

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, 92nd Congress) as amended,

Permit No. MO-0098744

Owner: U.S. Army Corps of Engineers (USCOE)
Address: 601 E. 12th Street, 700 Federal Building, Kansas City, MO 64106

Continuing Authority: Same as above
Address: Same as above

Facility Name: USCOE Truman Visitor Center
Facility Address: 15968 Truman Road, Warsaw, MO 65355

Legal Description: NW ¼, NW ¼, SE ¼, Sec. 6, T40N, R22W, Benton County
UTM Coordinates: X = 465081.235, Y = 4236478.407

Receiving Stream: H S Truman Lake (L2)
First Classified Stream and ID: H S Truman Lake (L2) (07207)
USGS Basin & Sub-watershed No.: (10290105-0506)

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

FACILITY DESCRIPTION

Outfall #001 – Visitor Center – SIC #7999/#4952

No Certified Operator Required

Flow equalization basin/extended aeration/clarifier/season disinfection: chlorination/dechlorination/sludge disposal by contract hauler
Design population equivalent is 94.
Design flow is 10,000 gallons per day.
Actual flow is 2,700 gallons per day.
Design sludge production is 2 dry tons/year.

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.

March 1, 2012
Effective Date

June 7, 2013
Modification Date

Sara Parker Pauley
Sara Parker Pauley, Director, Department of Natural Resources

February 28, 2017
Expiration Date

John Madros
John Madros, Director, Water Protection Program

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS					PAGE NUMBER 2 of 5	
					PERMIT NUMBER MO-0098744	
The permittee is authorized to discharge from outfall(s) with serial number(s) as specified in the application for this permit. The interim effluent limitations shall become effective upon issuance and remain in effect through <u>February 28, 2015</u> . Such discharges shall be controlled, limited and monitored by the permittee as specified below:						
OUTFALL NUMBER AND EFFLUENT PARAMETER(S)	UNITS	INTERIM 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
Biochemical Oxygen Demand ₅	mg/L		30	20	once/quarter**	grab
Total Suspended Solids	mg/L		30	20	once/quarter**	grab
pH – Units	SU	****		****	once/quarter**	grab
Ammonia as N	mg/L	*		*	once/quarter**	grab
Temperature (effluent)	°C	*		*	once/quarter**	grab
Escherichia coli (<i>E. coli</i>) (Note 1)	#/100 ml	630		126	once/month	grab
Total Residual Chlorine (Note 2 & 3)	mg/L	0.019 (0.13ML)		0.010 (0.13ML)	once/month	grab
MONITORING REPORTS SHALL BE SUBMITTED <u>QUARTERLY</u> ; THE NEXT REPORT IS DUE <u>JULY 28, 2013</u> . THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.						
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 <u>March 1, 2015</u> 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
Biochemical Oxygen Demand ₅	mg/L		30	20	once/quarter**	grab
Total Suspended Solids	mg/L		30	20	once/quarter**	grab
pH – Units	SU	****		****	once/quarter**	grab
Ammonia as N	mg/L	12.1		2.4	once/quarter**	grab
Temperature (effluent)	°C	*		*	once/quarter**	grab
Escherichia coli (<i>E. coli</i>) (Note 1)	#/100 ml	630		126	once/month	grab
Total Residual Chlorine (Notes 2 & 3)	mg/L	0.019 (0.13ML)		0.010 (0.13ML)	once/month	grab
MONITORING REPORTS SHALL BE SUBMITTED <u>QUARTERLY</u> ; THE FIRST REPORT IS DUE <u>July 28, 2015</u> . 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 <u>Parts I & III</u> STANDARD CONDITIONS DATED <u>October 1, 1980 and August 15, 1994</u> , AND HEREBY INCORPORATED AS THOUGH FULLY SET FORTH HEREIN.						

* Monitoring requirement only.

** See table at the top of page three (3) for quarterly sampling.

*** A modified composite sample shall be made up from a minimum of six grab samples collected within a 24 hour period with a minimum of two hours between each grab sample.

**** pH is measured in pH units and is not to be averaged. The pH is limited to the range of 6.5 - 9.0 pH units.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

Sample discharge at least once for the months of:	Report is due:
January, February, or March (1st Quarter)	April 28
April, May, or June (2nd Quarter)	July 28
July, August, or September (3rd Quarter)	October 28
October, November, or December (4th Quarter)	January 28

Note 1 - Limitations and monitoring requirements for *E. coli* are applicable only during the recreational season from April 1 through October 31. The Monthly Average Limit for *E. coli* is expressed as a geometric mean. The Weekly Average for *E. coli* will be expressed as a geometric mean if more than one (1) sample is collected during a calendar week (Sunday through Saturday).

Note 2 - This permit contains a Total Residual Chlorine (TRC) limit.

- a. Disinfection is required year-round unless the permit specifically states that “Limitations and monitoring requirements for *E. Coli* are applicable only during the recreational season from April 1 through October 31.” If your permit does not require disinfection during the non-recreational months, do not chlorinate in those months.
- b. Do not chemically dechlorinate **if it is not needed to meet the limits in your permit**.
- c. If no chlorine was used in a given sampling period, an actual analysis is not necessary. Simply report as “0 mg/L” TRC.

