

NPDES Permit No. IL0073458
Notice No. SMT:18020101.smt

Public Notice Beginning Date: **February 21, 2019**

Public Notice Ending Date: **March 25, 2019**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water,
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Alliance Pipeline L.P.
6385 Old Shady Oak Road, Suite 150
Eden Prairie, Minnesota 55344

Name and Address of Facility:

Hydrostatic Testing Discharges
Located in Bureau, Grundy, LaSalle, Whiteside
and Will Counties

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Shu-Mei Tsai at 217/782-0610.

The applicant operates a 888 mile 36 inch underground natural gas pipeline system in North Dakota, Minnesota, Iowa, and Illinois (SIC 4922). The system transports natural gas from western Canada and North Dakota to delivery points in the northeastern Illinois region. Discharge points are located at the above ground facilities along the 123 miles of pipeline within Illinois. Wastewater is generated from hydrostatic testing of pipes and appurtenances which results in an average discharge of 0.01 MGD of hydrostatic test water from outfalls 001, 002, 003, 004, 005, 006, 007, 008, and 009.

Application is made for the existing discharge which is located in Bureau, Grundy, LaSalle, Whiteside and Will Counties, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Biological Stream Characterization
001	Unnamed tributary to Segment P-04 of Rock River	41° 21' 13"	North	88° 49' 42"	West	General Use	Not Rated
002	Unnamed ditch tributary to the Hennepin Canal System	41° 35' 30"	North	89° 47' 04"	West	General Use	Not Rated
003	Unnamed tributary to Segment DQG-01 of Masters Fork	41° 33' 41"	North	89° 23' 42"	West	General Use	Not Rated
004	Unnamed tributary to Tomahawk Creek	41° 27' 48"	North	89° 02' 54"	West	General Use	Not Rated
005	Unnamed tributary to Segment DTZC of Brumbach Creek	41° 24' 57"	North	88° 40' 22"	West	General Use	Not Rated
006	Unnamed ponds	41° 24' 41"	North	88° 18' 27"	West	General Use	Not Rated
007	Unnamed wetlands	41° 24' 20"	North	88° 11' 26"	West	General Use	Not Rated
008	Unnamed ponds tributary to Segment GD of Cedar Creek	41° 26' 35"	North	88° 07' 32"	West	General Use	Not Rated
009	Segment GD of Cedar Creek	41° 27' 34"	North	88° 07' 59"	West	General Use	Not Rated

To assist you further in identifying the location of the discharge please see the attached map.

The stream segments (IL_P-04), General Use, at a 0 cfs 7Q10 low-flow receiving the discharge from outfall 001 is not on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List as they have not been assessed. The receiving water for 001 has not been given an integrity rating. Neither receiving water is listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. Not subject to enhanced DO standards.

An unnamed ditch tributary to the Hennepin Canal System, at a 0 cfs 7Q10 low-flow receiving the discharge from outfall 002 is not on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List as they have not been assessed. The receiving water for 002 has not been given an integrity rating. Neither receiving water is listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. Not subject to enhanced DO standards.

The stream segments (IL_DQF-01), General Use, at a 0 cfs 7Q10 low-flow receiving the discharge from outfall 003 is not on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List as they have not been assessed. The receiving water for 001 has not been given an integrity rating. Neither receiving water is listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. It is subject to enhanced DO standards.

An unnamed tributary to Tomahawk Creek, a tributary to Waterbody Segment (IL_DRA), General Use, at a 0 cfs 7Q10 low-flow receiving the discharge from outfall 004 is not on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List as they have not been assessed. The receiving water for 001 has not been given an integrity rating. Neither receiving water is listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. It is subject to enhanced DO standards.

The stream segments (IL_DTZC), General Use, at a 0 cfs 7Q10 low-flow receiving the discharge from outfall 005 is not on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List as they have not been assessed. The receiving water for 001 has not been given an integrity rating. Neither receiving water is listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. Not subject to enhanced DO standards.

The Unnamed Ponds, General Use, at a 0 cfs 7Q10 low-flow receiving the discharge from outfall 006 is not on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List as they have not been assessed. The receiving water for 001 has not been given an integrity rating. Neither receiving water is listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. Not subject to enhanced DO standards.

The Unnamed Wetlands, General Use, at a 0 cfs 7Q10 low-flow receiving the discharge from outfall 007 is not on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List as they have not been assessed. The receiving water for 001 has not been

given an integrity rating. Neither receiving water is listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. Not subject to enhanced DO standards.

An unnamed tributary ponds tributary to the stream segments (IL_GD), General Use, at a 0 cfs 7Q10 low-flow receiving the discharge from outfall 008 is not on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List as they have not been assessed. The receiving water for 001 has not been given an integrity rating. Neither receiving water is listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. Not subject to enhanced DO standards.

The stream segments (IL_GD), General Use, at a 0 cfs 7Q10 low-flow receiving the discharge from outfall 009 is not on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List as they have not been assessed. The receiving water for 001 has not been given an integrity rating. Neither receiving water is listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. Not subject to enhanced DO standards.

