



STEVEN L. BESHEAR
GOVERNOR

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
200 FAIR OAKS LANE
FRANKFORT, KENTUCKY 40601
www.kentucky.gov

LEONARD K. PETERS
SECRETARY

October 27, 2009

Mr. Herbert J. Schardein
Louisville/Jefferson County MSD
700 West Liberty Street
Louisville, Kentucky 40203

Re: Glenview Bluff WWTP
KPDES No.: KY0044261
AI No.: 2054
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.

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 Energy and Environment Cabinet, Office of Administrative Hearings, 35-36 Fountain Place, Frankfort, Kentucky 40601 and the Commonwealth of Kentucky, Energy and Environment Cabinet, Division of Water, 200 Fair Oaks Lane, 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 Dan Juett, Operational Permits Section, Surface Water Permits Branch, at (502) 564-8158, extension 4894.

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,

Sandra L. Gruzesky, Director
Division of Water

SLG:TJB:tjb
Enclosure
c: Division of Water



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LEONARD K. PETERS
SECRETARY

November 2, 2009

Herbert J. Schardein, Jr., Executive Director
Metropolitan Sewer District
700 West Liberty Street
Louisville, Kentucky 40203-1911

Re: Glenview Bluff Water
Quality Treatment Center
KPDES No.: KY0044261
AI No.: 2054
Jefferson County, Kentucky

Dear Mr. Schardein:

Your comments concerning the above-referenced draft permit have been reviewed and responses prepared in accordance with Kentucky Pollutant Discharge Elimination System (KPDES) regulation 401 KAR 5:075, Section 12. The comments have been briefly described below and our responses to those comments follow:

COMMENT 1: "Part III, Page III-1, C. Disposal of Non-Domestic Wastes and listed in Fact Sheet, Page 6. 7. PROPOSED SPECIAL CONDITIONS WHICH WILL HAVE A SIGNIFICANT IMPACT ON THE DISCHARGE. MSD objects to the inclusion of this requirement in the Glenview Bluff STP permit for the following reasons. Currently, there are no regulatory standards in place to establish the minimum detectable and the maximum allowable limits for the parameters listed. Further, technology simply does not exist which would allow MSD to segregate, identify and treat the listed parameters. Lastly, the listed parameters will be generated in everyday usage by non-permitted, non-regulated, non-point source dischargers (residential homeowners) who could now subject these individuals to enforcement actions. Through the normal course of business, MSD continues to educate and inform its customer base and the public-at-large on proper disposal methods and the impact that these parameters have on water quality. Accordingly, MSD requests that this requirement be removed from the final issued permit until such time the requirements and standards are promulgated in the form of regulation."

RESPONSE 1: MSD's comments assume that DOW is requiring the establishment of a pretreatment-like program for wastewater treatment plants that receive domestic wastewater only. This is not the intent of the language. DOW has included this language as a standard condition to advise permittee's of the necessity of user education to minimize the potential introduction of a chemical or compound that could pass through or interfere with the operation of the wastewater treatment plant.

