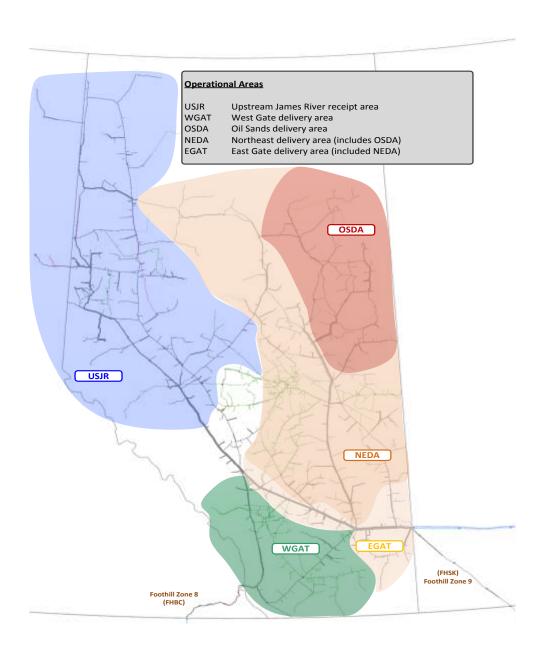
April Monthly Outage Forecast

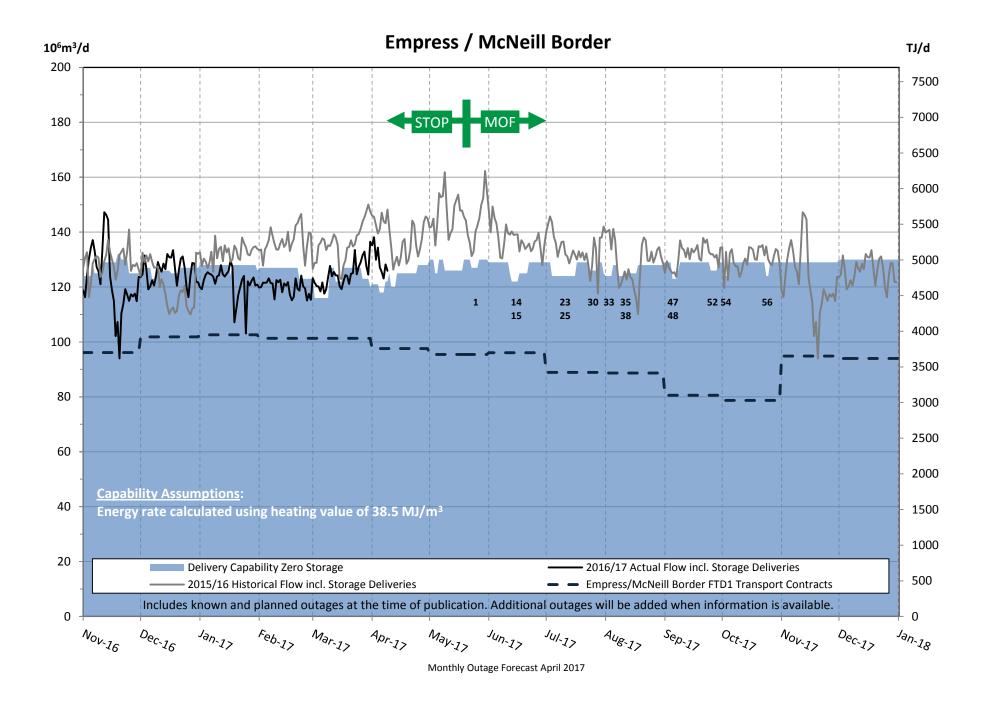
The Monthly Outage Forecast is a tool provided by TransCanada to show the estimated operational capability. This information is provided for informational purposes only and is not to be relied upon for any other purpose whatsoever. The information is based upon certain assumptions that may or may not be accurate, and therefore is subject to various risks and uncertainties. TransCanada shall not be liable for damages sustained as a result of any use or reliance on such information. Please note, only known and planned outages at the time of publishing will be included in the Monthly Outage Forecast. As new outages are planned they will be added to subsequent MOF reports.

