NPDES Permit No. IL0079588
Notice No. MEL:12053101.mel

Public Notice Beginning Date: **April 5, 2013**

Public Notice Ending Date: **May 6, 2013**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Modified 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:

Natural Gas Pipeline Company of America, LLC
370 Van Gordon Street
Lakewood, Colorado 80228

Name and Address of Facility:

Natural Gas Pipeline Company of America
Various Locations
(Cook, DuPage, Kankakee, Moultrie, Piatt 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 Mark E. Liska at 217/782-0610.

The applicant is engaged in the transmission and storage of natural gas (SIC 4922). Waste water is generated from hydrostatic testing of natural gas transmission lines. Testing activities will result in an average discharge of 7.9 MGD of hydrostatic test water from outfall 004, and 0.12 MGD of hydrostatic test water from outfall 005, 4.1 MGD of hydrostatic test water from outfall 006, 3.6 MGD of hydrostatic test water from outfall 007, 4.2 MGD of hydrostatic test water from outfall 009, 0.7 MGD of hydrostatic test water from outfall 010, 0.12 MGD of hydrostatic test water from outfalls 011 and 012, 8.7 MGD of hydrostatic test water from outfall 013, and 7.5 MGD of hydrostatic test water from outfalls 014 and 015.

The following modifications are proposed:

Outfalls 002, 003 and 008 have been removed from the permit. Outfalls 009-015 have been added to the permit.

Application is made for new and existing discharges which are located in Cook, DuPage, Kankakee, Moultrie, Piatt and Will County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Biological Stream Characterization
004	Kress Creek	41° 51' 52"	North	88° 13' 13"	West	General Use	Not Rated
005	Des Plaines River	42° 01' 20"	North	87° 52' 27"	West	General Use	Not Rated
006	Kankakee River	41° 10' 35"	North	87° 57' 24"	West	General Use	B
007	Lake Shelbyville	39° 32' 25"	North	88° 40' 26"	West	General Use	Not Rated
009	Des Plaines River	41° 48' 19"	North	87° 48' 34"	West	General Use	C
010	Unnamed tributary to Des Plaines River	41° 45' 5"	North	87° 52' 26"	West	General Use	Not Rated
011	DuPage River	41° 29' 59"	North	88° 13' 0"	West	General Use	C
012	Aux Sable Creek	41° 29' 59"	North	88° 18' 26"	West	General Use	Not Rated
013	North Vernillion River	41° 30' 30"	North	87° 34' 56"	West	Unnamed surface pond	Not Rated
014	Unnamed surface pond	41° 30' 9"	North	87° 34' 56"	West	Unnamed surface pond	Not Rated
015	Unnamed surface pond	41° 15' 43"	North	87° 50' 54"	West	Unnamed surface pond	Not Rated

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

The stream segments receiving the discharge from outfalls 004, 010 ,012, 013 (DSQ-02), 014, and 015 are not on the draft 2010 or draft 2012 Illinois Integrated Water Quality Report and Section 303(d) List as they have not been assessed. The receiving water has not been given an integrity rating or been listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*.

The stream segment G-28 receiving the discharge from outfall 005 is on the draft 2010 Illinois Integrated Water Quality Report and Section 303(d) List. The receiving water has not been given an integrity rating or been listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. The impaired designated uses and pollutants causing impairment are tabulated below:

Designated Uses	Pollutants Causing Impairment
Fish Consumption	Mercury and PCBs
Primary Contact	Fecal Coliform Bacteria
Aquatic Life	Alteration of Stream-Side Vegetative Cover (Non-Pollutant), Chloride, Other Flow Regime Alterations (Non-Pollutant) and Total Phosphorus

The stream segment F-12 receiving the discharge from outfall 006 is on the draft 2010 Illinois Integrated Water Quality Report and Section 303(d) List. The receiving water has not been listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. The impaired designated uses and pollutants causing impairment are tabulated below:

Designated Uses	Pollutants Causing Impairment
Fish Consumption	Mercury and PCBs
Public Water Supply	Manganese

The waterbody segment ROC receiving the discharge from outfall 007 is on the draft 2010 Illinois Integrated Water Quality Report and Section 303(d) List. The receiving water has not been given an integrity rating or been listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. The impaired designated uses and pollutants causing impairment are tabulated below:

Designated Uses	Pollutants Causing Impairment
Aesthetic Quality	Aquatic Plants (non-pollutant) and Total Suspended Solids

The waterbody segment G-39 receiving the discharge from outfall 009 is on the draft 2012 Illinois Integrated Water Quality Report and Section 303(d) List. The receiving water has not been given an integrity rating or been listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. The impaired designated uses and pollutants causing impairment are tabulated below:

Designated Uses	Pollutants Causing Impairment
Aquatic Life	Aldrin, Arsenic, Chloride, Lindane, Methoxychlor, Other Flow Regime Alterations (Non-Pollutant), pH, Phosphorus
Fish Consumption	Mercury, PCBs
Primary Contact	Fecal Coliform

The waterbody segment GB-11 receiving the discharge from outfall 011 is on the draft 2012 Illinois Integrated Water Quality Report and Section 303(d) List. The receiving water has not been given an integrity rating or been listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. The impaired designated uses and pollutants causing impairment are tabulated below:

Designated Uses	Pollutants Causing Impairment
Aquatic Life	Arsenic, Chloride, Aquatic Plants (Non-Pollutant), Methoxychlor, Other Flow Regime Alterations (Non-Pollutant), Alterations in Stream-side Vegetative Cover (Non-Pollutant), PCBs, Phosphorus, Sedimentation/Siltation
Fish Consumption	Mercury, PCBs
Primary Contact	Fecal Coliform

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

Outfall(s): 005 Hydrostatic Test Water (DAF = 0.12 MGD)
006 Hydrostatic Test Water (DAF = 4.1 MGD)
007 Hydrostatic Test Water (DAF = 3.6 MGD)
009 Hydrostatic Test Water (DAF = 4.2 MGD)
011 Hydrostatic Test Water (DAF = 0.12 MGD)
012 Hydrostatic Test Water (DAF = 0.12 MGD)
013 Hydrostatic Test Water (DAF = 8.7 MGD)
014 Hydrostatic Test Water (DAF = 7.5 MGD)
015 Hydrostatic Test Water (DAF = 7.5 MGD)

	LOAD LIMITS lbs/day DAF (DMF)			CONCENTRATION LIMITS mg/l		
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
Flow (MGD)						
pH	Shall be within the range of 6.0 to 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
Iron				2	4	35 IAC 304.124

Outfall(s): 004 Hydrostatic Test Water (DAF = 7.9 MGD)
010 Hydrostatic Test Water (DAF = 0.7 MGD)

	LOAD LIMITS lbs/day DAF (DMF)			CONCENTRATION LIMITS mg/l		
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
Flow (MGD)						
pH	Shall be within the range of 6.5 to 9.0 standard units					35 IAC 302.204
Total Suspended Solids				15	30	35 IAC 304.124
Oil and Grease				15	30	35 IAC 304.124
Iron				2	4	35 IAC 304.124
Total Residual Chlorine					0.05	40 CFR 125.3

The following explain the conditions of the proposed permit:

The special conditions clarify flow monitoring, pH limits, monitoring locations, DMR submission requirements, withdrawal of source water, and various other discharge requirements.

Antidegradation Assessment for Natural Gas Pipeline Co.
NPDES Permit No. IL0079588 Kankakee, Moultrie and Piatt Counties

The subject facility has applied for an NPDES permit for the hydrostatic testing of existing segments of natural gas pipeline and associated facilities and also a section of new natural gas pipeline and associated facilities. There will be six discharge locations. Outfall number, source water, receiving water body and volume of flow are given below. All discharges will be filtered through hay bales to disperse energy and prevent erosion. Duration of discharge will be from one to five days. Maximum discharge rate will be 3,000 gallons per minute. A permit limit for total residual chlorine will be applied to the location where municipal water will be the source of water for the test. All other waters used will be taken from the water body that will receive the discharged effluent after the test.

Identification and Characterization of the Affected Water Body.

