

STATE OF MISSOURI  
**DEPARTMENT OF NATURAL RESOURCES**

MISSOURI CLEAN WATER COMMISSION



**MISSOURI STATE OPERATING PERMIT**

In compliance with the Missouri Clean Water Law, (Chapter 644 R.S. Mo. as amended, hereinafter, the Law), and the Federal Water Pollution Control Act (Public Law 92-500, 92<sup>nd</sup> Congress) as amended,

Permit No. MO-0001082

Owner: Ameren UE  
Address: 1901 Chouteau Avenue, PO Box 66149, MC602, St. Louis, MO 63166-6149

Continuing Authority: Same as above  
Address: Same as above

Facility Name: Ameren UE, Taum Sauk Hydroelectric Power Plant  
Address: 800 County Road 206, Annapolis, MO 63620

Legal Description: SE ¼, SW ¼, Sec. 21, T33N, R2E, Reynolds County  
Latitude /Longitude +3731138 / -09050054  
Receiving Stream: East Fork of Black River (U)  
First Classified Stream and ID: Lower Taum Sauk Lake (L3) (07325)  
USGS Basin & Sub-watershed No.: (11010007-030002)

is authorized to discharge from the facility described herein, in accordance with the effluent limitations and monitoring requirements as set forth herein:

**FACILITY DESCRIPTION**

See page 2

This permit authorizes only wastewater discharges under the Missouri Clean Water Law and the National Pollutant Discharge Elimination System; it does not apply to other regulated areas. This permit may be appealed in accordance with Section 644.051.6 of the Law.

August 7, 2009    October 13, 2011  
Effective Date    Revised

A handwritten signature in black ink that reads "Sara Parker Pauley".

Sara Parker Pauley, Director, Department of Natural Resources

August 6, 2014  
Expiration Date

Gary L. Gaines, P.E., Director, Southeast Regional Office

FACILITY DESCRIPTION

Outfall #001 – SIC # - Power Plant - SIC #4911

Plant sump/oil water separator

Design flow is 2.93 MGD

Actual flow is 0.294 MGD

Legal Description:

SE ¼, SW ¼, Sec. 21, T33N, R2E, Reynolds County

Latitude/ Longitude:

+3731138 / -09050054

Receiving Stream:

East Fork of Black River (U)

First Classified Stream and ID:

Lower Taum Sauk Lake (L3) (07325)

USGS Basin & Sub-watershed No.:

(11010007-030002)

Outfall #002 - Power Plant - SIC #4911

Domestic Wastewater/Recirculating Fabric Filter/sludge disposal is by contract hauler/UV disinfection.

Design flow is 0.0004 MGD

Actual flow is 0.0003 MGD

Design sludge production is 0.5 dry ton/year.

Legal Description:

SE ¼, SW ¼, Sec. 21, T33N, R2E, Reynolds County

Latitude/ Longitude:

+3731138 / -09050054

Receiving Stream:

East Fork of Black River (U)

First Classified Stream and ID:

Lower Taum Sauk Lake (L3) (07325)

USGS Basin & Sub-watershed No.:

(11010007-030002)

Outfall #003 - Power Plant - SIC #4911

Non-contact cooling water/intermittent flow.

Design flow is 6.51 MGD

Actual flow is 3.510 MGD

Legal Description:

SE ¼, SW ¼, Sec. 21, T33N, R2E, Reynolds County

Latitude/ Longitude:

+3731138 / -09050054

Receiving Stream:

East Fork of Black River (U)

First Classified Stream and ID:

Lower Taum Sauk Lake (L3) (07325)

USGS Basin & Sub-watershed No.:

(11010007-030002)

Outfall #004 - Power Plant - SIC #4911

Non-contact cooling water/intermittent flow.

Design flow is 0.125 MGD

Actual flow is 0.110 MGD

Legal Description:

SE ¼, SW ¼, Sec. 21, T33N, R2E, Reynolds County

Latitude/ Longitude:

+3731138 / -09050054

Receiving Stream:

East Fork of Black River (U)

First Classified Stream and ID:

Lower Taum Sauk Lake (L3) (07325)

USGS Basin & Sub-watershed No.:

(11010007-030002)

Outfall #005 - Power Plant - SIC #4911

Storm water runoff.

Design flow is 0.015 MGD

Actual flow is 0.0039 MGD (10 yr 24 hr event)

Legal Description:

SE ¼, SW ¼, Sec. 21, T33N, R2E, Reynolds County

Latitude/ Longitude:

+3731138 / -09050054

Receiving Stream:

East Fork of Black River (U)

First Classified Stream and ID:

Lower Taum Sauk Lake (L3) (07325)

USGS Basin & Sub-watershed No.:

(11010007-030002)

Outfall #006 – Power Plant – SIC #4911

Seep Water from the upper reservoir. No-Discharge pump back facilities.

Design flow is 3.1 MGD (includes 25 year – 24 hour storm event)

Actual flow is 1.9 MGD (maximum seep water flows only)

Legal Description:

NW 1/4, NW ¼, Sec. 22, T33N, R2E, Reynolds County

UTM Coordinates:

X=692354 Y=4156116

Receiving Stream:

Unnamed Tributary to Taum Sauk Creek (U)

First Classified Stream and ID:

Taum Sauk Creek (C) (2738)

USGS Basin & Sub-watershed No.:

(11010007-030002)

**A. FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

PERMIT NUMBER MO-0001082

The permittee is authorized to discharge from outfall(s) with serial number(s) as specified in the application for this permit. The final effluent limitations shall become effective upon issuance and remain in effect until expiration of the permit. Such discharges shall be controlled, limited and monitored by the permittee as specified below:

OUTFALL NUMBER AND EFFLUENT PARAMETER(S)	UNITS	FINAL EFFLUENT LIMITATIONS			MONITORING REQUIREMENTS	
		DAILY MAXIMUM	WEEKLY AVERAGE	MONTHLY AVERAGE	MEASUREMENT FREQUENCY	SAMPLE TYPE
<u>Outfall #001</u>						
Flow	MGD	*		*	once/quarter***	24 hr. estimate
Total Suspended Solids	mg/L	100		30	once/quarter***	grab
Oil & Grease	mg/L	15		10	once/quarter***	grab
pH - Units	SU	**		**	once/quarter***	grab
<u>Outfall #002</u>						
Flow	MGD	*		*	once/quarter***	24 hr. estimate
Biochemical Oxygen Demand <sub>5</sub>	mg/L	45		30	once/quarter***	grab
Total Suspended Solids	mg/L	45		30	once/quarter***	grab
pH - Units	SU	**		**	once/quarter***	grab
Fecal Coliform*****	#/100ml	1000		400	once/quarter***	grab
Ammonia as N	mg/L	*		*	once/quarter***	grab
<u>Outfall #003</u>						
Flow	MGD	*		*	once/quarter***	24 hr. estimate
Temperature	°F	*		*	once/quarter	grab

MONITORING REPORTS SHALL BE SUBMITTED QUARTERLY; THE FIRST REPORT IS DUE October 28, 2009.

