



ERNIE FLETCHER
GOVERNOR

ENVIRONMENTAL AND PUBLIC PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
14 REILLY ROAD
FRANKFORT, KENTUCKY 40601-1190
www.kentucky.gov

LAJUANA S. WILCHER
SECRETARY

April 12, 2004

Gordon R. Garner, Executive Director
Louisville and Jefferson County
Metropolitan Sewer District
700 West Liberty Street
Louisville, Kentucky 40203-1911

Re: Berrytown Wastewater Treatment Plant
KY0036501
Jefferson County, Kentucky

Dear Mr. Garner:

The Kentucky Pollutant Discharge Elimination System (KPDES) permit for the referenced facility has been modified. This modification is necessary because the Total Residual Chlorine discharge limitation is required for this facility. Enclosed is a copy of the KPDES permit with the revised page [PART I, Page I-1].

If you have any questions, please contact Pete Beckley, of my staff, at (502) 564-2225, extension 469.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Bruce Scott".

R. Bruce Scott, P.E.
Environmental Engineer Branch Manager
KPDES Branch
Division of Water

RBS:PB:tam
Enclosure

c: Louisville Regional Office
Division of Water Files





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STATEMENT OF BASIS

KPDES No.: KY0036501 **Permit Writer:** Paul L. Beckley **Date:** May 1, 2004

Facility Name: Berrytown Wastewater Treatment Plant

Facility Location: Heafer Road
Louisville, Jefferson County, Kentucky

Permitting Action: This is a Modification of a permit for a small publicly owned treatment works.

Permit Duration: This permit shall become effective April 1, 2003. The effective date of this permit is being delayed to place the facility in the correct 5-year cycle, as per the Kentucky Watershed Management Framework. During the interim period, the current permit will remain effective, in accordance with 401 KAR 5:060, Section 1(5)(c). In this instance, the permit is scheduled for reissuance in April 2008 for the Salt/Licking Basin Management Unit.

Receiving Stream: Unnamed tributary / Mile point 0.60 to Chenoweth Run / Mile point 2.97

Stream Segment Use Classification: Warmwater Aquatic Habitat and Primary/Secondary Contact Recreation

Stream Low Flow Condition: 0.00 cfs

Justification of Permit Conditions:

The following regulations are pursuant to KRS 224.70-100 and KRS 224.70-110.

Biochemical Oxygen Demand (5-day), Total Suspended Solids, Fecal Coliform, and pH
The effluent limitations for the above permit parameters are consistent with 401 KAR 5:045.

Ammonia Nitrogen, Dissolved Oxygen, and Total Residual Chlorine (TRC)
The effluent limitations for the above permit parameters are consistent with 401 KAR 5:031.

Antidegradation:

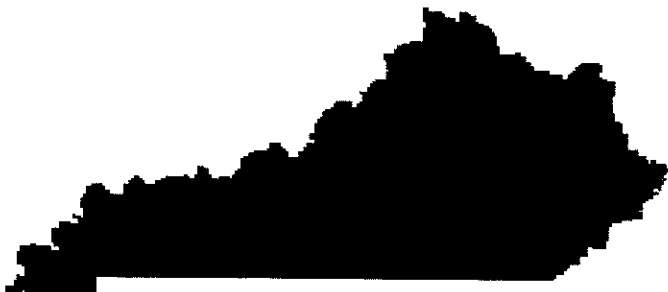
The conditions of 401 KAR 5:029, Section 1(1) have been satisfied by this permit action. A review under Section 1(2), (3), and (4) is not applicable.

CW



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KPDES



KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT

PERMIT NO.: KY0036501

AUTHORIZATION TO DISCHARGE UNDER THE KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

Pursuant to Authority in KRS 224,

Louisville and Jefferson County Metropolitan Sewer District
700 West Liberty Street
Louisville, Kentucky 40203-1911

is authorized to discharge from a facility located at

Berrytown Wastewater Treatment Plant
Heafer Road
Louisville, Jefferson County, Kentucky

to receiving waters named

Unnamed tributary / Mile point 0.60 to Chenoweth Run / Mile point 2.97

in accordance with effluent limitations, monitoring requirements, and other conditions set forth in PARTS I, II, and III hereof. The permit consists of this cover sheet, and PART I 2 pages, PART II 1 page, and PART III 1 page.

