

NEXUS GAS TRANSMISSION, LLC

5400 Westheimer Court

Houston, TX 77056



June 19, 2018

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, D.C. 20426

Re: *NEXUS Gas Transmission, LLC*, Docket No. CP16-22-000
Weekly Status Report

Dear Ms. Bose:

On August 25, 2017, the Federal Energy Regulatory Commission (“FERC”) issued an Order Issuing Certificates and Granting Abandonment (“August 25 Order”) in the above referenced docket authorizing NEXUS Gas Transmission, LLC (“NEXUS”) to construct and operate the NEXUS Project (“Project”).¹ On September 12, 2017, NEXUS submitted its Implementation Plan for the Project. In compliance with Environmental Condition No. 8 of the August 25 Order, NEXUS hereby submits its weekly status report for the period June 9, 2018 through June 15, 2018.

Should you have any questions regarding this filing, please contact David A. Alonzo, Specialist I, Rates and Certificates at (713) 627-4957 or the undersigned at (713) 627-4102.

Sincerely,

NEXUS Gas Transmission, LLC
By: Spectra Energy NEXUS Management, LLC
in its capacity as operator

/s/ Lisa A. Connolly
Lisa A. Connolly
Director, Rates and Certificates

Attachment

cc: Joanne Wachholder (FERC)

¹ *NEXUS Gas Transmission, LLC, et al.*, 160 FERC ¶ 61,022 (2017).

WEEKLY CONSTRUCTION STATUS REPORT

NEXUS Gas Transmission, LLC

Project: NEXUS Project (CP16-22-000)

Reporting Period: June 9, 2018 to June 15, 2018

A) UPDATE ON FEDERAL AUTHORIZATIONS:

- No updates on Federal Authorizations occurred during the reporting period of June 9, 2018 to June 15, 2018.

B) SUMMARY OF CURRENT AND UPCOMING CONSTRUCTION:

CURRENT CONSTRUCTION ACTIVITIES:

- Construction contractors working on the NEXUS Project continued installing environmental best management practices and continued right-of-way preparation activities. Tree chipping continued on Spread 2 this week. Mainline construction activities are occurring on all four construction spreads and at all facilities.

General Environmental

- The environmental inspectors continued providing the required environmental training to construction personnel on each construction spread, prior to the personnel mobilizing to the right-of-way. Environmental compliance inspections of ongoing construction activities continue to occur throughout each work day. Storm water inspections are occurring on a weekly basis and after the occurrence of a 0.5 inch or more rainfall event. Several significant storms resulted in over 3 inches of rainfall across the project this week.

Spread 1

- Erosion control device installation and maintenance, safety fence installation, and rock access pad maintenance continued to occur.
- Topsoil segregation and grading continued to occur.
- Road bores, stringing, bending, welding, coating, trenching, lowering-in, backfill and tie-in activities are occurring.
- Horizontal Directional Drilling (HDD) activities continued at the Milepost 8 Wetland and Tuscarawas River crossings. Additional information regarding HDDs can be found in Section J of this report.

Spread 1 Construction Progress:

Activity	Percent Complete
Tree Cutting	100%
Tree Clearing	100%
Grade	100%
Stringing	70%
Bending	64%
Welding	61%
Coating	37%

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Trenching	26%
Lowering-in	4%
Backfill	1%
Tie-In	4%
Cleanup	0%
Restoration	0%

Spread 2

- Log removal and chipping of the previously felled trees continued this week. Grading, pipe stringing, bending, welding, coating, trenching, lowering-in, backfill, tie-in, clean-up, restoration and road bore installations continue.
- Erosion control device installation and maintenance, safety fence installation, rock access pad maintenance, wetland matting installation and stream bridge installation continued to occur.
- Horizontal Directional Drilling (HDD) activities continued for the Vermillion River, Interstate 80, and West Branch Black River. Additional information regarding HDDs can be found in Section J of this report.