<u>Outfall #004</u>						
Flow	MGD	*		*	once/year****	24 hr. estimate
Temperature	°F	*		*	once/year****	grab
<u>Outfall #005</u> note 1						

MONITORING REPORTS SHALL BE SUBMITTED ANNUALLY; THE FIRST REPORT IS DUE October 28, 2010. THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

**B. STANDARD CONDITIONS**

IN ADDITION TO SPECIFIED CONDITIONS STATED HEREIN, THIS PERMIT IS SUBJECT TO THE ATTACHED Part I STANDARD CONDITIONS DATED October 1, 1980, AND HEREBY INCORPORATED AS THOUGH FULLY SET FORTH HEREIN.

<b>A. FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS</b>				PAGE NUMBER 4 of 6		
				PERMIT NUMBER MO-0001082		
The permittee is authorized to discharge from outfall(s) with serial number(s) as specified in the application for this permit. The final effluent limitations shall become effective upon issuance and remain in effect until expiration of the permit. Such discharges shall be controlled, limited and monitored by the permittee as specified below:						
OUTFALL NUMBER AND EFFLUENT PARAMETER(S)	UNITS	FINAL EFFLUENT LIMITATIONS			MONITORING REQUIREMENTS	
		DAILY MAXIMUM	WEEKLY AVERAGE	MONTHLY AVERAGE	MEASUREMENT FREQUENCY	SAMPLE TYPE
<u>Outfall #006</u> – Emergency discharge from pump back facilities (Note 2&3)						
Freeboard	feet	*			once/month	measured
Rainfall	inches	*			daily	total
MONITORING REPORTS SHALL BE SUBMITTED <u>ANNUALLY</u> ; THE FIRST REPORT IS DUE <u>January 28, 2012</u> . THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.						
<b>B. STANDARD CONDITIONS</b>						
IN ADDITION TO SPECIFIED CONDITIONS STATED HEREIN, THIS PERMIT IS SUBJECT TO THE ATTACHED <u>Part I</u> STANDARD CONDITIONS DATED <u>October 1, 1980 and August 15, 1994</u> , AND HEREBY INCORPORATED AS THOUGH FULLY SET FORTH HEREIN.						

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

- \* Monitor and report.
- \*\* pH is measured in pH units and is not to be averaged. The pH is limited to the range of 6.0-9.0.
- \*\*\* Sample once per quarter in January, April, July & October.
- \*\*\*\* Sample once per year in July.
- \*\*\*\*\* Final limitations and monitoring requirements for fecal coliform are applicable only during the recreational season from April 1 through October 31.

Note 1 – Monitoring for this outfall will not be required as long as the permittee maintains Best Management Practices (BMP) for storm water as outlined in the October 15, 2003, letter and enclosures from AmerenUE. This letter is considered a part of the application for renewal of the permit.

Note 2 – No-discharge facility requirements. Seep Water from the upper reservoir is collected and pumped back into the upper reservoir for reuse including associated stormwater generated by a storm event up to the 25 year, 24 hour storm event. Seep Water shall be stored and pumped back during suitable conditions so that there is no-discharge from the storage pond. An emergency discharge may occur when excess water has accumulated above feasible pumping rates due to precipitation exceeding the 25-year 24-hour storm event equivalent to a 6 inch rainfall event in a 24 hour period.

Note 3 –Freeboard shall be reported as water level in feet below the overflow level of the storage pond.

### C. SPECIAL CONDITIONS

1. This permit may be reopened and modified, or alternatively revoked and reissued, to:
  - (a) Comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a) (2) of the Clean Water Act, 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.
  - (b) Incorporate new or modified effluent limitations or other conditions, if the result of a waste load allocation study, toxicity test or other information indicates changes are necessary to assure compliance with Missouri's Water Quality Standards.
  - (b) Incorporate new or modified effluent limitations or other conditions if, as the result of a watershed analysis, a Total Maximum Daily Load (TMDL) limitation is developed for the receiving waters which are currently included in Missouri's list of waters of the state not fully achieving the state's water quality standards, also called the 303(d) list.The permit as modified or reissued under this paragraph shall also contain any other requirements of the Clean Water Act then applicable.
2. All outfalls must be clearly marked in the field.
3. This permit authorizes the continued use of Outfall #005 to discharge uncontaminated storm water. Monitoring of this outfall will not be required as long as the permittee adheres to Best Management Practices (BMP's) as described in the October 15, 2003, letter and attachments from Michael Bollinger. Should an inspection show the BMP's are not being followed, the department may modify the permit to require monitoring of this outfall.
4. Report as no-discharge when a discharge does not occur during the report period.
5. Changes in Discharges of Toxic Substances

The permittee shall notify the Director as soon as it knows or has reason to believe:

- (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels:"
    - (1) One hundred micrograms per liter (100 µg/L);
    - (2) Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,5 dinitrophenol and for 2-methyl-4, 6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
    - (3) Five (5) times the maximum concentration value reported for the pollutant in the permit application;
    - (4) The level established in Part A of the permit by the Director.
  - (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant, which was not reported in the permit application.
6. General Criteria. The following water quality criteria shall be applicable to all waters of the state at all times including mixing zones. No water contaminant, by itself or in combination with other substances, shall prevent the waters of the state from meeting the following conditions:
    - (a) Waters shall be free from substances in sufficient amounts to cause the formation of putrescent, unsightly or harmful bottom deposits or prevent full maintenance of beneficial uses;
    - (b) Waters shall be free from oil, scum and floating debris in sufficient amounts to be unsightly or prevent full maintenance of beneficial uses;
    - (c) Waters shall be free from substances in sufficient amounts to cause unsightly color or turbidity, offensive odor or prevent full maintenance of beneficial uses;
    - (d) Waters shall be free from substances or conditions in sufficient amounts to result in toxicity to human, animal or aquatic life;
    - (e) There shall be no significant human health hazard from incidental contact with the water;
    - (f) There shall be no acute toxicity to livestock or wildlife watering;
    - (g) Waters shall be free from physical, chemical or hydrologic changes that would impair the natural biological community;
    - (h) Waters shall be free from used tires, car bodies, appliances, demolition debris, used vehicles or equipment and solid waste as defined in Missouri's Solid Waste Law, section 260.200, RSMo, except as the use of such materials is specifically permitted pursuant to section 260.200-260.247.