RESPONSE TO COMMENTS

KPDES Permit No: KY0044261

AI No.: 2054

Page 2

- COMMENT 2: "Part III, Page III-1, D. Certified Operators and listed in Fact Sheet, Page 7, 7. PROPOSED SPECIAL CONDITIONS WHICH WILL HAVE A SIGNIFICANT IMPACT ON THE DISCHARGE. MSD requests clarification concerning the following language; "or shall be in the process of obtaining a Kentucky Certificate." This language is subject to a wide range of interpretation. Potential operators can be "in the process" at several different stages. These stages range from the initial application to achieving a certain minimum amount of progressive experience and accrued time in service. Along these lines, MSD's own personnel requirements for certain plants, may be more stringent than state requirements. Accordingly, in order to fully comply with this requirement, MSD requests clarification as to how DOW construes, defines, and interprets "in the process" for this permit requirement."
- RESPONSE 2: The Division of Water presents the following for clarification. A wastewater treatment system shall be under the supervision of a certified operator holding a certificate for the Class of that system based upon its design capacity or one greater. In the case of Glenview Bluff STP, the design capacity is 0.01 MGD; which corresponds to a Class I System. A certified operator holding a Kentucky Certificate equivalent to a Class I; would be a Class I, II, III, or IV. The certified operator shall be reasonably available if not physically present while the system is operating; pursuant to 401 KAR 5:010, Section 3.
- COMMENT 3: "Part III, Page III-1 E Outfall Signage and listed Fact Sheet, Page 6, 7. PROPOSED SPECIAL CONDITIONS WHICH WILL HAVE A SIGNIFICANT IMPACT ON THE DISCHARGE. MSD objects to this requirement. It is MSD's contention that the adoption of ORSANCO signage standards without promulgating said standards in regulation violates the provisions of KRS 13A.130(1)(b). This provision prohibits a state agency from expanding upon statutes or regulations by policy. The inclusion of ORSANCO standards in this permits gives the force of law to requirements pertaining to not only location of signs but size and lettering requirements as well. Without these standards being promulgated by regulation there is no legal basis to include these requirements in MSD's permits. Currently, MSD posts signs on the Ohio River and where outfalls could pose a potential threat to navigable traffic. Accordingly, MSD requests that this requirement be removed from the final issued permits until such time the requirements and standards are promulgated in the form of regulation."
- RESPONSE 3: It is the Best Professional Judgment of the Division of Water, 401 KAR 5:080, Section 1(2)(c)2, that all permittees post a marker at all discharge locations and/or monitoring points. The ORSANCO requirements for the marker specify it to be at least 2 feet by 2 feet in size and a minimum of 3 feet above ground level with the Permittee Name and KPDES permit and outfall numbers in 2 inch letters. For internal monitoring points the marker shall be of sufficient size to include the outfall number in 2 inch letters and is to be posted as near as possible to the actual sampling location. The outfall signage requirements are as specified in the issued permit.

RESPONSE TO COMMENTS

KPDES Permit No: KY0044261

AI No.: 2054

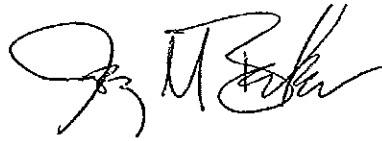
Page 3

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. 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 the regulations promulgated thereto. The 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, 200 Fair Oaks Lane, 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 these responses, please contact Dan Juett, KPDES Branch, at (502) 564-8158, extension 4894.

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,



Sandra L. Gruzesky, Director
Division of Water

SLG:JMB:LJS:DDJ

KPDES



KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT

PERMIT NO.: KY0044261
AI NO.: 2054

AUTHORIZATION TO DISCHARGE UNDER THE KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

Pursuant to Authority in KRS 224,

Louisville & Jefferson County Metropolitan Sewer District
700 West Liberty Street
Louisville, Kentucky 40203

is authorized to discharge from a facility located at

Glenview Bluff Water Quality Treatment Center
3711 Glen Bluff Road
Louisville, Jefferson County, Kentucky

to receiving waters named

Unnamed tributary at mile point 0.3 to an unnamed tributary at mile point 0.2 to
the Ohio River at mile point 384.1

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 pages, and Part III 1 page.

This permit shall become effective on January 1, 2010.

This permit and the authorization to discharge shall expire at midnight,
December 31, 2014.

A handwritten signature in black ink, appearing to read "Sandra L. Gruzesky".

November 2, 2009
Date Signed

Sandra L. Gruzesky, Director
Division of Water

A1. 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 (Design Flow = 0.01 MGD)

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

EFFLUENT CHARACTERISTICS	DISCHARGE LIMITATIONS			MONITORING REQUIREMENTS		
	(lbs/day)	Other Units (Specify)	Measurement Frequency	Sample Type	Measurement Frequency	Sample Type
Flow (MGD)	Report	Report	N/A	N/A	1/Quarter	Instantaneous
CBOD ₅ (mg/l)	2.09	3.13	25	37.5	1/Quarter	24 Hr Composite
TSS (mg/l)	2.50	3.75	30	45	1/Quarter	24 Hr Composite
Ammonia Nitrogen (as mg/l N) May 1 - October 31 November 1 - April 30	0.33 0.83	0.50 1.25	4.0 10.0	6.0 15.0	1/Quarter 1/Quarter	24 Hr Composite 24 Hr Composite
Escherichia Coli (N/100 mL)	N/A	N/A	130	240	1/Quarter	Grab
Dissolved Oxygen (mg/l) (minimum)	N/A	N/A	Not less than 7.0		1/Quarter	Grab
pH (standard units)	N/A	N/A	6.0 (min)	9.0 (max)	1/Quarter	Grab
Total Residual Chlorine (mg/l)	N/A	N/A	0.011	0.019	1/Quarter	Grab
Total Phosphorus (mg/l)	N/A	N/A	Report	Report	1/Quarter	24 Hr Composite
Total Nitrogen (mg/l)	N/A	N/A	Report	Report	1/Quarter	24 Hr Composite