Outfall 009 will be a discharge of Des Plaines River sourced test water back to the Des Plaines River at a total test volume of 4.2 MG. The Des Plaines River (segment code G-39) has a 7Q10 flow of 133 cfs and is a General Use water. The Des Plaines River is listed on the draft 2012 Illinois Integrated Water Quality Report and Section 303(d) List as impaired for aquatic life, fish consumption and primary contact uses. The causes of aquatic life use are given as aldrin, arsenic, chloride, lindane, methoxychlor, other flow regime alterations (non-pollutant), pH and total phosphorus. Causes of fish consumption use impairment are mercury and PCBs and the cause of primary contact use impairment is fecal coliform bacteria. The Des Plaines River is 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*, and is given an integrity rating in that publication of “C” at this location. The Des Plaines River is not designated as an enhanced water pursuant to the dissolved oxygen water quality standard at this location.

Outfall 010 will be a discharge of municipally sourced test water to a wetland tributary to the Des Plaines River at a total test volume of 0.7 MG. The wetland (no segment code) has a 7Q10 flow of zero cfs and is a General Use water. The wetland is not listed on the draft 2012 Illinois Integrated Water Quality Report and Section 303(d) List as impaired for any use. The Illinois EPA has not evaluated this waterbody. The wetland is 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 publication. The wetland is not designated as an enhanced water pursuant to the dissolved oxygen water quality standard.

Outfall 011 will be a discharge of DuPage River sourced test water back to the DuPage River with a maximum total test volume of 0.12 MG. The DuPage River (segment code GB-11) has a 7Q10 flow of 93 cfs and is a General Use water. The DuPage River is listed on the draft 2012 Illinois Integrated Water Quality Report and Section 303(d) List as impaired for aquatic life, fish consumption and primary contact uses. The causes of aquatic life use are given as arsenic, chloride, aquatic plants (non-pollutant), methoxychlor, other flow

regime alterations (non-pollutant), alterations in stream-side vegetative cover (non-pollutant), PCBs, total phosphorus and sedimentation/siltation. Causes of fish consumption use impairment are mercury and PCBs and the cause of primary contact use impairment is fecal coliform bacteria. The DuPage River is 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*, and is given an integrity rating of "C" at this location. The DuPage River is designated as an enhanced water pursuant to the dissolved oxygen water quality standard.

Outfall 013 will be a discharge of North Fork Vermilion River water back to the North Fork Vermilion River with a maximum total test volume of 8.7 MG. The North Fork Vermilion River (segment code DSQ-02) has a 7Q10 flow of 0.9 cfs and is a General Use water. The North Fork Vermilion River is not listed on the draft 2012 Illinois Integrated Water Quality Report and Section 303(d) List as impaired for any uses. Illinois EPA has not assessed this water body. The North Fork Vermilion River is 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 publication. The North Fork Vermilion River is not designated as an enhanced water pursuant to the dissolved oxygen water quality standard.

Outfalls 014 and 015 will be discharges of water sourced from respective interstate highway borrow pit ponds back to the respective source ponds. Each will have a total maximum test volume of 7.5 MG. Both ponds are General use waters and do not have water body codes. The ponds are not listed on the draft 2012 Illinois Integrated Water Quality Report and Section 303(d) List as impaired for any uses. Illinois EPA has not assessed these water bodies. The ponds not listed as biologically significant streams in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor are they given an integrity rating in that publication. The ponds are not designated as enhanced waters pursuant to the dissolved oxygen water quality standard.

Identification of Proposed Pollutant Load Increases or Potential Impacts on Uses.

Parameters that will increase in loading are associated with residual materials in the pipeline. Total suspended solids, oil and grease, and iron may be suspended in the test water originating from the inside of the pipe, valves and fittings of the pipeline. Given the natural gas nature of the pipeline, these additions to the test water are anticipated to be minimal. No adverse impacts to the water bodies are anticipated from the hydrostatic tests.

Fate and Effect of Parameters Proposed for Increased Loading.

The iron and total suspended solids discharged will be regulated by the state effluent standards and will become part of the bed sediment of the receiving waters. Oil and grease will also be regulated with the state effluent standard and therefore no visible remnant may be discharged. No adverse effects are anticipated in the receiving waters.

Purpose and Social & Economic Benefits of the Proposed Activity.

It is vitally important that natural gas pipelines be hydrostatically tested to ensure the safety of the nearby communities. Regulations require this testing.

Assessments of Alternatives for Less Increase in Loading or Minimal Environmental Degradation.

The pipeline owner has chosen responsible methods of hydrostatic testing. Waters used in the testing are taken from the receiving stream in all but one instance. Therefore, no possibility exists to spread invasive species during the testing. The single test using municipal drinking water will have a permit limit for total residual chlorine and therefore the water must be dechlorinated before discharge. Erosion control measures will be applied at the points of discharge. This consists of straw bales placed in such a way as to disperse energy and filter particles.

The hydrostatic test methods chosen are the accepted norm for these projects. Hydrostatic testing is a very short-term activity. The discharges will last only one to five days. Arranging for effluents to be land applied, sent to a POTW or other alternatives are not practical for this type of discharge. Discharging the effluents to local surface waters in a responsible manner has been developed as the proper method of dealing with the water needed for the testing.

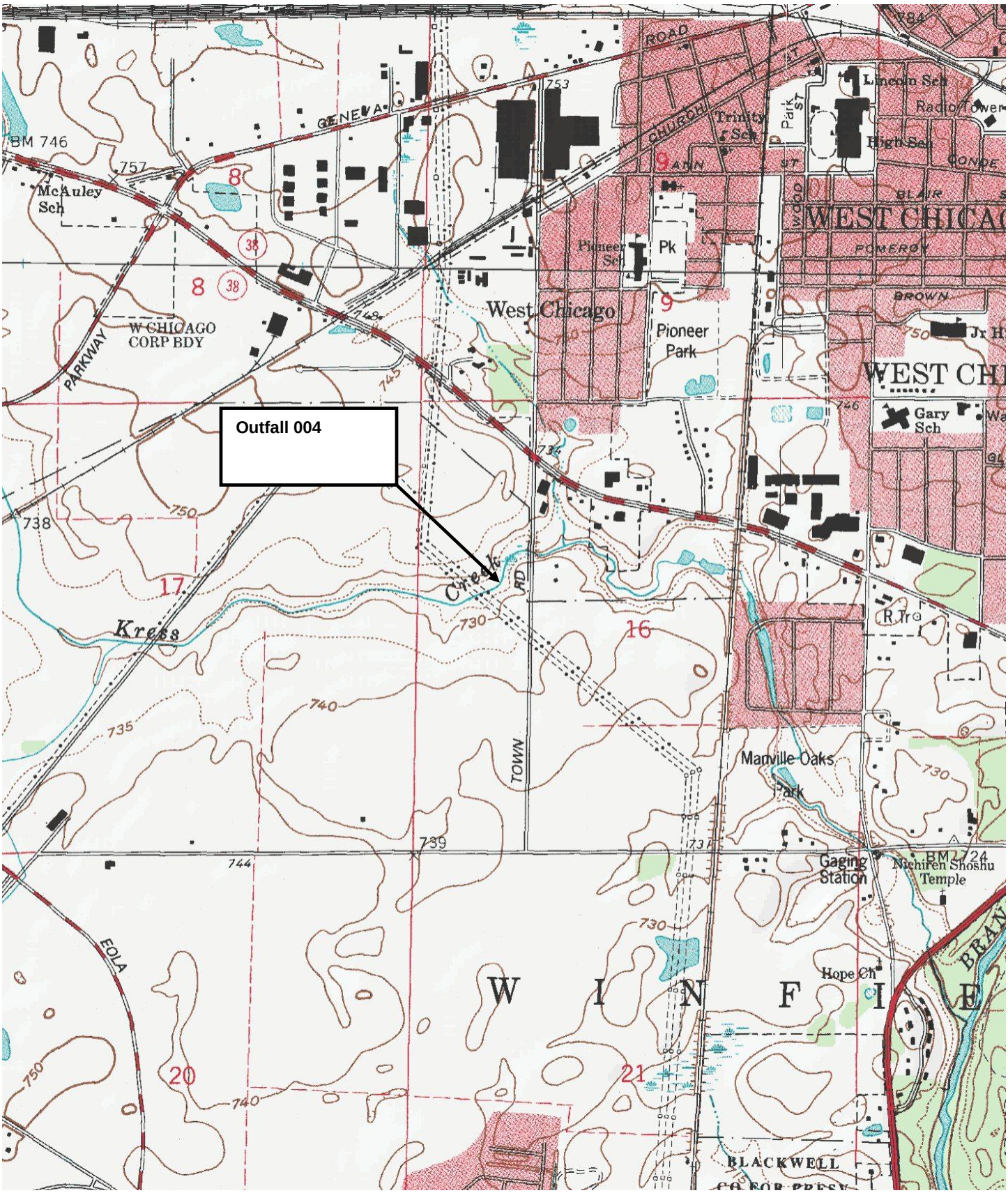
Summary Comments of the Illinois Department of Natural Resources, Regional Planning Commissions, Zoning Boards or Other Entities