Note 3 - This effluent limit is below the minimum quantification level (ML) of the most common and practical EPA approved methods. The department has determined the current acceptable ML for total residual chlorine to be 0.13 mg/L when using the DPD Colorimetric Method #4500-CL G. from Standard Methods for the Examination of Waters and Wastewater. The permittee will conduct analyses in accordance with this method, or equivalent, and report actual analytical values. Measured values greater than or equal to the minimum quantification level of 0.13 mg/L will be considered violations of the permit limitation and values less than the minimum quantification level of 0.13 mg/L will be considered to be in compliance with the permit limitation. The minimum quantification level does not authorize the discharge of chlorine in excess of the effluent limits stated in the permit.

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.
 - (c) 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. Permittee will cease discharge by connection to a facility with an area-wide management plan per 10 CSR 20-6.010(3)(B) within 90 days of notice of its availability.
4. Water Quality Standards
 - (a) Discharges to waters of the state shall not cause a violation of water quality standards rule under 10 CSR 20-7.031, including both specific and general criteria.

C. SPECIAL CONDITIONS (continued)

- (b) General Criteria. The following general 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:
- (1) 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;
 - (2) Waters shall be free from oil, scum and floating debris in sufficient amounts to be unsightly or prevent full maintenance of beneficial uses;
 - (3) Waters shall be free from substances in sufficient amounts to cause unsightly color or turbidity, offensive odor or prevent full maintenance of beneficial uses;
 - (4) Waters shall be free from substances or conditions in sufficient amounts to result in toxicity to human, animal or aquatic life;
 - (5) There shall be no significant human health hazard from incidental contact with the water;
 - (6) There shall be no acute toxicity to livestock or wildlife watering;
 - (7) Waters shall be free from physical, chemical or hydrologic changes that would impair the natural biological community;
 - (8) 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.

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. Report as no-discharge when a discharge does not occur during the monitoring period.

7. It is a violation of the Missouri Clean Water Law to fail to pay fees associated with this permit (644.055 RSMo).

8. Bypasses are not authorized at this facility and are subject to 40 CFR 122.41(m). If a bypass occurs, the permittee shall report in accordance to 40 CFR 122.41(m)(3)(i), and with Standard Condition Part I, Section B, subsection 2.b. Bypasses are to be reported to the Kansas City Regional Office

9. At least one sign shall appear on the fence on each side of each facility. Minimum wording shall be "SEWAGE TREATMENT FACILITY – KEEP OUT", in letters at least 2 inches high.

10. An Operation and Maintenance (O & M) manual shall be maintained by the permittee and made available to the operator. The O & M manual shall include key operating procedures and a brief summary of the operation of the facility.

11. An all-weather access road shall be provided from a public right-of-way to the treatment facility.

D. SCHEDULE OF COMPLIANCE

1. The final daily maximum and monthly average Ammonia as N and Total Residual Chlorine limitations shall become effective three (3) years after the issue date of the permit. The Effluent Regulation, 10 CSR 20-7.031(10) allows the permittee up to three (3) years from the issuance date of this permit to comply with new or revised National Pollutant Discharge Elimination System (NPDES) or Missouri operating permit limitations based on criteria in the Clean Water Commission Regulations. It states that such compliance "shall be achieved with all deliberate speed and no later than three (3) years from the date of issuance of the permit." Therefore modification to the facilities must be made if required to meet the final effluent limits of this permit.

D. SCHEDULE OF COMPLIANCE (continued)

2. If modifications to the facility are required to meet the final effluent limits of this permit, the U.S. Army Corps of Engineers (USCOE) shall submit to the department a facility plan (or engineering report) by **December 1, 2012**, for changes to the USCOE Truman Visitor Center Wastewater Treatment Facility (WWTF) so the discharge from the facility will meet the final effluent limits for Ammonia as Nitrogen.
3. Within **six months** of department approval of the facility plan, the USCOE will then submit to the department engineering plans, technical specifications, and a construction permit application, for changes to the USCOE Truman Visitor Center WWTF so the discharge from the facility will meet the final effluent limits for Ammonia as N.
4. If completion of construction will be more than 1 year, the USCOE shall submit interim progress reports every 12 months from **March 1, 2012**.
5. If the USCOE determines that modifications to the facility are not needed to meet the final effluent limits of this permit, the USCOE shall submit a letter to the department by issue **December 1, 2012**, stating that modifications are not needed for USCOE Truman Visitor Center WWTF to meet the final effluent limitations of this permit.
6. The USCOE Truman Visitor Center WWTF will meet final effluent limits by **March 1, 2015**.

PERMIT TRANSFER

This permit may be transferred to a new owner by submitting an "Application for Transfer of Operating Permit" signed by the seller and buyer of the facility, along with the appropriate modification fee.

PERMIT RENEWAL REQUIREMENTS

Unless this permit is terminated, the permittee shall submit an application for the renewal of this permit no later than six (6) months prior to the permit's expiration date. Failure to apply for renewal may result in termination of this permit and enforcement action to compel compliance with this condition and the Missouri Clean Water Law.