The discharge(s) from the facility shall be monitored and limited at all times as follows:

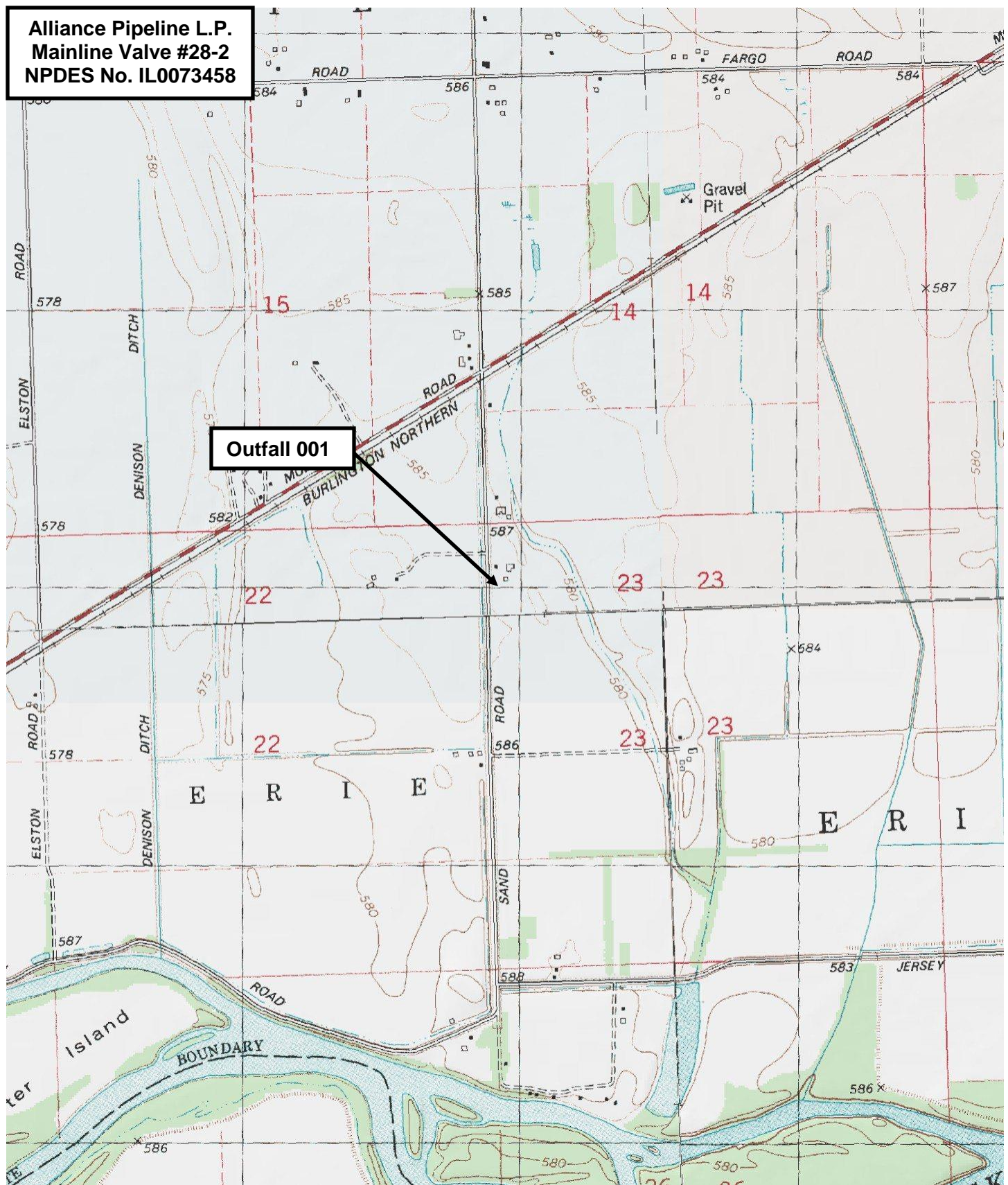
Outfalls: 001, 002, 003, 004, 005, 006, 007, 008, 009 Hydrostatic Test Water (DAF = 0.01 MGD)

	LOAD LIMITS lbs/day			CONCENTRATION		
	DAF (DMF)			LIMITS mg/l		
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
Flow (MGD)						
pH						35 IAC 302.204
Total Suspended Solids				15	30	35 IAC 304.124
Oil and Grease				15	30	35 IAC 304.124
Iron				2.0	4.0	35 IAC 304.124
Total Residual Chlorine					0.05	35 IAC 302.208