Spread 2 Construction Progress:

Activity	Percent Complete
Tree Cutting	100%
Tree Clearing	73%
Grade	73%
Stringing	64%
Bending	62%
Welding	52%
Coating	49%
Trenching	42%
Lowering-in	33%
Backfill	33%
Tie-In	8%
Cleanup	2%
Restoration	2%

Spread 3

- Erosion control device installation and maintenance, safety fence installation, and rock access pad maintenance continued to occur.
- Pipe stringing, bending, welding, trenching, backfill, tie-in, clean-up and road bore installations continue.
- Horizontal Directional Drilling (HDD) activities drilling activities occurred at the Maumee River, Sandusky River and Portage River crossings. Additional information regarding HDDs can be found in Section J of this report.

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Spread 3 Construction Progress:

Activity	Percent Complete
Tree Cutting	100%
Tree Clearing	100%
Grade	100%
Stringing	87%
Bending	87%
Welding	86%
Coating	69%
Trenching	56%
Lowering-in	45%
Backfill	43%
Tie-In	16%
Cleanup	1%
Restoration	0%

Spread 4

- Grading, stringing, bending, tie-in, road bore, lowering-in, backfill, cleanup and restoration activities continued this week.
- Horizontal Directional Drilling (HDD) activities drilling activities occurred at the Beyer Drain. Additional information regarding HDDs can be found in Section J of this report.

Spread 4 Construction Progress:

Activity	Percent Complete
Tree Cutting	100%
Tree Clearing	100%
Grade	92%
Stringing	46%
Bending	40%
Welding	24%
Coating	24%
Trenching	22%
Lowering-in	22%
Backfill	21%
Tie-In	14%
Cleanup	5%
Restoration	5%

Compressor Stations

- Grading, foundation work, structural, electrical and piping work continued at the Hanoverton, Wadsworth and Clyde compressor station sites.

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Compressor Station – Construction Progress Percentage Complete			
Activity	Hanoverton	Wadsworth	Clyde
Site Work	63%	66%	61%
Foundations	99%	92%	83%
Equipment and Structures	69%	36%	60%
Fabrication and Install	69%	44%	66%
Electrical	19%	26%	29%
Instrumentation	0%	0%	11%
Painting, Coating and Insulation	10%	38%	20%

Metering and Regulation Sites

Metering and Regulation Sites – Construction Progress Percentage Complete						
Activity	MR01	MR02	MR03	MR04	MR05	MR06
Site Work	85%	70%	70%	17%	50%	41%
Foundations	100%	100%	100%	77%	85%	89%
Equipment and Structures	100%	100%	100%	46%	53%	31%
Fabrication and Install	92%	100%	100%	43%	37%	5%
Electrical	96%	93%	93%	55%	52%	0%
Instrumentation	100%	100%	100%	75%	70%	25%
Painting, Coating and Insulation	82%	85%	59%	10%	7%	0%

WORK PLANNED FOR THE NEXT REPORTING PERIOD:

Spread 1

- Stringing, bending, welding, coating, trenching, lowering-in, backfill, tie-ins and road bore installations will occur.
- HDD activities will continue at the milepost 8 and Tuscarawas River crossings.
- Environmental and safety training will continue to occur.

Spread 2

- Mechanical tree chipping will continue to occur.
- Topsoil segregation and grading of the right-of-way will continue.
- Pipe stringing, welding, coating, trenching, lowering-in, backfill, clean-up, tie-ins and restoration will continue to occur.
- Road bore installations will occur.
- Crews will continue with installation of rock access pads and environmental best management practices, including erosion control devices, wetland matting and stream bridging.
- Environmental and safety training will continue to occur.
- HDD activities will continue at the Vermillion River, West Branch Black River and Interstate 80.

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Spread 3

- Rock access pad maintenance, utility location and environmental best management practices installation and maintenance activities will continue.
- Pipe stringing, welding, coating, trenching, lowering-in, backfill, tie-ins and cleanup will continue to occur.
- Restoration activities will begin.
- Road bore installations will occur.
- HDD activities will occur at the Maumee River, Sandusky River and Portage River crossings.
- Environmental and safety training will continue to occur.