The abbreviation CBOD₅ means Carbonaceous Biochemical Oxygen Demand (5-day).
 The abbreviation TSS means Total Suspended Solids.
 The abbreviation N/A means Not Applicable.

The effluent limitations for CBOD₅ and TSS are Monthly (30 day) and Weekly (7 day) Averages.

The effluent limitations for Escherichia Coli are thirty (30) day and seven (7) day Geometric Means.

Total Nitrogen is to be reported as the summation of the analytical results for Total Nitrates, Total Nitrites, and Total Kjeldahl Nitrogen.

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

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: nearest accessible point prior to discharge to or mixing with the receiving waters or wastestreams from other outfalls.

PART I
Page I-2
Permit No.: KY0044261
AI No.: 2054

B. SCHEDULE OF COMPLIANCE

The permittee shall achieve compliance with all requirements on the effective date of this permit.

PART II
Page II-1
Permit No.: KY0044261
AI NO.: 2054

STANDARD CONDITIONS FOR KPDES 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.

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.

PART III

OTHER REQUIREMENTS

A. Reporting of Monitoring Results

Monitoring results obtained during each monitoring period must be reported on a preprinted Discharge Monitoring Report (DMR) Form that will be mailed to you. The completed DMR for each monitoring period 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 monitoring period for which monitoring results were obtained.

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

Division of Water
Surface Water Permits Branch
Permit Support Section
200 Fair Oaks Lane
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 5:086, 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.

C. Disposal of Non-Domestic Wastes

The pass through or non-treatment by the wastewater treatment plant of chemicals or compounds which may injure, be chronically or acutely toxic to or produce adverse physiological or behavioral responses in humans, animals, fish and other aquatic life is not desirable. Materials such as acids, caustics, herbicides, household chemicals or cleansers, insecticides, lawn chemicals, non-biodegradable products, paints, pesticides, pharmaceuticals, and petroleum based products may not be treatable by the wastewater treatment plant and should not be introduced and other environmentally sound methods for disposal should be utilized. The permittee should educate users of its system that introduction of such chemicals or compounds could result in an adverse environmental impact and provide the users with alternative disposal measures.

D. Certified Operators

This wastewater system shall be operated under the supervision of a Class I Kentucky Certified Operator who shall be reasonably available at all times. All other operators employed by the system shall hold a Kentucky Certificate or shall be in the process of obtaining a Kentucky Certificate. The certificates of each operator shall be prominently displayed on the wall of the system office.

E. Outfall Signage

The permittee shall post a permanent marker at all discharge locations and/or monitoring points. The marker shall be at least 2 feet by 2 feet in size and a minimum of 3 feet above ground level with the Permittee Name and KPDES permit and outfall numbers in 2 inch letters. For internal monitoring points the marker shall be of sufficient size to include the outfall number in 2 inch letters and shall be posted as near as possible to the actual sampling location.



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LEONARD K. PETERS
SECRETARY

FACT SHEET

**KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM
PERMIT TO DISCHARGE TREATED WASTEWATER
INTO WATERS OF THE COMMONWEALTH**

KPDES No.: KY0044261 Permit Writer: Dan Juett Date: November 2, 2009
AI No.: 2054

1. **SYNOPSIS OF APPLICATION**

a. Name and Address of Applicant

Louisville & Jefferson County Metropolitan Sewer District
700 West Liberty Street
Louisville, Kentucky 40203

b. Facility Location

Glenview Bluff Water Quality Treatment Center
3711 Glen Bluff Road
Louisville, Jefferson County, Kentucky

c. Description of Applicant's Operation

Public Owned Treatment Works (POTW)

d. Design Capacity

0.01 MGD

e. Description of Existing Pollution Abatement Facilities

Treatment consists of bar screen, comminutor, aeration tank, clarifier, sand filter, chlorine disinfection, and dechlorination. Sludge Solids are thickened in holding tank and hauled to MFWTP for disposal.

f. Permitting Action

This is a reissuance of a minor KPDES permit for a public owned wastewater treatment works serving residential and commercial (non-industrial) users.