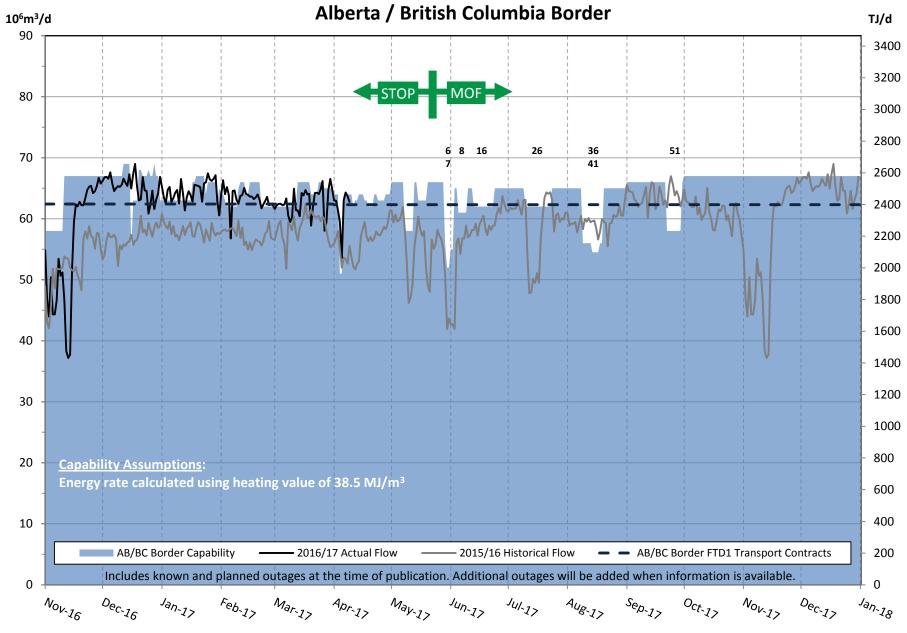


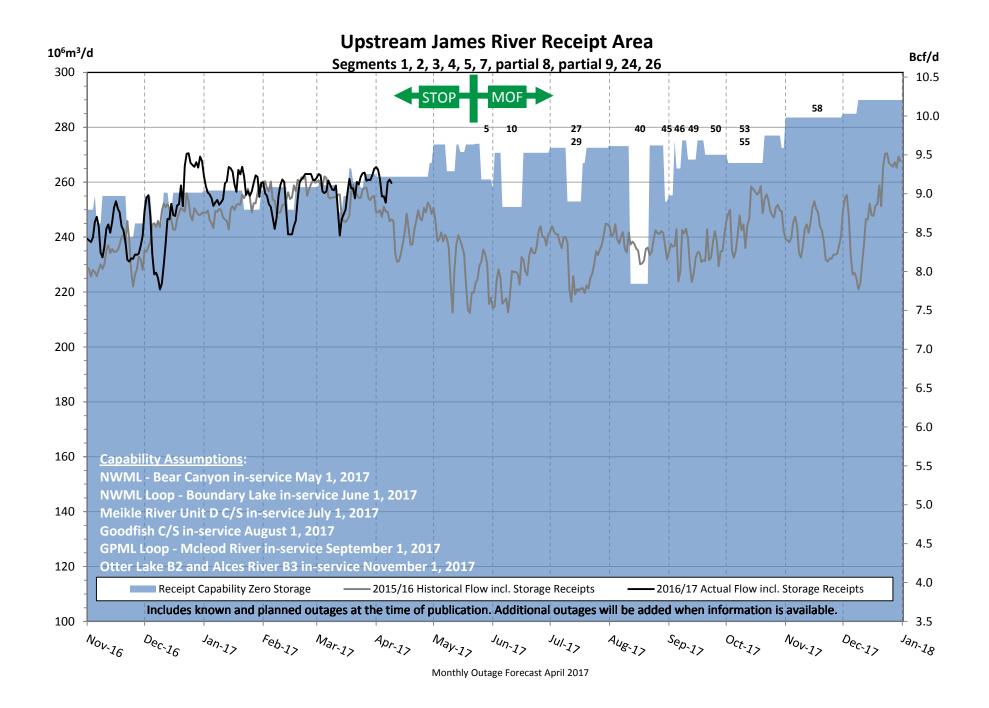
For NGTL System Facilities Segment codes please view link below

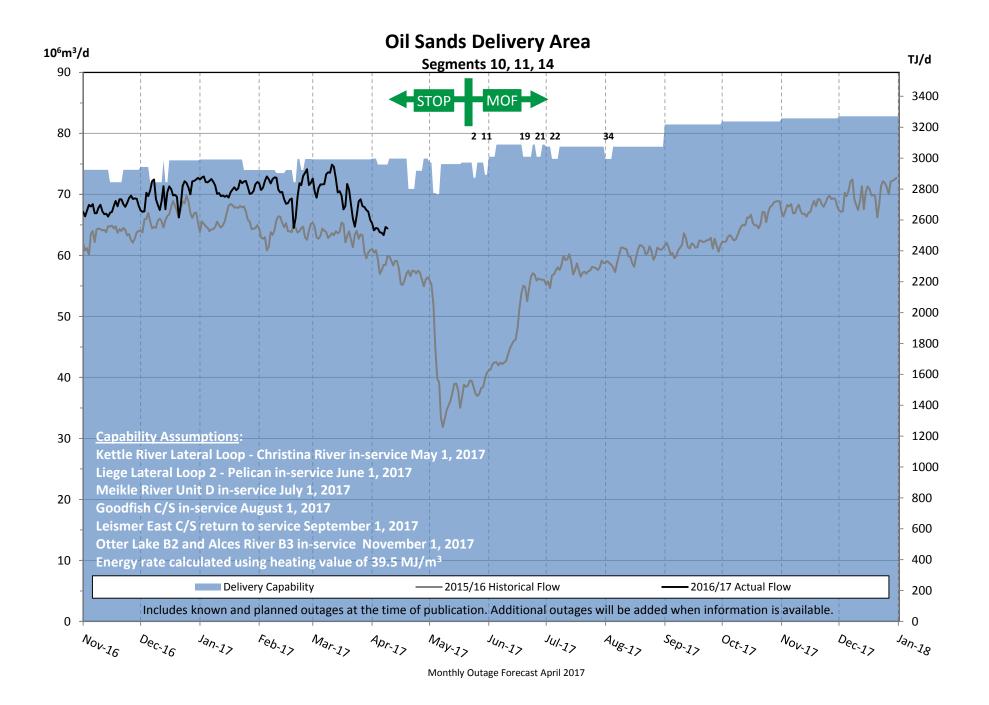
http://www.transcanada.com/customerexpress/docs/fh system maps/ab-system-map-segments-sept2016-final.PDF