Spread 4

- Environmental best management practices maintenance, bore installation, grading, welding, coating, trenching, lowering-in, backfill, tie-in, cleanup and restoration activities will occur.
- Environmental and safety training will continue to occur.
- HDD activities will continue at Beyer Drain HDD.

Compressor Stations

- Site work, foundation work, structure, electrical and piping work will continue to occur at the Hanoverton, Wadsworth, and Clyde compressor station sites.

Metering and Regulation Sites

- Site work, foundation work, structure, electrical and piping work will continue to occur.

CHANGES TO STREAM CROSSING SCHEDULE:

- None.

SCHEDULE FOR WORK IN OTHER ENVIRONMENTALLY SENSITIVE AREAS:

- No work will occur in other environmentally sensitive areas during the next weekly reporting period.

C) PROBLEMS/INSTANCES OF NON-COMPLIANCE ENCOUNTERED:

- A non-compliance report was issued by a NEXUS Environmental Inspector on June 7, 2018 on Spread 4 for grading that occurred outside of the approved workspace. It appears that the operator misinterpreted the corner stakes of the workspace box which resulted in grading two areas outside of the workspace that were approximately 25 feet by 100 feet in dimension. This non-compliance report was inadvertently left out of last

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week's construction status report. Corrective actions implemented are detailed in Section D of this report.

D) CORRECTIVE ACTIONS IMPLEMENTED:

- The personnel responsible for working outside of the approved work area were removed from the project. NEXUS and the contractor continue to stress with their personnel the importance of keeping all ground disturbing activities within the limits of the workspace.

E) EFFECTIVENESS OF CORRECTIVE ACTIONS IMPLEMENTED:

- The implemented corrective actions have been successful in preventing additional occurrences of work occurring outside of the construction workspace.

F) LANDOWNER/RESIDENT COMPLAINTS:

- Thirty three landowner complaints were received during the reporting period of June 9, 2018 to June 15, 2018. These complaints are detailed in the Landowner Complaint Tracking Table below:

Landowner / Resident Complaint Tracking Table					
Name of Caller	Date of Call or Conversation	Mile post	Landowner Tract Number	Description of Problem / Concern	Description of Resolution of Problem / Concern
Jeannette Miller	6/9/18	167.0	OH-WO-037.0000 OH-WO-039.0000	The caller is concerned about the separation of soil piles during the trenching and backfilling of the pipe. She would like to be ensured that they are being kept separate and will be returned in the correct order.	NEXUS investigated the concern and ensured the caller that triple lift compliance measures are being properly employed and inspected in this area.
Dustin Schimmoeller	6/9/18	172.6	OH-WO-058.0000	The caller was concerned about a broken drain tile and dewatering efforts causing impacts to his field.	NEXUS spoke with the caller and confirmed that a crew had mobilized to the location to make the drain tile repair.
Herbert Ward	6/9/18	39	OH-SU-061.0000	The caller was concerned about the dust being caused by construction vehicles.	NEXUS spoke with the caller about the measures the contractor employs to mitigate dust. NEXUS will continue to monitor this area and comply with the project's Fugitive Dust Plan.
Michael Young	6/9/18	38.6	OH-SU-057.0000	Caller is concerned that erosion control devices are installed outside of the	NEXUS is adhering to the Erosion and Sedimentation Control Plan by installing energy dissipating

