

JAMES E. BICKFORD
SECRETARY



PAUL E. PATTON
GOVERNOR

COMMONWEALTH OF KENTUCKY
NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

FRANKFORT OFFICE PARK
14 REILLY RD
FRANKFORT KY 40601

APR 3 2002

Eric G. Brady, Project Coordinator
Louisville and Jefferson County
Metropolitan Sewer District
700 West Liberty Street
Louisville, Kentucky 40203-1911

Re: McNeely Lake Subdivision
KPDES No.: KY0029416
Jefferson County, Kentucky

Dear Mr. Brady:

Enclosed is the Kentucky Pollutant Discharge Elimination System (KPDES) permit for the above-referenced facility. This action constitutes a final permit issuance under 401 KAR 5:075, pursuant to KRS 224.16-050.

This permit will become effective on the date indicated in the attached permit provided that no request for adjudication is granted. All provisions of the permit will be effective and enforceable in accordance with 401 KAR 5:075, unless stayed by the Hearing Officer under Sections 11 and 13.

Any demand for a hearing on the permit shall be filed in accordance with the procedures specified in KRS 224.10-420, 224.10-440, 224.10-470 and any regulations promulgated thereto. Any person aggrieved by the issuance of a permit final decision may demand a hearing, pursuant to KRS 224.10-420(2), within thirty (30) days from the date of the issuance of this letter. Two (2) copies of request for hearing should be submitted in writing to the Natural Resources and Environmental Protection Cabinet, Office of Administrative Hearings, 35-36 Fountain Place, Frankfort, Kentucky 40601 and the Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet, Division of Water, 14 Reilly Road, Frankfort, Kentucky 40601. For your record keeping purposes, it is recommended that these requests be sent by certified mail. The written request must conform to the appropriate statutes referenced above.

If you have any questions regarding the KPDES decision, please contact Courtney Seitz, Inventory and Data Management Section, KPDES Branch, at (502) 564-2225, extension 465.

Further information on procedures and legal matters pertaining to the hearing request may be obtained by contacting the Office of Administrative Hearings at (502) 564-7312.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey W. Pratt".

Jeffrey W. Pratt, Director
Division of Water

JWP:NG:ng
Enclosure

c: Louisville Regional Office
Division of Water Files



Received Time Jan. 7. 4:07 PM
Printed on Recycled Paper
Opportunity Employer M/F/D

KPDES



KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT

PERMIT NO.: KY0029416

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

McNeely Lake Subdivision
Rod & Reel Lane
Louisville, Jefferson County, Kentucky

to receiving waters named

Unnamed tributary / mile point 0.60 to Pennsylvania Run / mile point 2.70

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 shall become effective on March 1, 2003.

This permit and the authorization to discharge shall expire at midnight, February 29, 2008.

APR 3 2002

Date Signed


Jeffrey W. Pratt, Director
Division of Water

Robert W. Logan
Commissioner

DEPARTMENT FOR ENVIRONMENTAL PROTECTION
Division of Water, Frankfort Office Park, 14 Reilly Road, Frankfort, Kentucky 40601

Received Time Jan. 7. 4:07PMnted on Recycled Paper

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.	Daily Max.	Other Units (Specify) Monthly Avg.	Daily Max.	Measurement Frequency	Sample Type	Sampling Location
Flow, Design (0.205 mgd)	N/A	N/A	Report	Report	Continuous	N/A	Influent or Effluent
Biochemical Oxygen Demand (5-day), Carbonaceous	26	51	15 mg/l	30 mg/l	1/week	Composite	Effluent
Total Suspended Solids	51	103	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)	7 17	14 34	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
Phosphorus, Total (as P)	N/A	N/A	Report	Report	1/month	Composite	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

Kentucky Natural Resources and
Environmental 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.

JAMES E. BICKFORD
SECRETARY



PAUL E. PATTON
GOVERNOR

COMMONWEALTH OF KENTUCKY
NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
FRANKFORT OFFICE PARK
14 REILLY RD
FRANKFORT KY 40601

STATEMENT OF BASIS

KPDES No.: KY0029416 **Permit Writer:** Herb Ray **Date:** February 1, 2002

Facility Name: McNeely Lake Subdivision

Facility Location: Rod & Reel Lane
Louisville, Jefferson County, Kentucky

Permitting Action: This is a reissuance of a permit for a subdivision.

Permit Duration: This permit shall become effective March 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 March 2008 for the Salt/Licking Basin Management Unit.

Receiving Stream: Unnamed tributary / mile point 0.60 to Pennsylvania Run / mile point 2.70

Stream Segment Use Classification: Warmwater Aquatic Habitat and Primary/Secondary Contact Recreation. The receiving stream is listed in Kentucky's 303(d) list of impaired waters as required by the Clean Water Act due to pathogens and nutrients. Package plants and urban runoff are the primary sources.