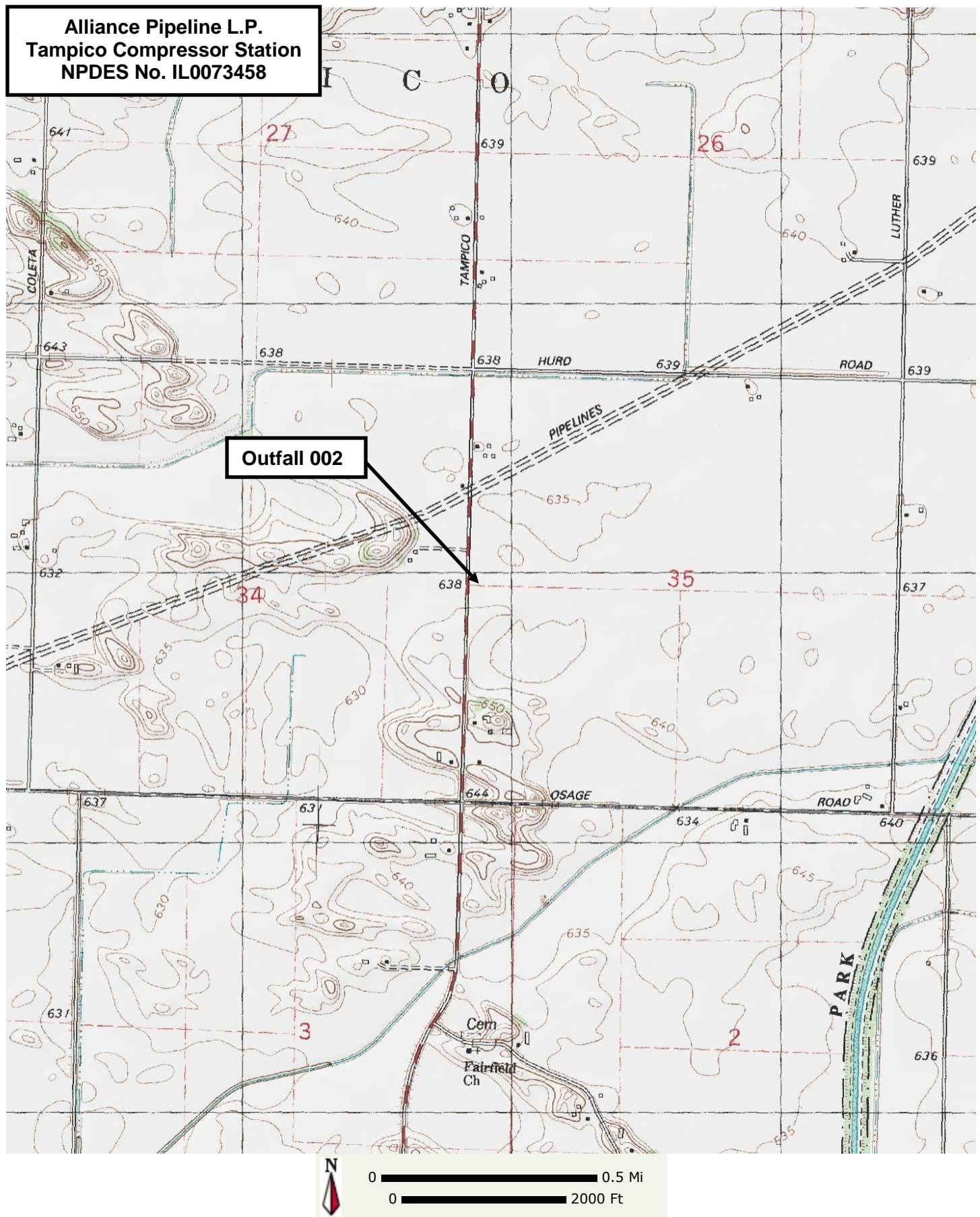
The following explain the conditions of the proposed permit:

The special conditions clarify flow, pH, monitoring location, discharge monitoring reports, re-opener and TRC monitoring.

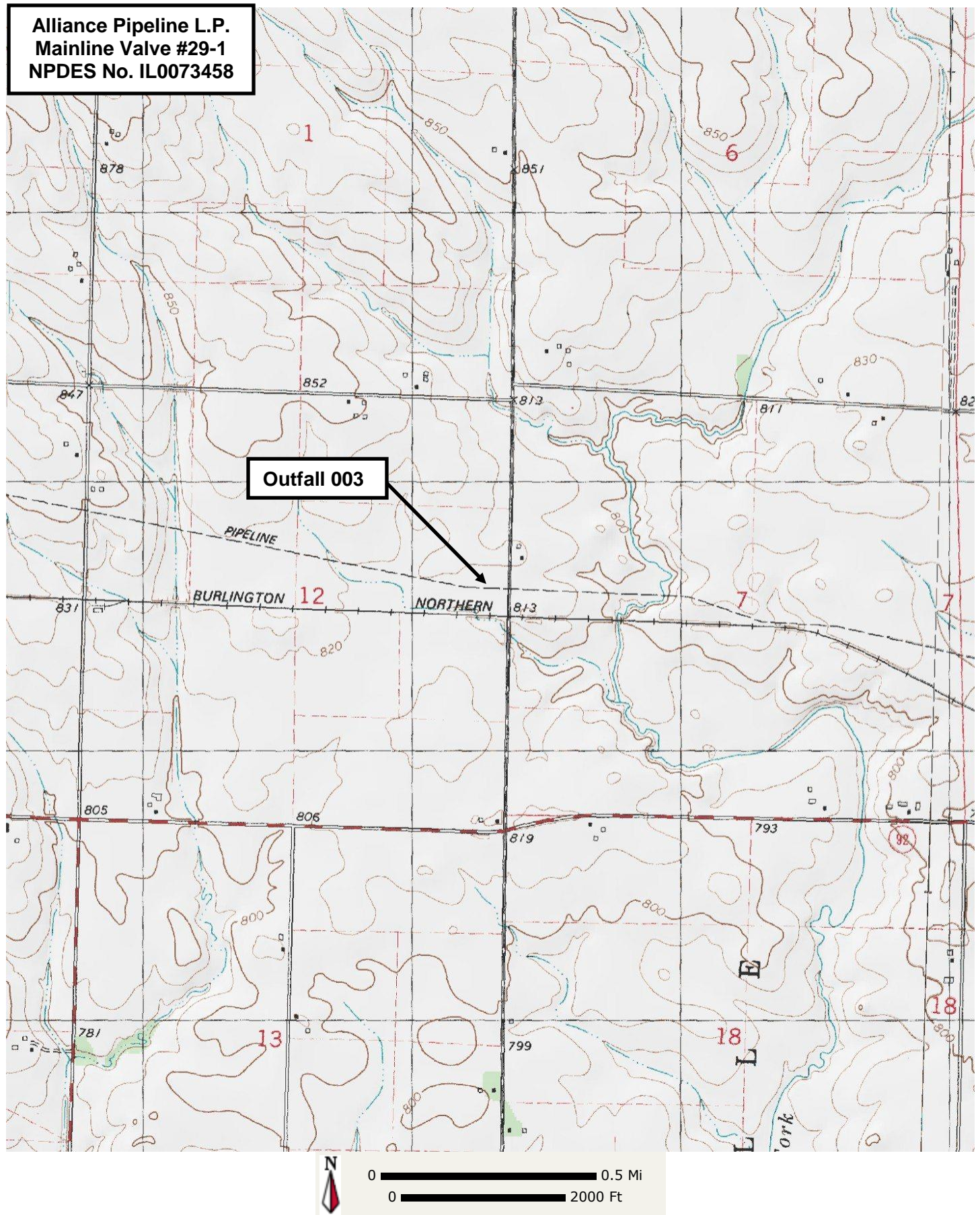
**Alliance Pipeline L.P.
Mainline Valve #28-2
NPDES No. IL0073458**

