

NPDES Permit No. IL0026581
Notice No. MEL:11090202.bah

Public Notice Beginning Date: **October 28, 2011**

Public Notice Ending Date: **November 28, 2011**

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:

Canal Terminal Company
23213 South Youngs Road
Channahon, Illinois 60410

Name and Address of Facility:

Canal Terminal Company
23213 South Youngs Road
Channahon, Illinois 60410
(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 Mark E. Liska at 217/782-0610.

The applicant is engaged in the operation of a for-hire bulk terminal (SIC 4226). Waste water is generated from the discharge of boiler steam condensate, water softener backwash, stormwater runoff, wash water, and hydrostatic test water. Plant operation results in an average discharge of 0.0077 MGD DAF and 0.84 MGD DMF of boiler steam condensate, water softener backwash, stormwater from the North Tank Farm and Tank Farm "A", and hydrostatic test water from outfall 002, intermittent MGD of stormwater runoff from the new tank area and hydrostatic test water from outfall 003, and an intermittent discharge of stormwater runoff, washwater and hydrostatic test water from outfall 004.

The following modification is proposed:

Outfall 001 has been dropped from the permit. Outfalls 002, 003, and 004 now have hydrostatic test water discharges as previously permitted under NPDES Permit No. ILG670027. Stormwater runoff from various tank areas have been added to the permit. An intermittent discharge of wash water from product handling activities and spill cleanup activities has been added to outfalls 002 and 004.

NPDES Permit No. ILG670027 will be combined with this permit and ILG670027 will be terminated simultaneously with the renewal of this permit.

Application is made for the existing discharge(s) which are located in 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>
002	Des Plaines River	41° 27' 53" North	88° 10' 75" West	Secondary Contact	Not Rated
003	Des Plaines River	41° 27' 23" North	88° 10' 59" West	Secondary Contact	Not Rated
004	Des Plaines River	41° 27' 21" North	88° 10' 83" West	Secondary Contact	Not Rated

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

The stream segment G-12 receiving the discharge from outfall(s) 002-004 is on the 2008 and 2010 303(d) list of impaired waters and is not a biologically significant stream.

The following parameters have been identified as the pollutants causing impairment:

<u>Designated Use</u>	<u>Potential Cause</u>
Fish Consumption	Mercury, PCBs

The discharge(s) from the facility 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	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
<u>Outfall 002:</u> Boiler Steam Condensate, Water Softener Backwash (Discharge = 0.00774 MGD) Stormwater Runoff from North Tank Farm and Tank Farm “A” (Intermittent Discharge) Stormwater Runoff from Loading Areas (Intermittent Discharge) Steam Condensate from Barge Steaming (Intermittent Discharge) Wash Water from Product Handling and Potential Spill Cleanup Activities (Intermittent Discharge) Hydrostatic Test Water (Intermittent, up to 0.84 MGD)						
Flow						35 IAC 309.146
pH						35 IAC 304.125
Temperature						35 IAC 302.408
Oil and Grease				15	30	35 IAC 304.124
Total Suspended Solids				15	20	35 IAC 304.124
Iron				2	4	35 IAC 304.124

