

NEXUS GAS TRANSMISSION, LLC

5400 Westheimer Court

Houston, TX 77056



June 13, 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 2, 2018 through June 8, 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 2, 2018 to June 8, 2018

A) UPDATE ON FEDERAL AUTHORIZATIONS:

- No updates on Federal Authorizations occurred during the reporting period of June 2, 2018 to June 8, 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.

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 and backfill 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	97%
Stringing	61%
Bending	56%
Welding	52%
Coating	27%
Trenching	21%
Lowering-in	1%

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Backfill	1%
Tie-In	0%
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, clean-up 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 crossing. HDD activities completed at the East Branch of the Black Fork 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	63%
Grade	63%
Stringing	54%
Bending	52%
Welding	47%
Coating	39%
Trenching	33%
Lowering-in	30%
Backfill	28%
Tie-In	3%
Cleanup	1%
Restoration	0%

Spread 3

- Erosion control device installation and maintenance, safety fence installation, and rock access pad maintenance continued to occur.
- Grading, pipe stringing, bending, welding, trenching, backfill 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	85%
Bending	77%
Welding	69%
Coating	56%
Trenching	42%
Lowering-in	36%
Backfill	33%
Tie-In	0%
Cleanup	0%
Restoration	0%

Spread 4

- Grading, tie-in, road bore, lowering-in, backfill and cleanup activities continued this week.

Spread 4 Construction Progress:

Activity	Percent Complete
Tree Cutting	100%
Tree Clearing	100%
Grade	83%
Stringing	24%
Bending	24%
Welding	24%
Coating	24%
Trenching	22%
Lowering-in	22%
Backfill	21%
Tie-In	14%
Cleanup	5%
Restoration	4%

Compressor Stations

- Grading, foundation work, structural, electrical and piping work continued at the

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Hanoverton, Wadsworth and Clyde compressor station sites.

Compressor Station – Construction Progress Percentage Complete			
Activity	Hanoverton	Wadsworth	Clyde
Site Work	63%	66%	61%
Foundations	99%	92%	81%
Equipment and Structures	66%	35%	54%
Fabrication and Install	64%	42%	57%
Electrical	17%	22%	23%
Instrumentation	0%	0%	11%
Painting, Coating and Insulation	10%	37%	20%

Metering and Regulation Sites

Metering and Regulation Sites – Construction Progress Percentage Complete						
Activity	MR01	MR02	MR03	MR04	MR05	MR06
Site Work	80%	60%	60%	17%	50%	41%
Foundations	100%	100%	100%	76%	85%	89%
Equipment and Structures	100%	100%	100%	46%	52%	31%
Fabrication and Install	92%	100%	100%	42%	30%	4%
Electrical	95%	86%	86%	55%	43%	0%
Instrumentation	100%	100%	100%	75%	70%	0%
Painting, Coating and Insulation	73%	83%	59%	1%	3%	0%

WORK PLANNED FOR THE NEXT REPORTING PERIOD:

Spread 1

- Topsoil segregation and grading activities will occur.
- 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 and tie-ins 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.

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- HDD activities will continue at the Vermillion River and the HDD activities will start at the West Branch Black River.

Spread 3

- Rock access pad maintenance, utility location and environmental best management practices installation and maintenance activities will continue.
- Pipe stringing, welding, coating, lowering-in, backfill and tie-ins will continue to occur.
- 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 and cleanup activities will occur.
- Environmental and safety training will continue to occur.
- HDD activities will start 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 3rd Party FERC Compliance Monitor issued a non-compliance report (NCR) on June 2, 2018 on Spread 3 for not routinely collecting debris that had accumulated on the right-of-way. The FERC Compliance Monitor had previously written a problem area for the debris being left on the surface of the right-of-way. The debris consisted mainly of several skid bands with a few other plastic and wood items. The Lead EI, 3rd Party Compliance Monitor and construction contractor had previously agreed that the debris

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would be collected and disposed of ahead of backfill. Backfill had not yet occurred, however, the 3rd Party Compliance Monitor had concerns that some of the debris had been tracked over and could potentially be backfilled. Corrective actions implemented are detailed in Section D of this report.

- A 3rd Party FERC Compliance Monitor issued a NCR on June 2, 2018 on Spread 1 when it was observed that subsoil was pushed up onto the edge of the topsoil pile for a distance of approximately 200 feet. The contractor was utilizing a dozer to smooth ruts on an access road into the Milepost 8 HDD site. Corrective actions implemented are detailed in Section D of this report.
- A NCR was issued by an Environmental Inspector on June 4, 2018 on Spread 1 for failure to properly install and maintain erosion control devices. The contractor installed waterbars on a slope in this area; however, previous inspections by the Environmental Inspectors showed that the waterbars were not functioning properly to divert water outside of the right-of-way. The outlet filters at the ends of the waterbars also were in need of maintenance. An intense rain storm occurred on June 3, 2018, which led to failure of the waterbars, outlets and installed perimeter erosion control devices. The failure of the perimeter erosion control devices and concentrated storm water flow led to erosion of the road side embankment. Corrective actions implemented are detailed in Section D of this report.