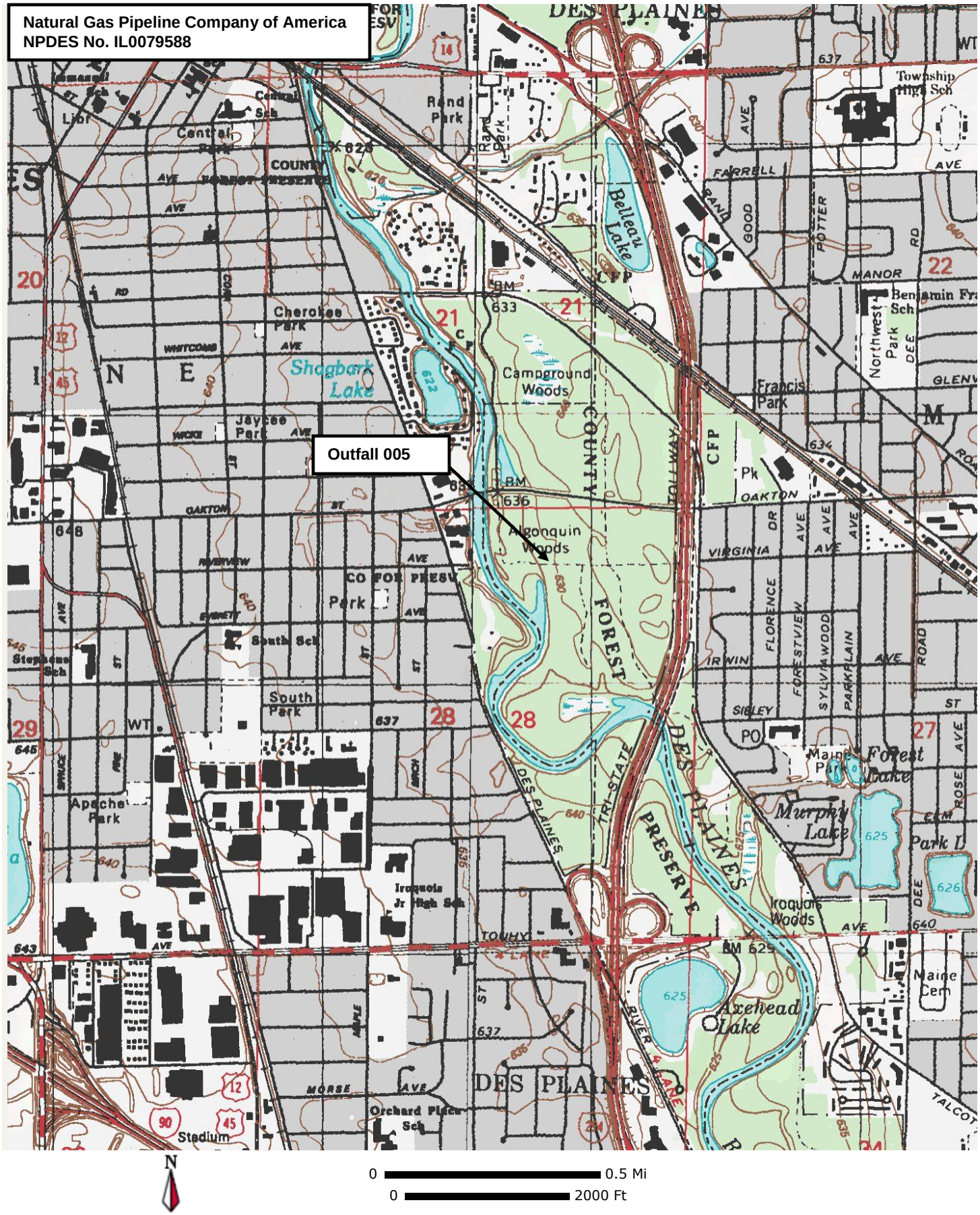
The Illinois Department of Natural Resources was consulted regarding threatened and endangered species issues for each discharge location via the EcoCAT system on October 30, 2012. It was immediately determined that no threatened or endangered species reside in any of the water bodies. Termination of consultation was immediately provided for all but the wetland receiving water (Outfall 010). In that case prairie sites exist near-by. IDNR sent a letter dated November 5, 2012 that provides termination given the lack of likely adverse impacts.

Agency Conclusion.

This preliminary assessment was conducted pursuant to the Illinois Pollution Control Board regulation for Antidegradation found at 35 Ill. Adm. Code 302.105 (antidegradation standard) and was based on the information available to the Agency at the time the draft permit was written. We tentatively find that the proposed activity will result in the attainment of water quality standards; that all existing uses of the receiving streams, ponds and wetland will be maintained; that all technically and economically reasonable measures to avoid or minimize

the extent of the proposed increase in pollutant loading have been incorporated into the proposed activity; and that this activity will benefit the communities at large by ensuring the safety of the natural gas pipeline. Comments received during the NPDES permit public notice period will be evaluated before a final decision is made by the Agency.

