

HENRY C. LIST
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

FEB 20 2003

Rec'd
3/11/03 DTN
original to DG
cc - ms
Carl Rankel
Eric Brady
Lisa Gaus
Don Sammons

Mr. Herbert J. Schardein
Louisville and Jefferson County
Metropolitan Sewer District
700 West Liberty Street
Louisville, Kentucky 40203-1913

Re: Silver Heights Sewage Treatment
Plant
KPDES No.: KY0028801
Jefferson County, Kentucky

Dear Mr. Schardein:

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.

Your facility is being issued a permit that is shorter than the normal five-year term in order to synchronize permit issuance by watershed. Implementation of watershed permitting began in the year 2001 and your targeted permit issuance is based upon your location in the watershed basin.

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.



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Mr. Herbert J. Schardein
Silver Height Sewage Treatment/KY0028801
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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,

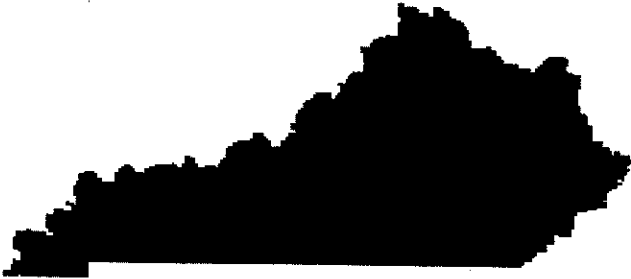


Jeffrey W. Pratt, Director
Division of Water

JWP:NG:ng
Enclosure

c: Louisville Regional Office
Division of Water Files

KPDES



KENTUCKY POLLUTANT
DISCHARGE ELIMINATION
SYSTEM

PERMIT

PERMIT NO.: KY0028801

**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 40203-1913

is authorized to discharge from a facility located at

Silver Heights Sewage Treatment Plant
9418 Slayton Court
Louisville, Jefferson County, Kentucky

to receiving waters named

Mud Creek at mile point 1.80

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 **APR 1 2003**

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

FEB 20 2003

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

Robert W. Logan
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>		
	lbs/day		Other Units (Specify)		Measurement Frequency	Sample Type	Sampling Location
	Monthly Avg.	Daily Max.	Monthly Avg.	Daily Max.			
Flow, Design (0.50 mgd)	N/A	N/A	Report	Report	Continuous	Continuous	Influent or Effluent
Biochemical Oxygen Demand (5-day), Carbonaceous	62.6	125	15 mg/l	30 mg/l	1/Week	Composite	Effluent
Total Suspended Solids	125	250	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)	16.7 41.7	33.4 83.4	4 mg/l* 10 mg/l**	8 mg/l* 20 mg/l**	1/Week	Composite	Effluent
Total Phosphorus (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
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 that 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.



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.: KY0028801 **Permit Writer:** Ben Muncy **Date:** November 22, 2002

Facility Name: Silver Heights Sewage Treatment Plant

Facility Location: 9418 Slayton Court
Louisville, Jefferson County, Kentucky

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

Permit Duration: Expires December 31, 2007. This expiration date will place the facility in the correct 5-year cycle, as per the Kentucky Watershed Management Framework. In this instance, the permit is scheduled for reissuance in January 2008 for the Salt/Licking Basin Management Unit.

Receiving Stream: Mud Creek at mile point 1.80

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, Total Phosphorus, and Total Residual Chlorine (TRC)

The effluent limitations for the above permit parameters are consistent with 401 KAR 5:031. **Due to nutrient concerns for the receiving stream, phosphorus monitoring is being required for this permit reissuance. 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.