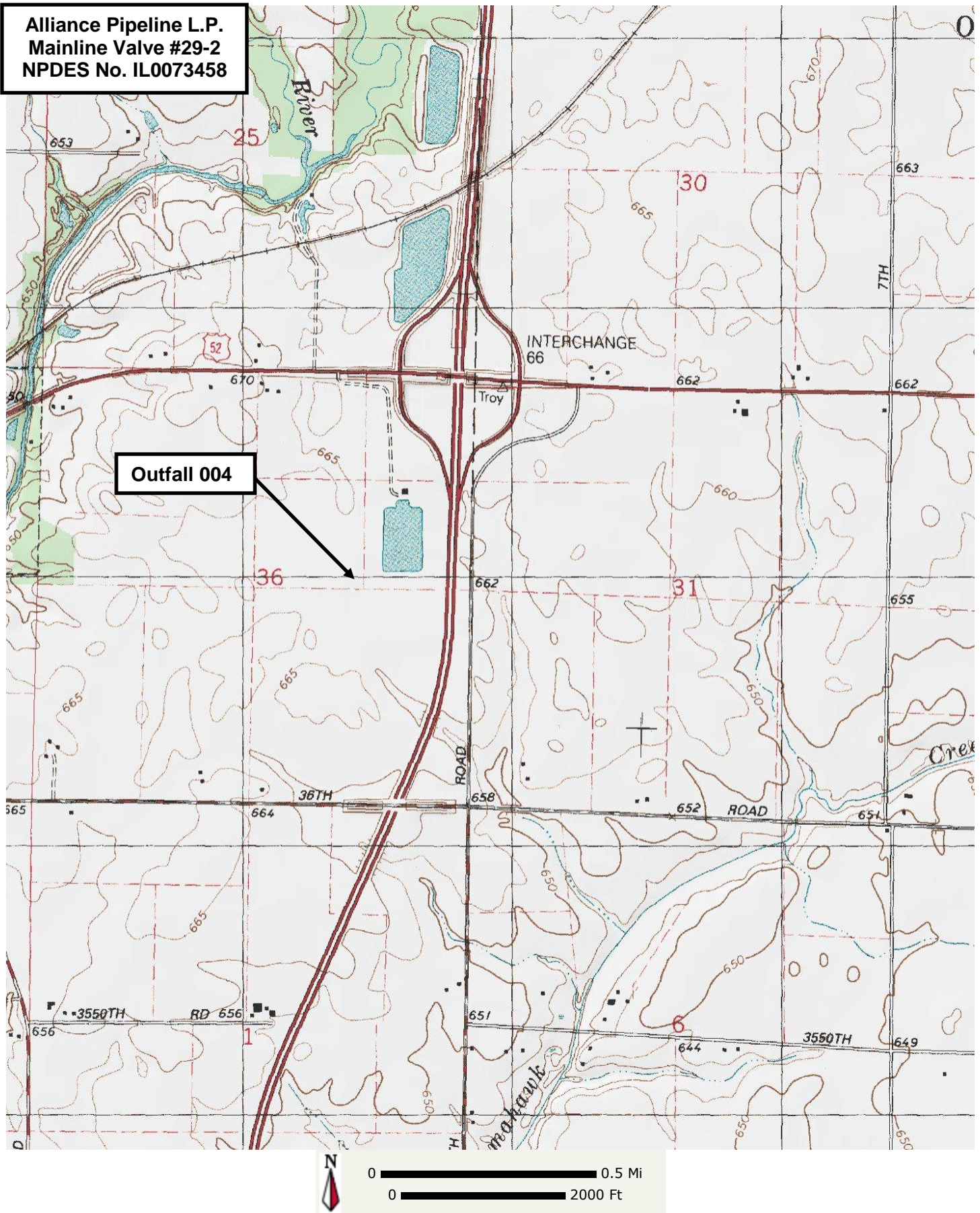


**Alliance Pipeline L.P.
Tampico Compressor Station
NPDES No. IL0073458**

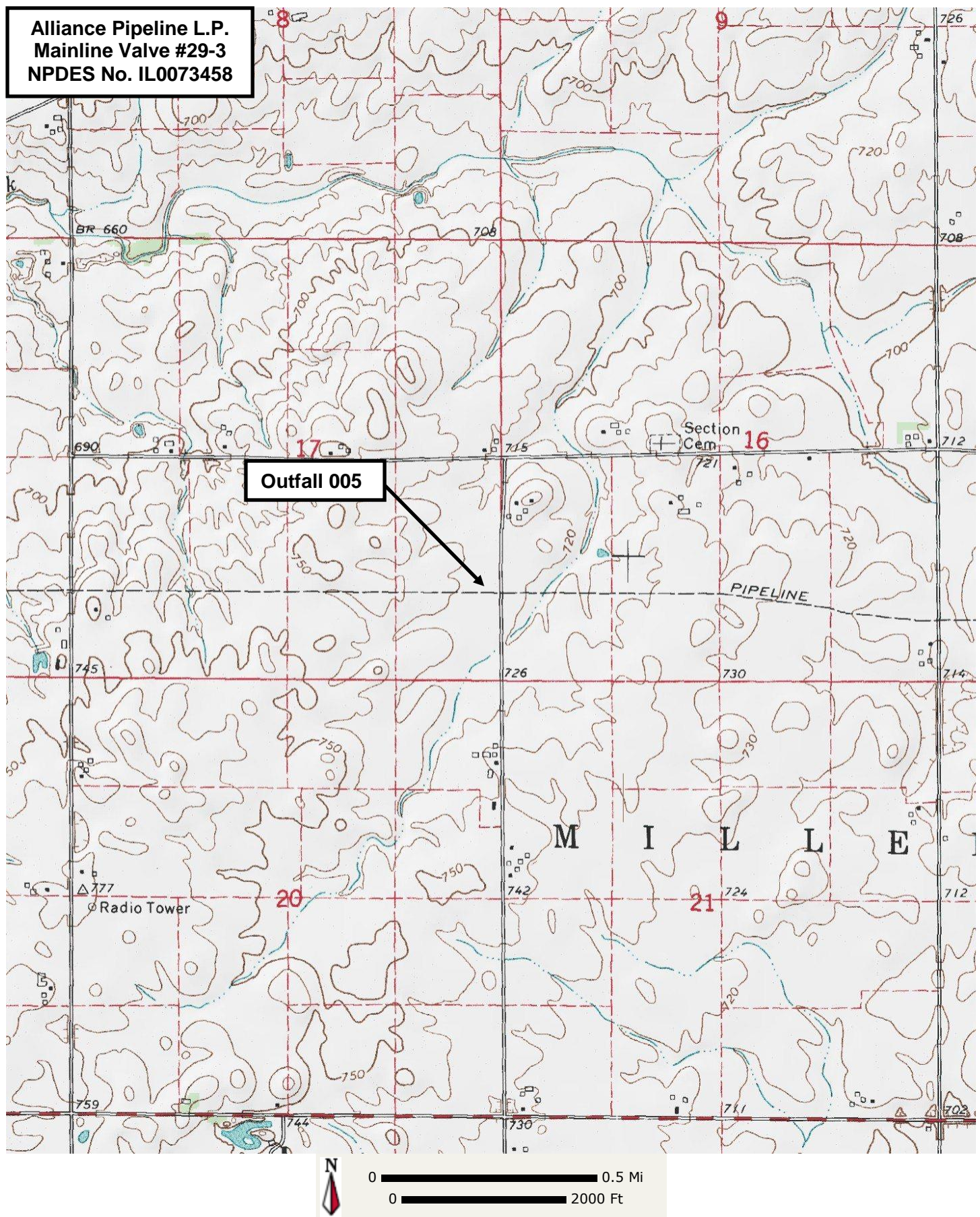