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NPDES No. IL0079588
Outfall 005
DES PLAINES
Shagbark Lake
Campground Woods
Algonquin Woods
Belleau Lake
Murphy Lake
Forest Lake
Axehead Lake
Iroquois Woods
Apache Park
Cherokee Park
Rand Park
Central Park
Jaycee Park
South Park
Francis Park
Maine Park
Park D
Maine Cem
Northwest Park
Benjamin Fra Sch
Township High Sch
Central Sch
South Sch
Iroquois Jr High Sch
Orchard Place Sch
Stadium
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COUNTY
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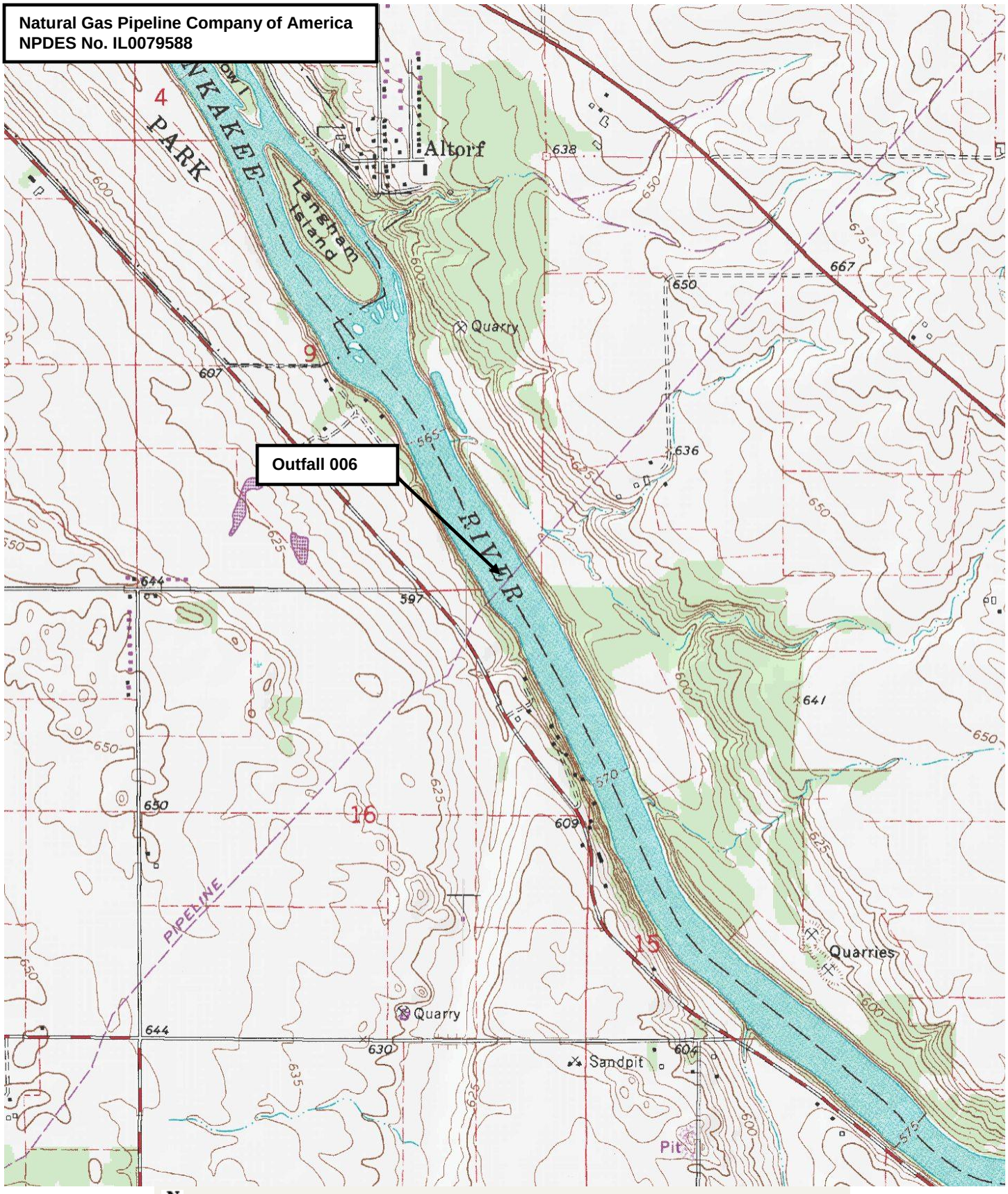
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Altorf
Langham Island
Quarry
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Sandpit
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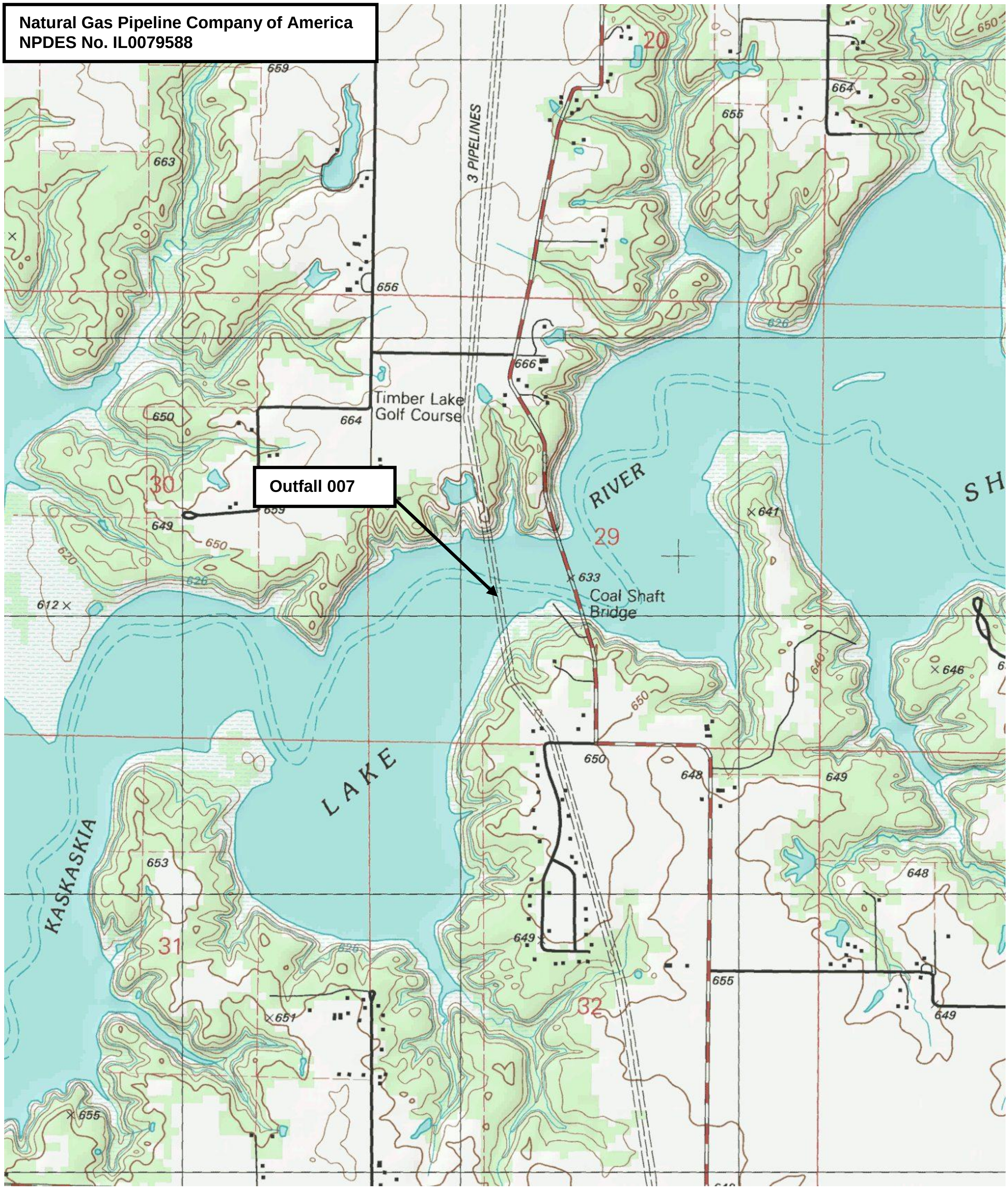
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Outfall 007
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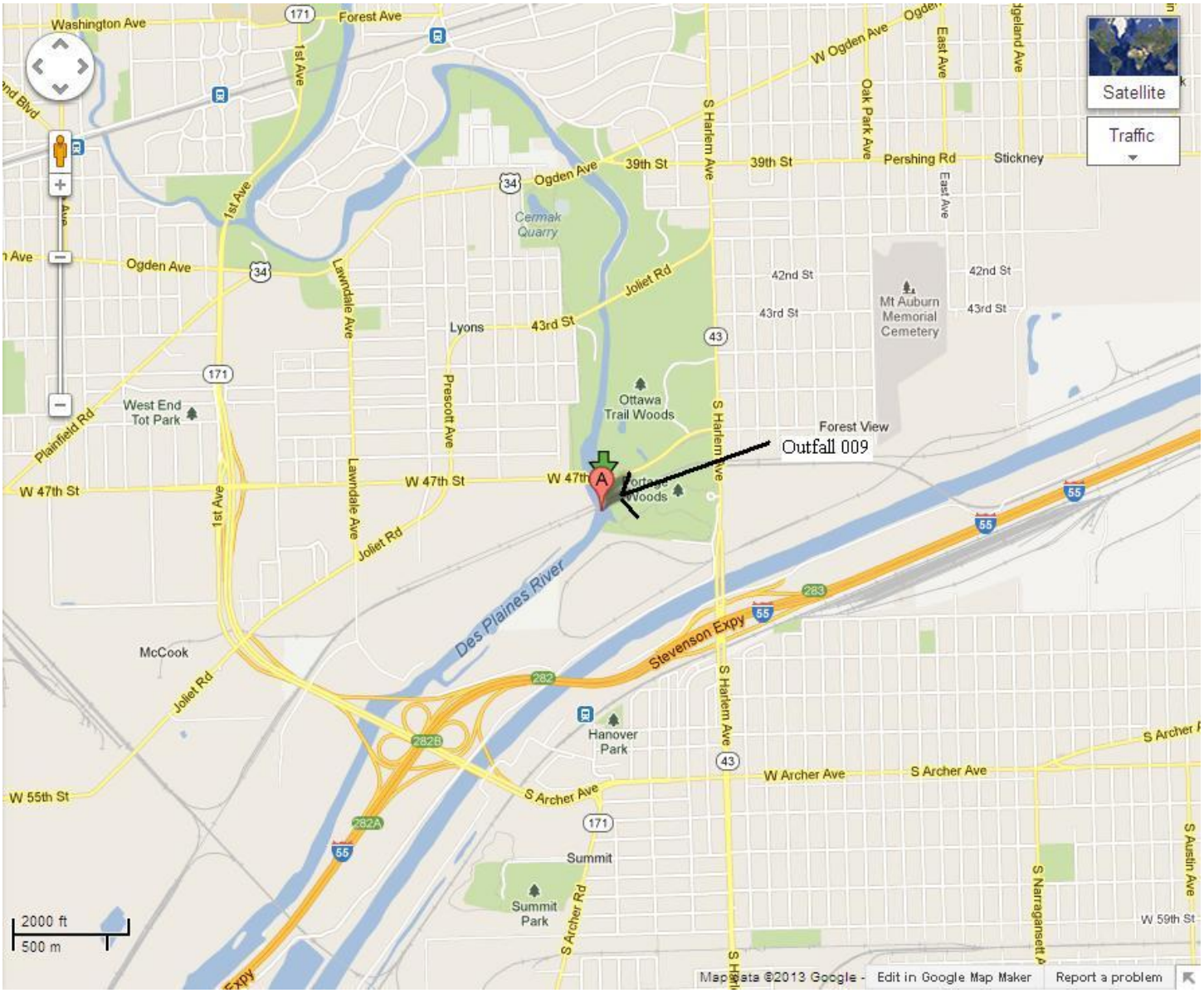
RIVER
Coal Shaft Bridge
LAKE
KASKASKIA
20
29
30
31
32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Stickney