C. SPECIAL CONDITIONS (continued)

7. Emergency Discharge. Outfall 006 may only discharge if rainfall exceeds the 25 year, 24 hour storm event equivalent to a 6 inch rainfall event in a 24 hour period. **Discharge for any other reason shall constitute a permit violation and shall be recorded in accordance with Standard Conditions, Part 1, Section B.2.** Monitoring shall take place once per day while discharging. Test results are due on the 28<sup>th</sup> day of the month following the calendar month during which the cessation of the discharge occurred. Permittee shall monitor for the following constituents:

<b>Constituent</b>	<b>Units</b>
Flow	MGD
Hardness	mg/L
Settleable Solids	ml/l/hr
Copper, Total Recoverable	µg/L
Aluminum, Total Recoverable	µg/L
Selenium, Total Recoverable	µg/L
Arsenic, Total Recoverable	µg/L
Iron, Total Recoverable	µg/L
pH – Units	Standard Units

**Missouri Department of Natural Resources**  
**FACT SHEET**  
**FOR THE PURPOSE OF MODIFICATION OF**  
**MO-0001082,**  
**AMEREN UE, TAUM SAUK HYDROELECTRIC POWER PLANT,**  
**REYNOLDS COUNTY, MISSOURI**

The Federal Water Pollution Control Act ("Clean Water Act" Section 402 Public Law 92-500 as amended) established the National Pollution Discharge Elimination System (NPDES) permit program. This program regulates the discharge of pollutants from point sources into the waters of the United States, and the release of storm water from certain point sources. All such discharges are unlawful without a permit (Section 301 of the "Clean Water Act"). After a permit is obtained, a discharge not in compliance with all permit terms and conditions is unlawful. Missouri State Operating Permits (MSOPs) are issued by the Director of the Missouri Department of Natural Resources (department) under an approved program, operating in accordance with federal and state laws (Federal "Clean Water Act" and "Missouri Clean Water Law" Section 644 as amended). MSOPs are issued for a period of five (5) years unless otherwise specified.

As per [40 CFR Part 124.8(a)] and [10 CSR 20-6.020(1)2.] a Factsheet shall be prepared to give pertinent information regarding the applicable regulations, rationale for the development of effluent limitations and conditions, and the public participation process for the Missouri State Operating Permit (operating permit) listed below.

A Factsheet is not an enforceable part of an operating permit.

This Factsheet is for a Minor , Industrial Facility .

**Part I – Facility Information**

Facility Type: Industrial Facility

Facility SIC Code(s): 4911

Facility Description: Pumped storage reservoir for peak flow electric generation.

Application Date: April 29, 2011

Expiration Date: August 6, 2014

**OUTFALL(S) TABLE:**

OUTFALL	DESIGN FLOW (CFS)	TREATMENT LEVEL	EFFLUENT TYPE	DISTANCE TO CLASSIFIED SEGMENT (MI)
#001	4.54	none	Plant sump	0.8
#002	0.00062	Recirculating Filter	Domestic wastewater	0.8
#003	10.1	none	Non contact cooling water	0.8
#004	0.193	none	Non contact cooling water	0.8
#005	0.023	none	Storm water	0.8
#006	3.1	None	River Water/Stormwater	0.8

Comments: Outfall #006 is currently permitted under MO-G491049 as a result of upper reservoir rebuild activities. The facilities consist of a storage pond that was used as pump back storage for the former facility and was converted to a settling pond during the upper reservoir rebuild for concrete batch plant needs. The company now wishes to return the settling pond to its former intended use of pump back storage, terminate coverage under MO-G491049, and seek coverage under this site specific permit. The company has elected to install pumping capabilities to meet no-discharge requirements.

**Part II – Operator Certification Requirements**

As per [10 CSR 20-6.010(8) Terms and Conditions of a Permit], permittees shall operate and maintain facilities to comply with the Missouri Clean Water Law and applicable permit conditions and regulations. Operators or supervisors of operations at regulated wastewater treatment facilities shall be certified in accordance with [10 CSR 20-9.020(2)] and any other applicable state law or regulation. As per [10 CSR 20-9.010(2)(A)], requirements for operation by certified personnel shall apply to all wastewater treatment systems, if applicable, as listed below:

Not Applicable ; This facility is not required to have a certified operator.

**Part III – Receiving Stream Information**

**APPLICABLE DESIGNATIONS OF WATERS OF THE STATE:**

As per Missouri’s Effluent Regulations [10 CSR 20-7.015], the waters of the state are divided into the below listed seven (7) categories. Each category lists effluent limitations for specific parameters, which are presented in each outfall’s Effluent Limitation Table and further discussed in the Derivation & Discussion of Limits section.

- Missouri or Mississippi River [10 CSR 20-7.015(2)]:
- Lake or Reservoir [10 CSR 20-7.015(3)]:
- Losing [10 CSR 20-7.015(4)]:
- Metropolitan No-Discharge [10 CSR 20-7.015(5)]:
- Special Stream [10 CSR 20-7.015(6)]:
- Subsurface Water [10 CSR 20-7.015(7)]:
- All Other Waters [10 CSR 20-7.015(8)]:

10 CSR 20-7.031 Missouri Water Quality Standards, the department defines the Clean Water Commission water quality objectives in terms of "water uses to be maintained and the criteria to protect those uses." The receiving stream and/or 1<sup>st</sup> classified receiving stream’s beneficial water uses to be maintained are located in the Receiving Stream Table located below in accordance with [10 CSR 20-7.031(3)].