2. RECEIVING WATER

a. Name/Mile Point

Facility discharges to an unnamed tributary at mile point 0.3 to an unnamed tributary at mile point 0.2 to the Ohio River at mile point 384.1 which corresponds to U. S. Corp of Engineers River Mile Index 597.3 for the Ohio River.

b. Stream Segment Use Classification

Pursuant to 401 KAR 5:026, Section 5, the unnamed tributary at mile point 0.3 carries the following classifications: warm water aquatic habitat, primary contact recreation, secondary contact recreation, and domestic water supply.

c. Stream Segment Categorization

Pursuant to 401 KAR 5:030, Section 1 the unnamed tributary at mile point 0.3 is categorized as "High Quality Waters".

d. Stream Low Flow Condition

The 7-day, 10-year low flow and harmonic mean conditions of the unnamed tributary at mile point 0.3 are 0.0 and 0.0 cfs, respectively.

3. REPORTED DISCHARGE AND PROPOSED LIMITS

Serial Number 001 - Sanitary Wastewater (Design Flow = 0.01 MGD)

Effluent Characteristics	Reported Discharge		Proposed Limits		Applicable Water Quality Criteria and/or Effluent Guidelines
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	
Flow (MGD)	0.003	0.004	Report	Report	401 KAR 5:065, Section 2(8)
CBOD ₅ (mg/l)	3	7	25	37.5	401 KAR 10:031, Section 4 401 KAR 5:045, Sections 3 and 5
TSS (mg/l)	7	24	30	45	401 KAR 10:031, Section 4 401 KAR 5:045, Sections 2 and 3
Fecal Coliform (N/100 mL)	2	15	Removing from permit		401 KAR 5:080, Section 1(2)(c)2
<i>Escherichia Coli</i> (N/100 mL)	NR	NR	130	240	401 KAR 10:031, Section 7 401 KAR 5:045, Section 4 401 KAR 5:080, Section 1(2)(c)2
Ammonia Nitrogen (as mg/l N) May 1 - October 31 November 1 - April 30	0.55 0.19	3.81 0.35	4.0 10.0	6.0 15.0	401 KAR 10:031, Section 4 401 KAR 5:045, Sections 3 and 5
Dissolved Oxygen (mg/l) (minimum)	8	9.6	Not less than 7.0		401 KAR 10:031, Section 4 401 KAR 5:045, Sections 3 and 5
pH (standard units)	6.9	7.3	6.0 (min)	9.0 (max)	401 KAR 10:031, Section 4 401 KAR 5:045, Section 4

3. REPORTED DISCHARGE AND PROPOSED LIMITS - SANITARY FACILITY

Serial Number 001 - Sanitary Wastewater (Design Flow = 0.01 MGD)

Effluent Characteristics	Reported Discharge		Proposed Limits		Applicable Water Quality Criteria and/or Effluent Guidelines
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	
Total Residual Chlorine (mg/l)	N/A	N/A	0.011	0.019	401 KAR 10:031, Section 4(k)
Total Phosphorus (mg/l)	N/A	N/A	Report	Report	401 KAR 5:065, Section 2(8)
Total Nitrogen (mg/l)	N/A	N/A	Report	Report	401 KAR 5:065, Section 2(8)

The data contained under the reported discharge columns is not from the renewal application, but rather from the analysis of the DMR data that has been reported during the term of the previous permit.

The abbreviation CBOD₅ means Carbonaceous Biochemical Oxygen Demand (5-day).

The abbreviation TSS means Total Suspended Solids.

The abbreviation N/A means not applicable.

The abbreviation NR means not reported on the Discharge Monitoring Report (DMR).

The effluent limitations for CBOD₅ and TSS are Monthly (30 day) and Weekly (7 day) Averages.

