

NPDES Permit No. IL0069493
Notice No. SMT:11081701.bah

Public Notice Beginning Date: **March 12, 2012**

Public Notice Ending Date: **April 11, 2012**

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:

Midwestern Gas Transmission Company
100 West Fifth Street
Post Office Box 871
Tulsa, Oklahoma 74102

Name and Address of Facility:

Midwestern Gas Transmission Company
23823 Amoco Road
Channahon, Illinois 60410-5490
(Will County)

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 is engaged in products of natural gas transmission (SIC 4922). Plant operation results in the discharge of 3.6 MGD of wastewater from the hydrostatic testing of pipelines. Discharge is to the manmade pond and unnamed wetlands to an unnamed tributary to Grant Creek .

Application is made for the new discharge(s) which are located in a Will County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

<u>Outfall</u>	<u>Receiving Stream</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Stream Classification</u>	<u>Integrity Rating</u>
001	Manmade Pond	41° 24' 52" North	88° 11' 99" West	General Use	Not Rated
002	Manmade Pond	41° 24' 42" North	88° 11' 32" West	General Use	Not Rated
003	Unnamed Wetlands to an unnamed tributary to Grant Creek	41° 24' 35" North	88° 11' 32" West	General Use	Not Rated
004	Unnamed Wetlands to an unnamed tributary to Grant Creek	41° 24' 23" North	88° 11' 24" West	General Use	Not Rated
005	Unnamed Wetlands to an unnamed tributary to Grant Creek	41° 23' 57" North	88° 11' 24" West	General Use	Not Rated
006	Unnamed Wetlands to an unnamed tributary to Grant Creek	41° 23' 38" North	88° 11' 24" West	General Use	Not Rated

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

The stream segment receiving the discharge from outfall(s) 001, 002, 003, 004, 005 and 006 are not on the 2010 303(d) list of impaired waters and is not a biologically significant stream on the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*.

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

Outfall: 001 Hydrostatic Testing Water (DAF = 3.6 MGD)

PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>			CONCENTRATION <u>LIMITS mg/l</u>		
	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
Flow				Measure		
pH	Shall be in the range of 6.0-9.0 standard units					35 IAC 304.125
Total Suspended Solids				15	30	35 IAC 304.124
Oil and Grease				15	30	35 IAC 304.124
Total Iron				2	4	35 IAC 304.124
Total Residual Chlorine					0.05	40 CFR 125

Outfall: 002 Hydrostatic Testing Water (DAF = 3.6 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow				Measure		
pH	Shall be in the range of 6.0-9.0 standard units					35 IAC 304.125
Total Suspended Solids				15	30	35 IAC 304.124
Oil and Grease				15	30	35 IAC 304.124
Total Iron				2	4	35 IAC 304.124
Total Residual Chlorine					0.5	40 CFR 125

Outfall: 003 Hydrostatic Testing Water (DAF = 3.6 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow				Measure		
pH	Shall be in the range of 6.0-9.0 standard units					35 IAC 304.125
Total Suspended Solids				15	30	35 IAC 304.124
Oil and Grease				15	30	35 IAC 304.124
Total Iron				2	4	35 IAC 304.124
Total Residual Chlorine					0.05	40 CFR 125

Outfall: 004 Hydrostatic Testing Water (DAF = 3.6 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow				Measure		
pH	Shall be in the range of 6.0-9.0 standard units					35 IAC 304.125
Total Suspended Solids				15	30	35 IAC 304.124
Oil and Grease				15	30	35 IAC 304.124
Total Iron				2	4	35 IAC 304.124
Total Residual Chlorine					0.05	40 CFR 125

Outfall: 005 Hydrostatic Testing Water (DAF =3.6 MGD)

PARAMETER	LOAD LIMITS lbs/day _DAF (DMF)_		REGULATION	CONCENTRATION _LIMITS mg/l_		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow				Measure		
pH	Shall be in the range of 6.0-9.0 standard units					35 IAC 304.125
Total Suspended Solids				15	30	35 IAC 304.124
Oil and Grease				15	30	35 IAC 304.124
Total Iron				2	4	35 IAC 304.124
Total Residual Chlorine					0.05	40 CFR 125