Area Definitions

USJR Upstream James River Receipt Area: Groundbirch East, Gordondale, Big Eddy, January Creek, and Rat Creek West interconnects, and all receipt locations in Segments 1, 2, 3, 4, 5, 7, partial 8, partial 9, 24, 26.

East Gate Delivery Area: Empress, McNeill, Unity, Cold Lake, Aeco C, Warwick Southeast, Chancellor, Carbon, Severn Creek, and Crossfield interconnects,

and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, partial 21, 22, 23, partial 28.

• NEDA North and East Delivery Area: Unity, Cold Lake, Warwick Southeast interconnects, and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 23, partial 28:

• OSDA Oil Sands Delivery Area: Cold Lake interconnect, and all delivery locations in Segments 10, 11, 14.

WGAT West Gate Delivery Area: Alberta B.C. and Alberta Montana interconnects, and delivery locations in partial Segment 21 and Segment 22.

FHBC Foothills Zone 8
FHSK Foothills Zone 9

OUTAGE	SEG	OUTAGE DESCRIPTION	DATES		RECEIPT/DELIVERY IMPACT	CONTACT	AREA
#	#		START	FINISH			
1	18	Schrader Creek East #3 - Unit Maintenance (4 days). Capacity Revised	05/23/17	05/26/17	Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 127 E6m3/d. Typical Flow 125-135 e6m3/d.	Damola Daramola	EGAT
2	11	Field Lake A & B C/S - Station Maintenance (2 days).	05/24/17	05/25/17	Potential IT/FT delivery restriction in the Oil Sands Delivery Area. Capability 72 E6m3/d. Typical Flow 60-70 E6m3/d.	Brooke Penner (Dillabough)	OSDA
3	20	NPS 10 Etzikom Lateral - Pipeline Maintenance (8 days).	05/25/17	06/01/17	Nils required at South Saskatchewan River, Bullshead, Murray Lake, Etzikom A, Etzikom B, and Etzikom D meter stations. Typical Flow 350 E3m3/d.	Damola Daramola	Local
4	7	NPS 16 Demmitt Lateral - Pipeline Maintenance (6 days).	05/26/17	05/31/17	Potential IT/FT receipt restriction to Demmitt, Demmitt # 2, Brainard Lake, Goodfare. Capability 13 E6m3/d. Typical Flow 13-15 E6m3/d	Andrea Watters	Local
5	7	Gold Creek C/S - Station Maintenance (7 days). Capacity Revised	05/26/17	06/01/17	Potential IT/FT receipt restriction in the Upstream James River Receipt Area. Capability 261 E6m3/d. Typical Flow 255-270 e6m3/d.	Andrea Watters	USJR
6	21	Winchell Lake C/S - Station Maintenance (5 days). Capacity Revised	05/29/17	06/02/17	Potential IT/FT delivery restriction in the West Gate Delivery Area. Alberta B. C. Capability 55 E6m3/d. Typical Flow 57-64 E6m3/d.	Larissa Zhang	WGAT
7	21	Crowsnest A & B C/S - Station Maintenance (2 days).	05/30/17	05/31/17	Potential IT/FT receipt restriction on Foothills Zone 8. Capability 52 E6m3/d. Typical Flow 40 - 65 E6m3/d.	Larissa Zhang	FHBC
8	21	Burton Creek C/S - Station Maintenance (5 days).	06/05/17	06/09/17	Potential IT/FT delivery restriction in the West Gate Delivery Area. Alberta B. C. Capability 61 E6m3/d. Typical Flow 57-64 E6m3/d.	Larissa Zhang	WGAT
9	15	NPS 16 North Lateral Extension - Pipeline Maintenance (9 days).	06/05/17	06/13/17	Potential IT/FT delivery restriction in in the North and East Delivery Area. Capability 95 E6m3/d. Typical flow 60-100 E6m3/d.	Chuang Li	NEDA
10	8	NPS 42 Edson M/L Loop (Edson to Clearwater) - Pipeline Maintenance (11 days). Dates and Capacity Revised	06/06/17	06/16/17	Potential IT/FT receipt restriction in the Upstream James River Receipt Area. Capability 251 E6m3/d. Typical Flow 255-270 e6m3/d.	Chris Pho	USJR
	8	Wolf Lake C/S - Station Maintenance (5 days). Dates and Duration Revised	06/07/17	06/12/17	No expected additional impact due to alignment with NPS 42 Edson M/L Loop (Outage 10).	Chris Pho	USJR