The effluent limitations for *Escherichia Coli* are thirty (30) day and seven (7) day Geometric Means.

Total Nitrogen is to be reported as the summation of the analytical results for Total Nitrates, Total Nitrites, and Total Kjeldahl Nitrogen.

4. METHODOLOGY USED IN DETERMINING LIMITATIONS

a. Serial Number

Outfall 001 Sanitary Wastewater (Design Flow = 0.01 MGD)

b. Effluent Characteristics

Flow, CBOD₅, TSS, Fecal Coliform Bacteria, *Escherichia Coli*, pH, Ammonia Nitrogen, Dissolved Oxygen, Total Residual Chlorine (TRC), Total Phosphorus, and Total Nitrogen.

c. Pertinent Factors

Wastewater treatment plant is a public owned treatment works (POTW) facility. The POTW treats sanitary wastewater from residential and commercial (non-industry) activities. The Louisville & Jefferson County Metropolitan Sewer District Facility Plan covers this POTW.

d. Monitoring Requirements

Flow monitoring shall be conducted instantaneously once per quarter.

CBOD₅, TSS, Ammonia Nitrogen, Total Phosphorus and Total Nitrogen shall be monitored once per quarter by 24 hour composite sampling.

Escherichia Coli, pH, Dissolved Oxygen and Total Residual Chlorine shall be monitored once per quarter by grab sample.

e. Justification of Conditions

The Kentucky regulations cited below have been duly promulgated pursuant to the requirements of Chapter 224 of the Kentucky Revised Statutes.

Escherichia Coli and Fecal Coliform Bacteria

The limits for *Escherichia Coli* are consistent with the requirements of 401 KAR 10:031, Section 7, 401 KAR 5:045 Section 4 and 401 KAR 5:080, Section 1(2)(c) 2. The removal of Fecal Coliform Bacteria is consistent with the requirements of 401 KAR 5:080 Section 1 (2) (c)2. Although Fecal Coliform Bacteria has been used as an indicator of fecal contamination, it does contain other species that are not necessarily fecal in origin. EPA recommends *Escherichia Coli*, which is specific to fecal material from warm-blooded animals, as the best indicator of health risk from contact with recreational waters. Therefore, it is the "Best Professional Judgment "BPJ" of the Division of Water that *Escherichia Coli* replace Fecal Coliform Bacteria on this permit.

Flow

The monitoring requirements for this parameter are consistent with the requirements of 401 KAR 5:065, Section 2(8).

CBOD₅, Ammonia Nitrogen, and Dissolved Oxygen

The limits for these parameters are consistent with the requirements of 401 KAR 10:031, Section 4, and 401 KAR 5:045, Sections 3 and 5. Section 4 of 10:031 establishes water quality criteria for the protection of Kentucky's waters. Section 5 of 5:045 requires biochemically degradable wastewaters to receive treatment in excess of secondary treatment if the Cabinet determines that the receiving water would not satisfy applicable water quality standards as a result of a facility discharge or discharges from multiple facilities.

Total Suspended Solids

The limits for this parameter are consistent with the requirements of 401 KAR 10:031, Section 4 and 5:045, Sections 2 and 3. Section 4 of 10:031 establishes water quality criteria for the protection of Kentucky's waters. Sections 2 and 3 of 5:045 require biochemically degradable wastewaters to receive secondary treatment.

pH

The limits for these parameters are consistent with the requirements of 401 KAR 10:031, Section 4 and 5:045, Section 4. Section 4 of 10:031 establishes water quality criteria for the protection of Kentucky's waters. Section 4 of 5:045 establishes the acceptable levels of these parameters for biochemically degradable wastewaters.

Total Residual Chlorine

The limits for these parameters are consistent with the requirements of 401 KAR 10:031, Section 4.

Total Phosphorus and Total Nitrogen

The monitoring requirements for these/these parameters are consistent with the requirements of 401 KAR 5:065, Section 2(8)(a). Total Nitrogen is TKN (as N) and nitrate/nitrite (as N).

5. ANTIDEGRADATION

The conditions of 401 KAR 10:029, Section 1 have been satisfied by this permit action. Since this permit action involves reissuance of an existing permit, and does not propose an expanded discharge, a review under 401 KAR 10:030 Section 1 is not applicable.