D) CORRECTIVE ACTIONS IMPLEMENTED:

- The contractor implemented corrective actions related to the NCR issued for debris being left on the right-of-way by immediately sending a crew out to remove the debris. All debris in this location was removed from the right-of-way on June 2, 2018. NEXUS' Environmental Inspection and Construction Management teams have stressed the importance of daily housekeeping with the contractor. The contractor has made a concentrated effort to remove debris on a daily basis and NEXUS will continue to monitor the housekeeping efforts to ensure that debris is not carried outside of the right-of-way by wind and that no debris is backfilled or buried.
- Upon notification of the issue, the contractor immediately sent equipment to the location where subsoil had been pushed onto the edge of the topsoil pile. The soils were able to be successfully segregated without mixing or loss of topsoil. The soils were properly segregated within one hour of the issue being raised. The equipment operator responsible for the pushing the subsoil onto the edge of the topsoil pile was required to go through an environment retraining.
- The contractor installed functional waterbars, repaired the outlet filters, fixed the road embankment erosion, installed erosion control blanket, installed several large sumps within the right-of-way, and reinforced the perimeter erosion control devices.

E) EFFECTIVENESS OF CORRECTIVE ACTIONS IMPLEMENTED:

- The implemented corrective actions by the contractor ensured that debris did not get backfilled in the trench. The contractor has also been observed to be making increased efforts to remove debris from the right-of-way more quickly to avoid the possibility of it being tracked over or covered in soil.

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- The contractor was able to successfully segregate the soils without mixing or loss of topsoil. The retraining of the operator has been successful in preventing a reoccurrence of mixing of topsoil with subsoil.
- The repaired waterbars, outlet filters and reinforced erosion control devices have been successful in preventing additional erosion from occurring in this area. The project received an intense rain storm of 3.1 inches of rain on June 10, 2018 and no issues were noted at this location during follow up storm water inspections.

F) LANDOWNER/RESIDENT COMPLAINTS:

- Fourteen landowner complaints were received during the reporting period of June 2, 2018 to June 8, 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
Mrs. Kroupa	6/2/18	34.0	OH-ST-177.0000	The caller is concerned that NEXUS dewatering is reducing the water level in their pond.	NEXUS investigated the concern as it relates to the well point dewatering system in the area. NEXUS has addressed the landowners concerns by diverting a portion of the dewatering to reenter the landowners pond to ensure the water level is not reduced.
Central Land Consulting, LLC	6/2/18	20.5	OH-ST-063.0000	Central Land Consulting, LLC filed a complaint on the FERC docket. The complaint alleges that NEXUS did not install a required landowner temporary crossing.	NEXUS confirmed that the landowner crossing had been installed. No soil piles or pipe have been placed across the landowner crossing. It was observed that silt fence had been installed across the landowner crossing to prevent erosion. The silt fence has been removed.
Toby Miller	6/2/18	NA	NA	The caller was concerned about the emissions from diesel trucks parked near his home. The caller was also concerned about traffic delays from equipment movement and dewatering best management practices. Landowner indicated that sediment has entered his water well.	NEXUS met with landowner to discuss his concerns. NEXUS utilized flaggers and does close the road to traffic for 8 to 15 minutes periodically when needed to off load equipment. NEXUS' contractor utilizes best management practices while dewatering excavations. NEXUS is setting up an appointment with the landowner to have a water testing consultant to test Mr. Miller's well to determine if there have been any impacts from