Area Definitions

USJR Upstream James River Receipt Area: Groundbirch East, Gordondale, Big Eddy, January Creek, and Rat Creek West interconnects, and all receipt locations in Segments 1, 2, 3, 4, 5, 7, partial 8, partial 9, 24, 26.

East Gate Delivery Area: Empress, McNeill, Unity, Cold Lake, Aeco C, Warwick Southeast, Chancellor, Carbon, Severn Creek, and Crossfield interconnects,

and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, partial 21, 22, 23, partial 28.

• NEDA North and East Delivery Area: Unity, Cold Lake, Warwick Southeast interconnects, and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 23, partial 28:

• OSDA Oil Sands Delivery Area: Cold Lake interconnect, and all delivery locations in Segments 10, 11, 14.

WGAT West Gate Delivery Area: Alberta B.C. and Alberta Montana interconnects, and delivery locations in partial Segment 21 and Segment 22.

FHBC Foothills Zone 8
FHSK Foothills Zone 9

OUTAGE	SEG	OUTAGE DESCRIPTION	DATES		RECEIPT/DELIVERY IMPACT		AREA
#	#		START	FINISH			
11	16	NPS 16 Leming Lake Sales Lateral - Pipeline Modifications (6 days). Dates Revised	05/30/17	06/04/17	Potential IT/FT delivery restriction in the Oil Sands Delivery Area. Capability 73 E6m3/d. Typical Flow 60-70 E6m3/d.	Brooke Penner (Dillabough)	OSDA
12	13	NPS 10 Redwater Lateral - Pipeline Modifications (6 days within window).	06/07/17	06/12/17	Nils required at Big Bend, Lawrence Lake North and Dancing Lake meter stations. Typical Flow 150 E3m3/d.	Chuang Li	Local
13	23	Wainwright C/S - Station Maintenance (3 days).	06/12/17	06/14/17	Nils required at Wainwright South, Wainwright East, Edgerton West, Estridge Lake, Chauvin, Rivercourse, Paradise Valley, Batter Lake West, Baxter Lake, Baxter Lake B, Baxter Lake NW, and Gilt Edge West meter stations. Typical Flow 430 e3m3/d.	Chuang Li	Local
14	18	Hussar B #8 - Unit Maintenance (10 days).	06/12/17	06/21/17	Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 125 E6m3/d. Typical Flow 125-135 e6m3/d.	Damola Daramola	EGAT
15	18	Hussar C/S - Station Maintenance (4 days). Dates Revised	06/13/17	06/16/17	Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 122 E6m3/d. Typical Flow 125-135 e6m3/d.	Damola Daramola	EGAT
16	21	NPS 42 Western Alberta System Mainline Loop - Pipeline Maintenance (11 days).	06/13/17	06/23/17	Potential IT/FT delivery restriction in the West Gate Delivery Area. Alberta B. C. Capability 62 E6m3/d. Typical Flow 57-64 E6m3/d.	Larissa Zhang	WGAT
17	8	NPS 8 Ferrier South Lateral - Pipeline Maintenance (10 days).	06/13/17	06/22/17	FT receipt restriction at Ferrier South B. Capability 250 e3m3/d. Typical Flow 600 e3m3/d.	Chris Pho	Local
18	15	NPS 6 Sullivan Lateral- Pipeline Modifications (6 days).	06/22/17	06/27/17	Nils required at Bloor Lake and Sullivan meter stations. Typical Flow 200 E3m3/d.	Rahim Ruda	Local
19	11	Behan C/S - Station Maintenance (5 days).	06/19/17	06/23/17	Potential IT/FT delivery restriction in Segments 11 & 14. Capability 38 E6m3/d. Typical Flow 30-40 E6m3/d.	Brooke Penner (Dillabough)	OSDA
20	20	NPS 8 Vale East Lateral and NPS 10 Vale Lateral - Pipeline Modifications (8 days).	06/19/17	06/27/17	Nils required at Vale and Vale East meter stations. Typical Fow 500 E3m3/d.	Rahim Ruda	Local
21	11	Behan C/S - Station Maintenance (3 days).	06/26/17	06/28/17	Potential IT/FT delivery restriction in Segments 11 & 14. Capability 38 E6m3/d. Typical Flow 30-40 E6m3/d.	Brooke Penner (Dillabough)	OSDA

Area Definitions

USJR Upstream James River Receipt Area: Groundbirch East, Gordondale, Big Eddy, January Creek, and Rat Creek West interconnects, and all receipt locations in Segments 1, 2, 3, 4, 5, 7, partial 8, partial 9, 24, 26.