6. PROPOSED COMPLIANCE SCHEDULE FOR ATTAINING EFFLUENT LIMITATIONS

The permittee will comply with all effluent limitations by the effective date of the permit.

7. PROPOSED SPECIAL CONDITIONS WHICH WILL HAVE A SIGNIFICANT IMPACT ON THE DISCHARGE**Disposal of Non-Domestic Wastes**

The pass through or non-treatment by the wastewater treatment plant of chemicals or compounds which may injure, be chronically or acutely toxic to or produce adverse physiological or behavioral responses in humans, animals, fish and other aquatic life is not desirable. Materials such as acids, caustics, herbicides, household chemicals or cleansers, insecticides, lawn chemicals, non-biodegradable products, paints, pesticides, pharmaceuticals, and petroleum based products may not be treatable by the wastewater treatment plant and should not be introduced and other environmentally sound methods for disposal should be utilized. The permittee should educate users of its system that introduction of such chemicals or compounds could result in an adverse environmental impact and provide the users with alternative disposal measures. This requirement is consistent with the requirements of 401 KAR 5:065, Section 1(5) and 401 KAR 5:080, Section 1(2)(c)2.

Outfall Signage

As a member of ORSANCO (Ohio River Valley Sanitation Commission) the Commonwealth of Kentucky through the Division of Water implements a requirement that the permittee post a permanent marker at each discharge point to the Ohio River. It is the Best Professional Judgment of the Division of Water, 401 KAR 5:080, Section 1(2)(c)2, that all permittees post a marker at all discharge locations and/or monitoring points. The ORSANCO requirements for the marker specify it to be at least 2 feet by 2 feet in size and a minimum of 3 feet above ground level with the Permittee Name and KPDES permit and outfall numbers in 2 inch letters. For internal monitoring points the marker shall be of sufficient size to include the outfall number in 2 inch letters and is to be posted as near as possible to the actual sampling location.

7. PROPOSED SPECIAL CONDITIONS WHICH WILL HAVE A SIGNIFICANT IMPACT ON THE DISCHARGE

Certified Operators

Pursuant to 401 KAR 5:010, Section 2(1) wastewater systems shall be operated under the supervision of a certified operator who holds a Kentucky Certificate equivalent to the class of system being supervised. All other operators employed by the system shall hold a Kentucky Certificate or shall be in the process of obtaining a Kentucky Certificate.

Pursuant to 401 KAR 5:010, Section 8 wastewater systems shall be classified as follows:

- Class I: Systems with a design capacity of less than or equal to 50,000 gpd
- Class II: Systems with a design capacity of more than 50,000 gpd but less than or equal to 2.0 MGD
- Class III: Systems with a design capacity of more than 2.0 MGD but less than or equal to 7.5 MGD
- Class IV: Systems with a design capacity of more than 7.5 MGD

Section 2(2) of 401 KAR 5:010 require the certified operator to be reasonably available if not physically present while the system is operating.

Section 2(3) of 401 KAR 5:010 require the Kentucky Certificate shall be displayed on the wall of wastewater system office.

8. PERMIT DURATION

Five (5) years. This facility is in the Salt/Licking Basin Management Unit as per the Kentucky Watershed Management Framework.

9. PERMIT INFORMATION

The application, draft permit, fact sheet, public notice, comments received, and additional information is available from the Division of Water at 200 Fair Oaks Lane, Frankfort, Kentucky 40601.

10. REFERENCES AND CITED DOCUMENTS

All material and documents referenced or cited in this fact sheet are a part of the permit information as described above and are readily available at the Division of Water Central Office. Information regarding these materials may be obtained from the person listed below.

11. CONTACT

For further information on the draft permit or comment process, contact the individual identified on the Public Notice or the Permit Writer - Dan Juett at (502) 564-8158, extension 4894, or email Dan.Juett@ky.gov.

12. PUBLIC NOTICE INFORMATION

Please refer to the attached Public Notice for details regarding the procedures for a final decision, deadline for comments and other information required by 401 KAR 5:075, Section 4(2)(e).

Louisville & Jefferson County MSD Glenview Bluff STP

