















MATTHEW G. BEVIN  
GOVERNOR



CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
**DEPARTMENT FOR ENVIRONMENTAL PROTECTION**  
DIVISION OF WATER  
130 EAGLE NEST DR  
PADUCAH KY 42003-9435

AARON B. KEATLEY  
COMMISSIONER

April 17, 2018

Certified No. 7014 0510 0002 3570 1530  
Return Receipt Requested

Mr. Allen Artis  
Great Oaks Subd  
P.O. Box 541  
Benton, KY 42025



Re: Notice of Violation  
AI ID: 3041  
AI Name: Great Oaks Subd  
Activity ID: ENV20180001  
Permit No. KY0080845  
McCracken County, KY

Dear Mr. Artis:

The Kentucky Department for Environmental Protection (DEP) has issued the enclosed Notice of Violation for violations discovered at your facility. Please review this Notice of Violation carefully to ensure that all remedial measures are completed by the specified deadlines.

Your cooperation and attention to this matter is appreciated. If you have any questions, please contact me at 270-898-8468.

Sincerely,

E-Signed by Benjamin Allen   
VERIFY authenticity with e-Sign  


Mr. Benjamin Allen,  
Environmental Inspector  
Division of Water

Enclosure



**COMMONWEALTH OF KENTUCKY**  
**ENERGY AND ENVIRONMENT CABINET**  
**DEPARTMENT FOR ENVIRONMENTAL PROTECTION**  
**Division of Water**

**NOTICE OF VIOLATION**

**To:** Mr. Allen Artis  
Great Oaks Subd  
P.O. Box 541  
Benton, KY 42025

**AI Name:** Great Oaks Subd    **AI ID:** 3041    **Activity ID:** ENV20180001

**Discovery ID:** CIN20180001    **County:** McCracken

**Enforcement Case ID:**

**Date(s) Violation(s) Observed:** 04/16/2018

This is to advise that you are in violation of the provisions cited below:

**1 Violation Description for Subject Item AIOO0000003041():**

Proper Operation and Maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control and related appurtenances which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit. [401 KAR 5:065 Section 2(1)] as in [40 C.F.R. 122.41(e)].

**Description of Non Compliance:**

The facility is not being properly operated and maintained as required. During this inspection, partially treated waste water was observed on the grounds. It appeared the water on the grounds surrounding the plant was coming from a leak on the bottom of the tank. The water is flowing from the sludge return basin bottom. The outfall was observed and there was no flow.

On April 16, 2018 a second visit was made. Waste water was flowing out from the bottom of the tank, the water is standing on the grounds and flowing into a drainage ditch behind the plant, the drainage ditch flows into Blizzard Pond Drainage Canal.

**The remedial measure(s), and date(s) to be completed by are as follows:**

The permittee must, at all times, properly operate & maintain the facility. With proper approval(s) from the Division of Water, upgrade/update the facility in order to meet the regulatory requirements and facility permit conditions. Immediately cease unpermitted discharge. Within thirty (30) days of the receipt of this notice, the permittee shall submit a written notification to the undersigned that the permittee complies with all requirements of its permit. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and/or your company to an immediate referral to the Division of Enforcement. [401 KAR 5:065 Section 2(1)]

**2 Violation Description for Subject Item AIOO0000003041():**

All wastewater treatment plants shall have a disinfection process which meets the following requirements: An ultraviolet disinfection system designed to treat the anticipated peak hourly flow; a chlorination system with a flow or demand proportional feed system. The chlorine contact tank shall have a minimum detention time of thirty (30) minutes based on the average flow, or fifteen (15) minutes based on the peak hourly flow, whichever requires the larger tank size, wastewater treatment plants shall also have a

dechlorination system with a flow or demand proportional feed system if necessary to meet the effluent limits; or a chlorination system with a manually controlled feed system and a flow equalization basin designed to eliminate the diurnal flow variations. Tablet type chlorination equipment shall not be used in an intermediate or large WWTP. [401 KAR 5:005 Section 11].

**Description of Non Compliance:**

The facility has failed to properly maintain and / or operate the disinfection unit. No Chlorine tablets were observed in the chlorine contact chamber. Sewage that has not been disinfected is bypassing the chlorine contact chamber and being directly discharged onto the ground.

**The remedial measure(s), and date(s) to be completed by are as follows:**

The permittee must immediately maintain and operate the disinfection unit to allow for compliance with permit conditions. Within thirty (30) days of the receipt of this notice, the permittee shall submit a written notification to the undersigned that the permittee complies with all requirements of its permit. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and/or your company to an immediate referral to the Division of Enforcement. [401 KAR 5:005 Section 11]

**3 Violation Description for Subject Item AIOO0000003041():**

No person shall directly, or indirectly, throw, drain, run or otherwise discharge into any of the waters of the Commonwealth, or cause, permit or suffer to be thrown, drained, run otherwise discharged into such waters any pollutant, or any substance that shall cause or contribute to the pollution of the waters of the commonwealth in contravention of the standards adopted by the cabinet or in contravention of any of the rules, regulations, permits, or orders of the cabinet or in contravention of any of the provisions of this chapter. [KRS 224.70-110].

**Description of Non Compliance:**

Pollutants have entered and contributed to the pollution of the waters of the Commonwealth.

**The remedial measure(s), and date(s) to be completed by are as follows:**

Immediately cease all activity, which is contributing or has contributed to the pollution of the waters of the Commonwealth. Within thirty (30) days of the receipt of this notice, the permittee/responsible party shall submit a plan of action and a schedule of implementation to the undersigned describing the necessary measures taken to address the non-compliance. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and or your company to an immediate referral to the Division of Enforcement. [KRS 224.70-110]

**4 Violation Description for Subject Item AIOO0000003041():**

Surface waters shall not be aesthetically or otherwise degraded. [401 KAR 10:031 Section 2].

**Description of Non Compliance:**

The waters of the Commonwealth have been degraded.

**The remedial measure(s), and date(s) to be completed by are as follows:**

Immediately cease all discharges that are aesthetically or otherwise degrading the waters of the Commonwealth. The effluent must be brought into compliance so as to eliminate stream degradation. Within thirty (30) days of the receipt of this notice, the permittee/responsible party shall submit a plan of action and a schedule of implementation to the undersigned describing the necessary measures taken to address the non-compliance. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and or your company to an immediate referral to the Division of Enforcement. [401 KAR 10:031 Section 2]

**5 Violation Description for Subject Item AIOO0000003041():**

The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. [401 KAR 5:065 Section 2(1)] as in [40 C.F.R. 122.41(l)(6)].

**Description of Non Compliance:**

The facility has failed to report spills, bypasses and/or non-compliance as required by 401 KAR 5:065 Section 2(1). On April 13, 2018 I spoke with Allen Artis via telephone and Mr. Artis stated that on Thursday, April 12th, he had gone out to the plant and observed the spill/bypass from the plant onto the ground. He stated that he called AAA Septic Hauler and had over 4,000 gallons pumped out of the ditch and removed.

**The remedial measure(s), and date(s) to be completed by are as follows:**

The permittee must report spills, bypasses and non-compliance as required by 401 KAR 5:065 Section 2(1). Within thirty (30) days of the receipt of this notice, the permittee shall submit a written notification to the undersigned that the permittee complies with all requirements of its permit. Any permit non-compliance shall constitute a violation of the Clean Water Act and KRS 224, among which shall be the following remedies: Enforcement action, permit revocation, revocation and reissuance, or modification; or denial of permit renewal application. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and or your company to an immediate referral to the Division of Enforcement. [401 KAR 5:065 Section 2(1)]

**6 Violation Description for Subject Item AIOO000003041():**

Whenever, by reason of emergency or accident, a spill or discharge occurs which results in pollution of the waters of the Commonwealth, the Division of Water shall be notified by the most rapid means available. [401 KAR 5:015 Section 2]

**Description of Non Compliance:**

The responsible party/permittee has failed to report the spill or discharge to the Division of Water as required.

**The remedial measure(s), and date(s) to be completed by are as follows:**

All future spills/bypasses, which would result in or contribute to the pollution of the waters, must be reported to the Division of Water by the most rapid means available. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and or your company to an immediate referral to the Division of Enforcement. [401 KAR 5:015 Section 2]

**7 Violation Description for Subject Item AIOO000003041():**

Fencing with a lockable gate shall be provided around the wastewater treatment plant. [401 KAR 5:005 Section 10(7)]

**Description of Non Compliance:**

The facility has failed to install fencing with a lockable gate around the wastewater treatment plant site. The gate and fence around the plant is broken and in need of repairs to prevent vandalism.

**The remedial measure(s), and date(s) to be completed by are as follows:**

The permittee must install a fence with a lockable gate around the waste water treatment plant. Within thirty (30) days of the receipt of this notice, the permittee shall submit a written notification to the

undersigned that the permittee complies with all requirements of its permit. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and/or your company to an immediate referral to the Division of Enforcement. [401 KAR 5:005 Section 10(7)]

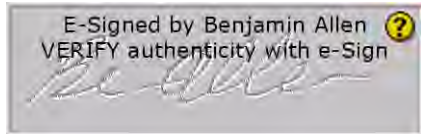
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Violations of the above cited statute(s) and/or regulation(s) are subject to a civil penalty per day per violation. Violations carry civil penalties of up to \$25,000 per day per violation depending on the statutes/regulations violated. In addition, violations may be concurrently enjoined. Compliance with remedial measures and their deadlines does not provide exemption from liability for violations during the period of remediation, nor prevent additional remedial measures from being required.

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If you have questions or need further information, write or call the undersigned:

Division of Water  
Paducah Regional Office  
130 Eagle Nest Dr  
Paducah, KY 42003-9435  
270-898-8468 (8:00 AM – 4:30 PM)  
Mr. Benjamin Allen, Environmental Inspector

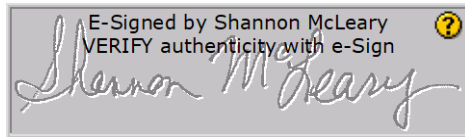


E-Signed by Benjamin Allen  
VERIFY authenticity with e-Sign

The image shows a rectangular box containing a handwritten signature in cursive. Above the signature, the text reads "E-Signed by Benjamin Allen" and "VERIFY authenticity with e-Sign". A small yellow question mark icon is located in the top right corner of the box.

Issued By:

Mr. Benjamin Allen, Environmental Inspector  
Date: April 17, 2018



E-Signed by Shannon McLeary  
VERIFY authenticity with e-Sign

The image shows a rectangular box containing a handwritten signature in cursive. Above the signature, the text reads "E-Signed by Shannon McLeary" and "VERIFY authenticity with e-Sign". A small yellow question mark icon is located in the top right corner of the box.

Issued By:

Ms. Shannon McLeary, Environmental Control Supervisor  
Date: April 17, 2018

How Delivered: USPS Certified/Registered # 7014 0510 0002 3570 1530



MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

AARON B. KEATLEY  
COMMISSIONER

300 SOWER BOULEVARD  
FRANKFORT, KENTUCKY 40601

April 23, 2018

Certified No. 7017 0530 0000 5314 4558

Golden Acres Subd  
Allen Artis  
PO Box 431  
Benton, KY 42324



Re: Notice of Violation  
AI ID: 2935  
AI Name: Golden Acres Subd  
Activity ID: ENV20180001  
Facility No. KY0044164  
Marshall County, KY

Dear Mr. Artis:

The Kentucky Department for Environmental Protection (DEP) has issued the enclosed Notice of Violation for violations discovered at your facility. Please review this Notice of Violation carefully to ensure that all remedial measures are completed by the specified deadlines.

Your cooperation and attention to this matter is appreciated. If you have any questions, please contact me at (502) 782-6859.

Sincerely,

E-Signed by Donald Polly  
VERIFY authenticity with e-Sign   


Donald Polly, Enforcement Specialist  
Compliance and Operations Branch

Enclosure



**COMMONWEALTH OF KENTUCKY**  
**ENERGY and ENVIRONMENT CABINET**  
**DEPARTMENT FOR ENVIRONMENTAL PROTECTION**  
**Division of Enforcement**

**NOTICE OF VIOLATION**

**To:** Golden Acres Subd  
Allen Artis  
PO Box 431  
Benton, KY 42324

**AI Name:** Golden Acres Subd **AI ID:** 2935 **Activity ID:** ENV20180001  
**County:** Marshall  
**Facility Number:** KY0044164  
**Date(s) Violation(s) Observed:** 04/23/2018

This is to advise that you are in violation of the provisions cited below:

**1** Violation Description for Subject Item AIOO0000002935():

No person shall, directly or indirectly, throw, drain, run or otherwise discharge into any of the waters of the Commonwealth, or cause, permit or suffer to be thrown, drained, run or otherwise discharged into such waters any pollutant, or any substance that shall cause or contribute to the pollution of the waters of the Commonwealth in contravention of the standards adopted by the cabinet or in contravention of any of the rules, regulations, permits, or orders of the cabinet or in contravention of any of the provisions of this chapter. [KRS 224.70-110]

**Description of Non Compliance:**

Failing to comply with 401 KAR 5:065, which cites 40 CFR 122.41(a), by failing to comply with the terms and conditions of KPDES Permit No. KY0044164, Outfall 001-2, for Total Ammonia Nitrogen (TAN) during the 2nd Qtr (Apr - Jun) 2016; and 3rd Qtr (Jul - Sept) 2017. The permitted limits for TAN Loading during the months of May through October are a monthly average of 0.83 lbs/day and a maximum weekly average of 1.25 lbs/day. The reported results were a monthly average of 1.726 lbs/day and a maximum weekly average of 1.726 lbs/day for the 2nd Qtr (Apr - Jun) 2016.