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					construction activities.
Daniel Miller	6/2/18	169.0	OH-WO-033.0000, OH-WO-034.0000 & OH-WO-035.0000	The caller was concerned that his property was not seeded.	The contractor went back to the landowner's tracts and re-seeded the topsoil piles with temporary seed. The contractor will apply mulch and permanent seed to the property once the trench has been backfilled.
Rebecca Davenport	6/2/18	49.0	OH-SU-198.0007	The landowner stated that the tree clearing behind their property created a wind tunnel. This has resulted in additional trees being damaged and the caller is concerned that their sheds are going to be damaged by additional trees falling over. The caller would like additional trees removed.	NEXUS spoke with the landowner and provided compensation for any damaged trees.
Shawn McConville	6/3/18	6.5	OH-CO-055.0001	The caller had concerns about his driveway on Lorey Road being impassable due to erosion that occurred from the project.	NEXUS investigated the complaint and confirmed that erosion of the right-of-way had occurred. The erosion has been repaired and additional erosion control devices have been installed. Refer to the June 4 NCR report in Section C of this report for additional details.
Troy Johnson	6/4/18	135.0	NA	The caller is concerned about the muddy roads he has to travel on, the cable in front of his house, and the paint chips on his truck caused by rocks near the compressor station.	NEXUS inspected the caller's trucks and did not find paint chip damage. NEXUS is still discussing the cable in front of the caller's house with the caller. NEXUS' contractor utilizes regular street sweeping and rock access pads to ensure that track out is addressed and cleaned up in a timely manner.
Connie Little	6/4/18	93.3	OH-FU-010.0001	Landowner is concerned with the boring activities that occurred near her house. She stated that her house shook and she is worried about the foundation.	NEXUS met with the landowner and provided her with appropriate contact information should any damage to her home occur. No damage was observed at the time of the meeting.
Michael Coultrip	6/5/18	106.0	OH-ER-002.0000 OH-ER-003.0000	The landowner was concerned about the current contractor dewatering activities which were preventing him from being able to plant his crops.	NEXUS has agreed to provide compensation to the caller for crop damage loss.

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Renee Walker	6/7/18	193.5	OH-FU-010.0000	The landowner was concerned about the drilling fluid used during boring activities. She requested a copy of the MSDS for this material.	NEXUS explained to the caller that the material was a mix of bentonite and water. NEXUS will also provide a copy of the MSDS for this material to the landowner. NEXUS has also discussed the concern with the FERC Project Manager due to the incorrect MSDS sheet being provided to the landowner initially. NEXUS has confirmed with the contractor that only bentonite was used during boring activities.
Darcy Rodgers	6/7/18	54.2	NA	The caller was concerned because she was out of town and returned to her culvert being blocked by straw and gravel which resulted in some of her driveway gravel being washed away.	An intense rain occurred in the area on 6/3/18. It appears that the bar ditches in the area were flowing at capacity and likely contributed to the issue. NEXUS provided compensation to the landowner to make any necessary repairs.
Judith Holliday	6/7/18	165.5	OH-WO-007.0000	The caller is concerned that the construction related spoil pile has caused his septic system to back up.	NEXUS moved the spoil pile and will empty the septic tank at a time convenient to the landowner.
Ed Ward	6/8/18	39.0	N/A	Caller is concerned about dust from the construction site near her home.	NEXUS investigated the dust complaints. Fugitive dust has not been an issue up to this point in this area due to the ongoing rains. NEXUS will monitor construction and adhere to the Fugitive Dust Control Plan in the event conditions dry out and dust is generated from construction activities.
Jeff Hall	6/8/18	179.5	OH-WO-121.0000	Caller is concerned about damage, caused by construction to his ramp.	NEXUS directed their contractor to make appropriate repairs to the ramp.

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 June 2, 2018 to June 8, 2018.

H) NSA NOISE MEASUREMENTS AND MITIGATION FOR HDDS:

- In compliance with Environmental Condition 35 of NEXUS' Certificate, Hoover and Keith, Inc. (H&K) performed additional sound level survey at the closest Noise Sensitive

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Areas (NSAs) to the Maumee River and MP 8 Wetland HDDs this week due to the addition of a second assist rig during pilot hole intersect operations. H&K is in the process of analyzing the recorded sound data and the readings will be included in next week's Construction Status Report.

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 2, 2018 to June 8, 2018.

HDD Crossing	Construction Stage	Summary Comments
MP 8 Wetland (Ohio)	Pilot Hole 79% Complete	Michels Directional Crossings (Michels) rigged up a second HDD equipment spread on the west side of the crossing and initiated pilot hole drilling from the west side of the crossing on Saturday, June 2, 2018. As mentioned in Weekly Report 8, Michels is using the pilot hole intersect method as a precautionary measure to reduce the risk of inadvertent drilling fluid returns. They have also installed approximately 197 feet of 14-inch steel surface/washover casing on the west side of the crossing per Section 4.4 of the HDD Monitoring and Inadvertent Return Contingency Plan (HMIRCP) as a means to reduce the risk of drilling fluid impact. Continuous monitoring of the ROW was in place throughout pilot hole operations from the west side, which exceeds the monitoring protocols outlined in Section 5.0 of the HMIRCP. On Thursday, June 7, 2018, while drilling joint 22, Michels experienced drilling fluid loss into the sedimentary rock formation, at which point they stopped drilling while the ROW was checked for inadvertent drilling fluid returns. No returns to the surface were noted. Afterwards, Michels tripped the bottom hole assembly to the surface in order to swab the hole and clear any potential obstructions in an attempt to regain circulation. After tripping out, and then tripping back to the hole face, they regained full circulation. By the end of the reporting period on Friday, June 8 th , the west pilot hole had been drilled to 1,033 feet with good drilling fluid returns. There is approximately 613 feet remaining until the intersect. Michels complied with Section 4.1 of the HMIRCP throughout pilot hole drilling on the west side of the crossing by testing drilling fluid properties regularly (3 times per shift) and adjusting drilling fluid rheology as necessary to promote drilling fluid circulation, monitoring annular pressure, and tripping back to swab the hole in the event circulation was completely lost.