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				construction workspace limits.	devices at the ends of waterbars.
Earl Bell	6/9/18	44	OH-SU-135.0100	The landowner is concerned that the bridge built a few months ago by the contractors to protect the wetland area is too low and is blocking the natural water flow during heavy rain fall.	The contractor rebuilt the bridge on June 9 in order to alleviate the caller's concern and ensure unimpeded flow during heavy rainfall events.
Richard C. Scranton	6/10/18	65.6	OH-ME-073.0000 OH-ME-074.0000	The landowner is concerned about standing water on his property.	NEXUS has a meeting set up with the landowner's attorney to discuss the concern.
Toby Miller	6/11/18	185.3	NA	The caller would like his well water tested.	NEXUS tested the caller's water well on June 14, 2018.
Jeff Crisenbery	6/11/18	NA	NA	The caller works for the health department and received a call from a resident concerned about fluid observed after drilling operations were underway.	NEXUS spoke with the caller and let him know the material was bentonite clay and is generally used in boring operations on pipeline projects. The caller said he would relay the information to the concerned resident.
Jim Cajka	6/11/18	168.6	OH-WO-029.0000	The caller is concerned about the location of the cathodic protection devices in relation to his field.	NEXUS has attempted to located cathodic protection devices outside of agricultural fields whenever possible.
Tom Miller	6/11/18	72.2	OH-ME-083.3400	The landowner is concerned with his property flooding. Water has cut through a spoil pile and entered his property.	NEXUS spoke with the landowner and received consent to go onto his property and dewater the area. The landowner was satisfied with the results.
Chris Bauer	6/11/18	111	OH-ER-037.0000 OH-ER-038.0000	The caller hit a safety mechanism in the construction workspace with his workspace. Caller would like to be compensated for the damages.	NEXUS has asked for a damage estimate from the caller.
Michael Young	6/11/18	38.6	OH-SU-057.0000	The caller would like compensation for erosion control devices extending beyond the construction workspace.	NEXUS is adhering to the Erosion and Sedimentation Control Plan by installing energy dissipating devices at the ends of waterbars.
Central Land Consulting, LLC	6/11/18	14.9	OH-ST-023.0000	Central Land Consulting, LLC filed a complaint on the FERC docket. The complaint stated that NEXUS was not properly	NEXUS is adhering to the conditions of the easement agreement and the Erosion and Sedimentation Control Plan. Inspections of the area by NEXUS

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				following dewatering best management practices.	showed no signs of erosion or sediment deposition outside of the easement.
Central Land Consulting, LLC	6/11/18	16.0	OH-ST-029.0000	Central Land Consulting, LLC filed a complaint on the FERC docket. The complaint stated that NEXUS was not properly following dewatering best management practices.	NEXUS is adhering to the conditions of the easement agreement and the Erosion and Sedimentation Control Plan. Inspections of the area by NEXUS showed no signs of erosion or sediment deposition outside of the easement.
Central Land Consulting, LLC	6/11/18	28.3	OH-ST-112.0000	Central Land Consulting, LLC filed a complaint on the FERC docket. The complaint stated that NEXUS was not properly following dewatering best management practices.	NEXUS is adhering to the conditions of the easement agreement and the Erosion and Sedimentation Control Plan. Inspections of the area by NEXUS showed no signs of erosion or sediment deposition outside of the easement.
Larry Rosenberger	6/11/18	8.4	OH-CO-078.0000	Landowner contacted the Ohio Environmental Protection Agency (EPA) and voiced concerns related to release of drilling fluids, hazardous materials in drilling fluids, and release of sediment.	NEXUS environmental personnel inspected the location on 6/11/18 and the Ohio EPA inspected the project on 6/13/18 to investigate the landowner's complaints. The Ohio EPA communicated to NEXUS that they did not find any issues or concerns related to drilling fluid release, hazardous materials, or release of sediment.
Dick Bowser	6/11/18	N/A	N/A	Caller contacted Ohio EPA to report that NEXUS was discharging contamination into a stream near County Road EF.	NEXUS environmental personnel inspected the location on 6/11/18 and the Ohio EPA inspected the location on 6/12/18. The inspections did not find any indication of a release of contaminates or sediment from the NEXUS project.
Kipton Quarry	6/12/18	100	OH-LO-119.0000	Caller is concerned about track out in his driveway and business access. His driveway is shared with NEXUS.	NEXUS returned his call and then contacted the construction contractor to mitigate the issue. The caller was satisfied with the actions taken.
David M. & Jo D. Unkefer	6/12/18	6.75	OH-CO-059.0100-AB-1	Caller is concerned about NEXUS dewatering activities that were occurring.	NEXUS sent an Environmental Inspector and land agent to the location to investigate the landowner's concerns. The dewatering activities were discontinued. Additional best management practices were installed in order to alleviate the landowner's concerns.

