

NEXUS GAS TRANSMISSION, LLC

5400 Westheimer Court

Houston, TX 77056



July 17, 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”).<sup>1</sup> 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 July 7, 2018 through July 13, 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)

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

# WEEKLY CONSTRUCTION STATUS REPORT

## NEXUS Gas Transmission, LLC

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### **A) UPDATE ON FEDERAL AUTHORIZATIONS:**

- No updates on Federal Authorizations occurred during the reporting period of July 7, 2018 to July 13, 2018.

### **B) SUMMARY OF CURRENT AND UPCOMING CONSTRUCTION:**

#### **CURRENT CONSTRUCTION ACTIVITIES:**

- Construction contractors working on the NEXUS Project continued maintaining environmental best management practices and continued cleanup and restoration activities on all construction spreads. Cleanup and restoration activities began in mid-June. Cleanup and restoration could not begin prior to that time due to frequent heavy rains in April and May. The resulting saturation of the subsoil and topsoil made it unfeasible to properly decompact the subsoil, prevent the mixing of subsoil and topsoil, achieve an adequate final grade and prepare a suitable seeding surface. 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.

#### **Spread 1**

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

#### **Spread 1 Construction Progress:**

<b>Activity</b>	<b>Percent Complete</b>
Tree Cutting	100%
Tree Clearing	100%
Grade	100%
Stringing	100%
Bending	99%
Welding	90%
Coating	74%

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Trenching	65%
Lowering-in	55%
Backfill	11%
Tie-In	11%
Cleanup	4%
Restoration	4%

### Spread 2

- Log removal and chipping of the previously felled trees was completed this week. Grading, pipe stringing, bending, welding, coating, trenching, lowering-in, backfill, tie-in, clean-up, restoration and road bore installations continue.
- Horizontal Directional Drilling (HDD) activities continued at the I-80 crossings. 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	100%
Grade	96%
Stringing	86%
Bending	86%
Welding	83%
Coating	80%
Trenching	71%
Lowering-in	67%
Backfill	67%
Tie-In	22%
Cleanup	7%
Restoration	7%

### Spread 3

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

#### **Spread 3 Construction Progress:**

Activity	Percent Complete
Tree Cutting	100%

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Tree Clearing	100%
Grade	100%
Stringing	100%
Bending	100%
Welding	97%
Coating	89%
Trenching	86%
Lowering-in	79%
Backfill	73%
Tie-In	16%
Cleanup	13%
Restoration	13%

### Spread 4

- Grading, stringing, bending, coating, welding, tie-in, road bore, lowering-in, backfill, cleanup and restoration activities continued this week.
- Horizontal Directional Drilling (HDD) activities drilling activities occurred at the River Raisin crossings. Set up activities occurred at the Saline River crossing. 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	100%
Stringing	100%
Bending	100%
Welding	100%
Coating	86%
Trenching	69%
Lowering-in	57%
Backfill	51%
Tie-In	14%
Cleanup	21%
Restoration	21%

### Compressor Stations

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

Compressor Station – Construction Progress Percentage Complete			
Activity	Hanoverton	Wadsworth	Clyde

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Site Work	63%	67%	61%
Foundations	99%	96%	87%
Equipment and Structures	80%	58%	72%
Fabrication and Install	84%	60%	69%
Electrical	53%	44%	48%
Instrumentation	0%	10%	47%
Painting, Coating and Insulation	14%	46%	43%

### Metering and Regulation Sites

- Grading, foundation work, structural, electrical and piping work continued at the metering and regulation sites.

Metering and Regulation Sites – Construction Progress Percentage Complete						
Activity	MR01	MR02	MR03	MR04	MR05	MR06
Site Work	95%	95%	95%	17%	50%	41%
Foundations	100%	100%	100%	90%	92%	90%
Equipment and Structures	100%	100%	100%	67%	77%	51%
Fabrication and Install	100%	100%	100%	76%	84%	24%
Electrical	99%	98%	98%	62%	65%	16%
Instrumentation	100%	100%	100%	77%	80%	65%
Painting, Coating and Insulation	82%	98%	95%	19%	19%	16%

### **WORK PLANNED FOR THE NEXT REPORTING PERIOD:**

#### Spread 1

- Bending, welding, coating, trenching, lowering-in, backfill, tie-ins, clean-up, restoration and road bore installations will occur.
- HDD activities will continue at the Nimisila Reservoir and milepost 8 crossings.
- Environmental and safety training will continue to occur.

