

NPDES Permit No. IL0080049

Notice No. DEL:MEL:13100101.mel

Public Notice Beginning Date: **October 11, 2013**

Public Notice Ending Date: **November 12, 2013**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft New 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 Permittee:

Kinder Morgan Cochin, LLC
2959 Sierra Court SW
Iowa City, Iowa 52240

Name and Address of Facility:

Cochin Pipeline – Kankakee Tank Farm
W 7000S Rd. and S 8000W Rd.
SW of Kankakee, Illinois
(Kankakee 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 Permittee. 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.

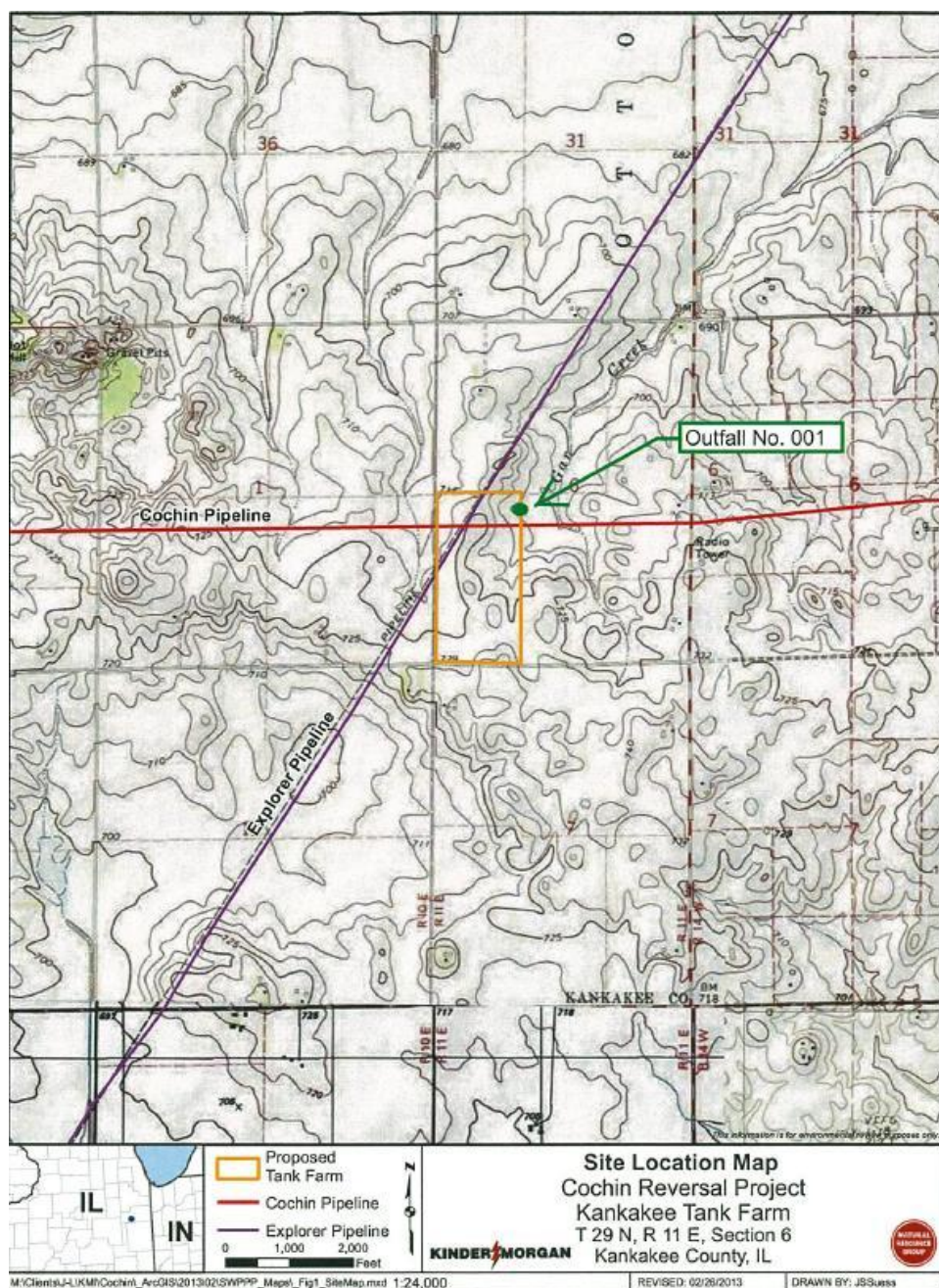
The applicant is engaged in the operation of a tank farm connected to the Cochin Pipeline and Explorer Pipeline (SIC 4613). Waste water is generated from the discharge of hydrostatic test water during new tank construction. Construction of the tank farm will result in a discharge of 8.4 MGD of hydrostatic test water from outfall 001.