TERMINATION

In order to terminate this permit, the permittee shall notify the department by submitting Form J, included with the State Operating Permit. The permittee shall complete Form J and mail it to the department at the address noted in the cover letter of this permit. Proper closure of any storage structure is required prior to permit termination. A closure plan shall be submitted to the department and approved prior to initiating closure activities.

DUTY OF COMPLIANCE

The permittee shall comply with all conditions of this permit. Any noncompliance with this permit constitutes a violation of Chapter 644, Missouri Clean Water Law, and 10 CSR 20-6. Noncompliance may result in enforcement action, termination of this authorization, or denial of the permittee's request for renewal. This permit authorizes only the activities described in this permit.

**MISSOURI DEPARTMENT OF NATURAL RESOURCES
 FACT SHEET
 FOR THE PURPOSE OF RENEWAL OF
 MO-0098744
 USCOE TRUMAN VISITOR CENTER**

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 listed below.

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

This Factsheet is for a Major Minor Industrial Facility Variance
 Master General Permit General Permit Covered Facility Permit with widespread public interest .

Part I – Facility Information

Facility Type: Visitor Center Facility SIC Code(s): #7999/#4952

Facility Description: The facility is housed in a building and consists of a flow equalization basin with an extended aeration plant and clarifier followed by seasonal disinfection using chlorination. The sludge is disposed by contract hauler. The design population equivalent is 94. The design flow is 10,000 gallons per day with an actual flow of 2,700 gallons per day based on submitted monitoring reports. The design sludge production is 2 dry tons per year.

Have any changes occurred at this facility or in the receiving water body that effects effluent limit derivation? Yes ; No

Application Date: 05/31/2011
 Expiration Date: 09/21/2011
 Last Inspection: 06/16/2011 In Compliance Not in Compliance

OUTFALL(S) TABLE:

OUTFALL	DESIGN FLOW (CFS)	TREATMENT LEVEL	EFFLUENT TYPE	DISTANCE TO CLASSIFIED SEGMENT (MI)
#001	0.0155	secondary	domestic wastewater	0

Outfall #001: Legal Description: NW ¼, NW ¼, SE ¼, Sec. 6, T40N, R22W, Benton County
 UTM Coordinates: X = 465081.235, Y = 4236478.407
 Receiving Stream: H S Truman Lake (L2)
 First Classified Stream and ID: H S Truman Lake (L2) (07207)
 USGS Basin & Sub-watershed No.: (10290105-0506)

Receiving Water Body's Water Quality & Facility Performance History: The facility has not violated permitted effluent limitations according to submitted Discharge Monitoring Reports. Compliance issues observed during the last inspection included a power failure at the facility at the time of inspection, an improper chlorination unit was observed, and it was noted that the facility needs to be routinely examined to ensure proper operation. The facility has addressed these issues and was sent a returned to compliance letter on September 8, 2011. A construction permit application was received at the Kansas City Regional Office for the proper disinfection of the effluent. The engineering unit is reviewing the application at this time and the final effluent limits for total residual chlorine may differ from the final limitations in this permit and may become effective prior to the date in the final limitations table in this permit. The facility will still have a full three years to upgrade and comply with the final effluent limitations for ammonia as N.

Comments: The visitor center served by this facility is open from March 1 through October 31 of each year. The outfall location was updated from the map submitted with the application. According to the inspection report, samples are taken after final treatment but just prior to the effluent leaving the facility when the actual outfall is underwater.

Part II – Operator Certification Requirements

- 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 listed seven (7) categories. Each category lists effluent limitations for specific parameters, which are presented and discussed in each outfall’s Effluent Limitation 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 1st 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**
H S Truman Lake	L 2	07207	LWW, AQL, DWS, SCR, WBC-A***	10290105	Ozark/Osage

- * - 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), Drinking Water Supply (DWS), Secondary Contact Recreation (SCR), Whole Body Contact Recreation (WBC), Industrial (IND), Groundwater (GRW).
- ** - Ecological Drainage Unit
- *** - UAA has not been conducted.

MIXING CONSIDERATIONS:

Mixing Zone: Not to exceed ¼ of the width of the lake at the discharge point or 100 feet from the discharge point, whichever is less [10 CSR 20-7.031(4)(A)4.B.(IV)(a)]. For this facility, the mixing zone shall not exceed 100 feet.
 Zone of Initial Dilution: Not Allowed [10 CSR 20-7.031(4)(A)4.B.(IV)(b)].

RECEIVING STREAM MONITORING REQUIREMENTS:

No receiving water monitoring requirements recommended at this time.

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

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 an 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.

- Renewal 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 §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 & SEWAGE SLUDGE:

Biosolids are solid materials resulting from domestic wastewater treatment that meet federal and state criteria for beneficial uses (e.g. fertilizer). 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.

- Sludge/biosolids are removed by contract hauler or are stored in the lagoon.

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.

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.