**RECEIVING STREAM(S) TABLE:**

WATERBODY NAME	CLASS	WBID	DESIGNATED USES*	8-DIGIT HUC	EDU**
East Fork of Black River	U		General Criteria	11010007–030002	Ozark/Black/Current
Lower Taum Sauk Lake	L3	07325	SCR,AQL,LWW,WBC-B***		
Unnamed Trib to Taum Sauk Creek	U	2738	General Criteria		

\* - Irrigation (IRR), Livestock & Wildlife Watering (LWW), Protection of Warm Water Aquatic Life and Human Health-Fish Consumption (AQL), Cool Water Fishery(CLF), Cold Water Fishery (CDF), Whole Body Contact Recreation (WBC), Secondary Contact Recreation (SCR), Drinking Water Supply (DWS), Industrial (IND), Groundwater (GRW).  
 \*\* - Ecological Drainage Unit  
 \*\*\* - UAA not conducted

**RECEIVING STREAM(S) LOW-FLOW VALUES TABLE:**

RECEIVING STREAM OR LAKE	LOW-FLOW VALUES (CFS)		
	1Q10	7Q10	30Q10
East Fork of Black River (U)	0	0	0
Lower Taum Sauk Lake (L3)	0	0	0
Unnamed Trib to Taum Sauk Creek (U)	0	0	0

**MIXING CONSIDERATIONS TABLE:**

Mixing Zone: Not Allowed [10 CSR 20-7.031(4)(A)4.B.(I)(a)].  
 Zone of Initial Dilution: Not Allowed [10 CSR 20-7.031(4)(A)4.B.(I)(b)].

**RECEIVING STREAM MONITORING REQUIREMENTS:**

No receiving water monitoring requirements recommended at this time.

**Part IV – Rationale and Derivation of Effluent Limitations & Permit Conditions**

**ALTERNATIVE EVALUATIONS FOR NEW FACILITIES:**

As per [10 CSR 20-7.015(4)(A)], discharges to losing streams shall be permitted only after other alternatives including land application, discharges to a gaining stream and connection to a regional wastewater treatment facility have been evaluated and determined to be unacceptable for environmental and/or economic reasons.

Not Applicable ;

The facility does not discharge to a Losing Stream as defined by [10 CSR 20-2.010(36)] & [10 CSR 20-7.031(1)(N)], or is an existing facility.

**ANTI-BACKSLIDING:**

A provision in the Federal Regulations [CWA §303(d)(4); CWA §402(c); 40 CFR Part 122.44(I)] that requires a reissued permit to be as stringent as the previous permit with some exceptions.

- All limits in this operating permit are at least as protective as those previously established; therefore, backsliding does not apply.

**ANTIDEGRADATION:**

In accordance with Missouri's Water Quality Standard [10 CSR 20-7.031(2)], the Department is to document by means of Antidegradation Review that the use of a water body's available assimilative capacity is justified. Degradation is justified by documenting the socio-economic importance of a discharging activity after determining the necessity of the discharge.

- No- Discharge. No degradation proposed and no further review necessary.

**AREA-WIDE WASTE TREATMENT MANAGEMENT & CONTINUING AUTHORITY:**

As per [10 CSR 20-6.010(3)(B)], ...An applicant may utilize a lower preference continuing authority by submitting, as part of the application, a statement waiving preferential status from each existing higher preference authority, providing the waiver does not conflict with any area-wide management plan approved under section 208 of the Federal Clean Water Act or any other regional sewage service and treatment plan approved for higher preference authority by the Department.

**BIOSOLIDS, SLUDGE, & SEWAGE SLUDGE:**

Bio-solids are solid materials resulting from wastewater treatment that meet federal and state criteria for beneficial uses (i.e. fertilizer). Sludge is any solid, semi-solid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility or any other such waste having similar characteristics and effect. Sewage sludge is solids, semi-solids, or liquid residue generated during the treatment of domestic sewage in a treatment works; including but not limited to, domestic septage; scum or solids removed in primary, secondary, or advanced wastewater treatment process; and a material derived from sewage sludge. Sewage sludge does not include ash generated during the firing of sewage sludge in a sewage sludge incinerator or grit and screening generated during preliminary treatment of domestic sewage in a treatment works. Additional information regarding biosolids and sludge is located at the following web address: <http://dnr.mo.gov/env/wpp/pub/index.html>, items WQ422 through WQ449.

Not Applicable ;

This condition is not applicable to the permittee for this specific facility.

**COMPLIANCE AND ENFORCEMENT:**

Enforcement is the action taken by the Water Protection Program (WPP) to bring an entity into compliance with the Missouri Clean Water Law, its implementing regulations, and/or any terms and conditions of an operating permit. The primary purpose of the enforcement activity in the WPP is to resolve violations and return the entity to compliance.

Not Applicable ;

The permittee/facility is not currently under Water Protection Program enforcement action.

**PRETREATMENT PROGRAM:**

The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to or in lieu of discharging or otherwise introducing such pollutants into a Publicly Owned Treatment Works [40 CFR Part 403.3(q)].

Pretreatment programs are required at any POTW (or combination of POTW operated by the same authority) and/or municipality with a total design flow greater than 5.0 MGD and receiving industrial wastes that interfere with or pass through the treatment works or are otherwise subject to the pretreatment standards. Pretreatment programs can also be required at POTWs/municipals with a design flow less than 5.0 MGD if needed to prevent interference with operations or pass through.

Several special conditions pertaining to the permittee's pretreatment program may be included in the permit, and are as follows:

- Implementation and enforcement of the program,
- Annual pretreatment report submittal,
- Submittal of list of industrial users,
- Technical evaluation of need to establish local limitations, and
- Submittal of the results of the evaluation

Not Applicable ;

The permittee, at this time, is not required to have a Pretreatment Program or does not have an approved pretreatment program.

**REASONABLE POTENTIAL ANALYSIS (RPA):**

Federal regulation [40 CFR Part 122.44(d)(1)(i)] requires effluent limitations for all pollutants that are or may be discharged at a level that will cause or have the reasonable potential to cause or contribute to an in-stream excursion above narrative or numeric water quality standard.