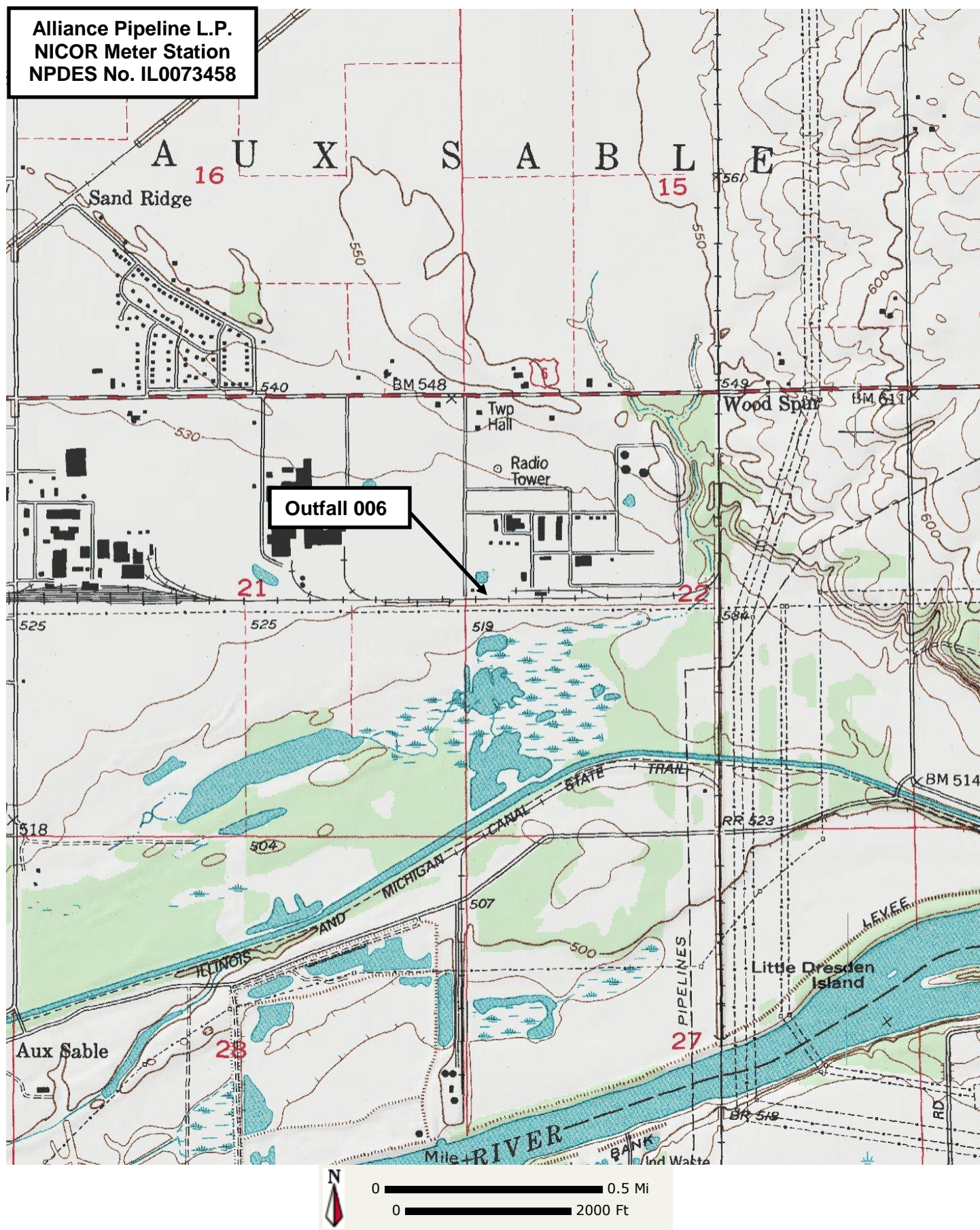
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Mainline Valve #29-1
NPDES No. IL0073458**