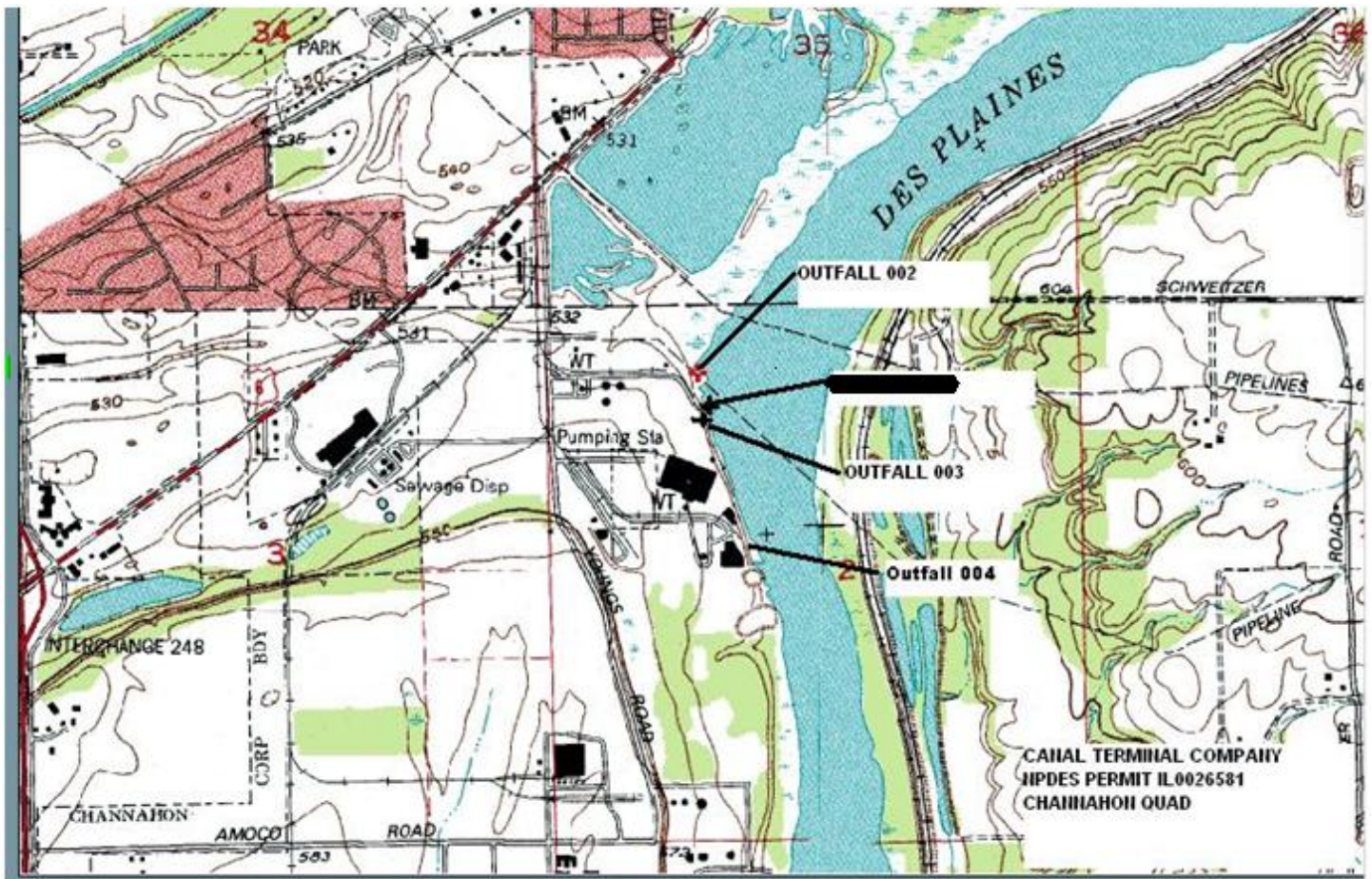
	LOAD LIMITS lbs/day DAF (DMF)			CONCENTRATION LIMITS mg/L		
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
<u>Outfall 003:</u> Stormwater Runoff from New Loading Area (Intermittent Discharge) Stormwater Runoff from Tank Farm B and C (Intermittent Discharge) Hydrostatic Test Water (Intermittent, up to 0.84 MGD)						
Flow						35 IAC 309.146
pH						35 IAC 304.125
Oil and Grease				15	30	35 IAC 304.124
Total Suspended Solids				15	20	35 IAC 304.124
Iron				2	4	35 IAC 304.124
<u>Outfall 004:</u> Stormwater Runoff from Tank Farm and Loading Areas (Intermittent Discharge) Wash Water from Product Handling and Potential Spill Cleanup Activities (Intermittent Discharge) Hydrostatic Test Water (Intermittent, up to 0.84 MGD)						
Flow						35 IAC 309.146
pH						35 IAC 304.125
Oil and Grease				15	30	35 IAC 304.124
Total Suspended Solids				15	30	35 IAC 304.124
Iron				2	4	35 IAC 304.124

The following explain the conditions of the proposed permit:

Special Conditions will require monthly DMR submission, explain temperature limits, and explain hydrostatic discharge procedures.

The hydrostatic discharge being added to this permit was previously permitted under NPDES Permit ILG670027 which will be terminated simultaneously with the renewal of this permit. Because there is no new previously unpermitted discharge of hydrostatic test water, the hydrostatic test water listed in this permit is not subject to an antidegradation analysis.

The stormwater runoff and miscellaneous wash water listed in this permit are short-term, periodic ongoing discharges being permitted for the first time and are not subject to an antidegradation analysis.