In accordance with [40 CFR Part 122.44(d)(iii)] if the permit writer determines that any give pollutant has the reasonable potential to cause, or contribute to an in-stream excursion above the WQS, the permit must contain effluent limits for that pollutant.

- Applicable - A RPA was conducted for Ammonia as N. The facility has a mixing zone of 100 feet. Chronic criteria may be exceeded in the mixing zone but acute criteria cannot be exceeded; therefore the RPA was conducted for the acute criteria only and was not calculated seasonally because the acute criteria does not vary seasonally and also the facility is only in operation for two of the six months of the winter season. Please see **Appendix A – RPA Results**.

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 (BOD₅) and Total Suspended Solids (TSS) for Publicly Owned Treatment Works (POTWs)/municipals.

- Applicable - Secondary Treatment is 85% removal [40 CFR Part 133.102(a)(3) & (b)(3)].

SANITARY SEWER OVERFLOWS (SSO) AND INFLOW AND INFILTRATION (I&I):

Sanitary Sewer Overflows (SSOs) are defined as an untreated or partially treated sewage release, they are considered bypassing under state regulation [10 CSR 20-2.010(11)] and should not be confused with the federal definition of bypass. SSOs have a variety of causes including blockages, line breaks, and sewer defects that allow excess storm water and ground water to (1) enter and overload the collection system, and (2) overload the treatment facility. Additionally, SSOs can be also be caused by lapses in sewer system operation and maintenance, inadequate sewer design and construction, power failures, and vandalism. SSOs also include overflows out of manholes and onto city streets, sidewalks, and other terrestrial locations.

Additionally, Missouri RSMo §644.026.1 mandates that the Department require proper maintenance and operation of treatment facilities and sewer systems and proper disposal of residual waste from all such facilities.

- 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.

- Applicable - The time given to achieve final effluent limitations in this permit as listed under Interim Effluent Limitation and Final Effluent Limitations were established in accordance with [10 CSR 20-7.031(10)].

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 the total amount of pollutant that may be discharged into that stream without endangering its water quality.

- Applicable - Wasteload allocations were calculated where applicable using water quality criteria or water quality model results and the dilution equation:

$$C = \frac{(Cs \times Qs) + (Ce \times Qe)}{(Qe + Qs)} \quad (\text{EPA/505/2-90-001, Section 4.5.5})$$

Where C = downstream concentration
Cs = upstream concentration
Qs = upstream flow
Ce = effluent concentration
Qe = effluent flow

Chronic wasteload allocations were determined using applicable chronic water quality criteria (CCC: criteria continuous concentration) and stream volume of flow at the edge of the mixing zone (MZ). Acute wasteload allocations were determined using applicable water quality criteria (CMC: criteria maximum concentration) and stream volume of flow at the edge of the zone of initial dilution (ZID).

Water quality based maximum daily and average monthly effluent limitations were calculated using methods and procedures outlined in USEPA's *Technical Support Document for Water Quality-based Toxics Control* (TSD) (EPA/505/2-90-001).

Number of Samples "n": Additionally, in accordance with the TSD for water quality-based permitting, effluent quality is determined by the underlying distribution of daily values, which is determined by the Long Term Average (LTA) associated with a particular Wasteload Allocation (WLA) and by the Coefficient of Variation (CV) of the effluent concentrations. Increasing or decreasing the monitoring frequency does not affect this underlying distribution or treatment performance, which should, at a minimum, be targeted to comply with the values dictated by the WLA. Therefore, it is recommended that the actual planned frequency of monitoring normally be used to determine the value of "n" for calculating the AML. However, in situations where monitoring frequency is once per month or less, a higher value for "n" must be assumed for AML derivation purposes. Thus, the statistical procedure being employed using an assumed number of samples is "n = 4" at a minimum. For Total Ammonia as Nitrogen, "n = 30" is used.

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 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), §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 devices designed for peak wet weather flows.

- Not Applicable - This facility does not bypass.

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

§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 assimilate 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 a TMDL calculation.

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

Part V – Effluent Limits Determination

Outfall #001 – Main Facility Outfall

Effluent limitations derived and established in the below Effluent Limitations Table are based on current operations of the facility. Future permit action due to facility modification may contain new operating permit terms and conditions that supersede the terms and conditions, including effluent limitations, of this operating permit.

EFFLUENT LIMITATIONS TABLE:

PARAMETER	UNIT	BASIS FOR LIMITS	DAILY MAXIMUM	WEEKLY AVERAGE	MONTHLY AVERAGE	MODIFIED	PREVIOUS PERMIT LIMITATIONS
Flow	MGD	1	*		*	No	S
BOD ₅	mg/L	1		30	20	No	S
TSS	mg/L	1		30	20	No	S
pH	SU	1	6.5 – 9.0		6.5 – 9.0	Yes	6.0 - 9.0
Ammonia as N (Interim)	mg/L	2/5/9	*		*	No	S
Ammonia as N (Final)	mg/L	2/5/9	12.1		2.4	Yes	*
Escherichia coli (<i>E. coli</i>)	***	1	630		126	Yes	Fecal Coliform 1,000/400
Chlorine, Total Residual (Interim)	mg/L	1/2	1.0		1.0	No	S
Chlorine, Total Residual (Final)	mg/L	1/2	0.019		0.009	Yes	1.0/1.0

* - Monitoring requirement only.