#### Spread 2

- 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.
- Environmental and safety training will continue to occur.

#### Spread 3

- Rock access pad maintenance and environmental best management practices maintenance activities will continue.
- Welding, coating, trenching, lowering-in, backfill, tie-ins, cleanup and restoration will

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continue to occur.

- Road bore installations will occur.
- HDD activities will occur at the Findlay Road and Maumee River crossings.
- Environmental and safety training will continue to occur.

### Spread 4

- Environmental best management practices maintenance, bore installation, welding, 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 the River Raisin crossing.
- HDD activities will commence at the Saline River crossing.

### 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 at all metering and regulation sites.

### **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 an Environmental Inspector on July 10, 2018 on Spread 4 for placement of soils outside the limits of the construction workspace. The lowering-in crew was removing some saturated soils from the trench. The saturated soils were placed on top of the existing subsoil pile. A portion of the soil migrated outside of the construction workspace for a distance of 5 to 20 feet. This occurred for a distance of approximately 1400 feet in length. Corrective actions are discussed below.

### **D) CORRECTIVE ACTIONS IMPLEMENTED:**

- The contractor was required to utilize hand tools to return all soil back to the limits of the construction workspace. The lowering-in crew was also re-trained on the environmental compliance requirements of the project.

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**E) EFFECTIVENESS OF CORRECTIVE ACTIONS IMPLEMENTED:**

- The environmental retraining has been effective in preventing additional instances of placement of soil outside of the construction workspace.

**F) LANDOWNER/RESIDENT COMPLAINTS:**

- Twenty one landowner complaints were received during the reporting period of July 7, 2018 to July 13, 2018. These complaints are detailed in the Landowner Complaint Tracking Table below:

<b>Landowner / Resident Complaint Tracking Table</b>					
Name of Caller	Date of Call or Conversation	Mile post	Landowner Tract Number	Description of Problem / Concern	Description of Resolution of Problem / Concern
Joshua Petroc	7/7/18	57.2	OH-WA-057.0301 & OH-WA-057.0302	Caller would like the stumps removed on his property.	NEXUS spoke with the caller and inspected the stumps on his property. The stumps were located outside of the construction workspace and were not removed by NEXUS. It was suggested that the county might have removed these trees, for safety reasons, due to nearby power lines.
Jim Miller	7/7/18	60.5	OH-ME-032.0001	The caller has concerns that NEXUS has caused a significant increase in dandelions to grow in his yard.	NEXUS spoke with the caller and is working on a resolution.
Amy Haddad	7/7/18	242.7	MI-WA-030.0001	The caller is concerned with a noise she is hearing near the pipeline.	NEXUS spoke with the caller about the natural heating and cooling variations throughout the day causing the pipe to expand and contract which can cause a sound. The remaining stages and completion of pipeline construction was discussed so the caller has an idea of how much longer she could hear this noise.
Dave Jacobs	7/7/18	34.5	NA	The caller is concerned because his well has run dry.	NEXUS spoke with the caller and stopped the dewatering activity that was occurring nearby the well location. The water pressure and water quality were normal according to the caller.
Mr. and Mrs. Kroupa	7/7/18	33.9	OH-ST-177.0000	The caller is concerned due to their pond's water level rising rapidly and then falling 8 inches overnight.	NEXUS spoke with the caller and the contractor is dewatering ground water into their pond to bring the water level back to normal.
Paul and	7/7/18	12.8	OH-ST-	Central Lands Consulting	NEXUS' contractor is adhering to