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

Outfall	Receiving Stream	Latitude	Longitude	Stream Classification	Integrity Rating
001	Gar Creek	41° 01' 16" North	88° 00' 45" West	General Use	Not Rated

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

The unlisted stream segment receiving the discharge from outfall(s) 001 is not on the 2012 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

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/L		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow						35 IAC 309.146
pH				6.5-9.0		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

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 Kinder Morgan Cochin, LLC – Cochin Pipeline – Kankakee Tank Farm
NPDES Permit No. IL0080049 Kankakee County

The subject facility has applied for an NPDES permit for the hydrostatic testing of a new tank farm along the existing Cochin Pipeline. Kinder Morgan is preparing to reverse its Cochin Pipeline to transport light condensate from Kankakee County, Illinois to existing terminal facilities in Fort Saskatchewan, Alberta, Canada. Reversal of the pipeline requires Kinder Morgan to construct the tank farm to allow delivery of light condensate from an existing pipeline. Five storage (breakout) tanks and a pump station would be constructed northeast of the intersection of W 7000S Road and S 8000W road in Section 6, Township 29 North, Range 11 East. Each tank would be hydrostatically tested using onsite well water and discharged at a maximum rate of 3,000 gallons per minute into an energy dissipation device prior to entering an onsite storm water retention basin. Discharges would occur from one large discharge event (8,400,000 gallons) over multiple days and up to five smaller discharges (10,000 gallons). Overflow from the retention basin (Outfall 001) would be sent through a grass waterway with additional energy dissipation devices before being received by Gar Creek.

Identification and Characterization of the Affected Water Body.

Gar Creek (Segment FJ) is a General Use water with zero 7Q10 flow. It has not been assessed under the Agency's 305(b)/303(d) program and 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 is not enhanced in regards to the dissolved oxygen water quality standard.

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

Parameters that would increase in loading are associated with the groundwater used for testing and the residual materials in the new tanks and piping. Dissolved iron would likely be present in the well water but would become oxidized upon discharge. Total suspended solids and oil and grease may be present in the new tanks, pipes, valves and fittings but these additions are expected to be minimal. No adverse impact to Gar Creek is anticipated from the hydrostatic tests.

Fate and Effect of Parameters Proposed for Increased Loading.

Iron and total suspended solids would be regulated by the state effluent standards and would become part of the bed sediment of the receiving waters. Oil and grease would also be regulated with the state effluent standard and therefore no visible remnant may be discharged.

Purpose and Social & Economic Benefits of the Proposed Activity.

It is vitally important that these tanks and 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. Well water from the local aquifer would be used for testing and discharged to Gar Creek. Erosion control measures would be applied at the points of discharge into and from the retention basin. This consists of straw bales or geotextile structures placed in a manner 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. 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 IDNR EcoCAT system was consulted on September 27, 2013. It was immediately determined that no State-listed threatened or endangered species, Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves are in the vicinity of the project location. Consultation was immediately terminated.

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 stream would 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 tanks and pipeline. Comments received during the NPDES permit public notice period will be evaluated before a final decision is made by the Agency.

NPDES Permit No. IL0080049

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

New (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

Kinder Morgan Cochin, LLC
2959 Sierra Court SW
Iowa City, Iowa 52240

Facility Name and Address:

Cochin Pipeline – Kankakee Tank Farm
W 7000S Rd. and S 8000W Rd.
SW of Kankakee, Illinois
(Kankakee County)

Discharge Number and Name:

001 – Hydrostatic Test Water

Receiving Waters:

Gar 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:MEL:13100101.mel

NPDES Permit No. IL0080049

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:

	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
Outfall 001 – Hydrostatic Test Water (Discharge = 8.4 MGD)						
Flow	See Special Condition 1				Continuous	Single Reading
pH	See Special Condition 2				1/Event	Grab
Total Suspended Solids			15	30	1/Event	Grab
Oil and Grease			15	30	1/Event	Grab
Iron			2	4	1/Event	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 6.5 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) 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.

SPECIAL 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.