NPDES Permit No. IL0026581

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:

Canal Terminal Company
23213 South Youngs Road
Channahon, Illinois 60410

Canal Terminal Company
23213 South Youngs Road
Channahon, Illinois 60410
(Will County)

Discharge Number and Name: 002 - Boiler Steam Condensate, Water Softener Backwash, Stormwater Runoff from North Tank Farm and Tank Farm "A", Stormwater Runoff from Loading Areas, Steam Condensate from Barge Steaming, Hydrostatic Test Water, Stormwater and Wash Water from Product Handling Activities and Potential Cleanup Activities	Receiving Waters: Des Plaines River
003 - Stormwater Runoff from New Loading Area, Stormwater Runoff from Tank Farm B and C, Hydrostatic Test Water	Des Plaines River
004 - Stormwater from Tank Farm and Loading Areas, Hydrostatic Test Water, Stormwater and Wash Water from Product Handling Activities and Potential cleanup Activities	Des Plaines 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

SAK: MEL:11090202.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:

	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
<u>Outfall 002:</u> Boiler Steam Condensate, Water Softener Backwash (Discharge = 0.00774 MGD) Stormwater Runoff Tanks from North Tank Farm and Tank Farm "A" (Intermittent Discharge) Stormwater Runoff from Loading Areas (Intermittent Discharge) Steam Condensate from Barge Steaming (Intermittent Discharge) Wash Water from Product Handling and Potential Spill Cleanup Activities (Intermittent Discharge) Hydrostatic Test Water (Intermittent, up to 0.84 MGD)						
Flow	See Special Condition 1				Continuous	Estimate
pH	See Special Condition 2				1/Month & Daily During Hydrotest*	Grab
Temperature	See Special Condition 3				1/Month	Grab
Oil and Grease			15	30	1/Month & Daily During Hydrotest*	Grab
Total Suspended Solids			15	30	Daily During Hydrostatic Test**	Grab
Iron			2	4	Daily During Hydrostatic Test**	Grab

*For pH and Oil and Grease, sample frequency shall be both once per month and daily when discharging hydrostatic test water.

**Total Suspended Solids and Iron shall only be tested during a hydrostatic discharge event.

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
<u>Outfall 003:</u> Stormwater Runoff from New Loading Area (Intermittent Discharge) Stormwater Runoff from Tank Farm B and C (Intermittent Discharge) Hydrostatic Test Water (Intermittent, up to 0.84 MGD)						
Flow	See Special Condition 1				Continuous	Estimate
pH	See Special Condition 2				Daily When Discharging*	Grab
Oil and Grease			15	30	Daily When Discharging*	Grab
TSS			15	30	Daily When Discharging*	Grab
Iron			2	4	Daily When Discharging*	Grab
*Limits apply only to hydrostatic test water discharges.						
<u>Outfall 004:</u> Stormwater Runoff from Tank Farm and Loading Areas (Intermittent Discharge) Wash Water from Product Handling and Potential Spill Cleanup Activities (Intermittent Discharge) Hydrostatic Test Water (Intermittent, up to 0.84 MGD)						
Flow	See Special Condition 1				Continuous	Estimate
pH	See Special Condition 2				1/Month & Daily During Hydrotest*	Grab
Oil and Grease			15	30	1/Month & Daily During Hydrotest*	Grab
TSS			15	30	Daily During Hydrostatic Test**	Grab
Iron			2	4	Daily During Hydrostatic Test**	Grab
*For pH and Oil and Grease, sample frequency shall be both once per month and daily when discharging hydrostatic test water. **Total Suspended Solids and Iron shall only be tested during a hydrostatic discharge event.						

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. 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 receiving waters are designated as Secondary Contact and Indigenous Aquatic Life Waters by Title 35 of Ill. Adm. Code, Chapter 1, Subtitle C, Section 302.408 as amended. This facility is not allowed any mixing with the receiving stream in order to meet applicable water quality thermal limitations. Therefore, discharge of wastewater from this facility must meet the following thermal limitations prior to discharge into the receiving stream.

A. The discharge shall not exceed 93° F (34° C) more than 5% of the time or 100° F (37.8° C) at anytime.

B. The monthly maximum value shall be reported on the DMR form.

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. 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 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. For the purpose of this permit, the discharge from outfall 002 is limited to boiler steam condensate, water softener backwash, stormwater runoff from the North Tank Farm and Tank Farm "A", stormwater runoff from loading areas, steam condensate from barge steaming, hydrostatic test water, and stormwater and wash water from product handling activities and potential cleanup activities, free from process and other wastewater discharges. 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 8: 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 9: This permit does not allow the discharge of hydrostatic test water associated with testing tanks that contained petroleum products. If the permittee wishes to discharge hydrostatic test water associated with testing tanks that contained petroleum products, a modification to this permit is required. The modification would be subject to a public notice.