

NPDES Permit No. IL0004219  
Notice No. LRL:13030701.daa

Public Notice Beginning Date: **May 22, 2013**

Public Notice Ending Date: **June 21, 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:

Texaco Downstream Properties Inc.  
1 Illinois Street  
Lawrenceville, Illinois 62439

Name and Address of Facility:

Texaco Downstream Properties Inc.  
1 Illinois Street  
Lawrenceville, Illinois 62439  
(Lawrence 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 Leslie Lowry at 217/782-0610.

The applicant is engaged in the remediation of a demolished oil refinery site, the former Indian Refinery (SIC 9995). Plant operation results in an average discharge of 0.48 MGD of treated stormwater and remediation water from outfall 001.

Application is made for existing discharge which is located in Lawrence 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	Embarras River	38° 42' 37"	North	87° 40' 17"	West	General Use	E

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

The stream segment BE-01 receiving the discharge from outfall 001 is 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 following parameters have been identified as the pollutants causing impairment:

<u>Potential Cause</u>	<u>Designated Use</u>
Fecal Coliform	Primary Contact

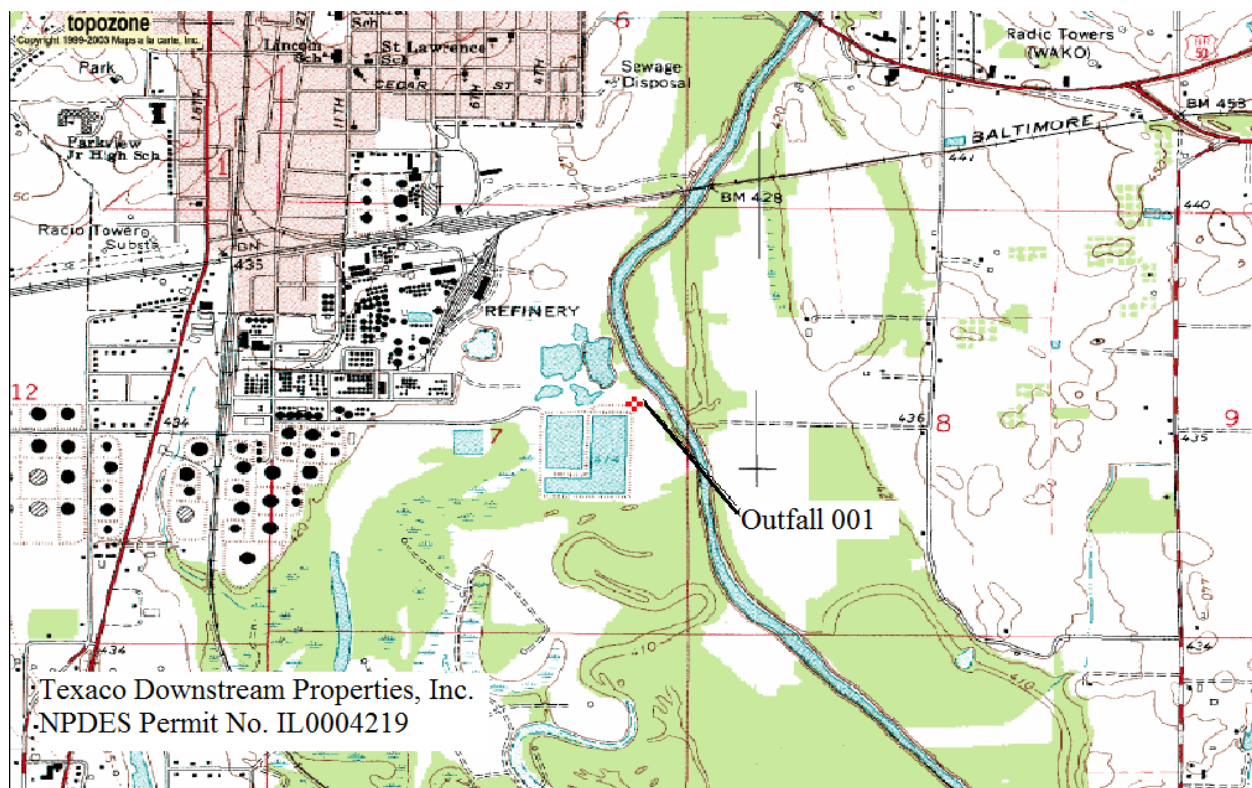
The discharge from the facility shall be monitored and limited at all times as follows:

	<u>LOAD LIMITS lbs/day</u> <u>DAF (DMF)</u>			<u>CONCENTRATION</u> <u>LIMITS mg/l</u>		
PARAMETER	30 DAY AVGERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVGERAGE	DAILY MAXIMUM	REGULATION
<u>Outfall 001:</u>						
Flow (MGD)						
pH				6 – 9 s.u.		35 IAC 304.125
Total Suspended Solids				15	30	35 IAC 304.124
Oil and Grease				15	30	35 IAC 304.124
Benzene					0.05	40 CFR 122.44(l)
Ethylbenzene				0.014	0.15	35 IAC 302.208
Toluene				0.14	1.75	40 CFR 122.44
Xylene (Total)				0.11	0.92	40 CFR 122.44(l) and 35 IAC 302.208
Total BETX					0.75	40 CFR 125.3
Acenaphthene				0.062	0.12	35 IAC 302.210
Acenaphthylene				0.015	0.19	35 IAC 302.210
Anthracene				0.00053	0.00066	35 IAC 302.210
Benzo(a)anthracene				0.00016		35 IAC 302.210
Benzo(a)pyrene				0.000016		35 IAC 302.210
Benzo(b)fluoranthene				0.00016		35 IAC 302.210
Benzo(k)fluoranthene				0.0016		35 IAC 302.210
Chrysene				0.016		35 IAC 302.210
Dibenzo(a,h)anthracene				0.000016		35 IAC 302.210