The permitted limits for TAN Concentration during the months of May through October are a monthly average of 4 mg/l and a maximum weekly average of 6 mg/l. The reported results were a monthly average of 23 mg/l and a maximum weekly average of 23 mg/l for the 2nd Qtr (Apr - Jun) 2016; and a monthly average of 7.7 mg/l and a maximum weekly average of 7.7 mg/l for the 3rd Qtr (Jul - Sept) 2017.

**The remedial measure(s), and date(s) to be completed by are as follows:**

Golden Acres Subd shall comply with the terms and conditions of their Kentucky Pollutant Discharge Elimination System (KPDES) permit No. KY0044164. The KDEP does not presently intend to pursue a formal enforcement action, including the assessment of civil penalties, for the violation(s) cited in the NOV(s) listed above. The KDEP, as part of the Environmental and Public Protection Cabinet (EPPC), reserves its rights under Chapter 224 of the Kentucky Revised Statutes and its administrative regulations to undertake formal enforcement actions as it deems appropriate. These formal enforcement actions may include consideration of the compliance issues addressed by this/these NOV(s) as deemed appropriate by the Cabinet. [KRS 224.70-110]

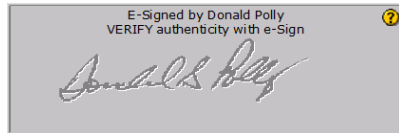
Violations of the above cited statute(s) and/or regulation(s) are subject to a civil penalty per day per violation. Violations carry civil penalties of up to \$25,000 per day per violation depending on the statutes/regulations violated. In addition, violations may be concurrently enjoined. Compliance with remedial measures and their

deadlines does not provide exemption from liability for violations during the period of remediation, nor prevent additional remedial measures from being required.

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If you have questions or need further information, write or call the undersigned:

Department for Environmental Protection  
Division of Enforcement  
300 Sower Blvd, 3<sup>rd</sup> Floor  
Frankfort, KY 40601  
502-782-6859 (7:45 AM – 3:45 PM)  
Donald Polly, Enforcement Specialist



Issued By:

Donald Polly  
Environmental Enforcement Specialist  
Compliance and Operations Branch  
Date: April 23, 2018

How Delivered: Certified Mail Certified/Registered # 7017 0530 0000 5314 4558

MATTHEW G. BEVIN  
GOVERNOR



CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER  
130 EAGLE NEST DR  
PADUCAH KY 42003-9435

AARON B. KEATLEY  
COMMISSIONER

May 2, 2018

Certified No. 7014 0510 0002 3570 4128  
Return Receipt Requested

Mr. Allen Artis  
Great Oaks Subd  
P.O. Box 541  
Benton, KY 42025


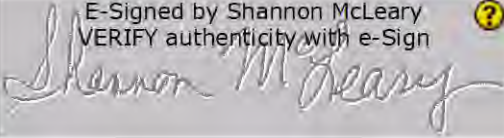
Re: Notice of Violation  
AI ID: 3041  
AI Name: Great Oaks Subd  
Activity ID: ENV20180002  
Permit No. KY0080845  
McCracken County, KY

Dear Mr. Artis:

The Kentucky Department for Environmental Protection (DEP) has issued the enclosed Notice of Violation for violations discovered at your facility. Please review this Notice of Violation carefully to ensure that all remedial measures are completed by the specified deadlines.

Your cooperation and attention to this matter is appreciated. If you have any questions, please contact me at 270-898-8468.

Sincerely,

E-Signed by Shannon McLeary  
VERIFY authenticity with e-Sign   


Ms. Shannon McLeary,  
Environmental Control Supervisor  
Division of Water

Enclosure



**COMMONWEALTH OF KENTUCKY**  
**ENERGY AND ENVIRONMENT CABINET**  
**DEPARTMENT FOR ENVIRONMENTAL PROTECTION**  
**Division of Water**

**NOTICE OF VIOLATION**

**To:** Mr. Allen Artis  
Great Oaks Subd  
P.O. Box 541  
Benton, KY 42025

**AI Name:** Great Oaks Subd    **AI ID:** 3041    **Activity ID:** ENV20180002  
**Discovery ID:** CIN20180002    **County:** McCracken  
**Enforcement Case ID:**  
**Date(s) Violation(s) Observed:** 04/25/2018

This is to advise that you are in violation of the provisions cited below:

**1 Violation Description for Subject Item AIOO0000003041():**

Whenever by reason of emergency or accident a spill or discharge occurs from a sewage system or from a container or pipeline used to transport or store substances which would result in or contribute to the pollution of the waters, the person in charge of such activity shall immediately notify the Division of Water by the most rapid means available. [401 KAR 5:015 Section 2]

**Description of Non Compliance:**

The responsible party/permittee has failed to report a spill or discharge to the Division of Water as required. Evidence of an unreported overflow going over the creek bank and into the stream. Overflow had ceased before arrival. A large area around the effluent pipe was black from residual from the overflow. There was no evidence of an attempt to clean up the residual.

**The remedial measure(s), and date(s) to be completed by are as follows:**

All future spills/bypasses, which would result in or contribute to the pollution of the waters, must be reported to the Division of Water by the most rapid means available. Due the seriousness of this incident, this matter is being referred to the Division of Enforcement. [401 KAR 5:015 Section 2]

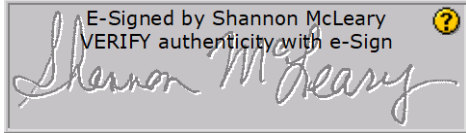
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Violations of the above cited statute(s) and/or regulation(s) are subject to a civil penalty per day per violation. Violations carry civil penalties of up to \$25,000 per day per violation depending on the statutes/regulations violated. In addition, violations may be concurrently enjoined. Compliance with remedial measures and their deadlines does not provide exemption from liability for violations during the period of remediation, nor prevent additional remedial measures from being required.

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If you have questions or need further information, write or call the undersigned:

Division of Water  
Paducah Regional Office  
130 Eagle Nest Dr  
Paducah, KY 42003-9435  
270-898-8468 (8:00 AM – 4:30 PM)  
Ms. Shannon McLeary, Environmental Control Supervisor



Issued By:

Ms. Shannon McLeary, Environmental Control Supervisor  
Date: May 2, 2018

How Delivered: USPS Certified/Registered # 7014 0510 0002 3570 4128



MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

AARON B. KEATLEY  
COMMISSIONER

DIVISION OF WATER  
130 EAGLE NEST DR  
PADUCAH, KY, 420039435

May 10, 2018

Allen Artis  
1303 Pugh School Rd.  
Benton, Kentucky 42025

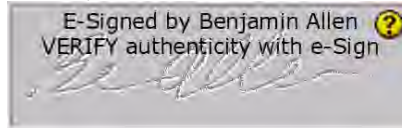
RE: Great Oaks Subd -- 3041  
Permit No.: KY0080845  
McCracken County, Kentucky  
Activity ID: CIN20180003

Dear Mr. Artis:

Attached for your information and records is a copy of the WW Routine-Min Nmun performed at Great Oaks Subd on May 7, 2018.

If you have any questions or comments concerning this inspection, please contact the Paducah Regional Office at: (270) 898-8468.

Sincerely,



Benjamin Allen  
Environmental Inspector  
Paducah Regional Office  
Division of Water

Enclosure:



Energy and Environment Cabinet  
Department for Environmental Protection  
Division of Water  
Wastewater Inspection Report

**AI ID:** 3041      **AI Type:** RESIDENCE- Subdivision (nec)  
**AI Name:** Great Oaks Subd  
**AI Address:** Creek Side Dr  
**City:** Paducah, **State:** Kentucky **Zip:** 42001  
**County:** McCracken **Regional Office:** Paducah Regional Office  
**Latitude:** 36.988889    **Longitude:** -88.641667  
**Site Contact:** Allen Artis  
**Title: Owner/ Operator**      **Phone #:**  
**Inspection Type:** WW Routine-Min Nmun **Activity #:** CIN20180003  
**Inspection Start Date:** May 7, 2018 **Time:** 08:45 AM **End Date:** May 7, 2018 **Time:** 08:45 AM  
**Site/Permit ID:** KY0080845

**Lead DEP Investigator:** Benjamin Allen  
**Persons Interviewed:** Allen Artis

**General Comments:**

On May 7, 2018 a follow up inspection was conducted at The Great Oaks Subdivision WWTP. This inspection was conducted as a follow up to assess the status of multiple ongoing issues at the plant. During this inspection the owner/ operator Mr. Allen Artis was onsite. Onsite was also a contractor operating a backhoe performing repairs to the access road. The collapsed culvert has been repaired, and several pot holes filled.

The package plant was observed and a trickling of discharge was noted, although the plant is not to be discharging at this time. The bypass pump is functioning properly to allow the leaking tank to remain empty for repairs. Mr. Artis stated he has placed a sealant around the tank wall repairs and is waiting for it to cure before putting the tank back into service. The return sludge from the clarifier to the aeration basin had been repaired and is in operation. The area surrounding the plant still shows signs of holding septic water from the initial leaks. Solids from sewage are in multiple locations around the package plant. The gate into the plant area has been repaired, Mr. Artis stated he plans to have barbed wire added to the top.

**Overall Compliance Status: D- Out of Compliance-Violations Documented**

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**Investigation Results**

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**SI:** AIOO3041

**SI Description:**

**Inspector Comment:**

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**Requirement:** Does the facility hold the proper KPDES permit?. [401 KAR 5:055 Section 2]

**Compliance Status:** I-No Violations obs-but impending viol trends obs

**Comment:** A renewal application has been submitted. Permittee has failed to respond to a 15 day Notice of Deficiency at this time.

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**Requirement:** Is the facility being operated under the supervision of a properly certified operator? [401 KAR 5:010 Section 1]. [401 KAR 5:010 Section 1]

**Compliance Status:** C-No Violations observed

**Comment:** Allen Artis

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**Requirement:** Is the collection system under the primary responsibility of an individual who holds an active collection system certification at the level appropriate for the size of the treatment facility receiving the

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waste? [401 KAR 5:010 Section 2]. [401 KAR 5:010 Section 2]

**Compliance Status:** C-No Violations observed

**Comment:** Allen Artis

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**Requirement:** Is the facility being properly operated and maintained as specified in regulation 5:065? This includes:

(a) proper operation and maintenance of all facilities, systems of treatment and control, and related appurtenances which are installed or used by the permittee to achieve compliance with permit conditions;

(b) proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures;

(c) this provision also requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit. [401 KAR 5:065 Section 2(1)]. [401 KAR 5:065 Section 2(1)]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** The facility is not being properly operated and maintained as required. Facility still has numerous O&M problems. Facility is actively working with DENF to enter into an interim Agreed Order. One of the tanks on the package plant is leaking. One wall is at risk of failing internally and had a patch of severe erosion. Beams inside the empty tank are buckled. The entire plant is septic.

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**Requirement:** Are the disinfection unit(s) maintained and operated properly to allow for compliance with permit conditions? [401 KAR 5:005 Section 11]. [401 KAR 5:005 Section 11]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** The facility has failed to properly maintain and / or operate the disinfection unit. 2 chlorine tablets are present.

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**Requirement:** Have pollutants entered the waters of the Commonwealth? [KRS 224.70-110]. [KRS 224.70-110]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** Pollutants have entered and contributed to the pollution of the waters of the Commonwealth. Evidence of an unreported overflow going over the creek bank and into the stream. Overflow had ceased before arrival. Discharge was trickling at the time of inspection. Plant is septic. Facility is under and Abate and Alleviate Order and not to be discharging at this time.

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**Requirement:** Have surface waters been aesthetically or otherwise degraded? [401 KAR 10:031 Section 2]. [401 KAR 10:031 Section 2]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** The waters of the Commonwealth have been degraded. Evidence of an unreported overflow going over the creek bank and into the stream. Overflow had ceased before arrival. Discharge was trickling at the time of inspection. Plant is septic. Facility is under and Abate and Alleviate Order and not to be discharging at this time.

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**Requirement:** Is the facility in compliance with the reporting requirements for spills, bypasses and other releases to the environment? [401 KAR 5:015 Section 2]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** The responsible party/permittee has failed to report a spill or discharge to the Division of Water as required. Evidence of an unreported overflow going over the creek bank and into the stream. Overflow had ceased before arrival. A large area around the effluent pipe was black from residual from the overflow. There was no evidence of an attempt to clean up the residual.

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**Requirement:** Has fencing with a lockable gate been installed around the wastewater treatment plant? [401 KAR 5:005 Section 10(7)]

**Compliance Status:** C-No Violations observed

**Comment:** Mr. Artis has had the gate repaired and plans to add Barbed wired to the top to discourage any one from climbing it.