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42nd St
43rd St
Mt Auburn Memorial Cemetery
Lyons
Ottawa Trail Woods
Forest View
West End Tot Park
Plainfield Rd
W 47th St
Lawndale Ave
Prescott Ave
1st Ave
Des Plaines River
Stevenson Expy
McCook
Hanover Park
W Archer Ave
S Archer Ave
W 55th St
Summit
Summit Park
S Harlem Ave
S Archer Rd
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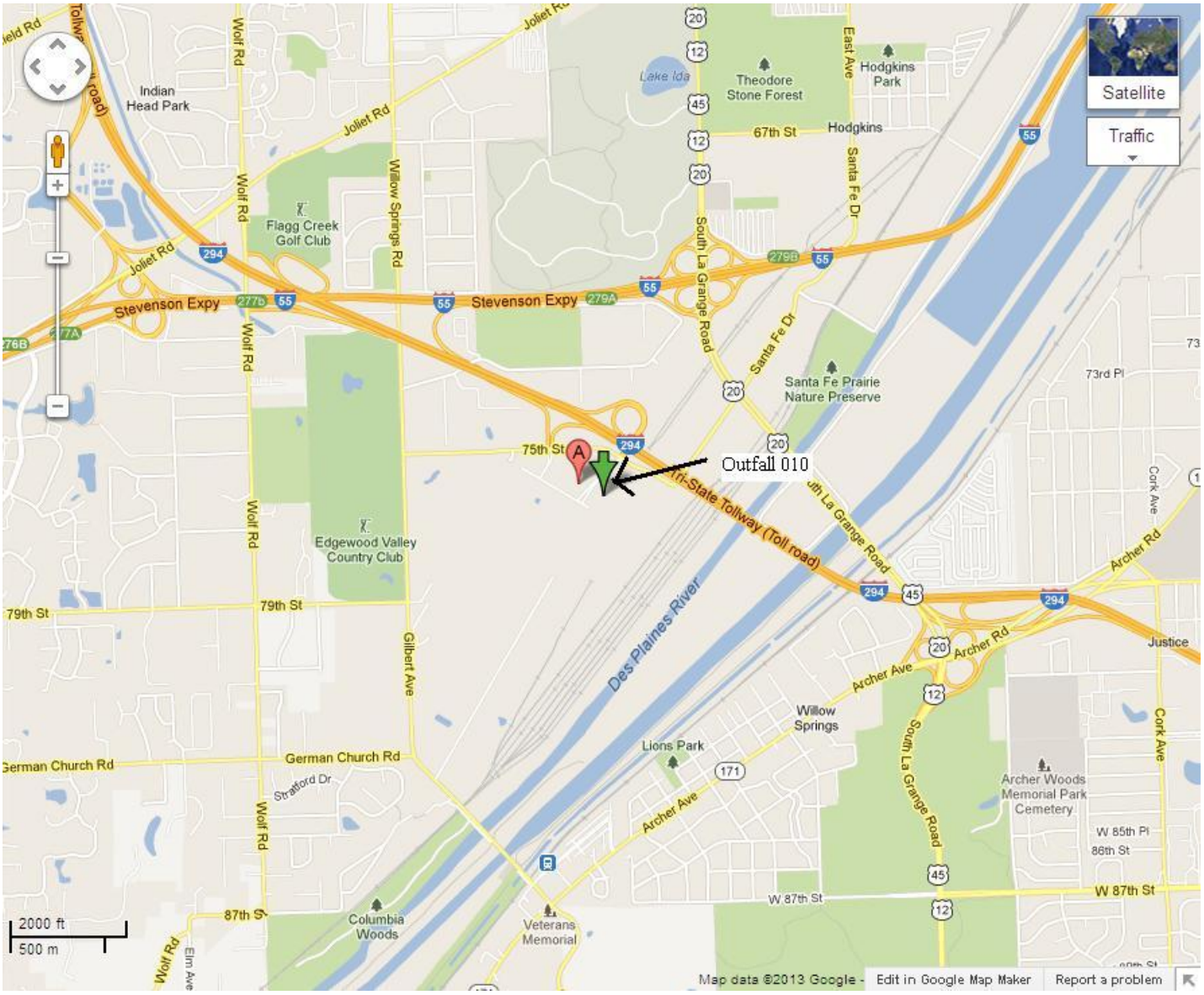
Outfall 010
Indian Head Park
Flagg Creek Golf Club
Edgewood Valley Country Club
Theodore Stone Forest
Hodgkins Park
Hodgkins
Santa Fe Prairie Nature Preserve
Lake Ida
Lions Park
Willow Springs
Columbia Woods
Veterans Memorial
Archer Woods Memorial Park Cemetery
Justice
Joliet Rd
Wolf Rd
Willow Springs Rd
East Ave
Santa Fe Dr
South La Grange Road
Stevenson Expy
Tri-State Tollway (Toll road)
75th St
79th St
German Church Rd
Stratford Dr
Gilbert Ave
Des Plaines River
Archer Ave
Archer Rd
Cork Ave
73rd Pl
W 85th Pl
86th St
W 87th St
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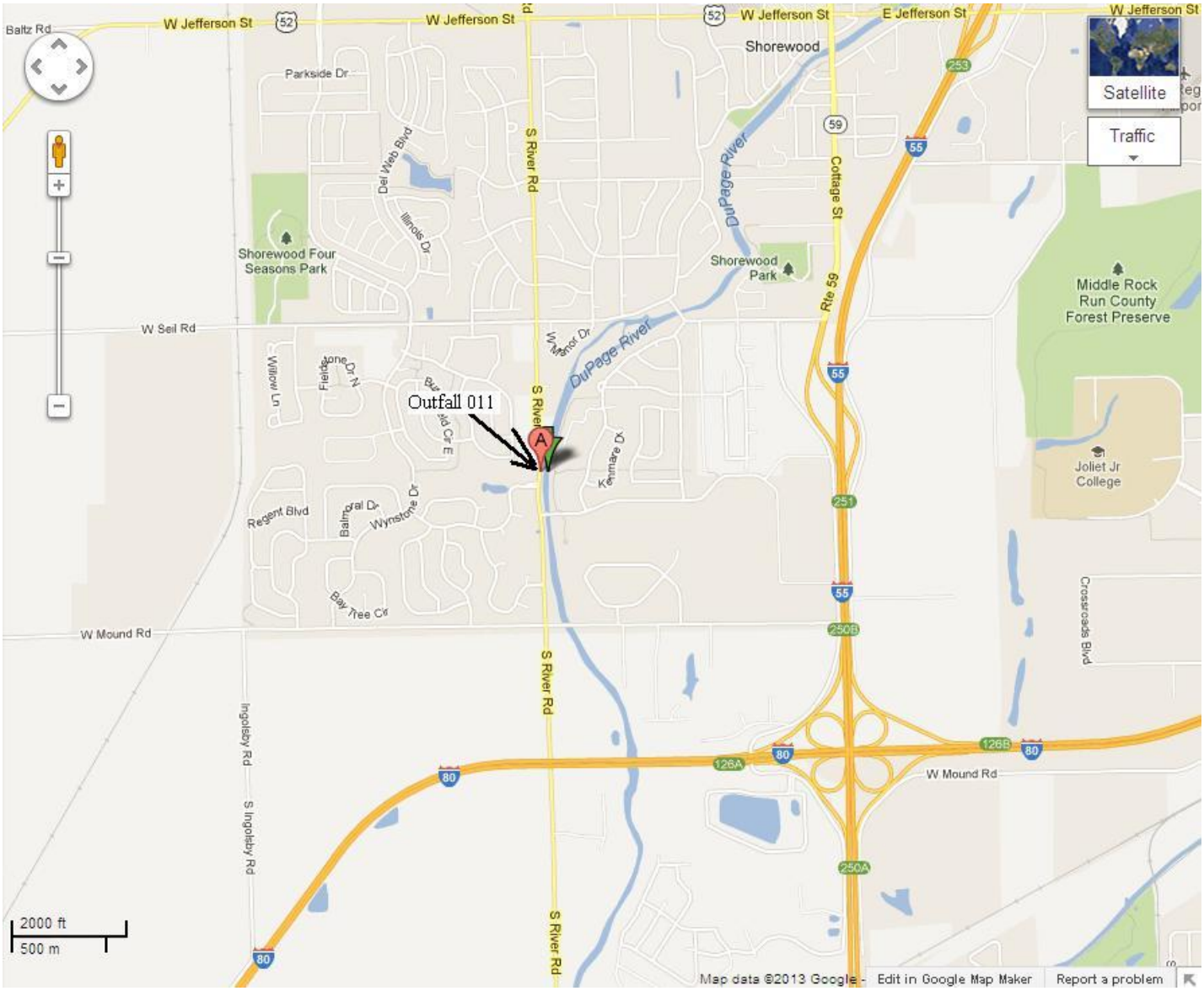
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Baltz Rd