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Michael Loeffler	6/12/18	204.5	OH-FU-069.0000	The caller was concerned whether NEXUS has undertaken activities outside of the construction workspace.	Upon investigation of the area, it appears that some sediment had migrated outside of the construction workspace during wet working conditions. The contractor used hand tools to return the sediment to the workspace.
Patrick Wendling	6/13/18	83.8	OH-LO-020.0000	Landowner contacted the Ohio EPA and had concerns that NEXUS was releasing oil into his pond.	NEXUS investigated the landowner complaint. NEXUS does not have any indications that hydrocarbons were released in this area of the project. The investigation also found that the pond has topographically upgradient of the NEXUS right-of-way.
Ray Szabo	6/13/18	203.4	OH-FU-063.0000	The caller is concerned that the grading crews have not removed a sufficient amount of topsoil from his property.	NEXUS' Agricultural Inspector utilized a soil probe to assess the location and amount of topsoil that was removed during grading activities. NEXUS will review the results of the soil probe activity with the landowner to determine if the landowner agrees that the appropriate amount of topsoil has been removed by the contractor and that the landowner's concerns have been adequately addressed.
Robert Reed	6/13/18		OH-SA-140.0000	Caller was concerned with crop damage and drain tile damage occurring on his property due to NEXUS' dewatering efforts.	NEXUS spoke with the caller about the projects regulations allowing dewatering to occur on the right of way and the necessity for it to occur in this particular location. NEXUS told the caller that compensation will be provided for any drain tile or crop damage which occurs during dewatering efforts.
Ronald Snyder	6/13/18	171.5	OH-SA-122.0002	Caller is concerned with road damage due to construction traffic with heavy loads.	NEXUS spoke with the caller about the presence of cold patch asphalt until the project reaches the restoration phase and at that point a permanent repair will be made to the road.
Brian Petkovfek	6/13/18	101.5	OH-LO-128.0000	Caller concerned about his damaged septic system.	NEXUS inspected the septic system and is working with the caller on a corrective action to alleviate their concerns.
Don Daniels	6/14/18	107	OH-ER-007.0000	The caller is concerned with topsoil removal on his property.	NEXUS spoke with the caller in depth about topsoil removal, ditching, and restoration efforts.

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					The caller was satisfied with the explanation.
Renee Walker	6/14/18	193.5	OH-FU-010.0000	Caller concerned with a tipped over port-a-potty on her property. Caller also concerned about the materials used during boring under the roadway.	Upon investigation it was determined that the port-a-potty had recently been cleaned. The contractor returned the port-a-potty to an upright position. NEXUS confirmed with the contractor and communicated to the landowner that no materials other bentonite clay are used for the road bores.
Doug Riggle	6/14/18	41.5	OH-SU-092.0007	The caller is concerned with the rough replacement of a telephone pole. The area can't be mowed around with ease like it previously was. Caller would like the area smoothed out.	Upon investigation this issue is not related to NEXUS construction and is likely the responsibility of the local power company. NEXUS will reach out to the company and request that they address this landowner's concern.
Sherwin and Judy Alberts	6/14/18	46	OH-SU-157.0000	The caller is concerned that her invisible dog fence wire was cut.	NEXUS will investigate the matter and make the necessary repairs.
Perry and Donna Stone	6/14/18	46.5	OH-SU-160.0000	The caller is concerned about mud on her driveway related to NEXUS construction and would like additional stone added to it to mitigate the issue.	NEXUS will investigate the matter and make the necessary repairs.
Peggy Yonkif	6/15/18	64	NA	The caller is concerned with flooding due to her neighbor's flooded yard.	NEXUS is in the process of coordinating with the landowner and assessing the situation to determine the source of the caller's concern.
Daniel Schimmoeller	6/15/18	172.6	OH-WO-072.0000 OH-WO-073.0000	The caller is concerned about damaged drain tile and drainage on his property. Currently his field is draining into the pipeline ditch so it is not an issue.	NEXUS spoke with the caller regarding the requirements associated with drain tile mitigation and repairs.
Renee Walker	6/15/18	193.5	OH-010.0000	The caller is concerned about trash and debris on the right of way not being properly removed.	NEXUS has scheduled a meeting with the landowner and has been stressing the importance of housekeeping with the construction contractor.