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**Requirement:** Has an all-weather access road been installed to allow access to the wastewater treatment plant? Is the road adequately maintained to allow access to the facility for operation and maintenance activity? [401 KAR 5:005 Section 10(8)]

**Compliance Status:** C-No Violations observed

**Comment:** The collapsed culvert has been repaired, and fresh gravel has been applied to the access road.

---

**Requirement:** Sewage sludge. Did the facility meet the requirements governing the disposal of sewage sludge from publicly owned treatment works, in accordance with 40 CFR Part 503? [401 KAR 5:065 Section 2(4)]

**Compliance Status:** C-No Violations observed

**Comment:** AAA septic hauler is hauling waste from the plant. Mr. Artis is maintaining documentation of the quantity removed daily.

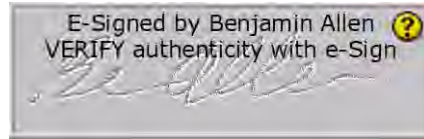
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**Documentation**

- Photos taken**
- Documents obtained from facility**
- Samples taken by outside source**
- Request for Submission of Documents**

- Record of visual determination of opacity**
- Samples taken by DEP**
- Regional office instrument readings taken**
- Other documentation**

**Inspector:**



**Date:**        **May 10, 2018**

**Received By:** \_\_\_\_\_ **Title:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Delivery Method: USPS**

# Great Oaks May 7, 2018

by Allen, Benjamin (EEC)





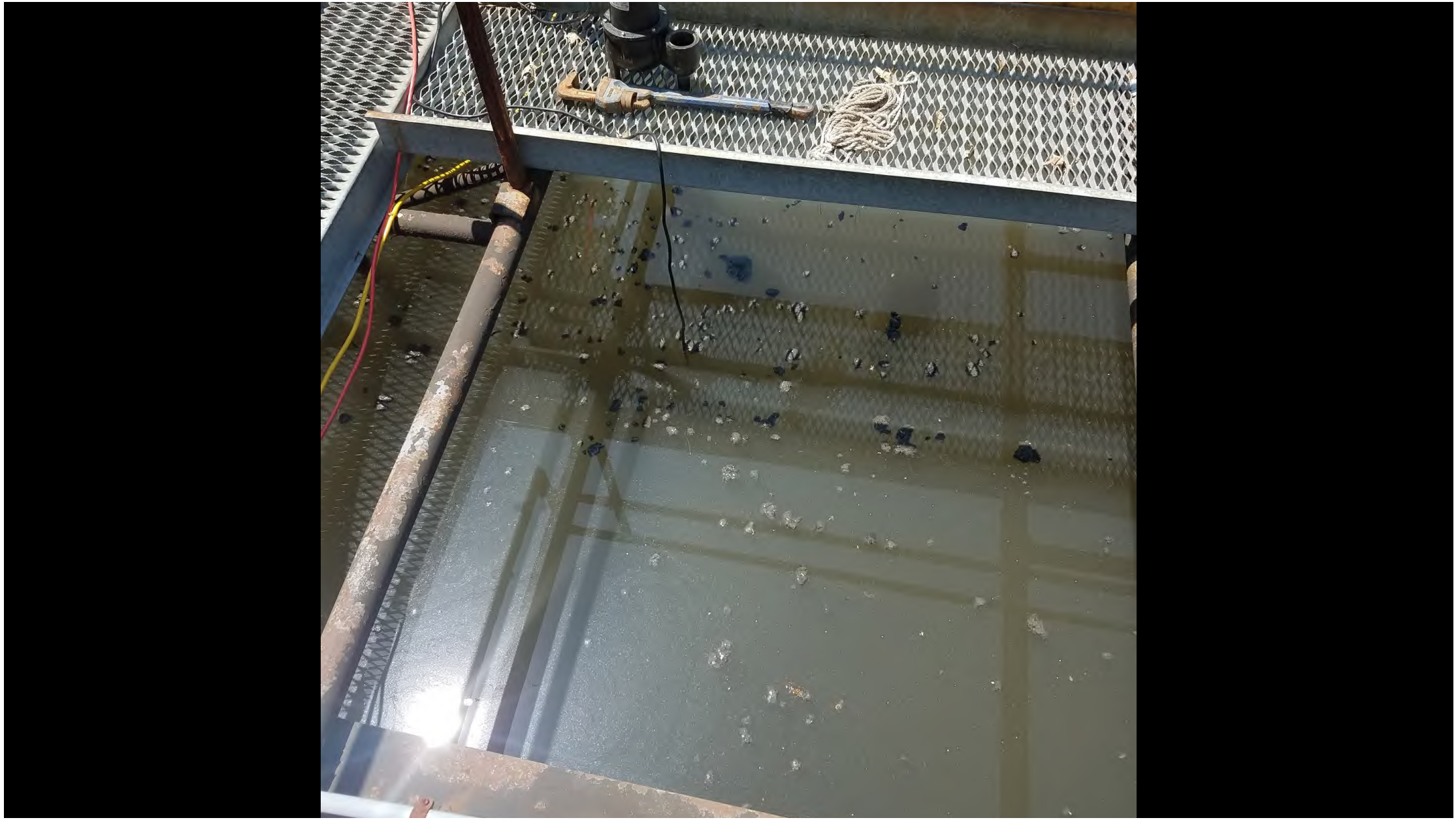


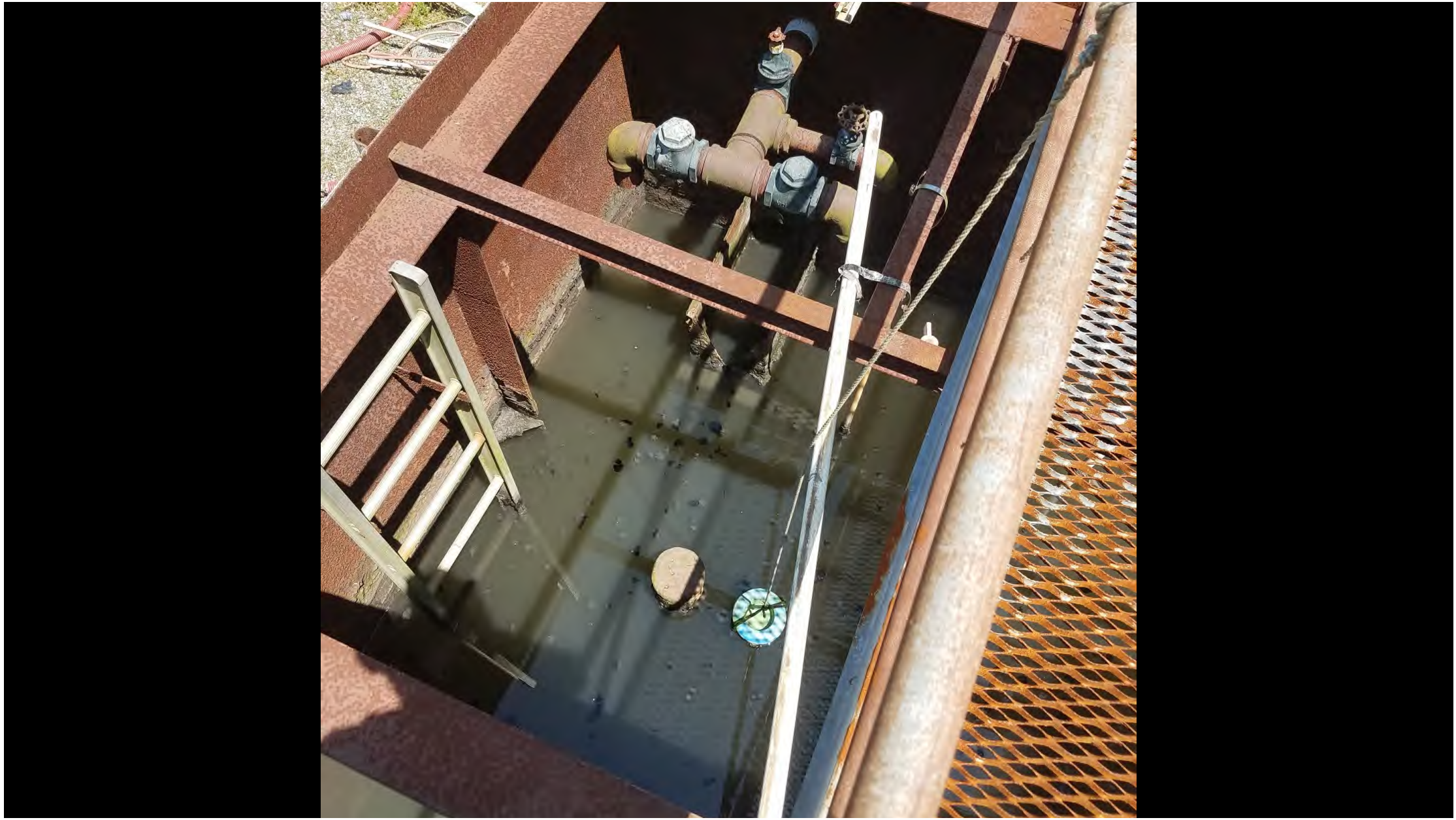








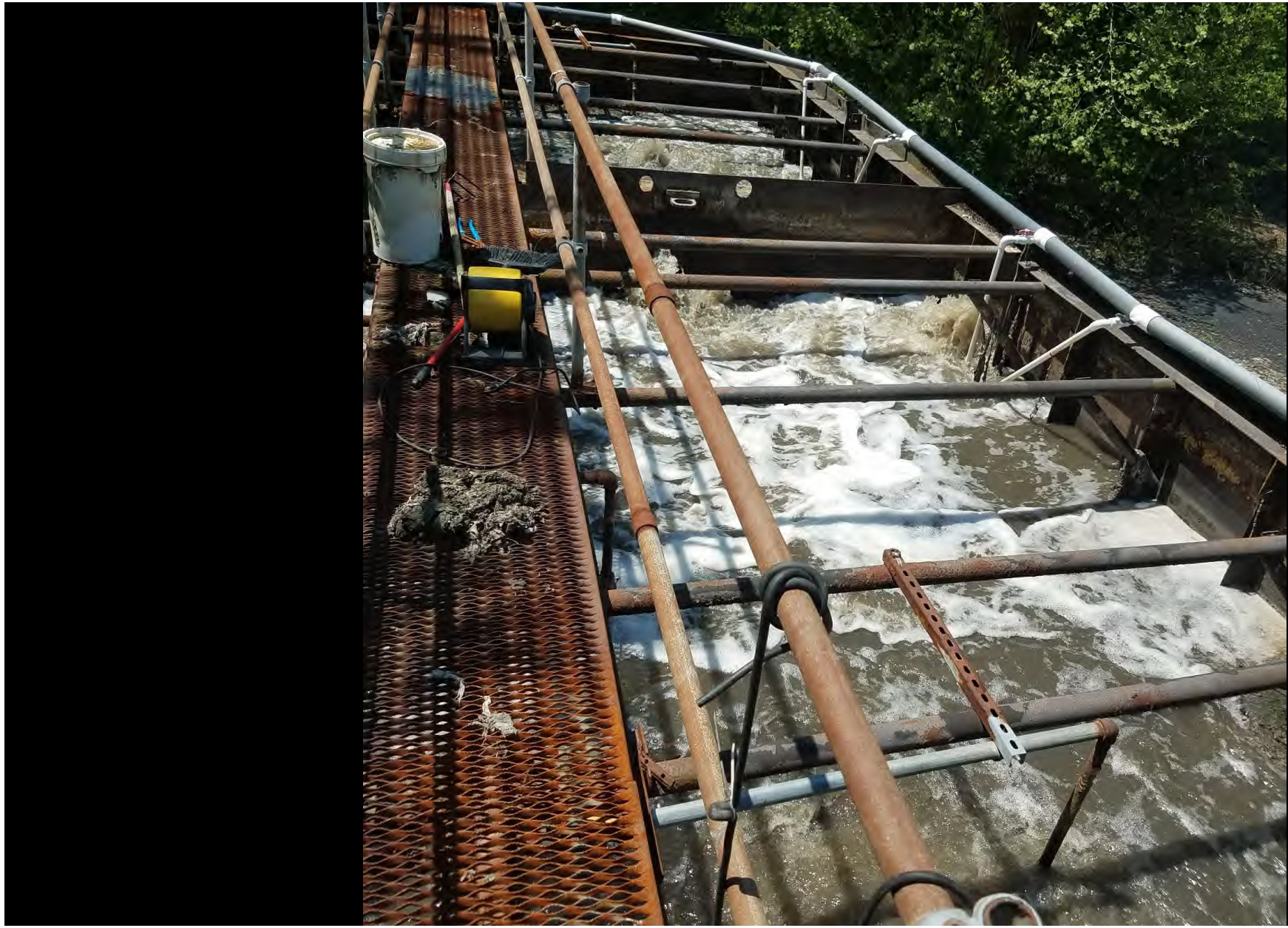
















MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

AARON B. KEATLEY  
COMMISSIONER

300 SOWER BOULEVARD  
FRANKFORT, KENTUCKY 40601

May 10, 2018

Certified No. 7017 0530 0000 5314 4633

Persimmon Ridge Subd  
Lawren A. Just  
72 Persimmon Ridge Rd  
Louisville, KY 40245



Re: Notice of Violation  
AI ID: 3955  
AI Name: Persimmon Ridge Subd  
Activity ID: ENV20180001  
Facility No. KY0090956  
Shelby County, KY

Dear Lawren A. Just:

The Kentucky Department for Environmental Protection (DEP) has issued the enclosed Notice of Violation for violations discovered at your facility. Please review this Notice of Violation carefully to ensure that all remedial measures are completed by the specified deadlines.