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Jennifer Wallace			001.0000	filed a complaint on behalf of landowner regarding placement of waterbar outlet energy dissipating devices.	the requirements of the project's Erosion and Sedimentation Control Plan for installation of waterbars and energy dissipating devices.
LM Weigel, LLC	7/7/18	80.6	OH-ME-203.0000	Central Lands Consulting filed a complaint on behalf of landowner regarding erosion control concerns.	NEXUS' Environmental Inspector identified the erosion control device maintenance needs during a storm water inspection following a rain event. The contractor was notified of the needed repair and the erosion control device was repaired within the required 24 hour timeframe.
Marlene Lindeman	7/7/18	51.5	OH-WA-008.0000	Central Lands Consulting filed a complaint on behalf of landowner regarding erosion control concerns.	NEXUS' Environmental Inspector identified the erosion control device maintenance needs during a storm water inspection following a rain event. The contractor was notified of the needed repair and the erosion control device was repaired within the required 24 hour timeframe.
Valerie Wolford	7/9/18	NA	NA	The caller works for the City of Green and received a complaint from a resident that a red bus was blocking their driveway entry and the flaggers were rude.	NEXUS sent personnel to investigate but could not identify any issues. NEXUS will discuss the concerns with the contractor and flagging company. This information was reported back to the City of Green.
Rick and Loretta Hartman	7/9/18	179.0	OH-FU-004.0000	The caller witnessed a NEXUS truck, carrying pipe, knock out a corner post.	NEXUS is working with the landowner to determine compensation.
Mark and Mike Loeffler	7/9/18	204.7	OH-FU-069.0000	Mr. Loeffler showed a NEXUS agent where the contractor's backfilling efforts resulted in dirt clods rolling outside of the construction workspace and into his soybean field at two locations.	NEXUS provided compensation for the impacted soy bean field.
Michelle Scott	7/10/18	34.5	NA	The caller is concerned about her water quality.	NEXUS spoke with the caller and met with her to discuss her water quality concerns. Upon further inspection it was discovered that NEXUS' construction activities were 200 feet away from the property, however, compensation was provided to the caller for a

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					new water filter and some bottled water until additional analysis on the well could be done. Consultant Pugh Drilling viewed the NEXUS dewatering activities on 7-14-18 and stated that activities could potentially be related to the well issues but could not be confirmed. The consultant also stated that the landowner's water softener system is over 20 years old and that it is not functioning properly therefore recommended a replacement.
Ruby Newcomer	7/10/18	64	OH-ME-058.0000 OH-ME-059.0000	The caller was concerned about the inconvenience of lights shining out of the compressor station.	NEXUS spoke with the caller and had the lights repositioned.
Conner Harold	7/11/18	NA	NA	The caller stated he was concerned with the speed of a NEXUS contractor vehicle. The caller was not sure which road he witnessed this occurrence nor the make of the vehicle.	NEXUS spoke with the caller and let him know that they would speak with the contractor about following speed limits.
Keith Edwards	7/11/18	129	OH-ER-154.0000	The landowner attempted to enter the right of way after working hours. The security guard would not permit this entry. Security guard was unaware that this individual was the property owner and asked for credentials.	NEXUS spoke with the landowner and informed him that he should not enter the right of way without NEXUS personnel during working hours due to safety concerns.
Norman First	7/11/18	42.5	OH-SU-107.0010	The caller is concerned with the bristles, which are falling off of the sweeper truck and onto the surface of the road.	NEXUS spoke with the caller and then spoke with the contractor. The sweeper trucks will change out the bristles more frequently and use additional water while sweeping in an effort to prevent this from re-occurring.
Michelle Otey	7/12/18	42.6	OH-SU-110.0000	The caller is concerned with the bristles, which are falling off of the sweeper truck and littering the road.	NEXUS spoke with the caller and then spoke with the contractor. The sweeper trucks will change out the bristles more frequently and use additional water while sweeping in an effort to prevent this from re-occurring.
William Vilalta	7/13/18	182.0	OH-WO-136.0001	The caller would like his property mowed, near the	NEXUS is discussing the concerns with the landowner. NEXUS is

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				pipeline location, because his family has allergies.	only able to conduct activities within the Certificated workspace.
Dave Eigel	7/13/18	NA	NA	The caller is concerned with the project dewatering efforts damaging his crops.	NEXUS spoke with the caller, discussed crop damage compensation that will be provided, and explained the dewatering system.
Bob Yeardley	7/13/18	79.0	NA	The caller is concerned with his sprinkler system malfunctioning.	NEXUS inspected the situation and found that the issue was not related to NEXUS.
Lucy Hamilton	7/13/18	84.5	NA	The caller is concerned with the beeping noise coming from the refueling trucks early in the morning.	NEXUS spoke with the caller and informed her that the contractor would be spoken to about changing the refueling operation to an evening hour.

