

NPDES Permit No. IL0025461
Notice No. MEL:11082502.bah

Public Notice Beginning Date: **March 20, 2013**

Public Notice Ending Date: **April 19, 2013**

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:

CITGO Petroleum Corporation
2316 Terminal Drive
Arlington Heights, Illinois 60005

Name and Address of Facility:

Arlington Heights West Terminal
2316 Terminal Drive
Arlington Heights, Illinois 60005
(Cook 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 Mark E. Liska at 217/782-0610.

The applicant is engaged in the operations of a bulk petroleum product terminal (SIC 5171). Waste water is generated from the discharge of stormwater runoff, load rack runoff, and hydrostatic test water. Plant operation results in an average discharge of 0.185 MGD of stormwater runoff, load rack runoff, and hydrostatic test water from outfall 001 and outfall 002 and an intermittent discharge of hydrostatic test water from outfall A01 and A02.

The following modification is proposed: This permit will be combined with NPDES Permit IL0042242, formerly owned by PDV Midwest Refining. Outfall 001 from that permit will become outfall 002 in this permit. NPDES permit IL0042242 will be terminated simultaneously with the renewal of this permit. The discharge from outfall 002 from permit IL0042242 has been removed and will not be in this permit.

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

Outfall	Receiving Stream	Latitude	Longitude	Stream Classification	Integrity Rating
001	Higgins Creek	42° 1' 39" North	87° 57' 15" West	General Use	Not Rated
002	Higgins Creek	42° 1' 23" North	87° 57' 16" West	General Use	Not Rated

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

The stream segment GOA-01 receiving the discharge from outfalls 001 and 002 is listed as impaired on the draft 2010 Illinois Integrated Water Quality Report and Section 303(d) List. The impaired designated uses and pollutants causing impairment are tabulated below:

Designated Uses	Pollutants Causing Impairment
Aquatic Life	Chloride, Fluoride, Total Phosphorus, and Zinc
Primary Contact	Fecal Coliform

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

Outfall: 001 – Stormwater Runoff, Loading Rack Runoff, and Hydrostatic Test Water (Historical Avg. = 0.185 MGD)

Outfall: 002 – Stormwater Runoff, Loading Rack Runoff, and Hydrostatic Test Water (Historical Avg. = 0.185 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						35 IAC 309.146
pH				6.5-9.0		35 IAC 302.204
BOD ₅				10	20	35 IAC 304.120(c)
Oil and Grease				15	30	35 IAC 304.124
Benzene				Monitor Only		35 IAC 309.146
Ethylbenzene				Monitor Only		35 IAC 309.146
Toluene				Monitor Only		35 IAC 309.146
Xylenes				Monitor Only		35 IAC 309.146
Total BETX				Monitor Only		35 IAC 309.146
PNA's				Monitor Only		35 IAC 309.146
Outfall: A01 – Hydrostatic Test Water (Intermittent Discharge, Approximately 3 MG/Year) Outfall: A02 – Hydrostatic Test Water (Intermittent Discharge, Approximately 3 MG/Year)						
Flow						35 IAC 309.146
pH				6.5-9.0		35 IAC 302.204
Oil and Grease				15	30	35 IAC 304.124
Benzene					0.05	40 CFR 125.3
Ethylbenzene				0.014	0.15	35 IAC 302.208
Toluene				0.6	2.0	35 IAC 302.208
Xylenes				0.36	0.92	35 IAC 302.208
Total BETX					0.75	40 CFR 125.3
PNA's					0.1	40 CFR 125.3
Total Residual Chlorine					0.05	40 CFR 125.3

The following explain the conditions of the proposed permit:

Special Conditions will require monthly DMR submission, define PNAs, and explain hydrostatic testing requirements.

Although a new outfall, outfall 002, has been added, this discharge was previously permitted under NPDES Permit IL0042242 which will be terminated simultaneously with the renewal of this permit. Because there is no new previously unpermitted discharge and no net increase in any loading, an antidegradation assessment is not required under 35 Ill. Adm. Code 302.105.



NPDES Permit No. IL0025461

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:

CITGO Petroleum Corporation
2316 Terminal Drive
Arlington Heights, Illinois 60005

Facility Name and Address:

Arlington Heights West Terminal
2316 Terminal Drive
Arlington Heights, Illinois 60005
(Cook County)

Discharge Number and Name:

001 – Stormwater Runoff, Loading Rack Runoff, and Hydrostatic
Test Water

A01 – Hydrostatic Test Water

002 – Stormwater Runoff, Loading Rack Runoff, and Hydrostatic
Test Water

A02 – Hydrostatic Test Water

Receiving Waters:

Higgins Creek

Internal Outfall

Higgins Creek

Internal Outfall

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:11082502.bah

NPDES Permit No. IL0025461

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: 001 – Stormwater Runoff, Loading Rack Runoff, and Hydrostatic Test Water (Historical Avg. = 0.185 MGD)

Outfall: 002 – Stormwater Runoff, Loading Rack Runoff, and Hydrostatic Test Water (Historical Avg. = 0.185 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	See Special Condition 1				Continuous	Measure
pH	See Special Condition 2				1/Month	Grab
BOD ₅			10	20	1/Month	Grab
Oil and Grease			15	30	1/Month	Grab
Benzene			Monitor Only		2/Year*	Grab
Ethylbenzene			Monitor Only		2/Year*	Grab
Toluene			Monitor Only		2/Year*	Grab
Xylenes***			Monitor Only		2/Year*	Grab
Total BETX****			Monitor Only		2/Year*	Calculation
PNA's*****			Monitor Only		2/Year*	Grab
Outfall: A01 – Hydrostatic Test Water (Intermittent Discharge, Approximately 3 MG/Year) Outfall: A02 – Hydrostatic Test Water (Intermittent Discharge, Approximately 3 MG/Year)						
Flow	See Special Condition 1				Daily**	Measure
pH	See Special Condition 2				Daily**	Grab
Oil and Grease			15	30	Daily**	Grab
Benzene				0.05	Daily**	Grab
Ethylbenzene			0.014	0.15	Daily**	Grab
Toluene			0.6	2.0	Daily**	Grab
Xylenes***			0.36	0.92	Daily**	Grab
Total BETX****				0.75	Daily**	Calculation
PNA's*****				0.1	Daily**	Grab
Total Residual Chlorine				0.05	Daily**	Grab

*2/year samples shall be taken in the months of April and October and reported in the following month's DMR.

**Sampling shall occur on a daily basis during a hydrostatic discharge event only.

***Xylenes include ortho-, para, and meta-xylenes.

****Total BETX is defined as the arithmetic sum of Benzene, Ethylbenzene, Toluene, and Xylenes.

*****See Special Condition 7.

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 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. 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 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. 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: No effluent shall contain settleable solids, floating debris, visible oil, grease, scum or sludge solids. Color, odor and turbidity must be reduced to below obvious levels.

SPECIAL CONDITION 7. For the purposes of this permit, Total PNAs is defined as the arithmetic sum of the following polynuclear aromatic compounds: Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Indeno(1,2,3-c,d)pyrene, Chrysene, Fluoranthene, Fluorene, Naphthalene, Phenanthrene, and Pyrene. For the purpose of showing compliance with the limit for PNAs, concentrations found to be below detection shall be considered zero.

SPECIAL CONDITION 8. Prior to discharge of Hydrostatic Test Water via internal outfall A01, the Permittee shall notify the Des Plaines Regional Office at least 48 hours in advance of discharge by phone at 847-294-4000.