Outfall: 006 Hydrostatic Testing Water (DAF = 3.6 MGD)

PARAMETER	LOAD LIMITS lbs/day _DAF (DMF)_		REGULATION	CONCENTRATION _LIMITS mg/l_		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow				Measure		
pH	Shall be in the range of 6.0-9.0 standard units					35 IAC 304.125
Total Suspended Solids				15	30	35 IAC 304.124
Oil and Grease				15	30	35 IAC 304.124
Total Iron				2	4	35 IAC 304.124
Total Residual Chlorine					0.05	40 CFR 125

The load limits appearing in the permit will be the more stringent of the State and Federal Guidelines.

The following explain the conditions of the proposed permit:

Special Conditions include the descriptions of telephone notification, the DMR submission, Total Residual Chlorine standard, the hydrostatic test water standards.

**Antidegradation Assessment
NPDES Permit No. IL0069493**

The subject facility has applied for an NPDES permit for six possible outfalls for hydrostatic test water. The Illinois Department of Transportation (IDOT) is in the process of widening I-55 between Arsenal and Blodgett Roads and constructing a new highway interchange at Arsenal Road. Midwestern Gas Transmission Company (MGT) must relocate two segment of its natural gas pipeline which are currently located within the proposed highway right-of-way.

Following construction, the new pipeline will be hydrostatically tested to verify its structural integrity. The facility proposed to obtain water, for the hydrostatic testing, from the ExxonMobil refinery's fire suppression system (i.e., Des Plaines River) or a municipal source.

However, due to the possibility of transmitting zebra mussels that may be in the fire suppression system to the ponds and wetlands, the Agency is not allowing that option. The following options for a water source are acceptable; municipal source, groundwater, water from the pond, and water pumped directly from the Des Plaines River (when the river water temperature is less than 50 °F).

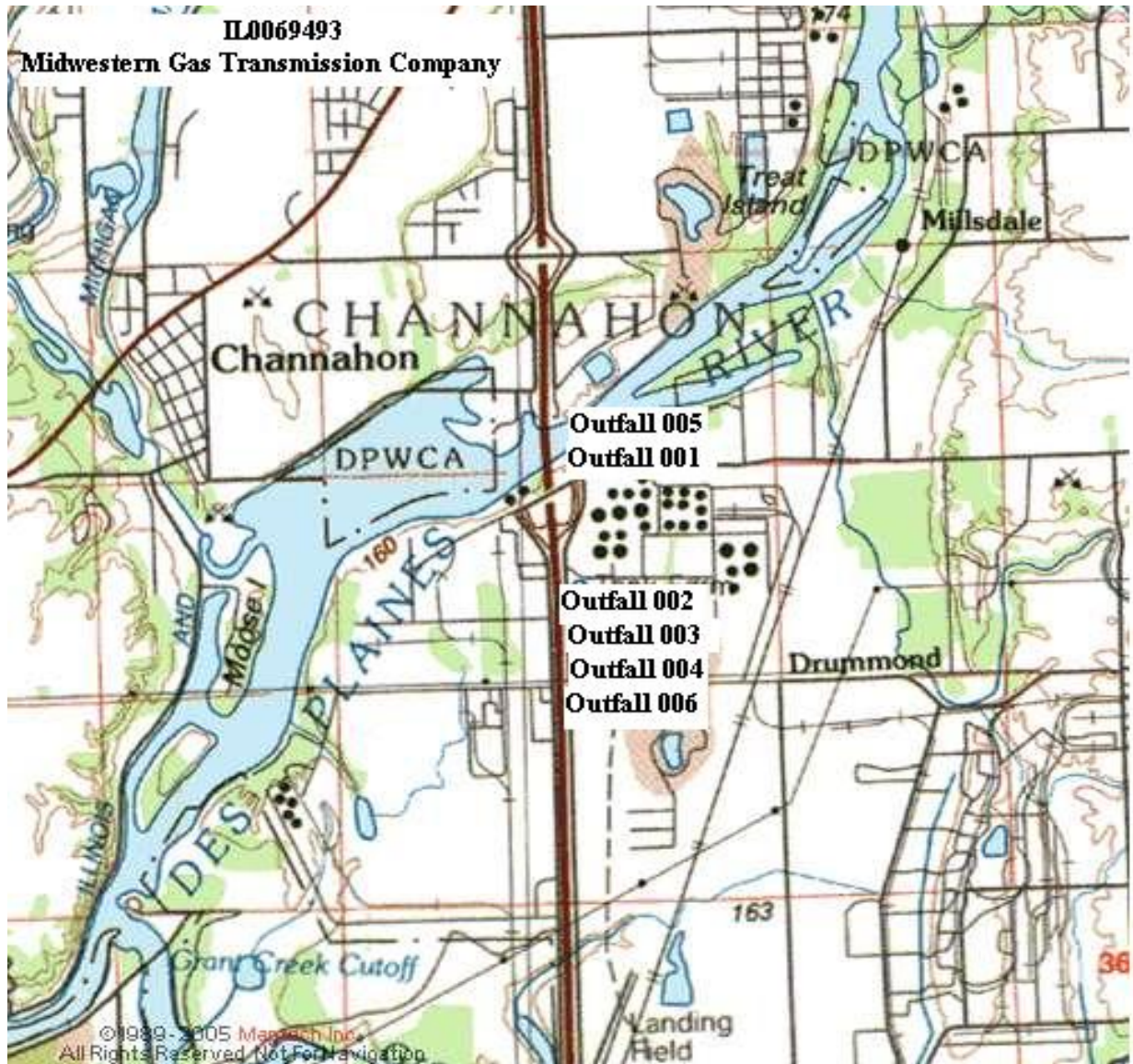
Following testing of the pipeline, the hydrostatic test water will be discharged to an energy dissipation device (e.g., straw bale/geotextile structure) prior to entering a well-vegetated area at the discharge location. MGT anticipates a total of four discharge events at six potential outfall locations. All of the discharges will occur in upland areas; however, the test water may reach the pond or unnamed wetlands located in the vicinity of the pipeline via overland flow.