** - Parameter was not established in previous state operating permit.

*** - # of colonies/100mL; the Monthly Average for *E. coli* is a geometric mean.

S – Same as previous operating permit.

Basis for Limitations Codes:

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

OUTFALL #001 – DERIVATION AND DISCUSSION OF LIMITS:

- **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 (BOD₅).** Effluent limitations from the previous state operating permit have been reassessed and verified that they are still protective of the receiving stream’s Water Quality. Therefore, effluent limitations have been retained from previous state operating permit. [10 CSR 20-7.015(3)(A)1].
- **Total Suspended Solids (TSS).** Effluent limitations from the previous state operating permit have been reassessed and verified that they are still protective of the receiving stream’s Water Quality. Therefore, effluent limitations have been retained from previous state operating permit. [10 CSR 20-7.015(3)(A)1].
- **pH.** Effluent limitations have been modified to reflect the change in the Code of State Regulations. pH is measured in standard pH units and is not to be averaged. The pH is limited to the range of 6.5-9.0 pH units. [10 CSR 20-7.015(3)(A)2].
- **Total Ammonia Nitrogen.** Early Life Stages Present Total Ammonia Nitrogen criteria apply [10 CSR 20-7.031(4)(B)7.C. & Table B3] default pH 7.8 SU Background total ammonia nitrogen = 0.01 mg/L. Mixing zone not to exceed 100 feet from the discharge point. With the mixing zone, the acute ammonia criteria cannot be exceeded and the chronic ammonia criteria can be exceeded up to one hundred feet from the discharge point. Since acute criteria cannot be exceeded, the WLA is set to the CMC from the table above. With no mixing for acute, the acute WLA equals 12.1mg/L and summer and winter will have the same limitations.

Season	Temp (°C)	pH (SU)	Total Ammonia Nitrogen CCC (mg/L)	Total Ammonia Nitrogen CMC (mg/L)
Summer	26	7.8	1.5	12.1
Winter	6	7.8	3.1	12.1

Acute WLA: $C_e = 12.1 \text{ mg/L}$

$LTA_a = 12.1 \text{ mg/L} (0.120) = 1.45 \text{ mg/L}$

[CV = 1.9, 99th Percentile]

MDL = 1.45 mg/L (8.32) = 12.064 mg/L = 12.1

[CV = 1.9, 99th Percentile]

AML = 1.45 mg/L (1.65) = 2.392 mg/L = 2.4

[CV = 1.9, 95th Percentile, n =30]

- **Temperature.** Monitoring requirement due to the toxicity of Ammonia varies by temperature. [10 CSR 20-7.031(4)(B)7]
- **Escherichia coli (E. coli).** Monthly average of 126 colonies per 100 ml as a geometric mean and a weekly average of 630 colonies per 100 mL, during the recreational season (April 1 – October 31), to protect Whole Body Contact Recreation (A) designated use of the receiving stream, as per 10 CSR 20-7.031(4)(C).
- **Total Residual Chlorine (TRC).** Warm-water Protection of Aquatic Life CCC = 0.010 mg/L, CMC = 0.019 mg/L [10 CSR 20-7.031, Table A]. Background TRC = 0.0 mg/L. With the mixing zone, the acute TRC criteria cannot be exceeded and the chronic TRC criteria can be exceeded up to one hundred feet from the discharge point. Since acute criteria cannot be exceeded, the WLA is set to the CMC.

Acute WLA: $C_e = 0.019 \text{ mg/L}$

$LTA_a = 0.019 (0.321) = 0.0061 \text{ mg/L}$

[CV = 0.6, 99th Percentile]

MDL = 0.0061 (3.11) = 0.019 mg/L

[CV = 0.6, 99th Percentile]

AML = 0.0061 (1.55) = 0.009 mg/L

[CV = 0.6, 95th Percentile, n = 4]

- **Minimum Sampling and Reporting Frequency Requirements.** Sampling and reporting frequency requirements have been retained from the previous permit except for E. coli and TRC which has been set at monthly during the recreational season because the facility discharges directly to a recreational use lake.

Part VI - Finding of Affordability

Pursuant to Section 644.145, RSMo., the Department is required to determine whether a permit or decision is affordable and makes a finding of affordability for certain permitting and enforcement decisions. This requirement applies to discharges from combined or separate sanitary sewer systems or publically-owned treatment works.

- Not Applicable - The Department is not required to determine findings of affordability because the facility is not a **combined or separate sanitary sewer system for a publically-owned treatment works.**

Part VII – 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.

- The Public Notice period for this operating permit is tentatively scheduled to begin on January 13, 2012, or is in process.
- The Public Notice period for this operating permit was from January 20, 2012, to February 21, 2012. No responses received or responses to the Public Notice of this operating permit do not warrant the modification of effluent limits and/or the terms and conditions of this permit.

