

NPDES Permit No. IL0070033  
Notice No. JAR:11083101.ajo

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:

Choate Mental Health and Development Center  
1000 North Main  
Anna, IL 62906

Name and Address of Facility:

Choate Mental Health and Development Center  
1000 North Main  
Anna, IL 62906  
(Union 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 Jaime Rabins at 217/782-0610.

The applicant is engaged in operating a facility to provide mental health and developmental disability services (SIC 8063). A steam electric generating unit is operated at the site. Wastewater is generated from precipitation which contacts the coal pile. Plant operation results in an intermittent discharge of coal pile runoff from outfall 001.

Application is made for an existing discharge located in Union County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Biological Stream Characterization
001	Unnamed Tributary of Cache River	37° 28' 45"	North	89° 14' 30"	West	General Use	Not Rated

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

The unnamed tributary of Cache River receiving the discharge from outfall 001 and tributary to Waterbody Segment AD-10 is not on the draft 2010 Illinois Integrated Water Quality Report and Section 303(d) List.

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

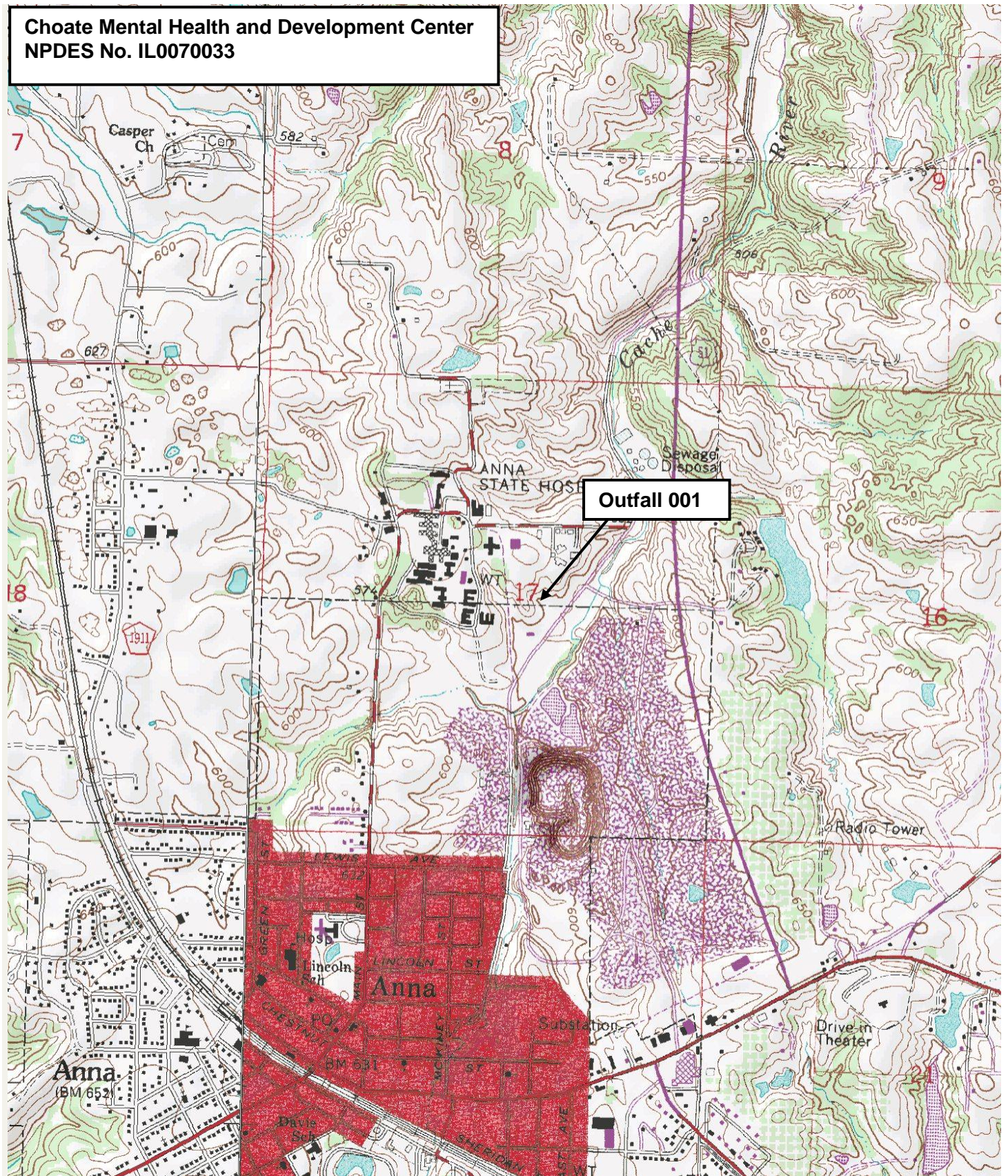
Outfall: 001 Coal Pile Runoff (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow (MGD)						
pH			Shall be in the range of 6.5 to 9.0 standard units			35 IAC 302.204
Total Suspended Solids				15	30	35 IAC 304.124
Iron (Dissolved)					1.0	35 IAC 302.208(g)
Boron					1.0	35 IAC 302.208(g)
Manganese					1.0	35 IAC 302.208(g)
Zinc					0.148	35 IAC 302.208(g)
Mercury				Monitor Only		35 IAC 309.146

The following explain the conditions of the proposed permit:

The special conditions clarify: flow reporting, pH, monitoring location, discharge monitoring reports, re-opening of the permit, water treatment additives, and site specific metal translator for zinc.

**Choate Mental Health and Development Center  
NPDES No. IL0070033**



NPDES Permit No. IL0070033

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:

Choate Mental Health and Development Center  
1000 North Main  
Anna, IL 62906

Choate Mental Health and Development Center  
1000 North Main  
Anna, IL 62906  
(Union County)

Discharge Number and Name:	Receiving Waters:
001 Coal Pile Runoff	Unnamed Tributary of Cache 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(s) shall be monitored and limited at all times as follows:

Outfalls: 001 Coal Pile Runoff (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow	See Special Condition 1				*	
pH	See Special Condition 2					
Total Suspended Solids			15	30	1/Month	Single Reading
Iron(Dissolved)				1.0	1/Month	Grab
Boron				1.0	1/Month	Grab
Manganese				1.0	1/Month	Grab
Zinc				0.148	1/Month	Grab
Mercury					1/Quarter	Grab

\*Effluent sampling for flow shall be continuous if hardware allows otherwise it shall be a single reading when monitoring each parameter.

Mercury shall be sampled in March, June, September and December. A minimum of four samples shall be obtained during a calendar year.

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 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 5. The Permittee shall record the monitoring results on the 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 15<sup>th</sup> 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. In the event that the permittee must request a change in the use of water treatment additives, the permittee must request a change in this permit in accordance with Standard Conditions - - Attachment H.

SPECIAL CONDITION 7. 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 8. A site-specific metal translator may increase or eliminate the permit limit for zinc. To apply, submit a study plan for the collection of total and dissolved metal from the effluent and a downstream location once a week for twelve weeks to the Standards Unit at the address listed in Special Condition 5.

SPECIAL CONDITION 9. This permit does not authorize the discharge of cooling tower blowdown, boiler blowdown, water treatment wastes or sanitary wastes.