### G) CORRESPONDENCE RECEIVED FOR NON-COMPLIANCE AND RESPONSE:

- None. No correspondence for non-compliance was received by NEXUS from any federal, state, or local permitting agencies during the reporting period of July 7, 2018 to July 13, 2018.

### H) NSA NOISE MEASUREMENTS AND MITIGATION FOR HDDS:

- In accordance 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 Nimisila Reservoir HDD on July 3, 2018. Sound level surveys were also performed at the Findlay Road HDD on July 9, 2018. H&K concluded that the resulting sound levels during HDD activities at these two locations do not exceed the noise limits at nearby NSAs and no additional noise mitigation is required.

HDD	Entry or Exit Side	Distance & Direction of Closest NSA	Meas'd Avg. Sound Level (dBA)	Resulting Ldn <sup>(1)</sup> (dBA)	FERC Condition Ldn (dBA)
Nimisila Reservoir (Ohio)	Exit	NSA #1 (residence) located 450 feet east of HDD exit site.	47.8	45.8	55
	Entry	NSA #2 (residence) located 758 feet east of HDD entry site.	48.1	46.1	55
Findlay Road (Ohio)	Exit	NSA #1 (residence) located 360 ft. SW of the HDD exit site.	49.4	47.4	55
	Entry	NSA #2 (residences) located 970 ft. east of the HDD entry site.	45.9	43.9	55

<sup>(1)</sup> 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 July 7, 2018 to July 13, 2018.

HDD Crossing	Construction Stage	Summary Comments
MP 8 Wetland (Ohio)	48-inch Reaming Pass (73% Complete)	Michels initiated the 48-inch reaming pass on Saturday, July 7 <sup>th</sup> . Good progress was made in the softer material; however, full circulation was unable to be maintained during drilling. The HDD inspector used a drone to routinely inspect the alignment but did not find any signs of surficial fluid. Additionally, as stated in last week’s report, Michels has a worker stationed full time on the ROW to detect inadvertent drilling fluid returns should they occur. Both of these are in compliance with Section 5 of the HDD Monitoring and Inadvertent Return Contingency Plan (HMIRCP). On Monday, July 9, Michels did find an inadvertent return outside the alignment where terrestrial observations are normally conducted. The release occurred near the intersection of Knox School Road and the access road to the exit site. The crew shut down drilling operations and contained and cleaned the inadvertent return (after receiving a FERC variance). All parties, including the landowners and environmental inspectors, were notified of the inadvertent return. The Ohio EPA spill hotline was notified of the inadvertent return. Eventually, the reamer was tripped out to condition the bore and flush out cuttings as suggested in the HMIRCP. Once the reamer was tripped out, it was tripped back to the cutting face where reaming continued. No returns were seen during this time. As reaming progressed, another area that appeared to be affected by drilling fluid was observed. Upon further investigation, however, the fluid was dried and appeared to be several days old. FERC and the Ohio EPA were notified and inspected the area. A variance was approved to place containment around the inadvertent return. A variance is being prepared to access the location for cleanup purposes. When penetration rates steadily decreased later on Thursday, Michels deemed it necessary to trip out and revisit other options. The crew ultimately switched to forward reaming operations. Although this helped with downhole progress on the 48-inch pass, fluid returns were not observable at either site. Michels continues to monitor the alignment with personnel and drone checks.
Tuscarawas River (Ohio)	Complete	Installation completed on July 11, 2018.