Your cooperation and attention to this matter is appreciated. If you have any questions, please contact me at (502) 782-6859.

Sincerely,

E-Signed by Donald Polly  
VERIFY authenticity with e-Sign   


Donald Polly, Enforcement Specialist  
Compliance and Operations Branch

Enclosure



**COMMONWEALTH OF KENTUCKY  
ENERGY and ENVIRONMENT CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
Division of Enforcement**

**NOTICE OF VIOLATION**

**To:** Persimmon Ridge Subd  
Lawren A. Just  
72 Persimmon Ridge Rd  
Louisville, KY 40245

**AI Name:** Persimmon Ridge Subd     **AI ID:** 3955     **Activity ID:** ENV20180001  
**County:** Shelby  
**Enforcement Case ID:** DOW170261  
**Facility Number:** KY0090956  
**Date(s) Violation(s) Observed:** 05/09/2018

This is to advise that you are in violation of the provisions cited below:

- 1** Violation Description for Subject Item AIOO0000003955():  
No person shall, directly or indirectly, throw, drain, run or otherwise discharge into any of the waters of the Commonwealth, or cause, permit or suffer to be thrown, drained, run or otherwise discharged into such waters any pollutant, or any substance that shall cause or contribute to the pollution of the waters of the Commonwealth in contravention of the standards adopted by the cabinet or in contravention of any of the rules, regulations, permits, or orders of the cabinet or in contravention of any of the provisions of this chapter. [KRS 224.70-110]

**Description of Non Compliance:**

Failing to comply with 401 KAR 5:065, which cites 40 CFR 122.41(a), by failing to comply with the terms and conditions of KPDES Permit No. KY0090956, Outfall 001-1, for Total Phosphorus (P) during the months of October, November and December 2017; and February and March 2018. The permitted limits for P Concentration are a monthly average of 1.0 mg/l and a maximum weekly average of 2.0 mg/l. The reported results were a monthly average of 1.56 mg/l for October 2017; a monthly average of 1.128 mg/l for November 2017; a monthly average of 1.02 mg/l for December 2017; a monthly average of 1.32 mg/l for February 2018; and a monthly average of 1.402 mg/l and a maximum weekly average of 3.26 mg/l for March 2018.

**The remedial measure(s), and date(s) to be completed by are as follows:**

Persimmon Ridge Subd shall comply with the terms and conditions of KPDES permit #KY0090956. The KDEP will continue to monitor your DMRs. [KRS 224.70-110]

- 2** Violation Description for Subject Item AIOO0000003955():  
No person shall, directly or indirectly, throw, drain, run or otherwise discharge into any of the waters of the Commonwealth, or cause, permit or suffer to be thrown, drained, run or otherwise discharged into such waters any pollutant, or any substance that shall cause or contribute to the pollution of the waters of the Commonwealth in contravention of the standards adopted by the cabinet or in contravention of any of the rules, regulations, permits, or orders of the cabinet or in contravention of any of the provisions of this chapter. [KRS 224.70-110]

**Description of Non Compliance:**

Failing to comply with 401 KAR 5:065, which cites 40 CFR 122.41(a), by failing to comply with the terms and conditions of KPDES Permit No. KY0090956, Outfall 001-1, for Total Suspended Solids (TSS) during the months of November 2017; and February and March 2018. The permitted limits for TSS Loading are a monthly average of 35.5 lbs/day and a maximum weekly average of 53.3 lbs/day. The reported results were a monthly average of 48.2 lbs/day and a maximum weekly

average of 70.89 lbs/day for February 2018; and a monthly average of 48.28 lbs/day and a maximum weekly average of 147.618 lbs/day for March 2018. The permitted limits for TSS Concentration are a monthly average of 30 mg/l and a maximum weekly average of 45 mg/l. The reported results were a maximum weekly average of 50.5 mg/l for November 2017; and a monthly average of 38.6 mg/l and a maximum weekly average of 118 mg/l for March 2018.

**The remedial measure(s), and date(s) to be completed by are as follows:**

Persimmon Ridge Subd shall comply with the terms and conditions of KPDES permit #KY0090956. The KDEP will continue to monitor your DMRs. [KRS 224.70-110]

**3 Violation Description for Subject Item AIOO0000003955():**

No person shall, directly or indirectly, throw, drain, run or otherwise discharge into any of the waters of the Commonwealth, or cause, permit or suffer to be thrown, drained, run or otherwise discharged into such waters any pollutant, or any substance that shall cause or contribute to the pollution of the waters of the Commonwealth in contravention of the standards adopted by the cabinet or in contravention of any of the rules, regulations, permits, or orders of the cabinet or in contravention of any of the provisions of this chapter. [KRS 224.70-110]

**Description of Non Compliance:**

Failing to comply with 401 KAR 5:065, which cites 40 CFR 122.41(a), by failing to comply with the terms and conditions of KPDES Permit No. KY0090956, Outfall 001-1, for Biochemical Oxygen Demand (BOD) during the months of December 2017; and February and March 2018. The permitted limits for BOD Loading are a monthly average of 11.8 lbs/day and a maximum weekly average of 17.8 lbs/day. The reported results were a monthly average of 30.48 lbs/day and a maximum weekly average of 39.69 lbs/day for February 2018; and a monthly average of 25.52 lbs/day and a maximum weekly average of 70.056 lbs/day for March 2018. The permitted limits for BOD Concentration are a monthly average of 10 mg/l and a maximum weekly average of 15 mg/l. The reported results were a monthly average of 17.66 mg/l and a maximum weekly average of 34 mg/l for December 2017; a monthly average of 10.75 mg/l for February 2018; and a monthly average of 20.4 mg/l and a maximum weekly average of 56 mg/l for March 2018.

**The remedial measure(s), and date(s) to be completed by are as follows:**

Persimmon Ridge Subd shall comply with the terms and conditions of KPDES permit #KY0090956. The KDEP will continue to monitor your DMRs. [KRS 224.70-110]

**4 Violation Description for Subject Item AIOO0000003955():**

No person shall, directly or indirectly, throw, drain, run or otherwise discharge into any of the waters of the Commonwealth, or cause, permit or suffer to be thrown, drained, run or otherwise discharged into such waters any pollutant, or any substance that shall cause or contribute to the pollution of the waters of the Commonwealth in contravention of the standards adopted by the cabinet or in contravention of any of the rules, regulations, permits, or orders of the cabinet or in contravention of any of the provisions of this chapter. [KRS 224.70-110]

**Description of Non Compliance:**

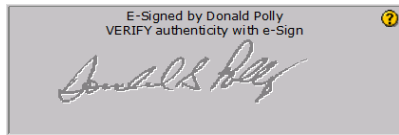
Failing to comply with 401 KAR 5:065, which cites 40 CFR 122.41(a), by failing to comply with the terms and conditions of KPDES Permit No. KY0090956, Outfall 001-1, for Total Residual Chlorine (TRC) during the month of November 2017. The permitted limits for TRC Concentration are a monthly average of 0.011 mg/l and a maximum weekly average of 0.019 mg/l. The reported results were a monthly average of 0.054 mg/l and a maximum weekly average of 0.11 mg/l.

Violations of the above cited statute(s) and/or regulation(s) are subject to a civil penalty per day per violation. Violations carry civil penalties of up to \$25,000 per day per violation depending on the statutes/regulations violated. In addition, violations may be concurrently enjoined. Compliance with remedial measures and their deadlines does not provide exemption from liability for violations during the period of remediation, nor prevent additional remedial measures from being required.

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If you have questions or need further information, write or call the undersigned:

Department for Environmental Protection  
Division of Enforcement  
300 Sower Blvd, 3<sup>rd</sup> Floor  
Frankfort, KY 40601  
502-782-6859 (7:45 AM – 3:45 PM)  
Donald Polly, Enforcement Specialist



Issued By:

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Donald Polly  
Environmental Enforcement Specialist  
Compliance and Operations Branch  
Date: May 10, 2018

How Delivered: Certified Mail Certified/Registered # 7017 0530 0000 5314 4633



MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HATTON  
COMMISSIONER

DIVISION OF WATER  
9116 LEESGATE RD  
LOUISVILLE, KY, 40222

June 11, 2018

Gail Williams  
Kingswood Development Subd  
9101 Lena Lane  
Louisville, KY 40299

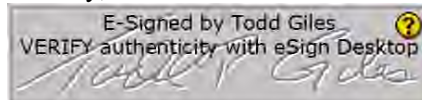
RE: Kingswood Development Subd -- 455  
Permit No.: KY0101419  
Bullitt County, Kentucky  
Activity ID: CIN20180001

Dear Ms Williams:

Attached for your information and records is a copy of the inspection report performed at Kingswood Development Subd on May 10, 2018.

If you have any questions or comments concerning this inspection, please contact the Louisville Regional Office at: (502) 429-7122.

Sincerely,



Todd Giles  
Environmental Inspector  
Louisville Regional Office  
Division of Water

TG  
Enclosure:





Energy and Environment Cabinet  
Department for Environmental Protection  
Division of Water  
Wastewater Inspection Report

**AI ID:** 455      **AI Type:** RESIDENCE- Subdivision (nec)  
**AI Name:** Kingswood Development Subd  
**AI Address:** Kings Church Rd

**City:** Taylorsville, **State:** Kentucky **Zip:** 40071  
**County:** Bullitt **Regional Office:** Louisville Regional Office  
**Latitude:** 38.089629 **Longitude:** -85.483246  
**Site Contact:** Mr. Shawn Ford  
**Title:**  
**Inspection Type:** WW Routine-Min Nmun **Activity #:** CIN20180001  
**Incident IDs:**  
**Inspection Start Date:** May 10, 2018 **Time:** 11:00 AM **End Date:** May 11, 2018 **Time:** 12:00 PM  
**Site/Permit ID:** KY0101419

**Lead DEP Investigator:** Todd Giles  
**Other DEP Investigators:**  
**External Investigators:**  
**Persons Interviewed:** Shawn Ford

**General Comments:** The facility is currently operating under KPDES permit KY0101419 which is set to expire July 31, 2019. At the time of this inspection the facility appeared to operating in a satisfactory manner. The clarifier was noted to have some pin floc going over the weir but did not appear to be affecting the final effluent. UV disinfection was being utilized at this facility and appeared to be operating in a satisfactory manner. The final effluent appeared clear. The grass around the WWTP was really tall and in need of care. The flow meters were shown to have been calibrated last on 07/28/17 by River City Controls and is due for its next calibration on 7/28/18.

**Overall Compliance Status:** C – No Violations observed

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**Investigation Results**

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**SI:** TRMT1 KY0101419 001

**SI Description:** Sanitary Wastewater

**Inspector Comment:**

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**Requirement:** Does the facility hold the proper KPDES permit?. [401 KAR 5:055 Section 2]

**Compliance Status:** C-No Violations observed

**Comment:** The facility is currently operating under KPDES permit KY0101419 and is set to expire July 31, 2019.

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**Requirement:** Is the facility being operated under the supervision of a properly certified operator? [401 KAR 5:010 Section 1]. [401 KAR 5:010 Section 1]

**Compliance Status:** C-No Violations observed

**Comment:** The facility is currently being operated by Shawn Ford. His operation license is 28257 - Class II

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**Requirement:** Is the facility being properly operated and maintained as specified in regulation 5:065? This includes:

- (a) proper operation and maintenance of all facilities, systems of treatment and control, and related appurtenances which are installed or used by the permittee to achieve compliance with permit conditions;
  - (b) proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures;
  - (c) this provision also requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit. [401 KAR 5:065 Section 2(1)]. [401
-

KAR 5:065 Section 2(1)]

**Compliance Status:** C-No Violations observed

**Comment:** The facility appeared to be operating within compliance with the KPDES permit. The final effluent was clear and free of solids/odor/color.

**Requirement:** Are the disinfection unit(s) maintained and operated properly to allow for compliance with permit conditions? [401 KAR 5:005 Section 11]. [401 KAR 5:005 Section 11]

**Compliance Status:** C-No Violations observed

**Comment:** The facility is utilizing UV disinfection. At the time of the inspection, this unit appeared to be operating in a satisfactory manner.

**Requirement:** Have pollutants entered the waters of the Commonwealth? [KRS 224.70-110]. [KRS 224.70-110]

**Compliance Status:** C-No Violations observed

**Comment:** It did not appear that pollutants have not entered the waters of the Commonwealth. The final effluent was clear and free from solids/sheen/color/odor.

**Requirement:** Have surface waters been aesthetically or otherwise degraded? [401 KAR 10:031 Section 2]. [401 KAR 10:031 Section 2]

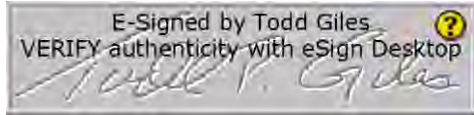
**Compliance Status:** C-No Violations observed

**Comment:** It did not appear that pollutants have not entered the waters of the Commonwealth. The final effluent was clear and free from solids/sheen/color/odor.

