Updated 7/28/2022 Natural Gas Pipeline 2022 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all NGPL 2022 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to \*Typical Timeline for ILI reporting is below.

Type of In-Line Inspection tool	# of weeks to determine a successful run	# of weeks to Preliminar y Report	# of Weeks to Final Aligned Report		
MFL	1-2	3-4	8-13		
AFD	2-3	3-4	12-16		
EMAT	2-3	N/A	17-30		

\*\*\* Indicates revision

Outage #	on Revised	Start Date	End Date	Reason Changed	Prev. Start Date	Prev. End Date	System	Line	Segment	Location	Scheduling Location	Maintenance Activity	Restriction Level	Pool Location	Meter(s) in Impacted Area
X20-877776		09/24/20	UFN				AM	INDIAN BASIN	7	CS 167	CS 167	Force Majeure - See latest Force Majeure Posting on Natural's EBB	Effective for gas day Thursday, September 24, 2020, Intraday 1 Cycle, Natural will schedule all transports to 0% of contract MDQ into and out of Segment 7. Segment 8 and Segment 9 of the Permian Zone are not impacted by this force majeure event.		
X22-507414		06/09/22	09/02/22				MKT	VOLO #2	40	113		ILI Tool Runs - Cleaning/Gauge 6/9, Caliper 6/14, AFD 8/30	No anticipated impact		
X21-1150479		06/27/22	09/21/22				GC	GC #1	22	300/341		Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X22-724170	***	07/19/22	07/29/22	Completed			GC	GC #2	22	302/301	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X22-719946	***	07/20/22	07/26/22	Completed			GC	GC #1	26	304/303	303	Force Majeure	Primary/SIP Firm transports will be scheduled to no less than 95% of contract MDQ through CS 303. AOR/TIS and Secondary out-of-path Firm transports are not available. Firm transportation associated with storage injections or withdrawals may be impacted.	TEXOK GC: North of Constraint	
X22-468607		07/26/22	07/28/22				AM	AM #2	11	104	TBD	ILI Tool Runs - Cleaning/Gauge 7/26, Cleaning 7/27, AFD 7/28	No anticipated impact		
X21-1054763		07/26/22	10/06/22				GC	GC #1	28	311/312		ILI Tool Runs - Cleaning 7/26, Gauge 7/28, MFL 8/2, Hard Spot 8/4, AFD 8/9, EMAT 10/6	No anticipated impact		
X20-1108168		08/01/22	08/22/22				AM	AM #2	14	110	110	Install Launcher and Receiver	No Anticipated Impact		
X21-1162544		08/02/22	09/30/22				MKT	CAL #3	33	113	LOC 904758, LOC 906107	Install Launchers and Receivers	The following locations are unavailable: LOC 904758 ANR South Joliet #2 Will, 906107 Midwstrn Channahon Will. No transport services will be scheduled.		LOC 904758 ANR South Joliet #2 Will, 906107 Midwstrn Channahon Will
X22-738748	***	08/05/22	08/09/22	Added			GC		22		LOC 908197 ENSTOR/NGPL KATY FORT BEND	Force Majeure	LOC 908197 ENSTOR/NGPL KATY FORT BEND is unavailable. No transport services will be scheduled.		LOC 908197 ENSTOR/NGPL KATY FORT BEND
X21-1093905	***	08/09/22	08/12/22	Project Change	7/19/22	7/25/22	AM	AM #3	14	110/113	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X21-1150486	***	08/09/22	08/12/22	Added			GC	GC #3	26	304/303	303	Force Majeure	Primary/SIP Firm transports will be scheduled to no less than 79% of contract MDQ through CS 303. AOR/ITS and Secondary out-of-path Firm transports are not available. In addition, the following locations will be unavailable: LDC 39648 Rockcliff Lisa B #1 Nacogdoches, LDC 45310 BTA ETG East Texas Gathering and LDC 46389 TGG Nacogdoches.  Firm transportation associated with storage injections or withdrawals may be impacted.	TEXOK GC: North of Constraint	LOC 39648 Rockcliff Lisa B #1 Nacogdoches, LOC 45310 BTA ETG East Texas Gathering, LOC 46389 TGG Nacogdoches
X22-741523	非常体	08/11/22	08/11/22	Added			АМ	OE #1	2	156/801	CS 801 and LOC 44652, LOC 48931, LOC 3661	ILI Tool Run - MFL 8/11	Natural will schedule Primary/SIP Firm transports only through CS 801 into segment 15. AOR/ITS and Secondary out-of-path Firm transports are not available. In addition, the following locations are unavailable: LOC 44652 TARGA MC/NGPL STEPHENS, LOC 48931 WOODFORD/NGPL COX CITY GRADY, LOC 3661 BOUNTYTR/NGPL CADDO. No transport services will be scheduled.		LOC 44652 TARGA MC/NGPL STEPHENS, LOC 48931 WOODPORD/NGPL COX CITY GRADY, LOC 3661 BOUNTYTR/NGPL CADDO
X21-1162642		08/16/22	09/01/22				GC	LOVE LATERAL	15	801	LOC 908087, LOC 46273, LOC 905317	Install Launcher and Reveiver	The following locations are unavailable: LOC 908087 ONG Marietta Love, LOC 46273 Navitas Love, LOC 905317 Targa MC Enville PIt Love. No transport services will be scheduled.		LOC 908087 ONG Marietta Love, LOC 46273 Navitas Love, LOC 905317 Targa MC Enville Plt Love
X21-1162646		08/16/22	09/01/22				GC	MADILL LATERAL	15	801	TBD	Install Launcher and Receiver	This project has an impact to maximum capacity. However, in order to mitigate customer impact and based on current operating conditions, Natural does not anticipate limiting primary firm transport services, at this time. If conditions change Natural will post an update.		