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVGERAGE	DAILY MAXIMUM		30 DAY AVGERAGE	DAILY MAXIMUM	
<u>Outfall 001 cont.</u>						
Indeno(1,2,3-cd)pyrene				0.00016		35 IAC 302.210
Fluoranthene				0.0018	0.0043	35 IAC 302.210
Fluorene				0.016	0.059	35 IAC 302.210
Naphthalene				0.068	0.51	35 IAC 302.210
Phenanthrene				0.0037	0.046	35 IAC 302.210
Pyrene				3.5		35 IAC 302.210
Phenols					0.1	35 IAC 302.210
Chromium (Total)				1	2	35 IAC 304.124
Chromium (Hexavalent)				0.011	0.016	35 IAC 302.210
Chlorides					500	35 IAC 302.208
Sulfates					500	40 CFR 122.44(l)
Benzo(g,h,i)perylene				Monitor Only		

The following explain the conditions of the proposed permit:

The special conditions clarify flow, pH, monitoring location, discharge monitoring report submission, oil and grease, stormwater, and monitoring frequency.



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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:

Facility Name and Address:

Texaco Downstream Properties Inc.  
1 Illinois Street  
Lawrenceville, Illinois 62439

Texaco Downstream Properties Inc.  
1 Illinois Street  
Lawrenceville, Illinois 62439  
(Lawrence County)

Discharge Number and Name:

Receiving Waters:

001 Treated Stormwater and Remediation Water

Embarras River

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

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Effluent Limitations and Monitoring

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

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVGERAGE	DAILY MAXIMUM	30 DAY AVGERAGE	DAILY MAXIMUM		
<u>Outfall 001</u> – Treated Stormwater and Remediation Water* (DAF = 0.9 MGD)						
Flow (MGD)	See Special Condition 1.				Daily	Continuous
pH	See Special Condition 2.				1/Month	Grab
Total Suspended Solids			15	30	1/Month	Composite
Oil and Grease	See Special Condition 7.		15	30	1/Month	Composite
Benzene				0.05	1/Quarter	Grab
Ethylbenzene			0.014	0.15	1/Quarter	Grab
Toluene			0.14	1.75	1/Quarter	Grab
Xylene (Total)			0.11	0.92	1/Quarter	Grab
Total BETX				0.75	1/Quarter	Calculation
Accenaphthene			0.062	0.12	1/Quarter	Grab
Acenaphthylene			0.015	0.19	1/Quarter	Grab
Anthracene			0.00053	0.00066	1/Quarter	Grab
Benzo(a)anthracene			0.00016		1/Quarter	Grab
Benzo(a)pyrene			0.000016		1/Quarter	Grab
Benzo(b)fluoranthene			0.00016		1/Quarter	Grab
Benzo(k)fluoranthene			0.0016		1/Quarter	Grab
Chrysene			0.016		1/Quarter	Grab
Dibenzo(a,h)anthracene			0.000016		1/Quarter	Grab
Indeno(1,2,3-cd)pyrene			0.00016		1/Quarter	Grab
Fluoranthene			0.0018	0.0043	1/Quarter	Grab
Fluorene			0.016	0.059	1/Quarter	Grab
Naphthalene			0.068	0.51	1/Quarter	Grab
Phenanthrene			0.0037	0.046	1/Quarter	Grab
Pyrene			3.5		1/Quarter	Grab
Phenols				0.1	1/Quarter	Grab
Chromium (Total)			1	2	1/Quarter	Composite
Chromium (Hexavalent)			0.011	0.016	1/Quarter	Grab

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Effluent Limitations and Monitoring

	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			
PARAMETER	30 DAY AVGERAGE	DAILY MAXIMUM	30 DAY AVGERAGE	DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
<u>Outfall 001 cont.</u>						
Chlorides				500	1/Quarter	Composite
Sulfates				500	1/Quarter	Composite
Benzo(g,h,i)perylene			Monitor Only		1/Quarter	Grab
* - See Special Condition 9.						

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 6.0 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

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. 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 7. The composites for oil, fats, and greases shall consist of sample aliquots of approximately equal volume, a minimum of 100 milliliters, be collected at regular time intervals over a eight-hour period (three aliquots total). A single sample formed by combining all the aliquots, and the solvent rinse of the container, would then be analyzed. The results of the single analysis is then reported for oil, fats, and grease.

SPECIAL CONDITION 8. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.

SPECIAL CONDITION 9. The Agency has determined that the effluent limitations in this permit constitute BAT/BCT for storm water which is treated in the existing treatment facilities for purposes of this permit reissuance, and no pollution prevention plan will be required for such storm water. In addition to the chemical specific monitoring required elsewhere in this permit, the permittee shall conduct an annual inspection of the facility site to identify areas contributing to a storm water discharge associated with industrial activity, and determine whether any facility modifications have occurred which result in previously-treated storm water discharges no longer receiving treatment. If any such discharges are identified the permittee shall request a modification of this permit within 30 days after the inspection. Records of the annual inspection shall be retained by the permittee for the term of this permit and be made available to the Agency on request.

SPECIAL CONDITION 10. Results of the quarterly sampling shall be submitted with March, June, September, and December DMR's each year.