Not Applicable ;

A RPA was not conducted for this facility.

**REMOVAL EFFICIENCY:**

Removal efficiency is a method by which the Federal Regulations define Secondary Treatment and Equivalent to Secondary Treatment, which applies to Biochemical Oxygen Demand 5-day (BOD<sub>5</sub>) and Total Suspended Solids (TSS) for Publicly Owned Treatment Works (POTWs)/municipals. Please see the United States Environmental Protection Agency's (EPA) website for interpretation of percent removal requirements for National Pollutant Discharge Elimination System Permit Application Requirements for Publicly Owned Treatment Works and Other Treatment Works Treating Domestic Sewage @ [www.epa.gov/fedrgstr/EPA-WATER/1999/August/Day-04/w18866.htm](http://www.epa.gov/fedrgstr/EPA-WATER/1999/August/Day-04/w18866.htm).

Not Applicable ;

This wastewater treatment facility is not a POTW. Influent monitoring is not being required to determine percent removal.

**SANITARY SEWER OVERFLOWS (SSOs), AND INFLOW & INFILTRATION (I&I):**

Collection systems are a critical element in the successful performance of the wastewater treatment process. Under certain conditions, poorly designed, built, managed, operated, and/or maintained systems can pose risks to public health, the environment, or both. Causes of SSOs include, but are not limited to, the following: high levels of I&I during wet weather; blockages; structural, mechanical, or electrical failures; collapsed or broken sewer pipes; insufficient conveyance capacity; and vandalism. Effective and continuous management, operation, and maintenance, as well as ensuring adequate capacity and rehabilitation when necessary are critical to maintaining collection system capacity and performance while extending the life of the system.

Not Applicable ;

This facility is not required to develop or implement a program for maintenance and repair of the collection system; however, it is a violation of Missouri State Environmental Laws and Regulations to allow untreated wastewater to discharge to waters of the state.

**SCHEDULE OF COMPLIANCE (SOC):**

A schedule of remedial measures included in a permit, including an enforceable sequence of interim requirements (actions, operations, or milestone events) leading to compliance with the Missouri Clean Water Law, its implementing regulations, and/or the terms and conditions of an operating permit.

Not Applicable ;

This permit does not contain a SOC.

**STORM WATER POLLUTION PREVENTION PLAN (SWPPP):**

A plan to schedule activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the state. The plan may include, but is not limited to, treatment requirements, operating procedures, and practices to control facility site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Not Applicable ;

At this time, the permittee is not required to develop and implement a SWPPP.

**VARIANCE:**

As per the Missouri Clean Water Law § 644.061.4, variances shall be granted for such period of time and under such terms and conditions as shall be specified by the commission in its order. The variance may be extended by affirmative action of the commission. In no event shall the variance be granted for a period of time greater than is reasonably necessary for complying with the Missouri Clean Water Law §§644.006 to 644.141 or any standard, rule or regulation promulgated pursuant to Missouri Clean Water Law §§644.006 to 644.141.

Not Applicable ;

This operating permit is not drafted under premises of a petition for variance.

**WASTELOAD ALLOCATIONS (WLA) FOR LIMITS:**

As per [10 CSR 20-2.010(78)], the amount of pollutant each discharger is allowed by the department to release into a given stream after the department has determined total amount of pollutant that may be discharged into that stream without endangering its water quality.

Not Applicable ;

Wasteload allocations were not calculated.

**WLA MODELING:**

There are two general types of effluent limitations, technology-based effluent limits (TBELs) and water quality based effluent limits (WQBELs). If TBELs do not provide adequate protection for the receiving waters, then WQBEL must be used.

Not Applicable ;

A WLA study was determined not applicable by department staff.

**WATER QUALITY STANDARDS:**

Per [10 CSR 20-7.031(3)], General Criteria shall be applicable to all waters of the state at all times including mixing zones. Additionally, [40 CFR 122.44(d)(1)] directs the Department to establish in each NPDES permit to include conditions to achieve water quality established under Section 303 of the Clean Water Act, including State narrative criteria for water quality.

**WHOLE EFFLUENT TOXICITY (WET) TEST:**

A WET test is a quantifiable method of determining if a discharge from a facility may be causing toxicity to aquatic life by itself, in combination with or through synergistic responses when mixed with receiving stream water.

Not Applicable ;

At this time, the permittee is not required to conduct WET test for this facility.

**40 CFR 122.41(M) - BYPASSES:**

The federal Clean Water Act (CWA), Section 402 prohibits wastewater dischargers from “bypassing” untreated or partially treated sewage (wastewater) beyond the headworks. A bypass, which includes blending, is defined as an intentional diversion of waste streams from any portion of a treatment facility, [40 CFR 122.41(m)(1)(i)]. Additionally, Missouri regulation 10 CSR 20-2.010(11) defines a bypass as the diversion of wastewater from any portion of wastewater treatment facility or sewer system to waters of the state. Only under exceptional and specified limitations do the federal regulations allow for a facility to bypass some or all of the flow from its treatment process. Bypasses are prohibited by the CWA unless a permittee can meet all of the criteria listed in 40 CFR 122.41(m)(4)(i)(A), (B), & (C). Any bypasses from this facility are subject to the reporting required in 40 CFR 122.41(l)(6) and per Missouri’s Standard Conditions I, Section B, part 2.b. Additionally, Anticipated Bypasses include bypasses from peak flow basins or similar.

- Not Applicable, this facility does not bypass.

**303(d) LIST & TOTAL MAXIMUM DAILY LOAD (TMDL):**

Section 303(d) of the federal Clean Water Act requires that each state identify waters that are not meeting water quality standards and for which adequate water pollution controls have not been required. Water quality standards protect such beneficial uses of water as whole body contact (such as swimming), maintaining fish and other aquatic life, and providing drinking water for people, livestock and wildlife. The 303(d) list helps state and federal agencies keep track of waters that are impaired but not addressed by normal water pollution control programs.

A TMDL is a calculation of the maximum amount of a given pollutant that a body of water can absorb before its water quality is affected. If a water body is determined to be impaired as listed on the 303(d) list, then a watershed management plan will be developed that shall include the TMDL calculation

Not Applicable ;

This facility does not discharge to a 303(d) listed stream.