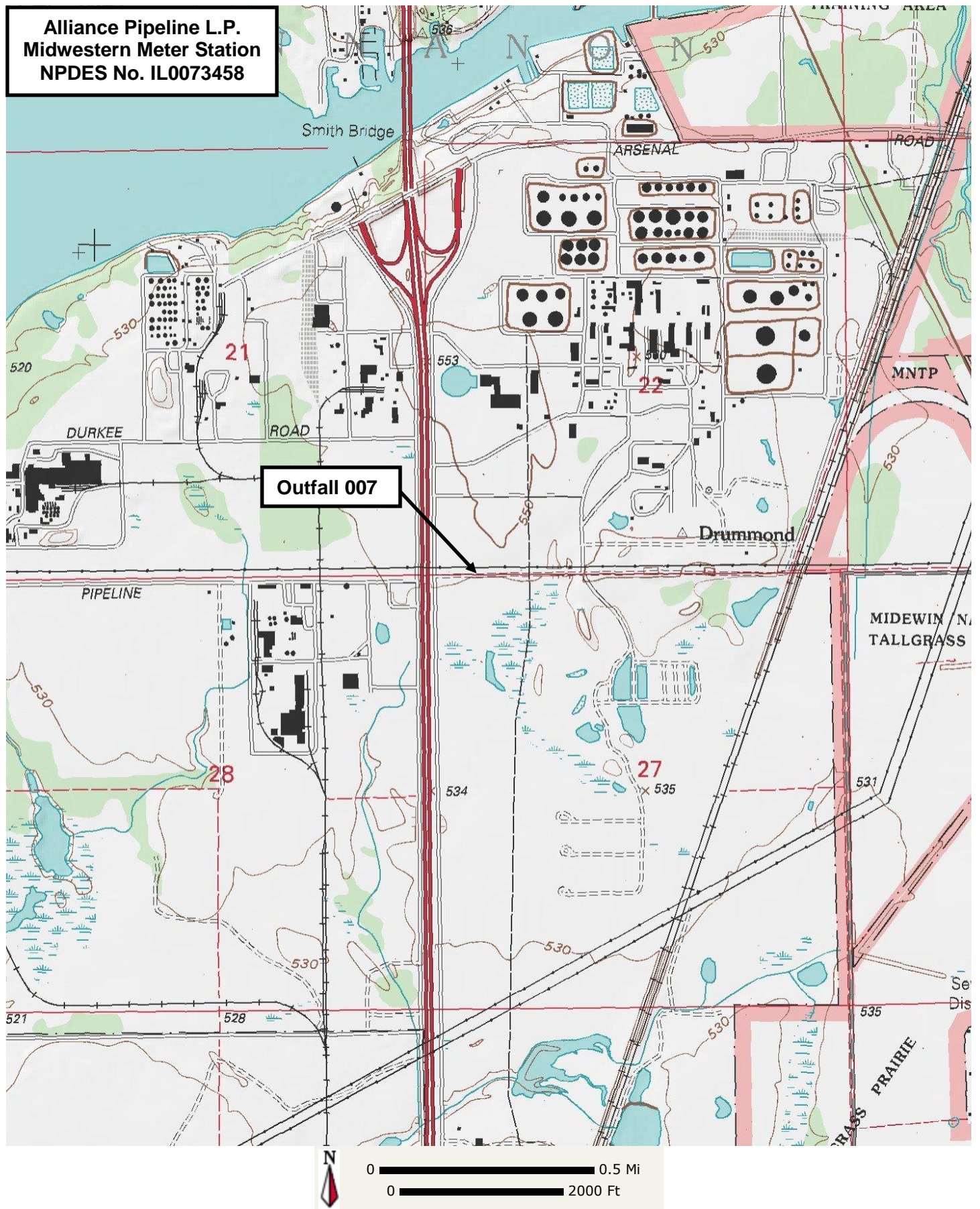




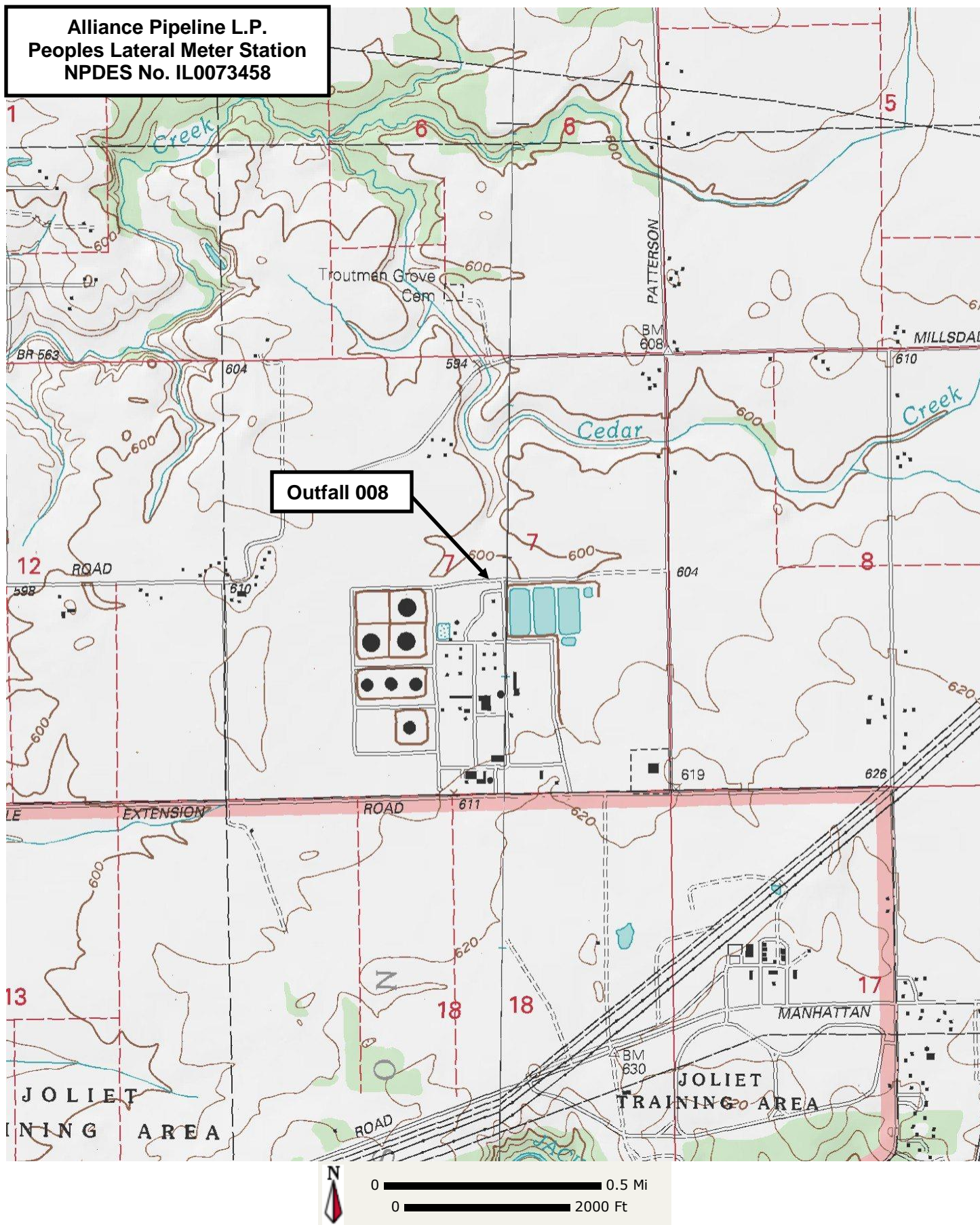
**Alliance Pipeline L.P.
Mainline Valve #29-3
NPDES No. IL0073458**







**Alliance Pipeline L.P.
Peoples Lateral Meter Station
NPDES No. IL0073458**



NPDES Permit No. IL0073458

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

Alliance Pipeline L.P.
6385 Old Shady Oak Road, Suite 150
Eden Prairie, Minnesota 55344

Hydrostatic Testing Discharges
Located in Bureau, Grundy, LaSalle, Whiteside
and Will Counties