**Documentation**

- Photos taken**
- Documents obtained from facility**
- Samples taken by outside source**
- Request for Submission of Documents**
- Record of visual determination of opacity
- Samples taken by DEP**
- Regional office instrument readings taken
- Other documentation**

**Inspector:**



Energy and Environment Cabinet  
Department for Environmental Protection  
Division of Water  
Wastewater Inspection Report

**AI ID:** 1388      **AI Type:** RESIDENCE- Subdivision (nec)  
**AI Name:** Fox Run Subd  
**AI Address:** US 60 W

**City:** Frankfort, **State:** Kentucky **Zip:** 40601  
**County:** Franklin **Regional Office:** Frankfort Regional Office  
**Latitude:** 38.168611 **Longitude:** -84.935556  
**Site Contact:** Larry Smither  
**Title:** permittee      **Phone #:** 502-241-4809  
**Inspection Type:** WW CEI-Minor Non-Mun **Activity #:** CIN20180001  
**Incident IDs:** n/a  
**Inspection Start Date:** May 14, 2018 **Time:** 12:45 PM  
**End Date:** May 14, 2018 **Time:** 01:30 PM  
**Site/Permit ID:** KY0086967

**Lead DEP Investigator:** Deborah Singleton  
**Other DEP Investigators:**  
**External Investigators:**  
**Persons Interviewed:** Mike Gray

**General Comments:** The facility holds KPDES Permit #KY0086967 for discharges associated with wastewater treatment facilities. The permit expires on June 30, 2018.

Limited inspection. This inspection is the result of a complaint regarding an overflow onto the ground for several days. A Division of Water site inspection on May 14, 2018 revealed that both influent lift station pumps are out for repair and a temporary pump is being used. The overflow appears to have not been completely limed/cleaned up as necessary. Mr. Smither was contacted on May 15, 2018. He stated that they are hoping to have two pumps back in operation within a couple of days. Housekeeping needs improvement. There appeared to be a pile of raked/ shoveled up, dried sewage debris on the ground located at the back of the plant.

The plant effluent was clear and odorless.  
The facility is not being properly operated and maintained as required.

PUMP STATION #3. Mr. Mike Gray stated that pump station #3 has not been repaired/ rebuilt. The lift station was destroyed by a tree that fell during a storm in July 2015. A NOV response stated that repairs and funding would be sought through PSC or other measures. A review of PSC records did not reveal any applications for rate increases, or other financing options. The pump station services three residences and there is not a stream located near the pump station.

An initial overflow report was received on May 15, 2018 that addressed an overflow that started on May 7, 2018. The facility has failed to report spills, bypasses and/or non-compliance as required by 401 KAR 5:065 Section 2(1).

**Overall Compliance Status:** Out of Compliance- NOV

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**Investigation Results**

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**SI:** AIOO1388

**SI Description:**

**Inspector Comment:**

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**Requirement:** Does the facility hold the proper KPDES permit?. [401 KAR 5:055 Section 2]

**Compliance Status:** I-No Violations obs-but impending viol trends obs

**Comment:** The facility holds KPDES Permit #KY0086967 for discharges associated with wastewater treatment facilities. The permit expires on June 30, 2018.

NOTE: As of May 15, 2018, a renewal application has not been received by the Division of Water. Renewal applications are required to be submitted 180 days before the expiration date of the current permit.

---

**Requirement:** Have all required permits been obtained from the Division of Water prior to the construction or modification of the facility? [401 KAR 5:005 Section 1]

**Compliance Status:** C-No Violations observed

**Comment:** The facility holds KPDES Permit #KY0086967 for discharges associated with wastewater treatment facilities. The permit expires on June 30, 2018. The facility is not undergoing any construction or modification at the time of the inspection.

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**Requirement:** Is the facility being operated under the supervision of a properly certified operator? [401 KAR 5:010 Section 1]

**Compliance Status:** C-No Violations observed

**Comment:** The facility is under the charge of Mr. Michael Gray, active class I, license #10070.

---

**Requirement:** Is the collection system under the primary responsibility of an individual who holds an active collection system certification at the level appropriate for the size of the treatment facility receiving the waste? [401 KAR 5:010 Section 2]

**Compliance Status:** E-Not Evaluated

**Comment:** Not evaluated.

---

**Requirement:** Does the permittee retain records of all monitoring information including: the date, exact place, and time of sampling or measurements; the name of the individual who performed the sampling or measurements; the dates and times analyses were performed; the name of the individual who performed the analyses; the analytical techniques or methods used; the results of the analyses; all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation; copies of all reports required by this permit; and records of all data used to complete the application for this permit, for the period required by the cabinet and at a minimum of at least three (3) years from the date of the sample, measurement, report, or application? [401 KAR 5:065 Section 2(1)]

**Compliance Status:** E-Not Evaluated

**Comment:** A records review was not conducted during the inspection. A current maintenance log is maintained on site.

---

**Requirement:** Is the facility required to prepare and implement a groundwater protection plan (GPP) as specified in regulation 401 KAR 5:037? If yes, does the facility have a GPP? [401 KAR 5:037 Section 3]

**Compliance Status:** I-No Violations obs-but impending viol trends obs

**Comment:** The facility has developed and implemented a groundwater protection plan. The plan needs to be reviewed and updated if necessary every five years.

---

**Requirement:** Is the permittee reporting monitoring results to the cabinet at the intervals specified in the permit? [401 KAR 5:065 Section 2(1)]

**Compliance Status:** V-Out of Compliance-NOV

**Comment:** The facility has failed to submit monitoring results at intervals specified in the permit. A review of the submitted Discharge Monitoring Reports from July 2016 through March 2018 revealed that the permittee has failed to submit the monitoring results for the following months: November and December 2012; and January, February, and March 2018.

---

**Requirement:** Are the monitoring results reported to the cabinet on a Discharge Monitoring Report (DMR)? [401 KAR 5:065 Section 2(1)]

**Compliance Status:** V-Out of Compliance-NOV

**Comment:** The facility has failed to report monitoring results on a DMR. A review of the submitted Discharge

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Monitoring Reports from July 2016 through March 2018 revealed that the permittee has failed to submit the monitoring results for the following months: November and December 2012; and January, February, and March 2018.

**Requirement:** If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR Part 136 or as specified in the permit, are the results of this monitoring included in the calculation and reporting of the data submitted in the DMR? [401 KAR 5:065 Section 2(1)]

**Compliance Status:** C-No Violations observed

**Comment:** Permittee is aware of this requirement.

---

**Requirement:** Are the calculations for all limitations which require averaging of measurements utilizing an arithmetic mean unless otherwise specified by the Cabinet in the permit? [401 KAR 5:065 Section 2(1)]

**Compliance Status:** C-No Violations observed

**Comment:** Permittee is aware of this requirement.

---

**Requirement:** Is the permittee in compliance for the reporting of spills, bypasses, and non-compliance according 401 KAR 5:065 Section 2(1)

**Compliance Status:** V-Out of Compliance-NOV

**Comment:** An initial overflow report was received on May 15, 2018 that addressed an overflow that started on May 7, 2018. The facility has failed to report spills, bypasses and/or non-compliance as required by 401 KAR 5:065 Section 2(1). The facility is aware of the requirement to report all spills, accidents, bypasses, releases, etc. to the Cabinet by the most rapid means available. The 24-hour emergency reporting number is: (800) 928-2380. the operators report the bypasses/ overflows by phone, texting, faxing, or e-mail notification followed up by final reports.

---

**Requirement:** Did the facility notify the Division of Water by the most rapid means available whenever, by reason of emergency or accident, a spill or discharge occurs which results in pollution of the waters of the Commonwealth? [401 KAR 5:015 Section 2]

**Compliance Status:** V-Out of Compliance-NOV

**Comment:** An initial overflow report was received on May 15, 2018 that addressed an overflow that started on May 7, 2018. The responsible party/permittee has failed to report the spill or discharge to the Division of Water as required. The facility is aware of the requirement to report all spills, accidents, bypasses, releases, etc. to the Cabinet by the most rapid means available. The 24-hour emergency reporting number is: (800) 928-2380. the operators report the bypasses/ overflows by phone, texting, faxing, or e-mail notification followed up by final reports.

---

**Requirement:** Is the facility being properly operated and maintained as specified in regulation 5:065? This includes:

- (a) proper operation and maintenance of all facilities, systems of treatment and control, and related appurtenances which are installed or used by the permittee to achieve compliance with permit conditions;
- (b) proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures;
- (c) this provision also requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit. [401 KAR 5:065 Section 2(1)]

**Compliance Status:** V-Out of Compliance-NOV

**Comment:** The facility is not being properly operated and maintained as required. Limited inspection. This inspection is the result of a complaint regarding an overflow onto the ground for several days. A Division of Water site inspection on May 14, 2018 revealed that both influent lift station pumps are out for repair and a temporary pump is being used. The overflow appears to have not been completely limed/cleaned up as necessary. Effluent was clear and odorless. Mr. Smither was contacted on May 15, 2018. He stated that they are hoping to have two pumps back in operation within a couple of days. Housekeeping needs improvement.

PUMP STATION #3. Mr. Mike Gray stated that pump station #3 has not been repaired/ rebuilt. The lift station was destroyed by a tree that fell during a storm in July 2015. A NOV response stated that repairs and funding would be sought through PSC or other measures. A review of PSC records did not reveal any applications for rate increases, or other financing options. The pump station services three residences and there is not a stream located near the pump station. Sewage is contained to the pump station area.

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**Requirement:** Are the disinfection unit(s) maintained and operated properly to allow for compliance with permit conditions? [401 KAR 5:005 Section 11]

**Compliance Status:** C-No Violations observed

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**Comment:** The facility utilizes liquid chlorine for disinfection purposes.

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**Requirement:** Does the flow measuring device measure all flow received at the WWTP? For large wastewater facilities (average daily design capacity >50,000 gpd), is flow measured by an indicating, recording, and totalizing flow measuring device? [401 KAR 5:005 Section 12]

**Compliance Status:** C-No Violations observed

**Comment:** Flow is measured by an appropriate timed method.

---

**Requirement:** Is a source of water provided for cleanup? If potable water is used, is a backflow preventor installed to protect the water supply? [401 KAR 5:005 Section 10(6)]

**Compliance Status:** C-No Violations observed

**Comment:** In compliance.

---

**Requirement:** Has fencing with a lockable gate been installed around the wastewater treatment plant? [401 KAR 5:005 Section 10(7)]

**Compliance Status:** C-No Violations observed

**Comment:** The facility is fenced and secure when plant personnel are not on site.

---

**Requirement:** Has an all-weather access road been installed to allow access to the wastewater treatment plant? Is the road adequately maintained to allow access to the facility for operation and maintenance activity? [401 KAR 5:005 Section 10(8)]

**Compliance Status:** C-No Violations observed

**Comment:** The facility is accessible in all types of weather.

---

**Requirement:** Sewage sludge. Did the facility meet the requirements governing the disposal of sewage sludge from publicly owned treatment works, in accordance with 40 CFR Part 503? [401 KAR 5:065 Section 2(4)]

**Compliance Status:** N-Not Applicable

**Comment:** The facility is privately owned.

---

**Requirement:** Is the effluent in compliance with KPDES permit limitations? Do the Discharge Monitoring Reports indicate KPDES permit violations? [401 KAR 5:065 Section 2(1)]. [401 KAR 5:065 Section 2(1)]

**Compliance Status:** V-Out of Compliance-NOV

**Comment:** The facility has failed to comply with the effluent limitations contained in the permit. A review of the submitted Discharge Monitoring Reports from July 2016 through October 2017 revealed the following parameter excursions: Ammonia in: July and August 2016 and June, July, August and September 2017; E. Coliform in December 2016 and May 2017.

---

**Requirement:** Are samples taken in compliance with the monitoring requirements and taken at the following location(s): nearest accessible point after final treatment, but prior to actual discharge or mixing with receiving waters? Are the samples representative of plant flow? Are flow proportioned samples obtained when required by the KPDES permit? Are grab samples collected according to the KPDES permit requirements? Are composite samples collected and analyzed according to the KPDES permit conditions? Are samples collected according to KPDES permit requirements? [401 KAR 5:065 Section 2(1)]

**Compliance Status:** E-Not Evaluated

**Comment:** Samples are collected at appropriate sample location. Flow proportioned sampling is not required. The facility is required to perform the following analysis: pH, Dissolved Oxygen, total residual chlorine, and E. Coli by grab sample once per month; Flow by instantaneous measurement once per month; and Biochemical Oxygen Demand, Total Suspended Solids, and ammonia by composite sample once per month. Facility personnel collect the samples and perform the field analysis. The remaining analysis is performed by McCoy McCoy Laboratories.

---

**Requirement:** Are the facility sample collection procedures adequate? Are the samples collected in proper containers, preserved, and refrigerated properly? Are all samples analyzed within the allowed holding times? [401 KAR 5:065 Section 2(1)]

**Compliance Status:** E-Not Evaluated

**Comment:** The division is not present when the samples are collected from the outfalls and assumes that the samples are collected using appropriate containers, preservative, refrigeration, that holding times are observed and analyses performed as per permit specifications. The facility utilizes McCoy/McCoy Laboratories to analyze samples.

---

**Requirement:** Is the facility sampling in accordance with sampling requirements specified for biomonitoring in the KPDES permit conditions? [401 KAR 5:065 Section 2(1)]

**Compliance Status:** N-Not Applicable

**Comment:** The facility is not required to perform biomonitoring analysis.

---

**Requirement:** Have pollutants entered the waters of the Commonwealth? [KRS 224.70-110]

---

---

**Compliance Status:** C-No Violations observed

**Comment:** The effluent discharge area was observed. The effluent was clear and odorless and there was not any visual evidence of pollutants entering the waters of the Commonwealth noted at the time of the inspection.