**Part V – Effluent Limits Determination**

Outfall #001 – SIC # - Power Plant - SIC #4911

Plant sump/oil water separator

Design flow is 2.93 MGD

Actual flow is 0.294 MGD

Legal Description:

Latitude/ Longitude:

Receiving Stream:

First Classified Stream and ID:

USGS Basin & Sub-watershed No.:

SE ¼, SW ¼, Sec. 21, T33N, R2E, Reynolds County

+3731138 / -09050054

East Fork of Black River (U)

Lower Taum Sauk Lake (L3) (07325)

(11010007–030002)

**EFFLUENT LIMITATIONS TABLE (OUTFALL #001):**

PARAMETER	UNIT	BASIS FOR LIMITS	DAILY MAXIMUM	WEEKLY AVERAGE	MONTHLY AVERAGE	MODIFIED	PREVIOUS PERMIT LIMITATIONS
FLOW	GPD	1	*		*	NO	SAME
TSS	MG/L	1	100		30	NO	SAME
pH	SU	1	6-9		6-9	NO	SAME
OIL & GREASE (MG/L)	MG/L	1	15		10	NO	SAME
MONITORING FREQUENCY	Please see Minimum Sampling and Reporting Frequency Requirements in the Derivation and Discussion Section below.						

\* - MONITORING REQUIREMENT ONLY

\*\* - # of colonies/100mL; the Monthly Average for Fecal Coliform is a geometric mean.

\*\*\* - Parameter not previously established in previous state operating permit.

N/A – Not applicable

**Basis for Limitations Codes:**

1. State or Federal Regulation/Law
2. Water Quality Standard (includes RPA)
3. Water Quality Based Effluent Limits
4. Lagoon Policy
5. Ammonia Policy
6. Dissolved Oxygen Policy
7. Antidegradation Policy
8. Water Quality Model
9. Best Professional Judgment
10. TMDL or Permit in lieu of TMDL
11. WET Test Policy

**OUTFALL #001 – DERIVATION AND DISCUSSION OF LIMITS:**

Per [10 CSR 20-7.031(3)], General Criteria shall be applicable to all waters of the state at all times including mixing zones.

Additionally, [40 CFR 122.44(d)(1)] directs the department to establish in each NPDES permit conditions to achieve water quality established under Section 303 of the Clean Water Act, including State narrative criteria for water quality.

- **Flow.** In accordance with [40 CFR Part 122.44(i)(1)(ii)] the volume of effluent discharged from each outfall is needed to assure compliance with permitted effluent limitations. If the permittee is unable to obtain effluent flow, then it is the responsibility of the permittee to inform the department, which may require the submittal of an operating permit modification.
- **Total Suspended Solids (TSS).** Effluent limitations have been retained from previous state operating permit and are deemed to be protective
- **pH.** Effluent limitations have been retained from previous state operating permit and are deemed to be protective
- **Oil & Grease.** Conventional pollutant, effluent limitation for protection of aquatic life; 10 mg/L monthly average, 15 mg/L daily maximum.
- **Minimum Sampling and Reporting Frequency Requirements** Sampling and reporting frequency requirements have been retained from previous state operating permit.

**Outfall #002 - Power Plant - SIC #4911**

Domestic Wastewater/Recirculating Fabric Filter/sludge disposal is by contract hauler/UV disinfection.

Design flow is 0.0004 MGD

Actual flow is 0.0003 MGD

Design sludge production is 0.5 dry ton/year.

Legal Description:

SE ¼, SW ¼, Sec. 21, T33N, R2E, Reynolds County

Latitude/ Longitude:

+3731138 / -09050054

Receiving Stream:

East Fork of Black River (U)

First Classified Stream and ID:

Lower Taum Sauk Lake (L3) (07325)

USGS Basin & Sub-watershed No.:

(11010007-030002)

**EFFLUENT LIMITATIONS TABLE(OUTFALL #002):**

PARAMETER	UNIT	BASIS FOR LIMITS	DAILY MAXIMUM	WEEKLY AVERAGE	MONTHLY AVERAGE	MODIFIED	PREVIOUS PERMIT LIMITATIONS
FLOW	GPD	1	*		*	NO	SAME
BOD <sub>5</sub>	MG/L	1	45		30	NO	SAME
TSS	MG/L	1	45		30	NO	SAME
PH	SU	1	6-9		6-9	NO	SAME
AMMONIA AS N	MG/L	4	*		*	YES	ADDED
FECAL COLIFORM	**	1/2	1000		400	NO	ADDED
MONITORING FREQUENCY	Please see Minimum Sampling and Reporting Frequency Requirements in the Derivation and Discussion Section below.						

\* - MONITORING REQUIREMENT ONLY

\*\* - # of colonies/100mL; the Monthly Average for Fecal Coliform is a geometric mean.

\*\*\* - Parameter not previously established in previous state operating permit.

N/A – Not applicable

**Basis for Limitations Codes:**

1. State or Federal Regulation/Law
2. Water Quality Standard (includes RPA)
3. Water Quality Based Effluent Limits
4. Lagoon Policy
5. Ammonia Policy
- 6 .Dissolved Oxygen Policy
7. Antidegradation Policy
- 8 . Water Quality Model
9. Best Professional Judgment
10. TMDL or Permit in lieu of TMDL
11. WET Test Policy

**OUTFALL #002 – DERIVATION AND DISCUSSION OF LIMITS:**

Per [10 CSR 20-7.031(3)], General Criteria shall be applicable to all waters of the state at all times including mixing zones.

Additionally, [40 CFR 122.44(d)(1)] directs the department to establish in each NPDES permit conditions to achieve water quality established under Section 303 of the Clean Water Act, including State narrative criteria for water quality.