This permit became effective on April 1, 2003.

This modified permit shall become effective May 1, 2004.

This permit and the authorization to discharge shall expire at midnight, March 31, 2008.

Date Signed

A handwritten signature in black ink, appearing to read "Jeffrey W. Pratt", written over a horizontal line.

Jeffrey W. Pratt, Director
Division of Water

Lloyd R. Cress
Commissioner

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

Division of Water, Frankfort Office Park, 14 Reilly Road, Frankfort, Kentucky 40601

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A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the term of this permit, the permittee is authorized to discharge from Outfall serial number: 001, Sanitary Wastewater.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>EFFLUENT CHARACTERISTICS</u>	<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>		
	Monthly Avg.	lbs/day Daily Max.	Monthly Avg.	Other Units (Specify) Daily Max.	Measurement Frequency	Sample Type	Sampling Location
Flow, Design (0.075 mgd)	N/A	N/A	Report	Report	Continuous	Instantaneous	Influent or Effluent
Biochemical Oxygen Demand (5-day), Carbonaceous	18.8	37.6	30 mg/l	60 mg/l	1/week	Composite	Effluent
Total Suspended Solids	18.8	37.6	30 mg/l	60 mg/l	1/week	Composite	Effluent
Fecal Coliform Bacteria, N/100	N/A	N/A	200	400	1/week	Grab	Effluent
Ammonia (as N)	2.50 6.26	5.00 12.5	4 mg/l* 10 mg/l**	8 mg/l* 20 mg/l**	1/week	Composite	Effluent
Dissolved Oxygen shall not be less than 7 mg/l					1/week	Grab	Effluent
Total Residual Chlorine (TRC)	N/A	N/A	0.011 mg/l	0.019 mg/l	1/Week	Grab	Effluent

The pH of the effluent shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once per week by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

The effluent shall not cause a visible sheen on the receiving water.

* Effective May 1 - October 31

** Effective November 1 - April 30

B. Schedule of Compliance

1. The permittee shall achieve compliance with all requirements on the effective date of this permit.
2. This treatment unit is temporary and in no way supersedes the need of a regional sewer system. The permittee will eliminate the discharge and treatment unit by connection to a regional sewer system when it becomes available as defined in 401 KAR 5:002.

STANDARD CONDITIONS FOR KPDES PERMIT

The permittee is also advised that all KPDES permit conditions in KPDES Regulation 401 KAR 5:065, Section 1, will apply to all discharges authorized by this permit.

This permit has been issued under the provisions of KRS Chapter 224 and regulations promulgated pursuant thereto. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits or licenses required by this Cabinet and other state, federal, and local agencies.

It is the responsibility of the permittee to demonstrate compliance with permit parameter limitations by utilization of sufficiently sensitive analytical methods.

PART III

OTHER REQUIREMENTS

A. Reporting of Monitoring Results

Monitoring results must be obtained for each month and reported on a preprinted Discharge Monitoring Report (DMR) Form, which will be mailed to you each quarter for the upcoming quarter. The completed DMRs for each month must be sent to the Division of Water at the address listed below (with a copy to the appropriate Regional Office) postmarked no later than the 28th day of the month following the completed quarter.

Division of Water
Louisville Regional Office
9116 Leesgate Road
Louisville, Kentucky 40222-5084
ATTN: Supervisor

Environmental & Public Protection Cabinet
Dept. for Environmental Protection
Division of Water/KPDES Branch
14 Reilly Road, Frankfort Office Park
Frankfort, Kentucky 40601

B. Reopener Clause

This permit shall be modified, or alternatively revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under 401 KAR 5:050 through 5:080 and KRS 224, if the effluent standard or limitation so issued or approved:

1. Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
2. Controls any pollutant not limited in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of KRS Chapter 224 when applicable.