DATE OF FACT SHEET: NOVEMBER 8, 2011

COMPLETED BY:

Terrie Burch, Environmental Specialist
Kansas City Regional Office
NPDES Permit Unit
816-622-7047
terrie.burch@dnr.mo.gov

Part VIII – Appendices

APPENDIX A – RPA RESULTS:

Parameter	CMC*	RWC*	n**	Range min - max	CV***	MF	RP Yes/No
Ammonia as N	12.1	56.25	17	ND - 7.6	1.9	7.4	Yes

ND – Non-detect

* - Units are mg/L.

** - n is the number of samples. If the number of samples is greater than 10, then the CV value must be used in the WQBEL.

*** - Coefficient of Variation (CV) is calculated by dividing the Standard Deviation (σ) of the sample set by the Mean (μ) of the same sample set.

CMC - Criteria Maximum Concentration. It is the maximum acute concentration of the constituent allowed in the receiving water as specified by 10 CSR 20-7.031.

CCC - Criteria Continuous Concentration. It is the maximum chronic concentration of the constituent allowed in the receiving stream as specified by 10 CSR 20-7.031.

RWC - Receiving Water Concentration. It is the projected maximum concentration of the constituent discharged from the facility calculated from available data.

MF - Multiplying Factor. 99% Confidence Level and 99% Probability Basis.

RP - Reasonable Potential. It is where an effluent is projected or calculated to cause an excursion above a water quality standard based on a number of factors including, as a minimum, the four factors listed in 40 CFR 122.44(d)(1)(ii).

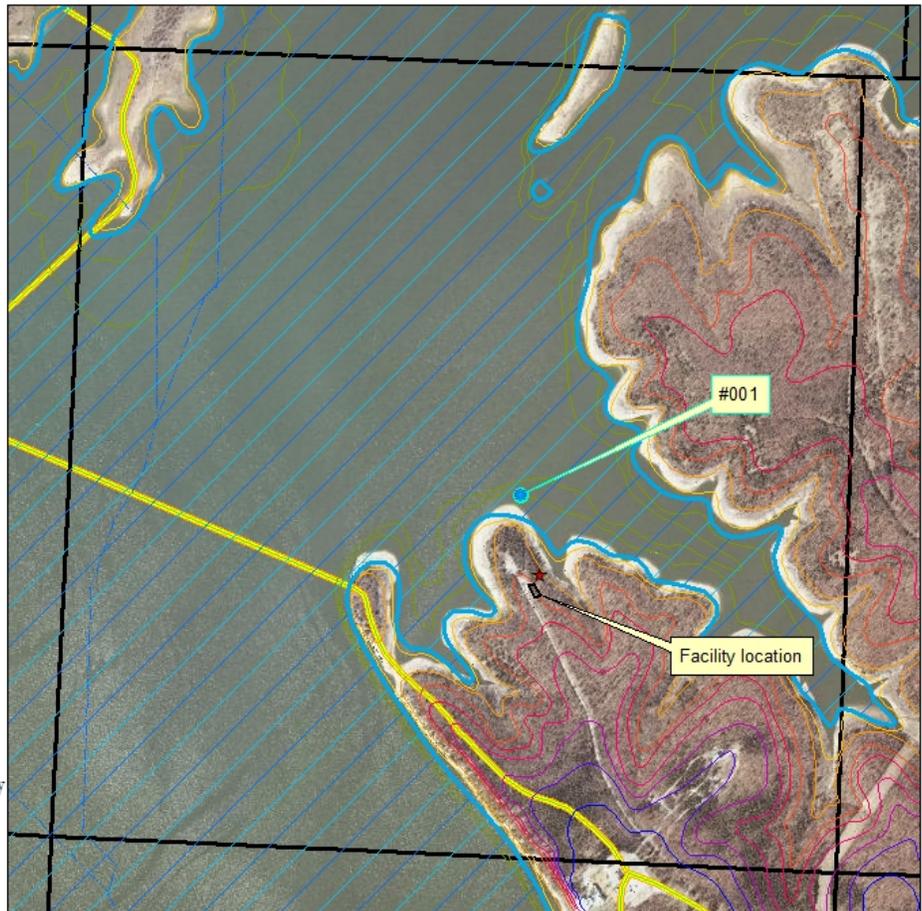
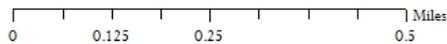
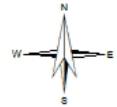
Reasonable Potential Analysis was conducted as per (TSD, EPA/505/2-90-001, Section 3.3.2). A more detailed version, including calculations, is available upon request.

The facility has a mixing zone of 100 feet. Chronic criteria may be exceeded in the mixing zone but acute criteria cannot be exceeded. The RPA was conducted for the acute criteria only and was not calculated seasonally because the acute criteria does not vary seasonally and also the facility is only open two of the six months of the winter season.