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Shorewood
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DuPage River
Cottage St
Rte 59
Shorewood Four Seasons Park
Shorewood Park
Middle Rock Run County Forest Preserve
W Seil Rd
Willow Ln
Fieldstone Dr N
Burnt Oak Cir E
W Manor Dr
Kenmare Dr
Joliet Jr College
Regent Blvd
Balmoral Dr
Wynstone Dr
Bay Tree Cir
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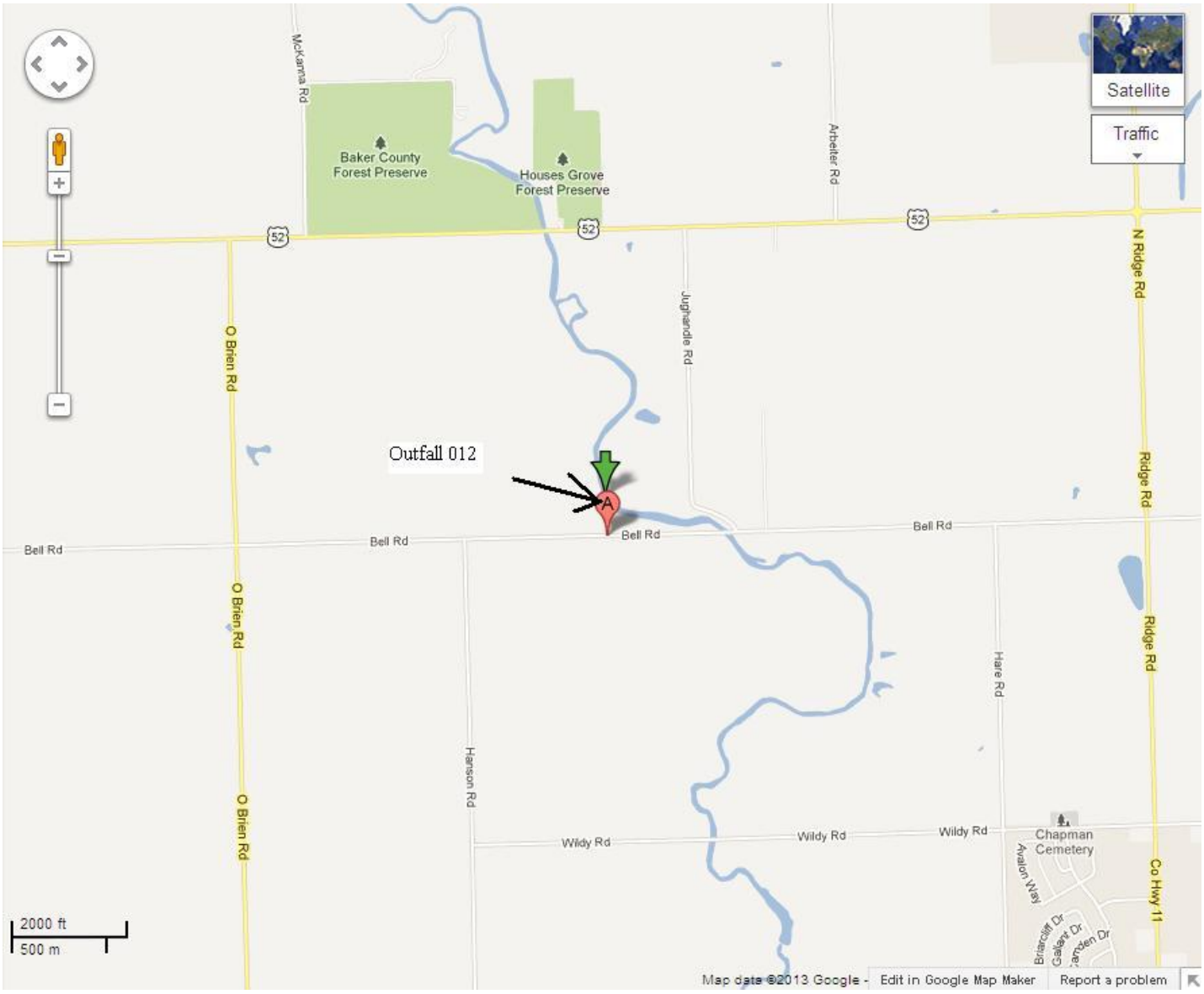
McKanna Rd
Baker County Forest Preserve
Houses Grove Forest Preserve
Arbeiter Rd
Satellite
Traffic
52
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O Brien Rd
Jughandle Rd
Outfall 012
A
Bell Rd
Ridge Rd
Hare Rd
Harrison Rd
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Chapman Cemetery
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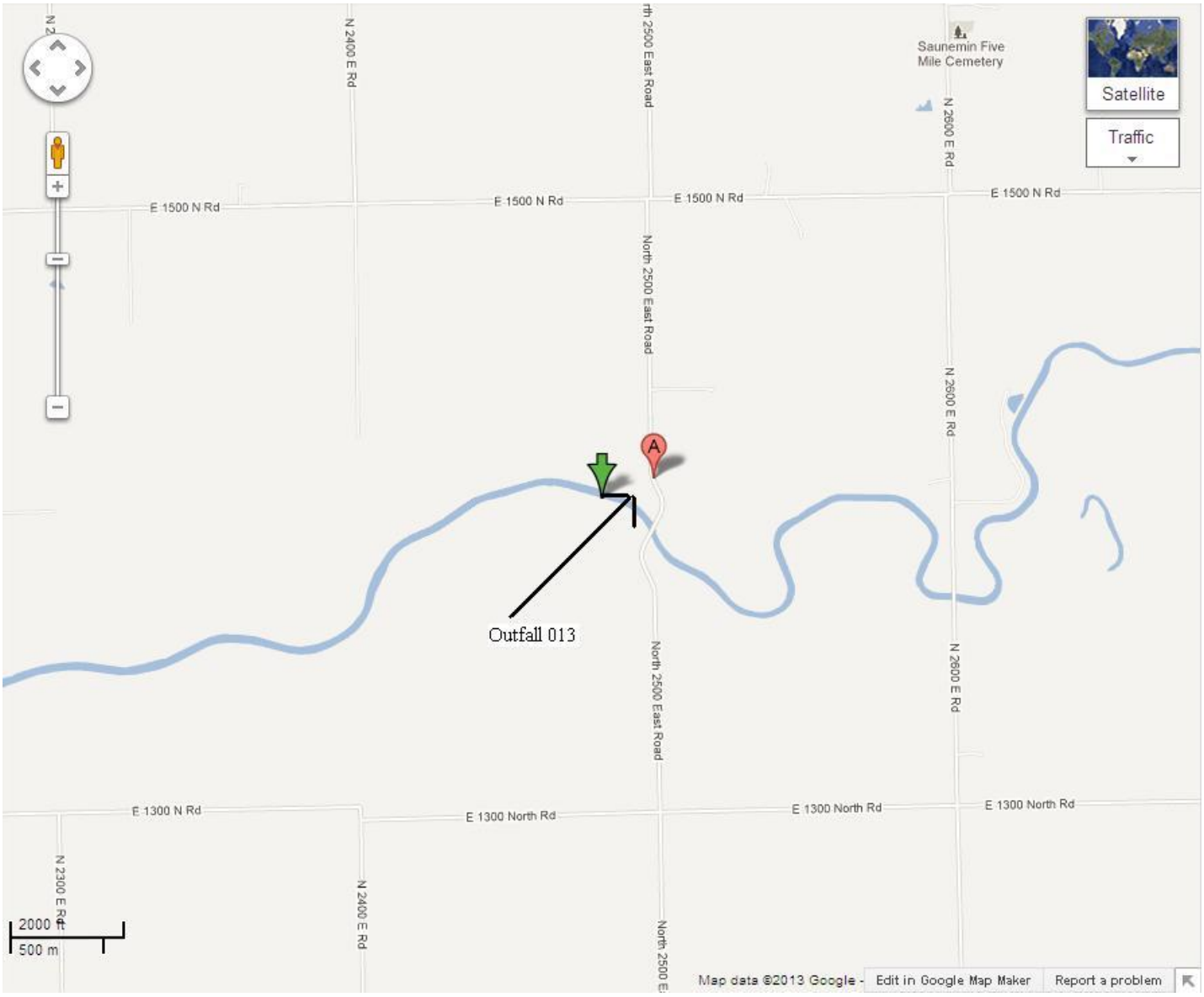
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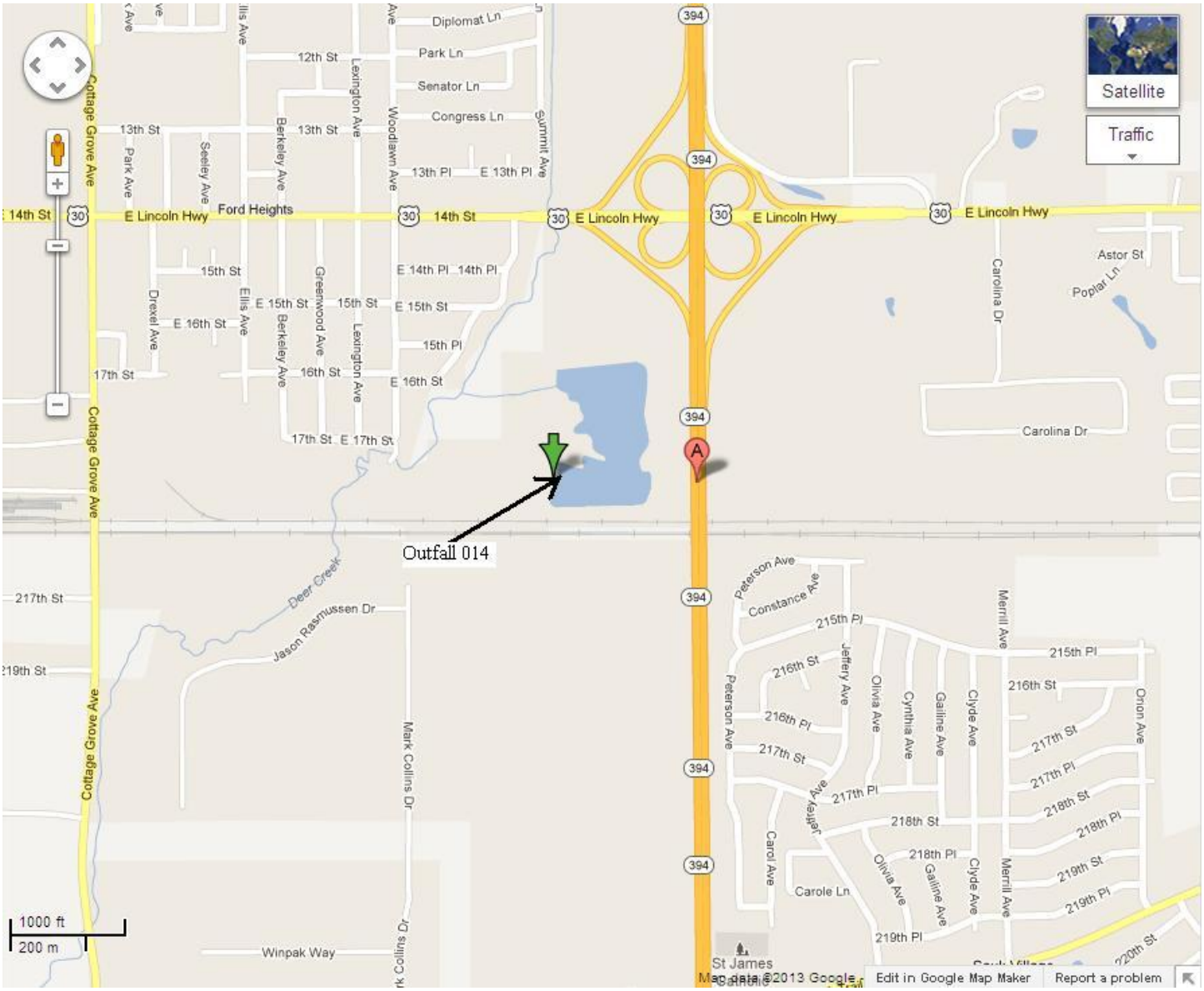
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Park Ln
Senator Ln
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12th St
13th St
13th Pl
E 13th Pl