G) CORRESPONDENCE RECEIVED FOR NON-COMPLIANCE AND RESPONSE:

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- On June 14, 2018, NEXUS received a Notice of Violation of the Sewer Use Ordinance from the Ypsilanti Community Utilities Authority (YCUA) for an exceedance of Total Mercury in a sample collected during a Self-Monitoring event on April 19, 2018. The Total Mercury exceedance had previously been communicated to YCUA by NEXUS during discharge monitoring reporting. NEXUS has an Industrial Pretreatment Program discharge permit for dewatering activities associated with the McKean Road bore crossing. Additional re-sampling was conducted on April 26, 2018 and the results confirmed that the dewatering returned to compliance with the permit parameters. The cause of the elevated Mercury concentration is not certain, but it appears to an anomalous spike in the local groundwater. All prior sampling events have shown no Mercury detections and all on-site operations have remained the same throughout the duration of the project. Dewatering activities at this location ceased on May 21, 2018. No additional Total Mercury exceedances have occurred. No additional dewatering will occur at this location. No fines or penalties were issued for the Notice of Violation.

H) NSA NOISE MEASUREMENTS AND MITIGATION FOR HDDS:

- In compliance with Environmental Condition 35 of NEXUS' Certificate, Hoover and Keith, Inc. (H&K) performed sound level surveys at the closest Noise Sensitive Areas (NSAs) to the Maumee River, MP 8 Wetland and the West Branch Black River HDDs this week. Readings at the Maumee River and MP 8 Wetland were taken due to the addition of a second drilling rig at each location for the pilot hole intersect activities.

HDD	Entry or Exit Side	Distance & Direction of Closest NSA	Meas'd Avg. Sound Level (dBA)	Resulting Ldn ⁽¹⁾ (dBA)	FERC Condition Ldn (dBA)
MP 8 Wetland (Ohio)	Exit	NSA #1 (residence) located 2165 ft. ESE of HDD exit site.	40.2	38.2	55
	Exit	NSA #3 (residence) located 2220 ft. NNE of HDD exit site.	37.7	35.7	55
Maumee River (Ohio)	Exit	NSA #1 (residence) located 1310 ft. S of HDD exit site.	47.7	45.7	55
	Exit	NSA #3 (residence) located 1319 ft. NE of HDD exit site.	45.8	43.8	55
West Branch Black River (Ohio)	Entry	NSA #1 (residence) located 740 ft. NW of the HDD entry site.	48.4	46.4	55
	Exit	NSA #2 (residence) located 370 ft. SE of the HDD entry site.	42.8	40.8	55

⁽¹⁾ Resulting Ldn is approximate 2 dB lower than measured average A-wt. sound level since HDD activities occur only during daytime hours (i.e., no nighttime HDD activities).

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I) OTHER:

- None

J) HORIZONTAL DIRECTIONAL DRILL PROGRESS SUMMARY:

NEXUS Gas Transmission, LLC, has engaged J.D. Hair & Associates, Inc. (JDH&A) to provide construction monitoring services relative to the pipeline crossings on the NEXUS Pipeline Project that are being installed by Horizontal Directional Drill (HDD). The goal of JDH&A’s construction monitoring efforts is to provide quality assurance with respect to HDD construction operations by monitoring contractor conformance with applicable drawings, specifications, and drill plans.