Identification and Characterization of the Affected Water Body.

The subject facility proposes to discharge to an upland area that may flow to man-made ponds or wetlands that are tributary to the Des Plaines River at a point where 0 cfs of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The man-made ponds or wetlands are classified as General Use Waters. The man-made ponds or wetlands are not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The man-made ponds or wetlands, tributary to Waterbody Segment, G-12, are not listed on the draft 2010 Illinois Integrated Water Quality Report and Section 303(d) List since it has not been assessed. The man-made ponds or wetlands are not subject to enhanced dissolved oxygen standards.

Agency Conclusion.

Upon completing the assessment, it has been determined that the proposed activity will result in only short-term, temporary increases in pollutant loading and will not result in long term or permanent impacts to existing uses including aquatic life habitat; therefore, we find that it is subject to Subsection (d) of 35 Ill. Adm. Code 302.105.



NPDES Permit No. IL00"Type permit number"

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:

Midwestern Gas Transmission Company
100 West Fifth Street
Post Office Box 871
Tulsa, Oklahoma 74102

Facility Name and Address:

Midwestern Gas Transmission Company
23823 Amoco Road
Channahon, Illinois 60410-5490
(Will County)

Discharge Number and Name:

001 Hydrostatic Test Discharge
002 Hydrostatic Test Discharge
003 Hydrostatic Test Discharge
004 Hydrostatic Test Discharge
005 Hydrostatic Test Discharge
006 Hydrostatic Test Discharge

Receiving Waters:

Manmade Pond
Manmade Pond
Unnamed Wetlands to an unnamed tributary to Grant Creek
Unnamed Wetlands to an unnamed tributary to Grant Creek
Unnamed Wetlands to an unnamed tributary to Grant Creek
Unnamed Wetlands to an unnamed tributary to Grant 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.

Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK: SMT:11081701.bah

Effluent Limitations and Monitoring

1. 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:

Outfall(s): 001 Hydrostatic Test Discharge (DAF = 3.6 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					Daily when Discharge	Measure
pH	Shall be in the range of 6.0-9.0 standard units				Daily when Discharge	Grab
Total Suspended Solids			15	30	Daily when Discharge	Grab
Oil and Grease			15	30	Daily when Discharge	Grab
Total Iron			2	4	Daily when Discharge	Grab
Total Residual Chlorine				0.05	Daily when Discharge	Grab

Outfall(s): 002 Hydrostatic Test Discharge (DAF = 3.6 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					Daily when Discharge	Measure
pH	Shall be in the range of 6.0-9.0 standard units				Daily when Discharge	Grab
Total Suspended Solids			15	30	Daily when Discharge	Grab
Oil and Grease			15	30	Daily when Discharge	Grab
Total Iron			2	4	Daily when Discharge	Grab
Total Residual Chlorine				0.05	Daily when Discharge	Grab

Outfall(s): 003 Hydrostatic Test Discharge (DAF = 3.6 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					Daily when Discharge	Measure
pH	Shall be in the range of 6.0-9.0 standard units				Daily when Discharge	Grab
Total Suspended Solids			15	30	Daily when Discharge	Grab
Oil and Grease			15	30	Daily when Discharge	Grab
Total Iron			2	4	Daily when Discharge	Grab
Total Residual Chlorine				0.05	Daily when Discharge	Grab

Effluent Limitations and Monitoring

Outfall(s): 004 Hydrostatic Test Discharge (DAF = 3.6 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					Daily when Discharge	Measure
pH	Shall be in the range of 6.0-9.0 standard units				Daily when Discharge	Grab
Total Suspended Solids			15	30	Daily when Discharge	Grab
Oil and Grease			15	30	Daily when Discharge	Grab
Total Iron			2	4	Daily when Discharge	Grab
Total Residual Chlorine				0.05	Daily when Discharge	Grab

Outfall(s): 005 Hydrostatic Test Discharge (DAF = 3.6 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					Daily when Discharge	Measure
pH	Shall be in the range of 6.0-9.0 standard units				Daily when Discharge	Grab
Total Suspended Solids			15	30	Daily when Discharge	Grab
Oil and Grease			15	30	Daily when Discharge	Grab
Total Iron			2	4	Daily when Discharge	Grab
Total Residual Chlorine				0.05	Daily when Discharge	Grab

Outfall(s): 006 Hydrostatic Test Discharge (DAF = 3.6 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					Daily when Discharge	Measure
pH	Shall be in the range of 6.0-9.0 standard units				Daily when Discharge	Grab
Total Suspended Solids			15	30	Daily when Discharge	Grab
Oil and Grease			15	30	Daily when Discharge	Grab
Total Iron			2	4	Daily when Discharge	Grab
Total Residual Chlorine				0.05	Daily when Discharge	Grab

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 on the monthly Discharge Monitoring Report..

SPECIAL CONDITION 2. 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.

SPECIAL CONDITION 3. 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 4. 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 5. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) 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 may choose to submit electronic DMRs (eDMRs) instead of mailing paper DMRs to the IEPA. More information, including registration information for the eDMR program, can be obtained on the IEPA website, <http://www.epa.state.il.us/water/edmr/index.html>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 15th day of the following month, unless otherwise specified by the permitting authority.

Permittees not using eDMRs 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
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
Attention: Compliance Assurance Section, Mail Code # 19

SPECIAL CONDITION 6. Solid wastes such as straw used for filtering or erosion control shall be disposed of in accordance with state and federal law.

SPECIAL CONDITION 7. When the wastewater contains or could contain total residual chlorine (TRC), the permittee will be required to test for TRC as described on pages 2 and 3 of this permit.

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 determining the accuracy and precision of the results obtained.

The water quality standards for TRC (0.011 mg/L ave. and 0.019 mg/L max.) are below the method detection level (0.05 mg/L) as described in 40 CFR 136. Therefore, for the purpose of this permit, the method detection level will be utilized to determine compliance with the permit limit for TRC. A measurement of <0.05 mg/L reported on the DMR shall not be considered a violation of the water quality based effluent limit. This reporting threshold is being established to determine compliance and does not authorize the discharge of TRC in excess of the water quality based effluent limit.