- **Flow.** In accordance with [40 CFR Part 122.44(i)(1)(ii)] the volume of effluent discharged from each outfall is needed to assure compliance with permitted effluent limitations. If the permittee is unable to obtain effluent flow, then it is the responsibility of the permittee to inform the department, which may require the submittal of an operating permit modification.
- **Biochemical Oxygen Demand (BOD<sub>5</sub>).** Effluent limitations have been retained from previous state operating permit, and are deemed to be protective.
- **Total Suspended Solids (TSS).** Effluent limitations have been retained from previous state operating permit and are deemed to be protective.
- **pH.** Effluent limitations have been retained from previous state operating permit and are deemed to be protective.
- **Ammonia as N.** Monitoring only to gather data to comply with Total Ammonia Criteria Implementation Guidance dated August 9, 2007.
- **Fecal Coliform.** Discharge shall not contain more than a monthly geometric mean of 400 colonies/100 mL and a daily maximum of 1000 colonies/100 mL during the recreational season (April 1 – October 31), please see the **APPLICABLE DESIGNATION OF WATERS OF THE STATE** sub-section of the **Receiving Stream Information.** Future renewals of the facility operating permit will contain effluent limitations for E. coli, which will replace fecal coliform as the applicable bacteria criteria in Missouri’s water quality standards.
- **Fecal Coliform.** Discharge shall not contain more than a monthly geometric mean of 400 colonies/100 mL and a daily maximum of 1000 colonies/100 mL during the recreational season (April 1 – October 31)

- **Oil & Grease.** Conventional pollutant, effluent limitation for protection of aquatic life; 15 mg/L monthly average, 20 mg/L daily maximum.
- **Minimum Sampling and Reporting Frequency Requirements** Sampling and reporting frequency requirements have been retained from previous state operating permit.

Outfall #003 - Power Plant - SIC #4911

Non-contact cooling water/intermittent flow.

Design flow is 6.51 MGD

Actual flow is 3.510 MGD

Legal Description:

SE ¼, SW ¼, Sec. 21, T33N, R2E, Reynolds County

Latitude/ Longitude:

+3731138 / -09050054

Receiving Stream:

East Fork of Black River (U)

First Classified Stream and ID:

Lower Taum Sauk Lake (L3) (07325)

USGS Basin & Sub-watershed No.:

(11010007-030002)

**EFFLUENT LIMITATIONS TABLE(OUTFALL #003):**

PARAMETER	UNIT	BASIS FOR LIMITS	DAILY MAXIMUM	WEEKLY AVERAGE	MONTHLY AVERAGE	MODIFIED	PREVIOUS PERMIT LIMITATIONS
FLOW	GPD	1	*		*	NO	SAME
TEMPERATURE	°C	1/8	*		*	NO	SAME
MONITORING FREQUENCY	Please see Minimum Sampling and Reporting Frequency Requirements in the Derivation and Discussion Section below.						

\* - MONITORING REQUIREMENT ONLY

\*\* - # of colonies/100mL; the Monthly Average for Fecal Coliform is a geometric mean.

\*\*\* - Parameter not previously established in previous state operating permit.

N/A – Not applicable

Basis for Limitations Codes:

1. State or Federal Regulation/Law
2. Water Quality Standard (includes RPA)
3. Water Quality Based Effluent Limits
4. Lagoon Policy
5. Ammonia Policy
- 6 .Dissolved Oxygen Policy
7. Antidegradation Policy
- 8 . Water Quality Model
9. Best Professional Judgment
10. TMDL or Permit in lieu of TMDL
11. WET Test Policy

**OUTFALL #003 – DERIVATION AND DISCUSSION OF LIMITS:**

Per [10 CSR 20-7.031(3)], General Criteria shall be applicable to all waters of the state at all times including mixing zones.

Additionally, [40 CFR 122.44(d)(1)] directs the department to establish in each NPDES permit conditions to achieve water quality established under Section 303 of the Clean Water Act, including State narrative criteria for water quality.

- **Flow.** In accordance with [40 CFR Part 122.44(i)(1)(ii)] the volume of effluent discharged from each outfall is needed to assure compliance with permitted effluent limitations. If the permittee is unable to obtain effluent flow, then it is the responsibility of the permittee to inform the department, which may require the submittal of an operating permit modification.
- **Temperature.** Monitoring only needed to ascertain that temperature is not affecting unclassified stream.
- **Minimum Sampling and Reporting Frequency Requirements** Sampling and reporting frequency requirements have been retained from previous state operating permit.

Outfall #004 - Power Plant - SIC #4911

Non-contact cooling water/intermittent flow.

Design flow is 0.125 MGD

Actual flow is 0.110 MGD

Legal Description:

SE ¼, SW ¼, Sec. 21, T33N, R2E, Reynolds County

Latitude/ Longitude: +3731138 / -09050054  
 Receiving Stream: East Fork of Black River (U)  
 First Classified Stream and ID: Lower Taum Sauk Lake (L3) (07325)  
 USGS Basin & Sub-watershed No.: (11010007-030002)

**EFFLUENT LIMITATIONS TABLE (OUTFALL #004):**

PARAMETER	UNIT	BASIS FOR LIMITS	DAILY MAXIMUM	WEEKLY AVERAGE	MONTHLY AVERAGE	MODIFIED	PREVIOUS PERMIT LIMITATIONS
FLOW	GPD	1	*		*	NO	SAME
TEMPERATURE	°C	1/8	*		*	NO	SAME
MONITORING FREQUENCY	Please see Minimum Sampling and Reporting Frequency Requirements in the Derivation and Discussion Section below.						

\* - MONITORING REQUIREMENT ONLY  
 \*\* - # of colonies/100mL; the Monthly Average for Fecal Coliform is a geometric mean.  
 \*\*\* - Parameter not previously established in previous state operating permit.  
 N/A – Not applicable

**Basis for Limitations Codes:**

1. State or Federal Regulation/Law
2. Water Quality Standard (includes RPA)
3. Water Quality Based Effluent Limits
4. Lagoon Policy
5. Ammonia Policy
6. Dissolved Oxygen Policy
7. Antidegradation Policy
8. Water Quality Model
9. Best Professional Judgment
10. TMDL or Permit in lieu of TMDL
11. WET Test Policy

**OUTFALL #004 – DERIVATION AND DISCUSSION OF LIMITS:**

Per [10 CSR 20-7.031(3)], General Criteria shall be applicable to all waters of the state at all times including mixing zones. Additionally, [40 CFR 122.44(d)(1)] directs the department to establish in each NPDES permit conditions to achieve water quality established under Section 303 of the Clean Water Act, including State narrative criteria for water quality.