East Gate Delivery Area: Empress, McNeill, Unity, Cold Lake, Aeco C, Warwick Southeast, Chancellor, Carbon, Severn Creek, and Crossfield interconnects,

and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, partial 21, 22, 23, partial 28.

• NEDA North and East Delivery Area: Unity, Cold Lake, Warwick Southeast interconnects, and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 23, partial 28:

• OSDA Oil Sands Delivery Area: Cold Lake interconnect, and all delivery locations in Segments 10, 11, 14.

WGAT West Gate Delivery Area: Alberta B.C. and Alberta Montana interconnects, and delivery locations in partial Segment 21 and Segment 22.

FHBC Foothills Zone 8
FHSK Foothills Zone 9

OUTAGE	SEG	OUTAGE DESCRIPTION	DATES		RECEIPT/DELIVERY IMPACT	CONTACT	AREA
#	#		START	FINISH			
22	12	Hanmore Lake B & C C/S - Station Maintenance (4 days).	07/04/17	07/07/17	Potential IT/FT delivery restriction in the Oil Sands Delivery Area. Capability 76 E6m3/d. Typical Flow 60-70 E6m3/d.	Brooke Penner (Dillabough)	OSDA
23	18	Acme C/S - Station Maintenance (11 days).	07/04/17	07/14/17	Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 124 E6m3/d. Typical Flow 125-135 e6m3/d.	Damola Daramola	EGAT
24	16	NPS 14 Flat Lake Lateral - Pipeline Modifications (4 days).	07/05/17	07/08/17	IT/FT restriction at Unity border. Capability 2150 e3m3/d. Typical Flow 3000 e3m3/d. Nils required at Hattie Lake North and Killam meter stations. Typical Flow 110 E3m3/d.	Chuang Li	Local
25	19	NPS 42 Foothills Zone 6 Alberta- Pipeline Maintenance (12 days).	07/05/17	07/16/17	Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 124 E6m3/d. Typical Flow 125-135 E6m3/d.	Damola Daramola	EGAT
26	22	NPS 24 South Lateral- Pipeline Maintenance (15 days).	07/10/17	07/23/17	Potential IT/FT delivery restriction in the West Gate Delivery Area. Alberta B. C. Capability 62 E6m3/d. Typical Flow 57-64 E6m3/d.	Larissa Zhang	WGAT
27	7	NPS 42 Grande Prairie Mainline Loop - Pipeline Modifications (8 days). Capacity Revised	07/10/17	07/17/17	Potential IT/FT receipt restriction in the Upstream James River Receipt Area. Capability 253 E6m3/d. Typical Flow 255-270 e6m3/d. Nil required at Gold Creek South meter station. Typical Flow 1300 E3m3/d,	Chris Pho	USJR Local
28	17	NPS 12 Ghostpine Lateral - Pipeline Modifications (7 days).	07/12/17	07/18/17	Nils required at Carbon West and Gatine meter stations. Typical Flow 600 E3m3/d.	Marc Fattouche	Local
29	8	Clearwater C/S - Station Maintenance (2 days). Capacity Revised	07/18/17	07/19/17	Potential IT/FT receipt restriction in the Upstream James River Receipt Area. Capability 267 E6m3/d. Typical Flow 255-270 e6m3/d.	Chris Pho	USJR
30	18	Schrader Creek West #2 - Unit Maintenance (5 days).	07/24/17	07/28/17	Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 126 E6m3/d. Typical Flow 125-135 e6m3/d.	Larissa Zhang	EGAT
31	16	NPS 6 Killam Lateral - Pipeline Modifications (6 days).	07/25/17	07/30/17	Nil required at Killam meter station. Typical Flow 100 E3m3/d.	Rahim Ruda	Local
32	24	NPS 10 Greencourt Lateral - Pipeline Maintenance (17 days).	07/25/17	08/10/17	Nil required at Greencourt meter station. Typical Flow 15 E3m3/d. Nil required at Greencourt West Sales meter station. Typical Flow 5 E3m3/d	Chris Pho	Local

Area Definitions

USJR Upstream James River Receipt Area: Groundbirch East, Gordondale, Big Eddy, January Creek, and Rat Creek West interconnects, and all receipt locations in Segments 1, 2, 3, 4, 5, 7, partial 8, partial 9, 24, 26.