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, Total Residual Chlorine (TRC), Phosphorus, and Dissolved Oxygen
The effluent limitations for the above permit parameters are consistent with 401 KAR 5:031. Due to concern for nutrients in the stream, Phosphorus monitoring is being required at this time. A limitation for Phosphorus may be required at a later date.

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.

rm



Printed on Recycled Paper

Received Time Jan. 7, A 4:07PM opportunity Employer M/F/D

JAMES E. BICKFORD
SECRETARY

Eric Brady



*And to:
Debbie Newton
Susan MWS
4/19/02*

*Make sure
Plan file
PAUL E. PATTON
GOVERNOR
JEP/02*

COMMONWEALTH OF KENTUCKY
NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

FRANKFORT OFFICE PARK
14 REILLY RD
FRANKFORT KY 40601

April 1, 2002

Gordon Garner, Executive Director
Louisville-Jefferson County MSD
700 West Liberty Street
Louisville, Kentucky 40203-1911

Re: KPDES No.: KY0033758
Fern Hill Wastewater Treatment Plant
Jefferson County, Kentucky

Dear Mr. Garner:

A draft Kentucky Pollutant Discharge Elimination System (KPDES) permit for your facility has been completed and the information sent to public notice as per Regulation 401 KAR 5:075, Sections 3 and 5. Enclosed for your review are copies of the public notice, draft permit, and fact sheet or statement of basis.

The effective date of this permit is being delayed to place the facility in the correct 5-year cycle, as per 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).

Feel free to contact the permit writer (referenced in the public notice) or me at (502) 564-2225, extension 465, if you have any questions.

Sincerely,

Courtney Seitz

Courtney Seitz, Supervisor
Inventory and Data Management Section
KPDES Branch
Division of Water

CS:PKH:pkh
Enclosures
c: Louisville Regional Office
Division of Water Files





COMMONWEALTH OF KENTUCKY
NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
FRANKFORT OFFICE PARK
14 REILLY RD
FRANKFORT KY 40601

DRAFT
MAR 29 2002

STATEMENT OF BASIS

KPDES No.: KY0033758 **Permit Writer:** Herb Ray **Date:** March 18, 2002

Facility Name: Fern Hill

Facility Location: Hurstbourne Lane
Louisville, Jefferson County, Kentucky

Permitting Action: This is a reissuance of a permit for a subdivision and commercial users.

Permit Duration: This permit shall become effective January 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 January 2008 for the Salt/Licking Basin Management Unit.

Receiving Stream: Unnamed tributary /mile point 0.74 to Pond Creek / mile point 27.88

Stream Segment Use Classification: Warmwater Aquatic Habitat and Primary/Secondary Contact Recreation. Aquatic life and swimming uses of the receiving stream is impaired due to ammonia, pathogens, organic enrichment, low dissolved oxygen and nutrients. This plant is well operated, but the size is a concern.

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, Total residual Chlorine (TRC), Phosphorus, and Dissolved Oxygen
The effluent limitations for the above permit parameters are consistent with 401 KAR 5:031. Phosphorus monitoring is required for this reissuance due to nutrient concerns for the receiving stream. A limitation may be required in the future.

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.

pg



KPDES



KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT

PERMIT NO.: KY0033758

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

Fern Hill
Hurstbourne Lane
Louisville, Jefferson County, Kentucky

DRAFT

to receiving waters named

Unnamed tributary / mile point 0.74 to Pond Creek / mile point 27.88

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 shall become effective on January 1, 2003.

This permit and the authorization to discharge shall expire at midnight, December 31, 2007.

Date Signed

Jeffrey W. Pratt, Director
Division of Water

Robert W. Logan
Commissioner

DEPARTMENT FOR ENVIRONMENTAL PROTECTION
Division of Water, Frankfort Office Park, 14 Reilly Road, Frankfort, Kentucky 40601

Received Time Jan. 7. 4:07PM Printed on Recycled Paper

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:

EFFLUENT CHARACTERISTICS	DISCHARGE LIMITATIONS			MONITORING REQUIREMENTS		
	Monthly Avg.	Daily Max.	Other Units (Specify) Monthly Avg.	Measurement Frequency	Sample Type	Sampling Location
Flow, Design (0.20 mgd)	N/A	N/A	Report	Continuous	N/A	Influent or Effluent
Biochemical Oxygen Demand (5-day), Carbonaceous	16.7	33.4	10 mg/l	20 mg/l	1/week	Composite Effluent
Total Suspended Solids	50	100	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)	6.7	13.4	4 mg/l*	8 mg/l*	1/week	Composite Effluent
	16.7	33.4	10 mg/l**	20 mg/l**		
Total Residual Chlorine (TRC)	N/A	N/A	0.011 mg/l	0.019 mg/l	1/week	Grab Effluent
Phosphorus, Total (as P)	N/A	N/A	Report	Report	1/week	Composite Effluent
Dissolved Oxygen shall not be less than 7 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 1/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

Kentucky Natural Resources and
Environmental 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.