---

**Requirement:** Have surface waters been aesthetically or otherwise degraded? [401 KAR 10:031 Section 2]

**Compliance Status:** C-No Violations observed

**Comment:** The effluent discharge area was observed. The effluent was clear and odorless and there was not any visual evidence of surface water degradation noted at the time of the inspection.

---

**Requirement:** Is the permittee in compliance with all permit conditions? [401 KAR 5:065 Section 2]

**Compliance Status:** V-Out of Compliance-NOV

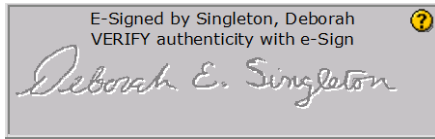
**Comment:** The facility has failed to comply with the terms of the permit.

---

**Documentation**

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> <b>Photos taken</b>             | <input type="checkbox"/> Record of visual determination of opacity |
| <input type="checkbox"/> <b>Documents obtained from facility</b>    | <input type="checkbox"/> <b>Samples taken by DEP</b>               |
| <input type="checkbox"/> <b>Samples taken by outside source</b>     | <input type="checkbox"/> Regional office instrument readings taken |
| <input type="checkbox"/> <b>Request for Submission of Documents</b> | <input type="checkbox"/> <b>Other documentation</b>                |

**Inspector:** Deborah Singleton, Environmental Inspector



**Date:**

**May 16, 2018**

**Delivery Method: certified/registered mail**

**Certified Mail Number:7013 3020 0001 0603 2439**



Fox Run WWTP, Frankfort KY May 14, 2018.  
Deborah Singleton, Environmental Inspector.

Influent pump station overflow. The two pumps are out and it is being operated on a temporary pump.





Fox Run WWTP, Frankfort KY May 14, 2018.  
Deborah Singleton, Environmental Inspector.

Influent pump station overflow. The two pumps are out and it is being operated on a temporary pump.



Fox Run WWTTP, Frankfort KY May 14, 2018.  
Deborah Singleton, Environmental Inspector.

Influent pump station overflow. The two pumps are out and it is being operated on a temporary pump.  
View of overflow area on creek side.



Fox Run WWTP, Frankfort KY May 14, 2018.

Deborah Singleton, Environmental Inspector.

Influent pump station overflow. The two pumps are out and it is being operated on a temporary pump.

View of overflow on creek side.



Fox Run WWTP, Frankfort KY May 14, 2018.  
Deborah Singleton, Environmental Inspector.  
View of outfall area and stream located below the overflow.  
No stream degradation observed.



Fox Run WWTP, Frankfort KY May 14, 2018.  
Deborah Singleton, Environmental Inspector.  
Repairs have not been made at lift station #3.



MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
**DEPARTMENT FOR ENVIRONMENTAL PROTECTION**  
DIVISION OF WATER  
300 SOWER BLVD  
FRANKFORT KY 40601

AARON B. KEATLEY  
COMMISSIONER

May 16, 2018

Certified No. 7013 3020 0001 0603 2439  
Return Receipt Requested

Mr. Larry Smither  
Fox Run Utilities  
P.O. Box 91588  
Louisville, KY 40291

Re: Inspection Report & Notice of Violation  
AI ID: 1388  
AI Name: Fox Run Subd  
Activity ID: ENV20180001  
Permit No. KY0086967  
Franklin County, KY

Dear Mr. Smither:

The Kentucky Department for Environmental Protection (DEP) has issued the enclosed inspection report and Notice of Violation for violations discovered at your facility during a Division of Water site inspection on May 14, 2018. Please review this Notice of Violation carefully to ensure that all remedial measures are completed by the specified deadlines. Failure to address all the remedial measures may result in a referral to the Division of Enforcement for further action.

Your cooperation and attention to this matter is appreciated. If you have any questions, please contact me at 502-564-3358.

Sincerely,

E-Signed by Singleton, Deborah  
VERIFY authenticity with e-Sign  
*Deborah E. Singleton*

Deborah Singleton,  
Environmental Inspector  
Division of Water

Enclosure: Inspection Report & Notice of Violation

**COMMONWEALTH OF KENTUCKY**  
**ENERGY AND ENVIRONMENT CABINET**  
**DEPARTMENT FOR ENVIRONMENTAL PROTECTION**  
**Division of Water**

**NOTICE OF VIOLATION**

**To:** Mr. Larry Smither  
Fox Run Utilities  
P.O. Box 91588  
Louisville, KY 40291

**AI Name:** Fox Run Subd      **AI ID:** 1388      **Activity ID:** ENV20180001  
**Discovery ID:** CIN20180001      **County:** Franklin  
**Enforcement Case ID:**  
**Date(s) Violation(s) Observed:** 05/14/2018

This is to advise that you are in violation of the provisions cited below:

**1 Violation Description for Subject Item AIOO0000001388():**

Monitoring results shall be reported at the intervals specified in the permit. [ ]. [401 KAR 5:065 Section 2(1) as in 40 CFR 122.41(l)(4) ]

**Description of Non Compliance:**

The facility has failed to submit monitoring results at intervals specified in the permit. A review of the submitted Discharge Monitoring Reports from July 2016 through March 2018 revealed that the permittee has failed to submit the monitoring results for the following months: November and December 2012; and January, February, and March 2018.

**The remedial measure(s), and date(s) to be completed by are as follows:**

The permittee must begin reporting monitoring results at the intervals specified in the permit. Any permit non-compliance shall constitute a violation of KRS 224, among which shall be the following remedies: Enforcement action, permit revocation, revocation and reissuance, or modification; or denial of permit renewal application. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and or your company to an immediate referral to the Division of Enforcement. [401 KAR 5:065 Section 2(1)]

**2 Violation Description for Subject Item AIOO0000001388():**

Monitoring results shall be reported on a Discharge Monitoring Report (DMR). [401 KAR 5:065 Section 2(1) as in 40 C.F.R. 122.41 (l)(4)(i) ]

**Description of Non Compliance:**

The facility has failed to report monitoring results on a DMR. A review of the submitted Discharge Monitoring Reports from July 2016 through March 2018 revealed that the permittee has failed to submit the monitoring results for the following months: November and December 2012; and January, February, and March 2018.

**The remedial measure(s), and date(s) to be completed by are as follows:**

The permittee must report monitoring results on a DMR. Any permit non-compliance shall constitute a violation of KRS 224, among which shall be the following remedies: Enforcement action, permit revocation, revocation and reissuance, or modification; or denial of permit renewal application. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and or your

company to an immediate referral to the Division of Enforcement. [401 KAR 5:065 Section 2(1)]

**3 Violation Description for Subject Item AIOO0000001388():**

The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.[401 KAR 5:065 Section 2(1) 40 C.F.R. 122.41(l)(6) ]

**Description of Non Compliance:**

An initial overflow report was received on May 15, 2018 that addressed an overflow that started on May 7, 2018. The facility has failed to report spills, bypasses and/or non-compliance as required by 401 KAR 5:065 Section 2(1). The facility is aware of the requirement to report all spills, accidents, bypasses, releases, etc. to the Cabinet by the most rapid means available. The 24-hour emergency reporting number is: (800) 928-2380. The operators report the bypasses/ overflows by phone, texting, faxing, or e-mail notification followed up by final reports.

**The remedial measure(s), and date(s) to be completed by are as follows:**

The permittee must report spills, bypasses and non-compliance as required by 401 KAR 5:065 Section 2(1). Within thirty (30) days of the receipt of this notice, the permittee shall submit a written notification to the undersigned that the permittee complies with all requirements of its permit. Any permit non-compliance shall constitute a violation of the Clean Water Act and KRS 224, among which shall be the following remedies: Enforcement action, permit revocation, revocation and reissuance, or modification; or denial of permit renewal application. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and or your company to an immediate referral to the Division of Enforcement. [401 KAR 5:065 Section 2(1)]

**4 Violation Description for Subject Item AIOO0000001388():**

Whenever, by reason of emergency or accident, a spill or discharge occurs which results in pollution of the waters of the Commonwealth, the Division of Water shall be notified by the most rapid means available. [401 KAR 5:015 Section 2]

**Description of Non Compliance:**

An initial overflow report was received on May 15, 2018 that addressed an overflow that started on May 7, 2018. The responsible party/permittee has failed to report the spill or discharge to the Division of Water as required. The facility is aware of the requirement to report all spills, accidents, bypasses, releases, etc. to the Cabinet by the most rapid means available. The 24-hour emergency reporting number is: (800) 928-2380. the operators report the bypasses/ overflows by phone, texting, faxing, or e-mail notification followed up by final reports.

**The remedial measure(s), and date(s) to be completed by are as follows:**

All future spills/bypasses, which would result in or contribute to the pollution of the waters, must be reported to the Division of Water by the most rapid means available. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and or your company to an immediate referral to the Division of Enforcement. [401 KAR 5:015 Section 2]

**5 Violation Description for Subject Item AIOO0000001388():**

Proper Operation and Maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control and related appurtenances which are installed or used by the



permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit. [401 KAR 5:065 Section 2(1) as in 40 CFR 122.41(e)]

**Description of Non Compliance:**

The facility is not being properly operated and maintained as required. Limited inspection. This inspection is the result of a complaint regarding an overflow onto the ground for several days. A Division of Water site inspection on May 14, 2018 revealed that both influent lift station pumps are out for repair and a temporary pump is being used. The overflow appears to have not been completely limed/cleaned up as necessary. Effluent was clear and odorless. Mr. Smither was contacted on May 15, 2018. He stated that they are hoping to have two pumps back in operation within a couple of days. Housekeeping needs improvement.

PUMP STATION #3. Mr. Mike Gray stated that pump station #3 has not been repaired/ rebuilt. The lift station was destroyed by a tree that fell during a storm in July 2015. A NOV response stated that repairs and funding would be sought through PSC or other measures. A review of PSC records did not reveal any applications for rate increases, or other financing options. The pump station services three residences and there is not a stream located near the pump station. Sewage is contained to the pump station area.

**The remedial measure(s), and date(s) to be completed by are as follows:**

The permittee must, at all times, properly operate & maintain the facility. With proper approval(s) from the Division of Water, upgrade/update the facility in order to meet the regulatory requirements and facility permit conditions. Within thirty (30) days of the receipt of this notice, the permittee shall submit a written notification to the undersigned that the permittee complies with all requirements of its permit. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and/or your company to an immediate referral to the Division of Enforcement. [401 KAR 5:065 Section 2(1)]

**6 Violation Description for Subject Item AIOO0000001388():**

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and KRS 224 and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. [401 KAR 5:065 Section 2(1)]

**Description of Non Compliance:**

The facility has failed to comply with the effluent limitations contained in the permit. A review of the submitted Discharge Monitoring Reports from July 2016 through October 2017 revealed the following parameter excursions: Ammonia in: July and August 2016 and June, July, August and September 2017; E. Coliform in December 2016 and May 2017.

**The remedial measure(s), and date(s) to be completed by are as follows:**

The permittee must comply with effluent limitations and all conditions of the KPDES permit. Within thirty (30) days of the receipt of this notice, the permittee shall submit a written notification to the undersigned that the permittee complies with all requirements of its permit. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and/or your company to an immediate referral to the Division of Enforcement. [401 KAR 5:065 Section 2(1)]

**7 Violation Description for Subject Item AIOO0000001388():**

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and KRS 224 and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application.[401 KAR 5:065 Section 2 as in 40 C.F.R. 122.41(a) ]

**Description of Non Compliance:**

The facility has failed to comply with the terms of the permit.

**The remedial measure(s), and date(s) to be completed by are as follows:**

Comply with all conditions of the KPDES permit. Failure to comply with the remedial measures or repeated violations of this requirement may subject you and/or your company to an immediate referral to the Division of Enforcement. [401 KAR 5:065 Section 2]

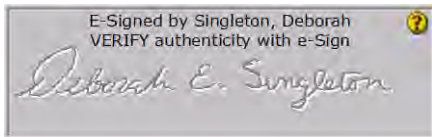
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Violations of the above cited statute(s) and/or regulation(s) are subject to a civil penalty per day per violation. Violations carry civil penalties of up to \$25,000 per day per violation depending on the statutes/regulations violated. In addition, violations may be concurrently enjoined. Compliance with remedial measures and their deadlines does not provide exemption from liability for violations during the period of remediation, nor prevent additional remedial measures from being required.

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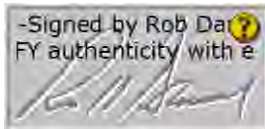
If you have questions or need further information, write or call the undersigned:

Division of Water  
Frankfort Regional Office  
300 Sower Blvd  
Frankfort, KY 40601  
502-564-3358 (8:00 AM – 4:30 PM)  
Deborah Singleton, Deborah Singleton, Environmental Inspector



Issued By:

Deborah Singleton, Environmental Inspector.  
Date: May 16, 2018



Issued By:

Robert H Daniell, Environmental Control Supervisor  
Date: May 16, 2018

How Delivered: certified/registered mail

Certified/Registered # 7013 3020 0001 0603 2439

Fox Run Utilities LLC  
P.O. Box 91588  
Louisville, Kentucky 40291  
502-241-4809

June 25, 2018

Deborah Singleton  
Division of Water  
300 Sower Blvd.  
Frankfort, KY 40601

Re: Nov  
AI ID: 1388  
Name: Fox Run Subdivision  
Activity ID: ENV20180001  
Permit No: KY0086967

Dear Ms Singleton

In response to the referenced NOV dated May 16, 2018 I present the following response.