15th St
E 14th Pl
14th Pl
E 15th St
15th Pl
16th St
E 16th St
17th St
E 17th St
Lexington Ave
Woodlawn Ave
Summit Ave
Berkeley Ave
Greenwood Ave
Ellis Ave
Drexel Ave
Seeley Ave
Park Ave
Carolina Dr
Astor St
Poplar Ln
Deer Creek
Jason Rasmussen Dr
Mark Collins Dr
Winpak Way
217th St
219th St
Peterson Ave
Constance Ave
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Jeffery Ave
Olivia Ave
Cynthia Ave
Galline Ave
Clyde Ave
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Orion Ave
Carol Ave
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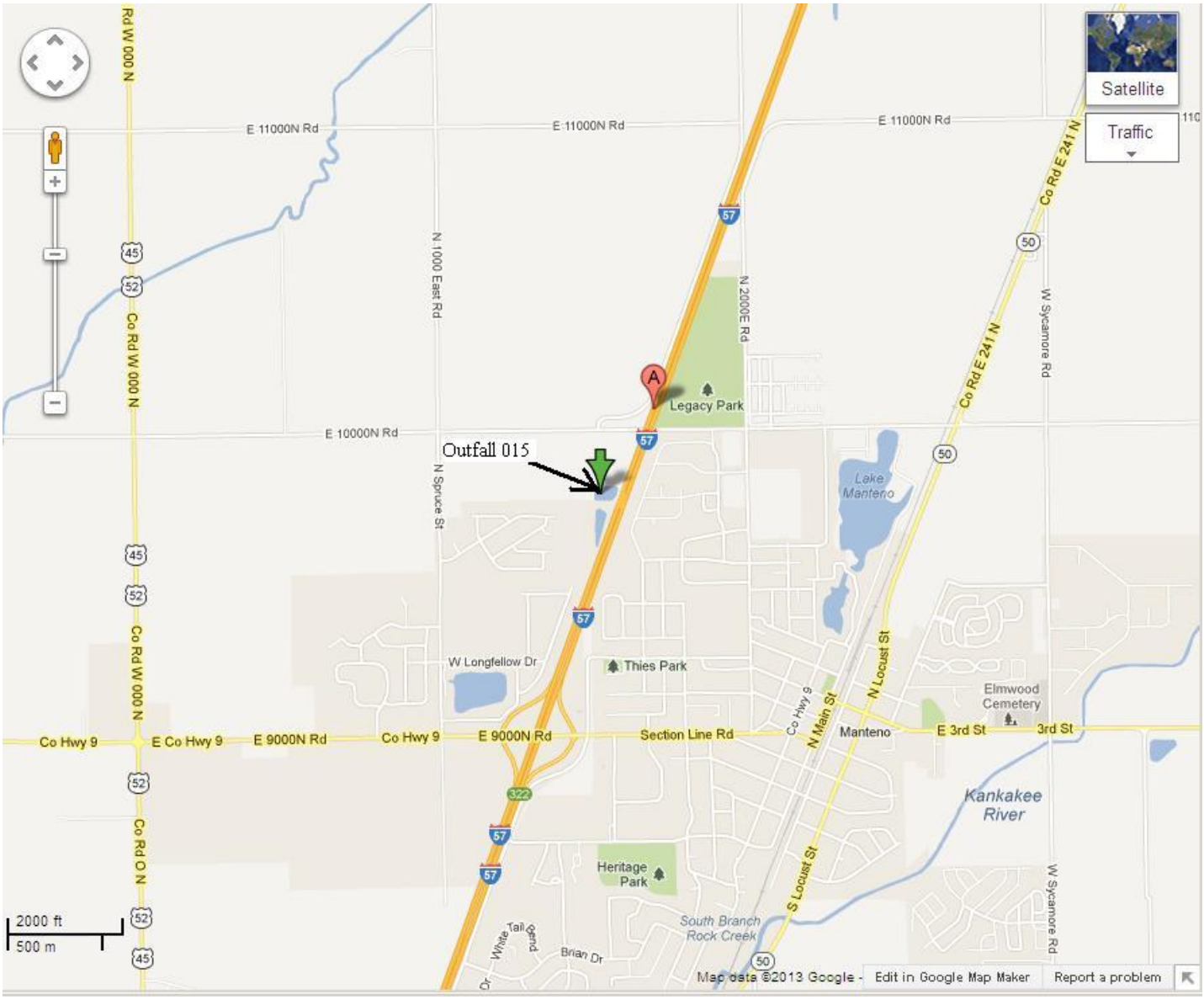
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Legacy Park
Outfall 015
N Spruce St
Lake Manteno
W Longfellow Dr
Thies Park
Co Hwy 9
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E 9000N Rd
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N Main St
N Locust St
Manteno
E 3rd St
3rd St
Elmwood Cemetery
Kankakee River
Heritage Park
South Branch Rock Creek
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Map data ©2013 Google -
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Report a problem