APPENDIX B – FACILITY LOCATION MAP:

MO-0098744

USCOE Truman Visitor Center



MO-0098744
 USCOE Truman Visitor Center
 NW ¼, NW ¼, SE ¼, Sec. 6, T40N, R22W, Benton County
 UTM: X = 465081.235, Y = 4236478.407
 H S Truman Lake (L2)
 1st Class: H S Truman Lake (L2) (07207)
 Huc12: (10290105-0506)
 EDU: Ozark/Osage



MISSOURI DEPARTMENT OF NATURAL RESOURCES
 WATER PROTECTION PROGRAM, WATER POLLUTION BRANCH
FORM B – APPLICATION FOR CONSTRUCTION OR OPERATING PERMIT FOR FACILITIES WHICH RECEIVE PRIMARILY DOMESTIC WASTE (≤100,000 gallons per day) UNDER MISSOURI CLEAN WATER LAW

AP15371 C11417

FOR AGENCY USE ONLY	
CHECK NUMBER	1488
DATE RECEIVED	5-6-13
FEE SUBMITTED	\$93.75

JS

NOTE ▶ PLEASE READ THE ACCOMPANYING INSTRUCTIONS BEFORE COMPLETING THIS FORM

1. This application is for:

- An operating permit and antidegradation review public notice.
- A construction permit following an appropriate operating permit and antidegradation review public notice.
- A construction permit and a concurrent operating permit and antidegradation review public notice.
- A construction permit (submitted before Aug. 30, 2008 or antidegradation review is not required).
- An operating permit for a new or unpermitted facility. Construction Permit # _____
- An operating permit renewal: Permit #MO-_____. Expiration Date _____
- An operating permit modification: Permit #MO- 0098744 Reason: CP0001160

1.1 Is this a Federal/State Funded Project? YES NO Funding Agency/Project #: USCOE
 1.2 Is the appropriate fee included with the application (See instructions for appropriate fee)? YES NO

2. FACILITY (Outfall 1 of 1)

NAME USCOE, TRUMAN VISITOR CENTER		TELEPHONE WITH AREA CODE 660-438-7317 EX 3280	
ADDRESS (PHYSICAL) 29027 VISITOR CENTER ROAD	CITY WARSAW	STATE MO	ZIP CODE 65355

2.1 LEGAL DESCRIPTION: ¼, NW ¼, SE ¼, Sec. 6, T 40N, R 22W BENTON County

2.2 UTM Coordinates Easting (X): _____ Northing (Y): _____
 For Universal Transverse Mercator (UTM), Zone 15 North referenced to North American Datum 1983 (NAD83)

2.3 Name of receiving stream: TRUMAN RESERVOIR

3. OWNER

NAME U.S. ARMY CORPS OF ENGINEERS		E-MAIL ADDRESS	TELEPHONE WITH AREA CODE 660-438-7317 EX 3280
ADDRESS 601 EAST 12 TH STREET, 700 FEDERAL BUILDING	CITY KANSAS CITY	STATE MO	ZIP CODE 64106

3.1 Request review of draft permit prior to Public Notice? YES NO

4. CONTINUING AUTHORITY: Permanent organization which will serve as the continuing authority for the operation, maintenance and modernization of the facility.

NAME U.S. ARMY CORPS OF ENGINEERS		TELEPHONE WITH AREA CODE 660-438-7317 EX 3280
ADDRESS 601 EAST 12 TH STREET, 700 FEDERAL BUILDING	CITY KANSAS CITY	STATE MO ZIP CODE 64106

5. OPERATOR

NAME BRENT PEARSON	CERTIFICATE NUMBER 9335	TELEPHONE WITH AREA CODE 660-438-7317 EX 3280
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6. FACILITY CONTACT

NAME RODGER WETER	TITLE MAINT. MANAGER	TELEPHONE WITH AREA CODE 660-438-7317 ex 3280
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7.0 ADDITIONAL FACILITY INFORMATION

7.1 Description of facilities (Attach additional sheet if required). Attach a 1" = 2,000' scale U.S. Geological Survey topographic map showing location of all outfalls and downstream landowners. (See Item 9.)

7.2 Facility SIC code: 4952; Discharge SIC code: 4952; Facility NAICS code: _____; Discharge NAICS code: _____.

7.3 Number of people presently connected or population equivalent (P.E.) 94 Design P.E. 94
 Number of units presently connected: Homes _____ Trailers _____ Apartments _____ Other _____
 Design flow for this outfall: 10,000 GPD Total design flow for the facility: 10,000 GPD Actual flow for this outfall: 2000 GPD
 Commercial Establishment: Daily number of employees working _____ Daily number of customers/guests _____

7.4 Length of pipe in the sewer collection system? _____ feet/miles (Please denote which unit is appropriate.)

7.5 Does any bypassing occur in the collection system or at the treatment facility? Yes No (If yes, attach explanation.)

7.6 Does significant infiltration occur in the collection system? Yes No (If yes, attach explanation and proposed repair.)