X21-1091186	***	08/16/22	08/23/22	Added			GC	GC #2	26	303/302	303	ILI Tool Runs - Cleaning 8/16, Cleaning Gauge 8/18, Cleaning 8/20, MFL 8/23	PrimarySIP Firm transports will be scheduled to no less than 72% of contract MDQ southbound through CS 303. AOR/ITS and Secondary out-of-path Firm transports are not available.  Additionally, transports associated with storage withdrawals from any storage point flowing southbound through the constraint will be impacted.	TEXOK GC: North of Constraint	
X21-1091196		08/16/22	08/26/22				GC	GC #3	27	304/305	TBD	ILI Tool Runs - Cleaning 8/16, Cleaning 8/17, Gauge 8/19, AFD 8/23, EMAT 8/25	No anticipated impact		
X21-1150477	***	08/16/22	08/31/22	Project Change	7/18/22	7/29/22	GC	GC #2	27	304/305	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X21-1150484	***	08/30/22	09/23/22	Project Change	9/20/22	10/11/22	GC	GC #1	22	302/301	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X21-1054827		09/13/22	09/13/22				AM	AM #2	10	103		ILI Tool Runs - AFD 9/13	This project has an impact to maximum capacity. However, in order to mitigate customer impact and based on current operating conditions, Natural does not anticipate limiting primary firm transport services, at this time. If conditions change Natural will post an update.		
X21-1093894		09/26/22	09/30/22				MKT	HOWARD STREET #1 & #2	30	113	TBD	Pipeline Integrity	If remediation is required, all transport services are at risk of not being fully scheduled.		
X22-738733	***	09/27/22	09/30/22	Added			GC		25	302	302	Station Maintenance	Primary/SIP Firm transports will be scheduled to no less than 54% of contract MDQ through CS 302. AOR/ITS and Secondary out-of-path Firm transports will not be available	TEXOK GC: West of Constraint	
X22-514651		10/25/22	11/04/22				GC	GC #1	27	304/305	TBD	ILI Tool Runs - Chemical Cleaning 10/25 thru 10/28, EMAT 11/3	No anticipated impact		