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Tuscarawas River (Ohio)	34-inch Forward Ream 44% Complete	Michels completed the pilot hole on May 31, 2018 and started the first of two planned reaming passes on June 2, 2018. The pass started with a 36-inch mill tooth cutter and was then switched to a 34-inch hole opener for the rock portion of the crossing. By the end of June 8 th , Michels had reamed 1,153 feet (44%) of the first pass. Throughout reaming operations, Michels and NEXUS daily logs indicate compliance with the HMIRCP by monitoring the ROW regularly under the protocol for Conditions 1 – Full Drilling Fluid Returns as well as taking action from an operational standpoint by testing fluid properties regularly and adjusting rheology as needed to promote cutting removal and drilling fluid circulation. No inadvertent drilling fluid returns to the ground surface were noted during the reporting period.
Huron River (Ohio)	Complete	Installation completed on June 1, 2018.
E. Branch Black River (Ohio)	Complete	Michels completed the final portions of the 48-inch hole on June 2 nd , swabbed the reamed hole with a completion date of June 4 th , and then completed pullback of the 36-inch product line on June 6, 2018. No inadvertent drilling fluid returns to the ground surface were noted. Michels complied with the HMIRCP throughout operations.
Vermilion River (Ohio)	48-inch Reaming Pass 59% Complete	Michels continued the 48-inch reaming pass until reaching the previously reamed 36-inch hole (962 feet), at which point the tool was tripped out and a 36-inch mill tooth reamer was attached, with the final portion of the 36-inch pass completed on Tuesday, June 5 th . The 48-inch pass resumed on June 5 th , and continued throughout the rest of the reporting period, reaming to 1,894 feet (59%). JDH&A observed good drilling fluid returns at the entry point throughout the reaming process. Michels daily logs showed one or more crew members on patrol monitoring for inadvertent drilling fluid returns along the ROW throughout reaming operations, with no flow to the surface observed. Continuous monitoring of the ROW exceeds the protocols of the HMIRCP.
Sandusky River (Ohio)	34-inch Reaming Pass 44% Complete	The 34-inch reaming pass proceeded well until joint 37 (1,188 feet), at which point a drill pipe failure occurred. JDH&A observed Michels/NEXUS to be complying with the HMIRCP by regularly monitoring the ROW. JDH&A also observed full drilling fluid returns to the entry point, indicating little to no drilling fluid circulation loss into the formation. Michels is preparing the exit side of the crossing to accommodate a second HDD rig to be used as an assist rig while they remove the 34-inch cutter and broken drill pipe from the reamed hole. As of the end of the shift on Friday, June 8, Michels had successfully connected to the tooling and were well on their way to having the broken tooling out of the hole, so that new drill pipe could be re-established throughout the previously reamed hole by the end of the shift on Saturday.
Portage River (Ohio)	36-inch Reaming Pass 74% Complete	Michels continued the 36-inch forward reaming pass. Operations were going well until Thursday, June 7 th , at which point a drill pipe failure occurred 34 joints on the entry side of the reamer. JDH&A observed full drilling fluid returns at the entry point prior to the drill pipe failure and Michels to be in compliance with Section 5.0 of the HMIRCP for monitoring the ROW under the protocol for Condition 1 – Full Drilling Fluid Circulation. JDH&A observed that Michels is using only approved drilling fluids. Michels will be mobilizing a second rig to place on the exit side to assist with reamer recovery. The second HDD rig will be mobilized from the exit side of the Sandusky, as soon as it has completed with recover assistance on that one.
Maumee River (Ohio)	Pilot Hole 79% Complete	Michels spent the first half of the reporting period preparing the exit side to accommodate a second HDD rig that will be used to perform a pilot hole intersect. As mentioned in Weekly Report 8, Michels is using the pilot hole intersect method as a precautionary measure to reduce the risk of inadvertent drilling fluid returns. One June 5 th , the second HDD rig started drilling the second pilot hole from the exit (west) side of the crossing. Throughout the rest of the reporting period, Michels installed 421 feet of 14-inch surface casing, which is a good operational practice and complies with Section 4.1 of the HMIRCP as a practice used to reduce the risk of inadvertent drilling fluid returns.
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