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Nimisila Reservoir (Ohio)	48-inch Reaming Pass (65% Complete)	Michels lost circulation on July 7th and decided to trip the reamer out, a standard practice in the industry and a remedy listed in the HMIRCP for lost circulation. Once circulation had been reestablished, the reamer was tripped to the cutting face where the driller was able to ream two more joints before losing circulation again. Michels began tripping the reamer all the way out and planned to bring in either an exit side rig or a mud system and conduct back reaming operations. On Monday, July 9th, the crew prepared the exit site for the delivery of a mud system and prepared the equipment for back reaming operations. An additional rig was not brought in to the exit side in order to ensure that noise levels remained in compliance. After taking two days off from drilling at this site to help with pullback operations on the Tuscarawas River Crossing, Michels returned to the site and took Thursday to finish setting up all necessary equipment on the exit side before restarting the 48-inch back ream on Friday. The crew was able to ream 377 feet before shutting down operations for the day. Full returns were observed throughout the entire day with no periods of decreased or lost circulation. Crew members walked the alignment throughout the day to abide by Section 5 of the HMIRCP and found no signs of surficial fluid.
Huron River (Ohio)	Complete	Installation completed on June 1, 2018.
E. Branch Black River (Ohio)	Complete	Installation completed on June 6, 2018.
W. Branch Black River (Ohio)	Complete	Installation completed on June 30, 2018.
Vermilion River (Ohio)	Complete	Installation completed on June 20, 2018.
Sandusky River (Ohio)	Complete	After completing the 48-inch reaming pass on July 7, Michels tripped the reamer from entry to exit as a final swab pass before pullback. The swab pass was completed on Monday and preparations for Thursday's pullback took place until Wednesday. The pullback was successful and installation was completed on Thursday, July 13, 2018.
Portage River (Ohio)	Complete	Installation completed on July 5, 2018.
Interstate 80 (Ohio)	Complete	Pipe pullback was successful and installation was completed on July 7, 2018.
Maumee River (Ohio)	50-inch Forward Ream (90% Complete)	Michels continued forward reaming with the 50-inch reamer, receiving full drilling fluid returns. Monday afternoon the 50-inch reamer had passed completely through the rock formation and into soft soil. Michels decided to pull the 50-inch reamer back to the entry in an effort to swab and clear excess cuttings from the bore. This practice is in conformance with section 4 of the HMIRCP. The reamer was slowly tripped back to the entry throughout the week at an average rate of 10 minutes per joint. A large volume of cuttings was removed from the bore in the process. The ROW was frequently monitored in accordance with section 5 of the HMIRCP. No inadvertent surface returns were observed throughout the week.
Findlay Road (Ohio)	48-inch Forward Ream (100% Complete)	Due to the clay cuttings balling up around the 48-inch reamer causing excess torque, Michels pulled a weeper sub jetting assembly through the bore to open up and clean the pilot hole before continuing forward with the reamer. This practice is in conformance with section 4 of the HMIRCP. Michels was notified that the exit side rig and power unit had failed Saturday's acoustic survey. Use of the rig and power unit was discontinued and will not be used for the remainder of the project. Michels attached a 36-inch reamer on the entry side and reamed forward 729 feet before circulation was lost due to blockages in the bore. A 48-inch reamer was attached and progressed 95 feet past the 36-inch cutting face. Michels again lost circulation due to blockages in the bore and tripped out the reamer. During periods of diminished drilling fluid returns, Michels followed protocol outlined in Section 5 of the HMIRCP. No inadvertent returns were observed. On Wednesday, Michels attached a 48-inch reamer with a different configuration of jets and continued the 48-inch forward reaming pass. The reamer moved forward with no issues and full drilling fluid returns were observed flowing into the entry side containment pit. The 48-inch pass was completed Friday evening, July 13, 2018.
Saline River (Michigan)	Rigging Up	Michels is working on setting up the HDD equipment.
River Raisin (Michigan)	Pilot Hole (34% Complete)	Michels began drilling of the pilot hole on Friday, July 13, 2018. Michels was able to achieved approximately 498 feet of progress throughout the day. It was observed that Michels is only utilizing drilling fluids (bentonite and water) approved for use on the NEXUS project.

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North Beyer Drain (Michigan)	Complete	Installation completed on June 22, 2018.
Hydro Park (Michigan)	Complete	Installation Completed on January 18, 2018.
Interstate 94 (Michigan)	Complete	Installation completed on February 8, 2018
Highway 12 (Michigan)	Complete	Installation completed on February 16, 2018