NPDES Permit No. IL0079588

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

Modified (NPDES) Permit

Expiration Date: July 31, 2016

Issue Date: August 10, 2011
Effective Date: August 10, 2011
1st Modification Date: May 9, 2012
2nd Modification Date: August 28, 2012
3rd Modification Date:

Name and Address of Permittee:

Natural Gas Pipeline Company of America, LLC
370 Van Gordon Street
Lakewood, Colorado 80228

Facility Name and Address:

Natural Gas Pipeline Company of America
Various Locations
(Cook, DuPage, Kankakee, Moultrie, Piatt and Will Counties)

Discharge Number and Name:	Receiving Waters:
004 Hydrostatic Test Water	Kress Creek
005 Hydrostatic Test Water	Des Plaines River
006 Hydrostatic Test Water	Kankakee River
007 Hydrostatic Test Water	Lake Shelbyville
009 Hydrostatic Test Water	Des Plaines River
010 Hydrostatic Test Water	Unnamed tributary to Des Plaines River
011 Hydrostatic Test Water	DuPage River
012 Hydrostatic Test Water	Aux Sable Creek
013 Hydrostatic Test Water	North Vermillion River
014 Hydrostatic Test Water	Unnamed Surface Pond
015 Hydrostatic Test Water	Unnamed Surface Pond

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:MEL:12053101.mel

Effluent Limitations and Monitoring

1. From the 2nd modification 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): 005 Hydrostatic Test Water (DAF = 0.12 MGD)
006 Hydrostatic Test Water (DAF = 4.1 MGD)
007 Hydrostatic Test Water (DAF = 3.6 MGD)
009 Hydrostatic Test Water (DAF = 4.2 MGD)
011 Hydrostatic Test Water (DAF = 0.12 MGD)
012 Hydrostatic Test Water (DAF = 0.12 MGD)
013 Hydrostatic Test Water (DAF = 8.7MGD)
014 Hydrostatic Test Water (DAF = 7.5 MGD)
015 Hydrostatic Test Water (DAF = 7.5 MGD)

	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
Flow (MGD)	See Special Condition 1				Daily When Discharging	
pH	See Special Condition 2				Daily When Discharging	Grab
Total Suspended Solids			15	30	Daily When Discharging	Grab
Oil and Grease			15	30	Daily When Discharging	Grab
Iron			2	4	Daily When Discharging	Grab

Effluent Limitations and Monitoring

1. From the 2nd modification 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): 004 Hydrostatic Test Water (DAF = 7.9 MGD)
010 Hydrostatic Test Water (DAF = 0.7 MGD)

	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
Flow (MGD)	See Special Condition 1				Daily When Discharging	
pH	See Special Condition 14				Daily When Discharging	Grab
Total Suspended Solids			15	30	Daily When Discharging	Grab
Oil and Grease			15	30	Daily When Discharging	Grab
Iron			2	4	Daily When Discharging	Grab
Total Residual Chlorine	See Special Condition 15			0.05	Daily When Discharging	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 value on the monthly Discharge Monitoring Report.

SPECIAL CONDITION 2. The pH shall be in the range 6.0 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) 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 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.

SPECAIL CONDITION 6. In addition to other requirements of this permit, 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 7. The permittee shall provide telephone notification to the IEPA Des Plaines Regional Office, (847) 294-4000, at least 24 hours prior to any hydrostatic pipeline testing which may result in a 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. Solid wastes such as straw used for filtering or erosion control shall be disposed of in accordance with state and federal law.

SPECIAL CONDITION 10. The permittee shall only discharge hydrostatic test water to the watersheds from which it was withdrawn.

SPECIAL CONDITION 11. In the event that the permittee shall require the use of water treatment additives, the permittee must request a change in this permit in accordance with the Standard Conditions - Attachment H.

SPECIAL CONDITION 12. In the event the permittee requires a new discharge location, the permittee must complete and submit application forms 1 and 2D for each new location.

SPECIAL CONDITION 13. 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 Conditions

SPECIAL CONDITION 14. 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 15. 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.