7.7 Is industrial waste discharged to the facility identified in Item 2? Yes No (If yes, see instructions.)

7.8 Will the discharge be continuous through the year? Yes No
 a. Discharge will occur during the following months: 3 TO 11
 b. How many days of the week will the discharge occur? 7

7.9 Is wastewater land applied? Yes No (If yes, attach Form I.)

7.10 Will chlorine be added to the effluent? Yes No
 a. If chlorine is added, what is the resulting residual? 1 µg/l (micrograms per liter)

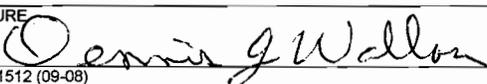
7.11 Does this facility discharge to a losing stream or sinkhole? Yes No

7.12 Attach a flow chart showing all influents, treatment facilities and outfalls.

7.13 Has a waste load allocation study been completed for this facility? Yes No

7.14 List all permit violations, including effluent limit exceedances in the last five years. Attach a separate sheet if necessary. If none, write none. NONE

- 7.1 Existing treatment plant is extended air with a polishing filter. Installed tablet feeders for chlorination and dechlorination, a chlorine contact tank with 40:1 baffles and a sampling location.

8. SLUDGE HANDLING, USE AND DISPOSAL			
8.1 Is the sludge a hazardous waste as defined by 10 CSR 25? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
8.2 Sludge Production, including sludge received from others: <u>2</u> Design Dry Tons/Year <u>2</u> Actual Dry Tons/Year			
8.3 Capacity of sludge holding structures: Sludge storage provided: _____ cubic feet; _____ days of storage; _____ average percent solids of sludge; <input checked="" type="checkbox"/> No sludge storage is provided.			
8.4 Type of Storage: <input type="checkbox"/> Holding tank <input type="checkbox"/> Building <input type="checkbox"/> Basin <input type="checkbox"/> Other (Please describe) _____ <input type="checkbox"/> Concrete Pad			
8.5 Sludge Treatment: <input type="checkbox"/> Anaerobic Digester <input type="checkbox"/> Lagoon <input type="checkbox"/> Composting <input type="checkbox"/> Storage Tank <input type="checkbox"/> Aerobic Digester <input type="checkbox"/> Other (Attach description) <input type="checkbox"/> Lime Stabilization <input type="checkbox"/> Air or Heat Drying			
8.6 Sludge Use or Disposal: <input type="checkbox"/> Land Application <input type="checkbox"/> Surface Disposal (Sludge Disposal Lagoon, Sludge held for more than two years) <input type="checkbox"/> Contract Hauler <input type="checkbox"/> Incineration <input type="checkbox"/> Hauled to Another Treatment Facility <input type="checkbox"/> Sludge Retained in Wastewater treatment lagoon <input type="checkbox"/> Solid Waste Landfill <input type="checkbox"/> Other _____ Attach explanation sheet.			
8.7 PERSON RESPONSIBLE FOR HAULING SLUDGE TO DISPOSAL FACILITY <input type="checkbox"/> By Applicant <input checked="" type="checkbox"/> By Others (complete below)			
NAME ESSER'S E-Z-GO			
ADDRESS 19974 BALKE ROAD		CITY WARSAW	STATE ZIP CODE MO 65355
CONTACT PERSON JACKIE ESSER		TELEPHONE WITH AREA CODE 660-438-6550	PERMIT NO. MO-0112909
8.8 SLUDGE USE OR DISPOSAL FACILITY <input type="checkbox"/> By Applicant <input checked="" type="checkbox"/> By Others (Please complete below.)			
NAME ESSER'S E-Z-GO			
ADDRESS 19974 BALKE ROAD		CITY WARSAW	STATE ZIP CODE MO 65355
CONTACT PERSON JACKIE ESSER		TELEPHONE WITH AREA CODE 660-438-6550	PERMIT NO. MO-0112909
8.9 Does the sludge or biosolids disposal comply with federal sludge regulations under 40 CFR 503? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Please attach explanation)			
9. DOWNSTREAM LANDOWNER (S). ATTACH ADDITIONAL SHEETS AS NECESSARY. SEE INSTRUCTIONS.			
NAME US ARMY CORPS OF ENGINEERS			
ADDRESS 15968 TRUMAN ROAD		CITY WARSAW	STATE ZIP CODE MO 65355
10. DRINKING WATER SUPPLY INFORMATION			
10.1 WHAT IS THE SOURCE OF YOUR DRINKING WATER SUPPLY: A. Public supply (municipal or water district water) <u>TRANSIENT NON-COMMUNITY</u> If public, please give name of the public supply <u>TRUMAN VISITOR CENTER</u> B. Private well _____ C. Surface water (lake, pond or stream) _____			
10.2 Does your drinking water source serve at least 25 people at least 60 days per year (not necessarily consecutive days)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
10.3 Does your supply serve housing which is occupied year round by the same people? This does not include housing which is occupied seasonally? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
11. I certify that I am familiar with the information contained in the application, that to the best of my knowledge and belief such information is true, complete and accurate, and if granted this permit, I agree to abide by the Missouri Clean Water Law and all rules, regulations, orders and decisions, subject to any legitimate appeal available to applicant under the Missouri Clean Water Law.			
NAME AND OFFICIAL TITLE (TYPE OR PRINT) DENNIS WALLACE OPERATIONS PROJECT MANAGER			TELEPHONE WITH AREA CODE 660-438-7317
SIGNATURE 			DATE SIGNED <u>4-15-2013</u>