East Gate Delivery Area: Empress, McNeill, Unity, Cold Lake, Aeco C, Warwick Southeast, Chancellor, Carbon, Severn Creek, and Crossfield interconnects,

and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, partial 21, 22, 23, partial 28.

• NEDA North and East Delivery Area: Unity, Cold Lake, Warwick Southeast interconnects, and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 23, partial 28:

• OSDA Oil Sands Delivery Area: Cold Lake interconnect, and all delivery locations in Segments 10, 11, 14.

WGAT West Gate Delivery Area: Alberta B.C. and Alberta Montana interconnects, and delivery locations in partial Segment 21 and Segment 22.

FHBC Foothills Zone 8
FHSK Foothills Zone 9

OUTAGE	SEG	OUTAGE DESCRIPTION	DATES		RECEIPT/DELIVERY IMPACT	CONTACT	AREA
#	#		START	FINISH			
33	19	NPS 36 Eastern Alberta System Mainline Loop #2 - Pipeline Maintenance (5 days).	07/31/17	08/04/17	Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 124 E6m3/d. Typical Flow 125-135 E6m3/d.	Damola Daramola	EGAT
34	12	Hanmore Lake B & C C/S - Station Maintenance (4 days).	08/01/17	08/04/17	Potential IT/FT delivery restriction in the Oil Sands Delivery Area. Capability 76 E6m3/d. Typical Flow 60-70 E6m3/d.	Brooke Penner (Dillabough)	OSDA
35	18	Schrader Creek East & West C/S - Station Maintenance (3 days).	08/08/17	08/10/17	Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 124 E6m3/d. Typical Flow 125-135 e6m3/d.	Damola Daramola	EGAT
36	21	NPS 36 Western Alberta System Mainline - Pipeline Maintenance (11 days). Dates and Duration Revised	08/09/17	08/19/17	Potential IT/FT delivery restriction in the West Gate Delivery Area. Alberta B. C. Capability 56 E6m3/d. Typical Flow 57-64 E6m3/d.	Larissa Zhang	WGAT
37	21	NPS 12 Burnt Timber Lateral - Pipeline Modifications (6 days).	08/09/17	08/14/17	Nil required at Burnt Timber Sales meter station. Typical Flow 100 E3m3/d.	Rahim Ruda	Local
38	19	NPS 42 Eastern Alberta System Mainline Loop #3 - Pipeline Maintenance (9 days).	08/09/17	08/17/17	Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 125 E6m3/d. Typical Flow 125-135 E6m3/d.	Damola Daramola	EGAT
39	19	NPS 42 Foothills Pipeline Zone 9 - Pipeline Maintenance (11 days).	08/09/17	08/19/17	Potential IT/FT receipt restriction on Foothills Zone 9. Capability 28-40 E6m3/d. Typical Flow 40-45 E6m3/d.	Damola Daramola	FHSK
40	7	NPS 48 Edson Mainline Loop 3 - Pipeline Modifications (10 days). Capacity and Area of Impact Revised	08/12/17	08/21/17	FT receipt restriction in Segments 1, 2, 3, 4, 5, 7, partial 8 (upstream of Vetchland C/S), partial 9 (upstream of Schrader Creek C/S), 24, 26. Capability 228 E6m3/d. Typical Flow 260-275 e6m3/d.	Chris Pho	USJR
	7	NPS 36/42 Grande Prairie Mainline Loop - Pipeline Modifications (6 days within window).	08/12/17	08/21/17	No expected additional impact due to alignment with NPS 48 Edson Mainline Loop 3 (Outage 40).	Andrea Watters	USJR
	7	NPS 36 Grande Prairie Mainline Loop - Pipeline Modifications (6 days within window).	08/12/17	08/21/17	No expected additional impact due to alignment with NPS 48 Edson Mainline Loop 3 (Outage 40).	Andrea Watters	USJR
	8	Swartz Creek C/S - Station Maintenance (5 days).	08/14/17	08/18/17	No expected additional impact due to alignment with NPS 48 Edson Mainline Loop 3 (Outage 40).	Chris Pho	USJR

Area Definitions

Upstream James River Receipt Area: Groundbirch East, Gordondale, Big Eddy, January Creek, and Rat Creek West interconnects, and all receipt locations in Segments 1, 2, 3, 4, 5, 7, partial 8, partial 9, 24, 26.

East Gate Delivery Area: Empress, McNeill, Unity, Cold Lake, Aeco C, Warwick Southeast, Chancellor, Carbon, Severn Creek, and Crossfield interconnects,

and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, partial 21, 22, 23, partial 28.

• NEDA North and East Delivery Area: Unity, Cold Lake, Warwick Southeast interconnects, and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 23, partial 28:

• OSDA Oil Sands Delivery Area: Cold Lake interconnect, and all delivery locations in Segments 10, 11, 14.

WGAT West Gate Delivery Area: Alberta B.C. and Alberta Montana interconnects, and delivery locations in partial Segment 21 and Segment 22.