1. Pertaining to the missing DMR's as listed in the NOV, there was some miss understanding between the laboratory and the Fox Run Utilities in regard to some invoices. This issue has been resolved. So the sampling and analyses will be resumed immediately. Data will be entered on the NETDMR. The NETDMRs will then be signed and submitted.
2. In reference to bypass reports, I am informed by the operator Mike Gray that he is diligent in filing the necessary bypass reports as a rule. There appears to have been a misunderstanding about the incident during the first two weeks of May this year. Mr.

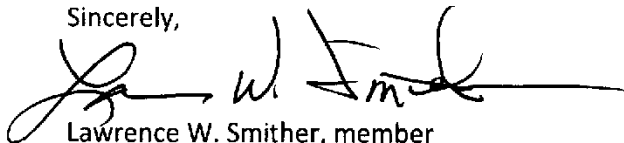
Gray was under the impression that he had an open report at that time and an additional report was not necessary. But in light of his conversation with you, he did file the needed report. Mr. Gray is familiar with the regulation that governs spills, overflows and bypasses. He and Fox Run Utilities will make sure that these reports are submitted, as required, in the future.

3. On the 17<sup>th</sup> of May an attempt was made to install a couple of good used grinder pumps in the lift station at the plant. Unfortunately those pumps would not work in the station as hoped. On the 18<sup>th</sup>, a new sewage pump was picked up from a supplier in Louisville, then taken to the plant and installed. The pump has been working fine since that date. An additional pump should be installed in the next 60 to 90 days.
  
4. Every effort is being made by Fox Run Utilities and its operator to bring the plant into compliance with the discharge permit. There has been a lot of work done at the plant and more scheduled. The items completed and those scheduled are as follows:
  - A new motor installed on the primary blower at the plant.
  - A new main air header fabricated and installed.
  - New diffuser drops fabricated and installed.
  - A new filter/silencer installed on the primary blower.
  - Both chemical feed pumps have been rebuilt.
  - The skimmer and one of the sludge returns are not currently working but they are scheduled to be repaired this week of the 25<sup>th</sup>. At the same time a tank truck is scheduled to remove sludge from the plant.

I hope that you will find this response to be satisfactory.

If you have questions or need additional information please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read 'L. W. Smither', with a long horizontal flourish extending to the right.

Lawrence W. Smither, member

Fox Run Utilities, LLC



MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

AARON B. KEATLEY  
COMMISSIONER

DIVISION OF WATER  
130 EAGLE NEST DR  
PADUCAH, KY, 420039435

May 24, 2018

Allen Artis  
Great Oaks Subd  
1303 Pugh School Rd.  
Benton, Kentucky 42025

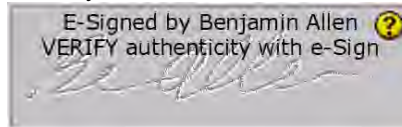
RE: Great Oaks Subd -- 3041  
Permit No.: KY0080845  
McCracken County, Kentucky  
Activity ID: CIN20180004

Dear Mr. Artis:

Attached for your information and records is a copy of the WW Routine-Min Nmun performed at Great Oaks Subd on May 7, 2018.

If you have any questions or comments concerning this inspection, please contact the Paducah Regional Office at: (270) 898-8468.

Sincerely,



Benjamin Allen  
Environmental Inspector  
Paducah Regional Office  
Division of Water

Enclosure:



Energy and Environment Cabinet  
Department for Environmental Protection  
Division of Water  
Wastewater Inspection Report

**AI ID:** 3041      **AI Type:** RESIDENCE- Subdivision (nec)  
**AI Name:** Great Oaks Subd  
**AI Address:** Creek Side Dr  
**City:** Paducah, **State:** Kentucky **Zip:** 42001  
**County:** McCracken **Regional Office:** Paducah Regional Office  
**Latitude:** 36.97991    **Longitude:** -88.64363  
**Site Contact:** Allen Artis  
**Title:** Operator **Phone #:** 270-205-1266  
**Inspection Type:** WW Routine-Min Nmun **Activity #:** CIN20180004  
**Inspection Start Date:** May 22, 2018 **Time:** 01:00 PM **End Date:** May 22, 2018 **Time:** 02:00 PM  
**Site/Permit ID:** KY0080845

**Lead DEP Investigator:** Benjamin Allen  
**Other DEP Investigators:** Jessie York  
**Persons Interviewed:** Allen Artis

**General Comments:**

On May 22, 2018, a follow up inspection was conducted at The Great Oaks Subdivision WWTP. This inspection was conducted as a follow up to assess the status of multiple ongoing issues at the plant. During this inspection the owner/ operator Mr. Allen Artis was not present. The package plant was observed and a trickling of discharge was noted, although the plant is not to be discharging at this time in accordance with the Interim Agreed Order. The tank that has been leaking and repaired is showing evidence of further leaking and indicating the repairs made have not been successful. Mr. Artis stated via telephone that they filled the tank to test the repairs, and that the gaskets on the plates did not adequately stop the leak. He is going to have the welder come out to weld the seams to seal the plates. Also plans to conduct repairs on the beams that have rusted completely.

The bypass pump is functioning properly to allow the leaking tank to remain empty for repairs. The Aeration Basin is operating properly, however there are clumps of solids floating in the tank. The return sludge from the clarifier to the aeration basin had been repaired and is in operation. The area surrounding the plant still shows signs of holding septic water from the initial leaks. Solids from sewage are in multiple locations around the package plant. Any questions regarding this report please contact the Paducah Regional Office at 270-898-8468.

**Overall Compliance Status:** Out of Comp- Viol documented

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**Investigation Results**

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**SI:** AIOO3041

**SI Description:**

**Inspector Comment:**

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**Requirement:** Does the facility hold the proper KPDES permit?. [401 KAR 5:055 Section 2]

**Compliance Status:** I-No Violations obs-but impending viol trends obs

**Comment:** A renewal application has been submitted. Permittee has failed to respond to a 15 day Notice of Deficiency at this time.

---

**Requirement:** Is the facility being operated under the supervision of a properly certified operator? [401 KAR 5:010]

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Section 1]. [401 KAR 5:010 Section 1]

**Compliance Status:** C-No Violations observed

**Comment:** Allen Artis

---

**Requirement:** Is the collection system under the primary responsibility of an individual who holds an active collection system certification at the level appropriate for the size of the treatment facility receiving the waste? [401 KAR 5:010 Section 2]. [401 KAR 5:010 Section 2]

**Compliance Status:** C-No Violations observed

**Comment:** Allen Artis

---

**Requirement:** Is the facility being properly operated and maintained as specified in regulation 5:065? This includes:  
(a) proper operation and maintenance of all facilities, systems of treatment and control, and related appurtenances which are installed or used by the permittee to achieve compliance with permit conditions;  
(b) proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures;  
(c) this provision also requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit. [401 KAR 5:065 Section 2(1)]. [401 KAR 5:065 Section 2(1)]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** The facility is not being properly operated and maintained as required. Facility still has numerous O&M problems. Facility has entered into an interim Agreed Order with DENF. One of the tanks on the package plant is leaking. One wall is at risk of failing internally and had a patch of severe erosion. Beams inside the empty tank are buckled. The aeration basin is operating properly, but there are still large clumps of solids floating.

---

**Requirement:** Are the disinfection unit(s) maintained and operated properly to allow for compliance with permit conditions? [401 KAR 5:005 Section 11]. [401 KAR 5:005 Section 11]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** The facility has failed to properly maintain and / or operate the disinfection unit. 2 chlorine tablets are present.

---

**Requirement:** Have pollutants entered the waters of the Commonwealth? [KRS 224.70-110]. [KRS 224.70-110]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** Pollutants have entered and contributed to the pollution of the waters of the Commonwealth. Evidence of an overflow going over the creek bank and into the stream. Discharge was trickling at the time of inspection. Plant is septic. Facility is under an Interim Agreed Order and not to be discharging at this time.

---

**Requirement:** Have surface waters been aesthetically or otherwise degraded? [401 KAR 10:031 Section 2]. [401 KAR 10:031 Section 2]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** The waters of the Commonwealth have been degraded. Facility is under an Interim Agreed Order and not to be discharging at this time. There is a small discharge at the time of this inspection.

---

**Requirement:** Is the facility in compliance with the reporting requirements for spills, bypasses and other releases to the environment? [401 KAR 5:015 Section 2]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** The responsible party/permittee has reported a spill or discharge to the Division of Water as required. Evidence of an overflow going over the creek bank and into the stream. Overflow had ceased before arrival. A large area around the effluent pipe was black from residual from the overflow. There was no evidence of an attempt to clean up the residual.

---

**Requirement:** Has fencing with a lockable gate been installed around the wastewater treatment plant? [401 KAR 5:005 Section 10(7)]

**Compliance Status:** C-No Violations observed

**Comment:** Mr. Artis has had the gate repaired and plans to add Barbed wired to the top to discourage any one from climbing it.

---

**Requirement:** Has an all-weather access road been installed to allow access to the wastewater treatment plant? Is the road adequately maintained to allow access to the facility for operation and maintenance activity? [401 KAR 5:005 Section 10(8)]

**Compliance Status:** C-No Violations observed

**Comment:** The collapsed culvert has been repaired, and fresh gravel has been applied to the access road.

---

**Requirement:** Sewage sludge. Did the facility meet the requirements governing the disposal of sewage sludge from publicly owned treatment works, in accordance with 40 CFR Part 503? [401 KAR 5:065 Section 2(4)]

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**Compliance Status:** C-No Violations observed

**Comment:** AAA septic hauler is hauling waste from the plant. Mr. Artis is maintaining documentation of the quantity removed daily.

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**Documentation**

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> <b>Photos taken</b>             | <input type="checkbox"/> Record of visual determination of opacity |
| <input type="checkbox"/> <b>Documents obtained from facility</b>    | <input type="checkbox"/> <b>Samples taken by DEP</b>               |
| <input type="checkbox"/> <b>Samples taken by outside source</b>     | <input type="checkbox"/> Regional office instrument readings taken |
| <input type="checkbox"/> <b>Request for Submission of Documents</b> | <input type="checkbox"/> <b>Other documentation</b>                |

**Inspector:**

**Date:**

**Received By:** \_\_\_\_\_ **Title:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Delivery Method:** USPS



# Great Oaks WWTP

## May 22, 2018

by Allen, Benjamin (EEC)































MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HATTON  
COMMISSIONER

DIVISION OF WATER  
130 EAGLE NEST DR  
PADUCAH, KY, 42001

June 14, 2018

Allen Artis  
P.O. Box 431  
Benton, KY 42025

RE: Golden Acres Subd -- 2935  
Permit No.: KY0044164  
Marshall County, Kentucky  
Activity ID: CIN20180001


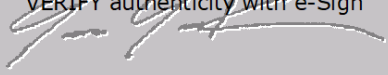
Dear Mr. Artis:

Attached for your information and records is a copy of the WW Routine-Minor Non-Municipal inspection performed at Golden Acres Subd. on May 29, 2018.

Please review this inspection report carefully, take note of any comments and address all deficiencies identified. A follow up inspection may be conducted to evaluate remedial measures.

If you have any questions or comments concerning this inspection, please contact the Paducah Regional Office at: (270) 898-8468.

Sincerely,

E-Signed by Jessie York  
VERIFY authenticity with e-Sign   


Jessie York  
Environmental Inspector  
Paducah Regional Office  
Division of Water

Enclosure: Inspection Report



Energy and Environment Cabinet  
Department for Environmental Protection  
Division of Water  
Wastewater Inspection Report

**AI ID:** 2935      **AI Type:** RESIDENCE- Subdivision (nec)  
**AI Name:** Golden Acres Subd  
**AI Address:** US 68

**City:** Sharpe, **State:** Kentucky **Zip:** 42025  
**County:** Marshall **Regional Office:** Paducah Regional Office  
**Latitude:** 36.972944 **Longitude:** -88.480861  
**Site Contact:** Allen Artis  
**Title:** Operator      **Phone #:** 270-205-1266  
**Inspection Type:** WW Routine-Minor Mun **Activity #:** CIN20180001  
**Incident IDs:**  
**Inspection Start Date:** May 29, 2018 **Time:** 01:00 PM **End Date:** May 29, 2018 **Time:** 02:00 PM  
**Site/Permit ID:** KY0044164

**Lead DEP Investigator:** Jessie York  
**Other DEP Investigators:**  
**External Investigators:**  
**Persons Interviewed:** Allen Artis

**General Comments:** This inspection was conducted to evaluate the facility's compliance with KPDES permit # KY0044164 which expires on 1/31/20. The facility's certified operator Allen Artis was interviewed via phone following the inspection.  
The facilities sludge return was not functioning at the time of this inspection. Solids were observed floating in the clarifier. 2017 - Present DMRs were reviewed. An effluent limitation violation for E. coli was reported during the first quarter of 2018.  
Sunken areas were observed around two manholes in the collection system. One at the corner of Kalee Dr. and Golden Acres Loop. The other at 8957 US HWY 68. These issues were discussed with Mr. Artis following the inspection. He plans to address both sites as soon as possible.