The table below provides a brief daily summary of HDD activities on the NEXUS Project for the reporting period of June 9, 2018 to June 16, 2018.

HDD Crossing	Construction Stage	Summary Comments
MP 8 Wetland (Ohio)	Pilot Hole 95% Complete	Michels Directional Crossings (Michels) continued drilling from the west side of the crossing with the goal of intersecting the east pilot hole. As mentioned in previous reports, the purpose of the intersect is to reduce the potential for the occurrence of an inadvertent surface return. A drilled intersect exceeds the measures described in Section 4.4 of the HDD Monitoring and Inadvertent Return Contingency Plan (HMIRCP). Although drilling fluid returns were restored at the end of the shift of Friday, June 8th, returns were again lost early in the shift on Saturday. Per the monitoring protocol, Michels immediately stopped drilling and searched the ROW for signs of inadvertent drilling fluid returns. No inadvertent returns to the surface were found. In an attempt to regain circulation, the bottom hole assembly was tripped back to the surface, to flush cuttings and clean the hole. With circulation lost, Michels is conducting continuous ROW monitoring, with workers stationed on each side of the wetland. They are also conducting inspection via aerial drone over the wetland. Michels monitoring efforts conform to Section 5.0 of the HMIRCP. After tripping back to the hole face, returns to the west containment pit were again lost. Having attempted numerous measures to restore circulation with no success, the conclusion is drawn that the formation is not conducive to annular flow. While drilling without circulation, workers are stationed on each side of the wetland on a fulltime basis searching for inadvertent drilling fluid returns. Routine inspection in the area of the wetland not accessible by foot is being conducted via aerial drone. Operational measures being taken to reduce the risk of drilling fluid impact include shutting down for 30-minutes after each joint is drilled to let formation pressure subside. By the end of the week, the west pilot hole had reached the general area where the intersect should occur but had not yet drilled into the east pilot hole. No inadvertent drilling fluid returns were observed.
Tuscarawas River (Ohio)	34-inch Forward Ream 66% Complete	Michels continued the 34-inch forward ream bringing the pass to 66% completion by the end of the reporting period. Full drilling fluid returns to the containment pit at the entry point were maintained throughout the week. JDH&A observed Michels swabbing the reamed hole after each reamed joint to flush out cuttings, which is a good drilling practice and is consistent with the measures described in Section 4.4 of the HMIRCP. The ROW was monitored throughout the week in conformance with Condition 1 of Section 5.1.1 for full drilling fluid circulation.
Huron River (Ohio)	Complete	Installation completed on June 1, 2018.
E. Branch Black River (Ohio)	Complete	Installation completed on June 6, 2018