FHBC Foothills Zone 8
FHSK Foothills Zone 9

OUTAGE	SEG	OUTAGE DESCRIPTION	DATES		RECEIPT/DELIVERY IMPACT	CONTACT	AREA
#	#		START	FINISH			
	7	Latornell C/S - Station Maintenance (7 days).	08/14/17	08/20/17	No expected additional impact due to alignment with NPS 48 Edson Mainline Loop 3 (Outage 40).	Chris Pho	USJR
41	21	Drywood C/S - Station Maintenance (4 days). Dates and Duration Revised	08/14/17		Potential IT/FT delivery restriction in the West Gate Delivery Area. Alberta B. C. Capability 63 E6m3/d. Typical Flow 57-64 E6m3/d.	Larissa Zhang	WGAT
42	20	NPS 8 Dorothy Lateral and NPS10 Cessford-Burfield Lateral - Pipeline Modifications (8 days).	08/21/17	118/28/17	Nils required at Dorothy, Lone Butte, Cessford Burfield West, Cessford Burfield West #2, Bullpound, Cessford North meter stations. Typical Flow 600 E3m3/d.	Rahim Ruda	Local
43	19	NPS 42 Foothills Pipeline Zone 9 - Pipeline Maintenance (7 days).	08/22/17	08/28/17	Potential IT/FT receipt restriction on Foothills Zone 9. Capability 28-40 E6m3/d. Typical Flow 40-45 E6m3/d.	Damola Daramola	FHSK
44	5	NPS 12 Bigstone Lateral - Pipeline Maintenance (6 days).	08/23/17	08/28/17	Nil required at Grizzly meter station. Typical Flow 85 E3m3/d	Chris Pho	Local
45	7	NPS 36 Grande Prairie Mainline Loop - Pipeline Modifications (5 days).	08/30/17	09/03/17	Potential IT/FT receipt restriction in the Upstream James River Receipt Area. Capability 253 E6m3/d. Typical Flow 255-270 e6m3/d.	Andrea Watters	USJR
46	5	Knight C/S - Station Maintenance (3 days).	09/05/17	09/07/17	Potential IT/FT receipt restriction in the Upstream James River Receipt Area. Capability 265 E6m3/d. Typical Flow 255-270 e6m3/d.	Chris Pho	USJR
47	18	Beiseker #1 - Station Maintenance (4 days).	09/05/17	09/08/17	Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 126 E6m3/d. Typical Flow 125-135 e6m3/d.	Damola Daramola	EGAT
48	19	Jenner C/S - Station Maintenance (3 days).	09/05/17		Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 123 E6m3/d. Typical Flow 125-135 e6m3/d.	Damola Daramola	EGAT
49	6	Woodenhouse A1 & B2 C/S - Station Maintenance (5 days).	09/11/17	09/15/17	Potential IT/FT receipt restriction in the Upstream James River Receipt Area. Capability 268 E6m3/d. Typical Flow 255-270 e6m3/d. Potential IT/FT delivery restriction in the North and East Delivery Area. Capability 93 E6m3/d. Typical Flow 60-100 E6m3/d.	Brooke Penner (Dillabough)	USJR NEDA
50	7	NPS 42 Grande Prairie Mainline Loop - Pipeline Modifications (12 days). Capacity and Area of Impact Revised	09/20/17	10/01/17	Potential IT/FT receipt restriction in the Upstream James River Receipt Area. Capability 270 E6m3/d. Typical Flow 255-270 e6m3/d. Nil required at Mayberne #2 meter station. Typical Flow 550 E3m3/d.	Chris Pho	USJR Local

Area Definitions

Upstream James River Receipt Area: Groundbirch East, Gordondale, Big Eddy, January Creek, and Rat Creek West interconnects, and all receipt locations in Segments 1, 2, 3, 4, 5, 7, partial 8, partial 9, 24, 26.

East Gate Delivery Area: Empress, McNeill, Unity, Cold Lake, Aeco C, Warwick Southeast, Chancellor, Carbon, Severn Creek, and Crossfield interconnects,

and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, partial 21, 22, 23, partial 28.

• NEDA North and East Delivery Area: Unity, Cold Lake, Warwick Southeast interconnects, and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 23, partial 28:

• OSDA Oil Sands Delivery Area: Cold Lake interconnect, and all delivery locations in Segments 10, 11, 14.

WGAT West Gate Delivery Area: Alberta B.C. and Alberta Montana interconnects, and delivery locations in partial Segment 21 and Segment 22.