- **Flow.** In accordance with [40 CFR Part 122.44(i)(1)(ii)] the volume of effluent discharged from each outfall is needed to assure compliance with permitted effluent limitations. If the permittee is unable to obtain effluent flow, then it is the responsibility of the permittee to inform the department, which may require the submittal of an operating permit modification.
- **Temperature.** Monitoring only needed to ascertain that temperature is not affecting unclassified stream.
- **Minimum Sampling and Reporting Frequency Requirements** Sampling and reporting frequency requirements have been retained from previous state operating permit.

Outfall #005 - Power Plant - SIC #4911

Storm water runoff.  
 Design flow is 0.015 MGD  
 Actual flow is 0.0039 MGD (10 yr 24 hr event)  
 Legal Description: SE ¼, SW ¼, Sec. 21, T33N, R2E, Reynolds County  
 Latitude/ Longitude: +3731138 / -09050054  
 Receiving Stream: East Fork of Black River (U)  
 First Classified Stream and ID: Lower Taum Sauk Lake (L3) (07325)  
 USGS Basin & Sub-watershed No.: (11010007-030002)

**STORM WATER OUTFALL REQUIRES NO MONITORING AS LONG AS BMP'S ARE MAINTAINED**

Outfall #006 – Power Plant – SIC #4911

Seep Water from the upper reservoir. No-Discharge pump back facilities.  
 Design flow is 3.1 MGD (includes 25 year – 24 hour storm event)  
 Actual flow is 1.9 MGD (maximum seep water flows only)

Legal Description: NW ¼, Sec. 22, T33N, R2E, Reynolds County  
UTM Coordinates: X=692354 Y=4156116  
Receiving Stream: Unnamed Tributary to Taum Sauk Creek (U)  
First Classified Stream and ID: Taum Sauk Creek (C) (2738)  
USGS Basin & Sub-watershed No.: (11010007-030002)

- **Flow.** In accordance with [40 CFR Part 122.44(i)(1)(ii)] the volume of effluent discharged from each outfall is needed to assure compliance with permitted effluent limitations. If the permittee is unable to obtain effluent flow, then it is the responsibility of the permittee to inform the department, which may require the submittal of an operating permit modification.
- **Settleable Solids (SS).** No-Discharge Facility. Overflows shall be in accordance with 10 CSR 20-6.015. Please see the **APPLICABLE DESIGNATION OF WATERS OF THE STATE** sub-section of the **Receiving Stream Information.**
- **pH.** No-Discharge Facility. Overflows shall be in accordance with 10 CSR 20-6.015. Please see the **APPLICABLE DESIGNATION OF WATERS OF THE STATE** sub-section of the **Receiving Stream Information.**
- **Aluminum, Total Recoverable.** No-Discharge Facility. Overflows shall be in accordance with 10 CSR 20-6.015. Please see the **APPLICABLE DESIGNATION OF WATERS OF THE STATE** sub-section of the **Receiving Stream Information.**
- **Selenium, Total Recoverable.** No-Discharge Facility. Overflows shall be in accordance with 10 CSR 20-6.015. Please see the **APPLICABLE DESIGNATION OF WATERS OF THE STATE** sub-section of the **Receiving Stream Information.**
- **Arsenic, Total Recoverable.** No-Discharge Facility. Overflows shall be in accordance with 10 CSR 20-6.015. Please see the **APPLICABLE DESIGNATION OF WATERS OF THE STATE** sub-section of the **Receiving Stream Information.**
- **Iron, Total Recoverable.** No-Discharge Facility. Overflows shall be in accordance with 10 CSR 20-6.015. Please see the **APPLICABLE DESIGNATION OF WATERS OF THE STATE** sub-section of the **Receiving Stream Information.**
- **Hardness, Total Recoverable.** No-Discharge Facility. Overflows shall be in accordance with 10 CSR 20-6.015. Please see the **APPLICABLE DESIGNATION OF WATERS OF THE STATE** sub-section of the **Receiving Stream Information.**
- **Copper, Total Recoverable.** No-Discharge Facility. Overflows shall be in accordance with 10 CSR 20-6.015. Please see the **APPLICABLE DESIGNATION OF WATERS OF THE STATE** sub-section of the **Receiving Stream Information.**
- **Rainfall and Freeboard. No-Discharge Facility.** Necessary parameters to determine compliance with No-Discharge Requirements in 10 CSR 20-6.015.
- **Minimum Sampling and Reporting Frequency Requirements** Monitoring frequencies have been established in accordance with best professional judgement and knowledge of understanding operation of a no-discharge system. Daily flow and rainfall frequency have been established to determine compliance with meeting the definition of no discharge. No discharge facilities are designed, constructed, and operated to hold or irrigate, or otherwise dispose without discharge to surface or subsurface waters of the state, all process water and associated storm water flows except for discharges that are caused by catastrophic and chronic storm events. These storm events are the 1-in-10 year storm event and the 25 year 24 hour storm event. No discharge facilities are allowed to discharge excess water caused by these storm events in accordance with the emergency discharge limits when these storm events are exceeded. Reports are summarized and submitted annually for review. The monitoring frequencies established are similar to other no-discharge permits issued by the Department.

## **Part VI – Administrative Requirements**

On the basis of preliminary staff review and the application of applicable standards and regulations, the Department, as administrative agent for the Missouri Clean Water Commission, proposes to issue a permit(s) subject to certain effluent limitations, schedules, and special conditions contained herein and within the operating permit. The proposed determinations are tentative pending public comment.

### **PUBLIC NOTICE:**

The Department shall give public notice that a draft permit has been prepared and its issuance is pending. Additionally, public notice will be issued if a public hearing is to be held because of a significant degree of interest in and water quality concerns related to a draft permit. No public notice is required when a request for a permit modification or termination is denied; however, the requester and permittee must be notified of the denial in writing.

The Department must issue public notice of a pending operating permit or of a new or reissued statewide general permit. The public

comment period is the length of time not less than 30 days following the date of the public notice which interested persons may submit written comments about the proposed permit.

For persons wanting to submit comments regarding this proposed operating permit, then please refer to the Public Notice page located at the front of this draft operating permit. The Public Notice page gives direction on how and where to submit appropriate comments.

**DATE OF FACT SHEET:** MAY 31, 2011

**COMPLETED BY:**

Michael Hefner, EE-II  
Southeast Regional Office  
(573) 840-9750