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W. Branch Black River	48-inch Forward Ream 40% Complete	Michels completed the pilot hole on June 11, 2018. No inadvertent drilling fluid returns occurred during the pilot hole. When drilling fluid returns were lost, JDH&A observed Michels using measures such as tripping back to swab the hole, which are consistent with Section 4.4. of the HMIRCP. When drilling fluid circulation was lost as the pilot bit approached the exit point, where cover is shallow, Michels reduced pump pressure to the minimum necessary (charge pump), which is also a good drilling practice to prevent inadvertent drilling fluid returns. After the pilot hole, a 48-inch forward reaming pass was initiated on June 12, 2018. Michels continues to use only approved drilling fluid products for the project. JDH&A observed drilling fluid returns at the entry point throughout reaming operations during the reporting period. Michels tested and adjusted drilling fluid properties routinely throughout the week. By the end of the reporting period, Michel reamed 667 feet with the 48-inch reamer.
Vermilion River (Ohio)	48-inch Forward Ream 100% Complete	Michels continued reaming this week, completing the 48-inch pass on June 13, 2018. With the exception of a few instances where drilling fluid returns were briefly lost, JDH&A observed good drilling fluid returns throughout the week as well as Michels following the ROW monitoring requirements of Section 5 of the HMIRCP. No inadvertent drilling fluid returns occurred during the 48-inch pass. After the 48-inch pass was complete, Michels started pulling the same 48-inch reamer back through the hole towards the east side, which will serve as a swab pass. Pipe pullback will occur during the next reporting period.
Sandusky River (Ohio)	34-inch Pull Ream 66% Complete	Michels was able to successfully retrieve the 34-inch hole opener and broken drill pipe reported in the previous week's construction status report. On June 14 th , Michels resumed the 34-inch pass, this time conducting a pull ream. JDH&A observed Michels/NEXUS routinely monitoring the ROW while conducting the 34-inch ream, satisfying the requirements of Section 5.0 of the HMIRCP. By the end of the shift on June 15, the 34-inch ream had been 1,799 feet, bringing the pass to 66% completion.
Portage River (Ohio)	36-inch Forward Ream 77% Complete	A second HDD rig was mobilized to the exit side this week in order to recover the 36-inch hole opener and broken drill pipe reported in the previous week's construction status report. On June 13, the hole opener and drill pipe were recovered and Michels tripped back in to the hole from the entry side to resume reaming operations. After reaming resumed, JDH&A observed Michels sizing the reamed hole frequently to promote drilling fluid circulation, which complies with best management practices identified in Section 4.4 of the HMIRCP. JDH&A also observed good drilling fluid returns at the entry point.
Interstate 80 (Ohio)	Pilot Hole 13% Complete	Michels started the pilot hole for the Interstate 80 crossing on June 15, 2018. Michels is using only drilling fluid products approved for use on the NEXUS Project. JDH&A observed good drilling fluid returns to the entry point throughout the shift. JDH&A also observed Michels testing drilling fluid routinely throughout the shift in order to make sure drilling fluid rheology is optimum for maintaining drilling fluid flow and removing cuttings. By the end of the shift, Michels drilled 181 feet with no inadvertent drilling fluid returns to the ground surface.
Maumee River (Ohio)	Pilot Hole 100% Complete	The pilot hole intersection was successfully completed on June 13th. As previously mentioned, the purpose of the intersect is to reduce the potential occurrence of an inadvertent surface return. A drilled intersect exceeds the measures described in Section 4.4 of the HDD Monitoring and Inadvertent Return Contingency Plan (HMIRCP). With extreme diligence, Michels maintained drilling fluid circulation throughout the majority of the intersect process. Anytime drilling fluid returns were lost, Michels would stop operations and search the ROW for signs of inadvertent drilling fluid returns. They would then trip the bottom hole assembly back toward the rig to flush cuttings until circulation was restored. Good practices such as these meet the requirements of Section 4.4 of the HMIRCP. By the end of the reporting period, Michels was in the process of pulling casing on the entry side so that the first reaming pass could begin.
North Beyer Drain (Michigan)	Pilot Hole 83% Complete	Pilot hole operations for the North Beyer Drain crossing started around noon on June 15th. Michels was able to drill 735 feet by the end of the shift. Michels routinely tested drilling fluid properties throughout the shift to keep drilling fluid rheology at appropriate levels to reduce the risk of inadvertent drilling fluid returns. By the end of the shift, there were approximately 4 joints remaining to be drilled for the pilot hole before exiting. No inadvertent drilling fluid returns to the surface occurred.
Hydro Park (Michigan)	Complete	Installation Completed on January 18, 2018.
Interstate 94 (Michigan)	Complete	Installation completed on February 8, 2018

WEEKLY CONSTRUCTION STATUS REPORT
NEXUS Gas Transmission, LLC

Project: NEXUS Project (CP16-22-000)

Reporting Period: June 9, 2018 to June 15, 2018

Highway 12 (Michigan)	Complete	Installation completed on February 16, 2018
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