FHBC Foothills Zone 8
FHSK Foothills Zone 9

OUTAGE	SEG	OUTAGE DESCRIPTION	DATES		RECEIPT/DELIVERY IMPACT	CONTACT	AREA
#	#		START	FINISH			
51	21	NPS 36 Foothills Zone 7 - Pipeline Maintenance (8 days).	09/22/17	09/29/17	Potential IT/FT delivery restriction in the West Gate Delivery Area. Alberta B. C. Capability 58 E6m3/d, Typical flow 57-64 E6m3/d.	Larissa Zhang	WGAT
52	18	Beiseker #2 - Station Maintenance (4 days).	09/25/17	09/28/17	Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 126 E6m3/d. Typical Flow 125-135 e6m3/d.	Damola Daramola	EGAT
53	8	Nordegg C/S - Station Maintenance (19 days). Capacity Revised	10/02/17	10/20/17	Potential IT/FT receipt restriction in the Upstream James River Receipt Area. Capability 267 E6m3/d. Typical Flow 255-270 e6m3/d.	Chris Pho	USJR
54	18	Crawling C/S - Station Maintenance (3 days).	10/02/17	10/04/17	Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 124 E6m3/d. Typical Flow 125-135 e6m3/d.	Damola Daramola	EGAT
55	6	Paul Lake B2 C/S - Station Maintenance (4 days). Dates, Duration, and Capacity Revised	10/10/17	10/13/17	Potential IT/FT receipt restriction in the Upstream James River Receipt Area. Capability 270 E6m3/d. Typical Flow 255-270 E6m3/d. Potential IT/FT delivery restriction in the North and East Delivery Area. Capability 95 E6m3/d. Typical Flow 60-100 E6m3/d.	Brooke Penner (Dillabough)	USJR NEDA
56	18	Beiseker C/S - Station Maintenance (2 days).	10/24/17	10/25/17	Potential IT delivery restriction in the East Gate Delivery Area. Empress/McNeill delivery Capability 124 E6m3/d. Typical Flow 125-135 e6m3/d.	Damola Daramola	EGAT
57	23	NPS 8 Wainwright East Lateral- Pipeline Modifications (7 days).	10/24/17	10/30/17	Nil required at Wainwright East meter station. Typical Flow 35 E3m3/d.	Marc Fattouche	Local
58	8	Clearwater #5 - Unit Modifications (40 days). Capacity Revised	10/30/17	12/08/17	Potential IT/FT receipt restriction in the Upstream James River Receipt Area. Capability 284 E6m3/d. Typical Flow 255-270 e6m3/d.	Chris Pho	USJR
59	12	NPS 10 Hairy Hills Lateral - Pipeline Modifications (7 days).	11/01/17	11/06/17	Nil required at Hairy Hill meter station. Typical Flow 55 E3m3/d.	Marc Fattouche	Local
60	16	NPS 8 Kessler Lateral - Pipeline Modifications (6 days).	11/20/17	11/25/17	Nils required at Provost Kessler and Provost West meter stations. Typical Flow 130 E3m3/d.	Marc Fattouche	Local
61	19	NPS 10 Iddesleigh South Lateral - Pipeline Modifications (4 days).	12/04/17	12/07/17	Nil required at Iddesleigh South meter station. Typical Flow 115 E3m3/d.	Rahim Ruda	Local

Area Definitions

USJR Upstream James River Receipt Area: Groundbirch East, Gordondale, Big Eddy, January Creek, and Rat Creek West interconnects, and all receipt locations in Segments 1, 2, 3, 4, 5, 7, partial 8, partial 9, 24, 26.

East Gate Delivery Area: Empress, McNeill, Unity, Cold Lake, Aeco C, Warwick Southeast, Chancellor, Carbon, Severn Creek, and Crossfield interconnects,

and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, partial 21, 22, 23, partial 28.

• NEDA North and East Delivery Area: Unity, Cold Lake, Warwick Southeast interconnects, and all delivery locations in Segments 6, 10, 11, 12, 13, 14, 15, 16, 17, 23, partial 28:

• OSDA Oil Sands Delivery Area: Cold Lake interconnect, and all delivery locations in Segments 10, 11, 14.

WGAT West Gate Delivery Area: Alberta B.C. and Alberta Montana interconnects, and delivery locations in partial Segment 21 and Segment 22.

FHBC Foothills Zone 8
FHSK Foothills Zone 9

OUTAGE	SEG	OUTAGE DESCRIPTION	DATES		RECEIPT/DELIVERY IMPACT	CONTACT	AREA			
#	#		START	FINISH						
	OUTAGES TO BE REMOVED FROM MONTHLY OUTAGE FORECAST - CANCELLATIONS, DEFERRALS, REVISED IMPACTS									
	5	NPS 20 Kaybob Lateral - Pipeline Maintenance (1 day).	05/11/17	05/11/17	No longer expected to have impact.	Chris Pho	Local			
	5	Fox Creek C/S - Station Maintenance (3 days).	05/23/17	05/25/17	No longer expected to have impact.	Chris Pho	USJR			
	8	Clearwater #1 - Unit Maintenance (5 days).	07/17/17	07/21/17	Work completed 04/03/17 to 04/07/17.	Chris Pho	USJR			