Discharge Number and Name:	Facility Name and Address	Receiving Waters:
001 Hydrostatic Test Water	Mainline Valve #28-2 2740-3040 Sand Rad Erie, Illinois 61250	Unnamed Tributary of the Rock River
002 Hydrostatic Test Water	Tampico Compressor Station 500-598 S. Main Street Tampico, Illinois 61283	None
003 Hydrostatic Test Water	Mainline Valve #29-1 28501-28995 County Road 2400 East Ohio, Illinois 61349	Unnamed Tributary of Masters Fork
004 Hydrostatic Test Water	Mainline Valve #29-2 3600-3660 East 6 th Road LaSalle, Illinois 61301	None
005 Hydrostatic Test Water	Mainline Valve #29-3 3309-3349 East 26 th Road Marseilles, Illinois 61341	Unnamed Tributary of Brumbach Creek
006 Hydrostatic Test Water	NICOR Meter Station 6155 U.S. 6 Morris, Illinois 60450	Unnamed ponds
007 Hydrostatic Test Water	Midwestern Meter Station SE Frontage Road Channahon, Illinois 60410	Unnamed wetlands
008 Hydrostatic Test Water	Peoples Lateral Meter Station 21087-21455 Centerpoint Way Elwood, Illinois 60421	Unnamed ponds tributary to Cedar Creek
009 Hydrostatic Test Water	ANR Meter Station 21325 West Schweizer Road Elwood, Illinois 60421	Cedar Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Darin E. LeCrone, P.E.
Manager, Industrial Unit, Permit Section
Division of Water Pollution Control

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NPDES Permit No. IL0073458

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfalls: 001, 002, 003, 004, 005, 006, 007, 008, and 009 Hydrostatic Test Water (DAF = 0.01 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1				1/Discharge	
pH	See Special Condition 2				1/Discharge	Grab
Total Suspended Solids			15	30	1/Discharge	Grab
Oil and Grease			15	30	1/Discharge	Grab
Iron			2.0	4.0	1/Discharge	Grab
Total Residual Chlorine	See Special Condition 11			0.05	1/Discharge	Grab

Total Residual Chlorine is only required to be tested when the hydrostatic test water contains or could contain choline and/or residuals.

NPDES Permit No. IL0073458

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum value on the monthly Discharge Monitoring Report.

SPECIAL CONDITION 2. The pH shall be in the range 6.5 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 4. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <https://www2.illinois.gov/epa/topics/water-quality/surface-water/netdmr/Pages/quick-answer-guide.aspx>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attention: Compliance Assurance Section, Mail Code # 19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

SPECIAL CONDITION 5. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 6. The permittee shall provide telephone notification to the appropriate IEPA Regional Office at least 24 hours prior to any hydrostatic pipeline testing which may result in a discharge.

When discharging from outfalls 001, 002, 003, 004, and 005 the Peoria FOS shall be notified at 309/671-3022

When discharging from outfalls 006, 007, 008 and 009 the Des Plaines FOS shall be notified at 847/294-4000

SPECIAL CONDITION 7. No effluent shall contain settleable solids, floating debris, visible oil, grease, scum, or sludge solids. Color (including color resulting from dyes or tracers in the hydrostatic test water), odor and turbidity must be reduced to below obvious levels. The pipeline/appurtenances to be tested should be cleaned if practicable. Cleaning wastes are not authorized for discharge.

SPECIAL CONDITION 8. Appropriate measures shall be taken to prevent water quality impacts resulting from soil erosion due to the discharge. The discharge flow rate shall be controlled so as not to cause scouring or other damage to stream beds or banks.

SPECIAL CONDITION 9. When test water is discharged to the same waterbody from which it was withdrawn, compliance with the numerical effluent standards is not required when effluent concentrations in excess of the standards result entirely from influent contamination, evaporation, and/or the incidental addition of traces of materials not utilized or produced in the hydrostatic test activity that is the source of the waste.

SPECIAL CONDITION 10. Solid wastes such as straw used for filtering or erosion control shall be disposed of in accordance with state and federal law.

SPECIAL CONDITION 11. All samples for total residual chlorine (TRC) shall be analyzed by an applicable method contained in 40 CFR 136, equivalent in accuracy to low-level amperometric titration. Any analytical variability of the method used shall be considered when

NPDES Permit No. IL0073458

Special Conditions

determining the accuracy and precision of the results obtained.

SPECIAL CONDITION 12 Except for the situations described in (A) and (B) below, the permittee shall only discharge untreated hydrostatic test water to the watersheds from which the source water was drawn.

- (A) The permittee may discharge hydrostatic test water withdrawn from any waters of the state (except zebra mussel contaminated waterbodies) to any watershed provided the water has been treated to kill any organisms. Prior to discharge the treated water must meet the limit for total residual chlorine listed on page two of this permit. The permittee shall provide written notification to the Illinois EPA in the event that treatment processes other than chlorination are to be utilized for biological treatment. The notification shall include a description of the proposed treatment process along with basis of design information. Only those treatment programs approved by the Illinois EPA may be implemented. An individual NPDES permit may be required to include additional limits and conditions based on the alternative treatment proposed. Issuance of an individual permit will require public notice and opportunity for hearing.
- (B) Source water withdrawn from any waterbody believed to be contaminated with zebra mussels may only be returned to its origin. For information regarding waterbodies contaminated with zebra mussels, contact Bob Mosher (IEPA - Standards Unit) at 217/782-0610. The permittee must apply for a biological treatment program that must be approved by the IEPA in the event the permittee wishes to discharge zebra mussel contaminated water to a different waterbody. For all treatment programs, including chlorination, written notification to the Illinois EPA shall be submitted and shall include a complete description of the proposed treatment process as well as information explaining the basis of design. Only those treatment programs approved by the Illinois EPA may be implemented. A permit modification may be required to include additional limits and conditions and will require public notice and opportunity for hearing.