**Overall Compliance Status:** Out of Comp- Viol documented

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**Investigation Results**

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**SI:** AIOO2935

**SI Description:**

**Inspector Comment:**

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**Requirement:** Does the facility hold the proper KPDES permit?. [401 KAR 5:055 Section 2]

**Compliance Status:** C-No Violations observed

**Comment:** KY0044164

Expires: 1/31/20

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**Requirement:** Is the facility being operated under the supervision of a properly certified operator? [401 KAR 5:010 Section 1]. [401 KAR 5:010 Section 1]

**Compliance Status:** C-No Violations observed

**Comment:** Allen Artis

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**Requirement:** Is the collection system under the primary responsibility of an individual who holds an active collection system certification at the level appropriate for the size of the treatment facility receiving the waste? [401 KAR 5:010 Section 2]. [401 KAR 5:010 Section 2]

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**Compliance Status:** C-No Violations observed

**Comment:** Allen Artis

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**Requirement:** Is the facility being properly operated and maintained as specified in regulation 5:065? This includes:  
(a) proper operation and maintenance of all facilities, systems of treatment and control, and related appurtenances which are installed or used by the permittee to achieve compliance with permit conditions;

(b) proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures; (c) this provision also requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit. [401 KAR 5:065 Section 2(1)]. [401 KAR 5:065 Section 2(1)]

**Compliance Status:** I-No Violations obs-but impending viol trends obs

**Comment:** The sludge return was not functioning at the time of this inspection.

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**Requirement:** Are the disinfection unit(s) maintained and operated properly to allow for compliance with permit conditions? [401 KAR 5:005 Section 11]. [401 KAR 5:005 Section 11]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** The facility has failed to properly maintain and / or operate the disinfection unit.

An effluent limitation violation for E. coli was reported during the first quarter of 2018.

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**Requirement:** Have pollutants entered the waters of the Commonwealth? [KRS 224.70-110]. [KRS 224.70-110]

**Compliance Status:** C-No Violations observed

**Comment:**

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**Requirement:** Have surface waters been aesthetically or otherwise degraded? [401 KAR 10:031 Section 2]. [401 KAR 10:031 Section 2]

**Compliance Status:** C-No Violations observed

**Comment:**

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#### Documentation

**Photos taken**

**Documents obtained from facility**

**Samples taken by outside source**

**Request for Submission of Documents**

**Record of visual determination of opacity**

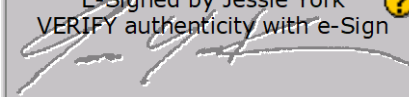
**Samples taken by DEP**

**Regional office instrument readings taken**

**Other documentation**

**Inspector:**

E-Signed by Jessie York  
VERIFY authenticity with e-Sign



**Date:** 6/25/18

**Received By:** \_\_\_\_\_ **Title:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Golden Acres Subd.

AI: 2935

KY0044164

by York, Jessie (EEC)

DEP DOW PRO

5/29/18



Fence with locked gate.



Aeration chamber



Clarifier



Contact chamber



Sludge return discharge









Sunken area around manhole. Corner of Golden Acres Loop and Kalee Dr.





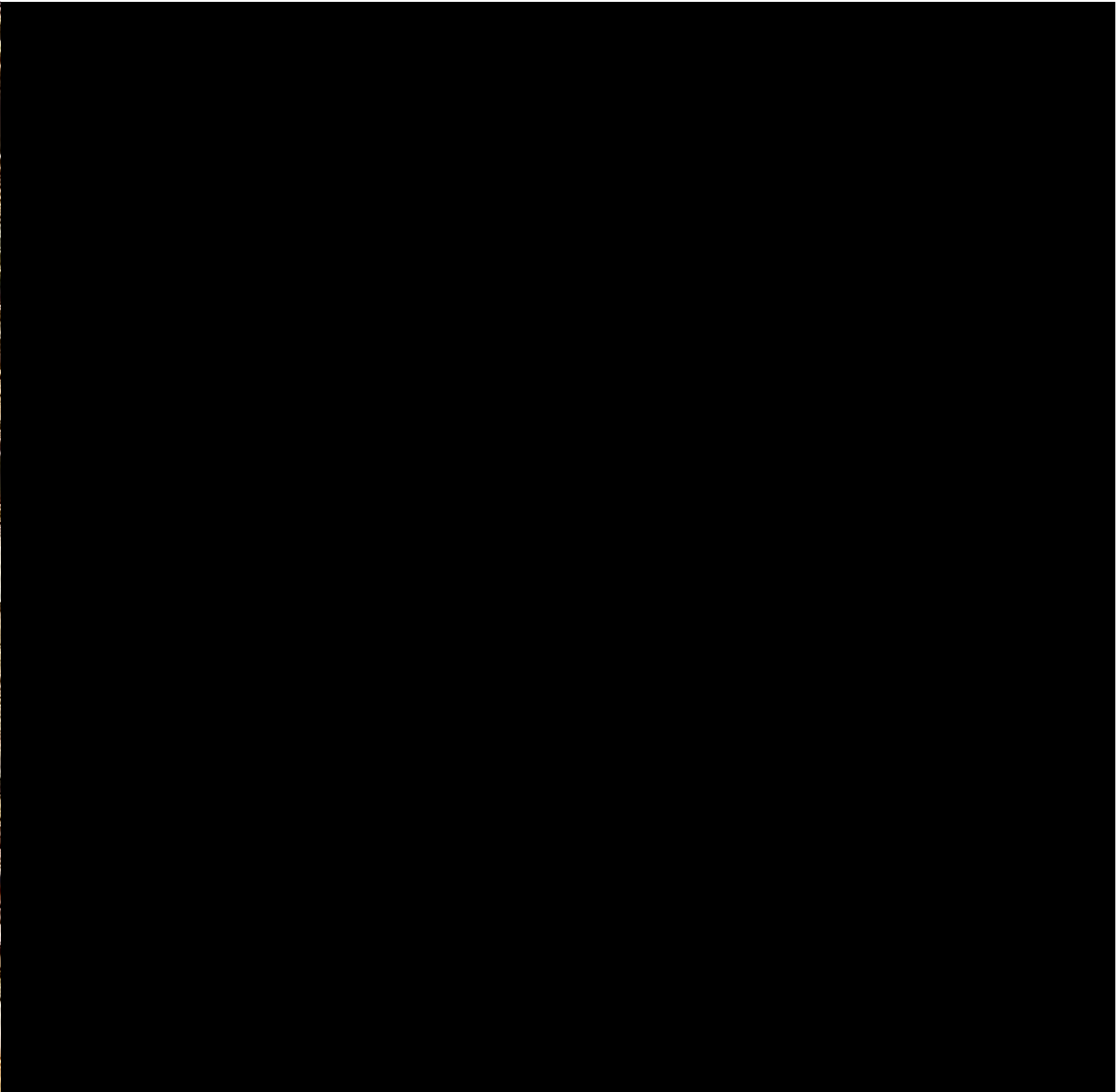


Sunken area near manhole.  
8957 US HWY 68.





Sunken area.







Manhole



Inside manhole

Energy and Environment Cabinet  
Department for Environmental Protection  
Division of Water  
Wastewater Inspection Report

**AI ID:** 3041      **AI Type:** RESIDENCE- Subdivision (nec)  
**AI Name:** Great Oaks Subd  
**AI Address:** Creek Side Dr  
**City:** Paducah, **State:** Kentucky **Zip:** 42001  
**County:** McCracken **Regional Office:** Paducah Regional Office  
**Latitude:** 36.97991    **Longitude:** -88.64363  
**Site Contact:** Allen Artis  
**Title:** owner/ operator **Phone #:**  
**Inspection Type:** WW Routine-Min Nmun **Activity #:** CIN20180005  
**Inspection Start Date:** June 4, 2018 **Time:** 09:56 AM **End Date:** June 4, 2018 **Time:** 09:56 AM  
**Site/Permit ID:** KY0080845

**Lead DEP Investigator:** Benjamin Allen  
**Other DEP Investigators:** Jessie York  
**Persons Interviewed:** Allen Artis

**General Comments:**

On June 4, 2018, a follow up inspection was conducted at The Great Oaks Subdivision WWTP. This inspection was conducted as a follow up to assess the status of multiple ongoing issues at the plant. During this inspection the owner/ operator Mr. Allen Artis was not present. The package plant was observed and the discharge was noted, although the plant is not to be discharging at this time in accordance with the Interim Agreed Order. The tank that has been leaking and repaired area is showing evidence of further leaking indicating the repairs made have not been successful. Mr. Artis stated in his weekly update that the tank was repaired and planned to return the tank to service. Also plans to conduct repairs on the beams that have rusted completely, no repairs have been conducted on the support beams inside the tank, or on the gap between the tanks.

The Aeration Basin is operating properly, however there are clumps of solids floating in the tank. The return sludge from the clarifier to the aeration basin had been repaired and is in operation. The Clarifier has large solid clumps floating on the surface and those are spilling over into the chlorine contact chamber and through the discharge. The area surrounding the plant still shows signs of holding septic water from the initial leaks. Solids from sewage are in multiple locations around the package plant. The Potable water line at the plant is still leaking and keeping the ground saturated where the solids from the overflow are on the ground. Any questions regarding this report please contact the Paducah Regional Office at 270-898-8468

**Overall Compliance Status:** Out of Comp- Viol documented

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**Investigation Results**

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**SI:** AIOO3041

**SI Description:**

**Inspector Comment:**

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**Requirement:** Does the facility hold the proper KPDES permit?. [401 KAR 5:055 Section 2]

**Compliance Status:** I-No Violations obs-but impending viol trends obs

**Comment:** A renewal application has been submitted. Permittee has failed to comply with a 15 day Notice of Deficiency at this time.

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MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HATTON  
COMMISSIONER

DIVISION OF WATER  
130 EAGLE NEST DR  
PADUCAH, KY, 420039435

June 11, 2018

Allen Artis  
Great Oaks Subd  
1303 Pugh School Rd.  
Benton, Kentucky 42001

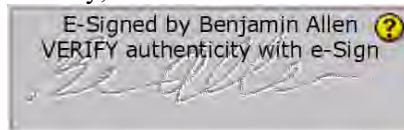
RE: Great Oaks Subd -- 3041  
Permit No.: KY0080845  
McCracken County, Kentucky  
Activity ID: CIN20180005

Dear Mr. Artis:

Attached for your information and records is a copy of the WW Routine-Min Nmun performed at Great Oaks Subd on June 4, 2018.

If you have any questions or comments concerning this inspection, please contact the Paducah Regional Office at: (270) 898-8468.

Sincerely,



Benjamin Allen  
Environmental Inspector  
Paducah Regional Office  
Division of Water

Enclosure:



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**Requirement:** Is the facility being operated under the supervision of a properly certified operator? [401 KAR 5:010 Section 1]. [401 KAR 5:010 Section 1]

**Compliance Status:** C-No Violations observed

**Comment:** Allen Artis

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**Requirement:** Is the collection system under the primary responsibility of an individual who holds an active collection system certification at the level appropriate for the size of the treatment facility receiving the waste? [401 KAR 5:010 Section 2]. [401 KAR 5:010 Section 2]

**Compliance Status:** C-No Violations observed

**Comment:** Allen Artis

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**Requirement:** Is the facility being properly operated and maintained as specified in regulation 5:065? This includes: (a) proper operation and maintenance of all facilities, systems of treatment and control, and related appurtenances which are installed or used by the permittee to achieve compliance with permit conditions; (b) proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures; (c) this provision also requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit. [401 KAR 5:065 Section 2(1)]. [401 KAR 5:065 Section 2(1)]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** The facility is not being properly operated and maintained as required. Facility still has numerous O&M problems. Facility has entered into an interim Agreed Order with DENF. One of the tanks on the package plant is leaking. One wall is at risk of failing internally and had a patch of severe erosion. Beams inside the empty tank are buckled. The aeration basin is operating properly, but there are still large clumps of solids floating.

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**Requirement:** Are the disinfection unit(s) maintained and operated properly to allow for compliance with permit conditions? [401 KAR 5:005 Section 11]. [401 KAR 5:005 Section 11]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** The facility has failed to properly maintain and / or operate the disinfection unit. 2 chlorine tablets are present. Ecoli Sample results are above the permitted limits.

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**Requirement:** Have pollutants entered the waters of the Commonwealth? [KRS 224.70-110]. [KRS 224.70-110]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** Pollutants have entered and contributed to the pollution of the waters of the Commonwealth. Discharge was flowing, fairly clear however still solids leaving the chlorine contact chamber. Facility is under an Interim Agreed Order and not to be discharging at this time.

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**Requirement:** Have surface waters been aesthetically or otherwise degraded? [401 KAR 10:031 Section 2]. [401 KAR 10:031 Section 2]

**Compliance Status:** D-Out of Compliance-Violations Documented

**Comment:** The waters of the Commonwealth have been degraded. Facility is under an Interim Agreed Order and not to be discharging at this time. There is a small discharge at the time of this inspection.

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**Requirement:** Is the facility in compliance with the reporting requirements for spills, bypasses and other releases to the environment? [401 KAR 5:015 Section 2]

**Compliance Status:** C-No Violations observed

**Comment:** There was no evidence of new overflow or bypasses, observed during this inspection however there was no evidence of an attempt to clean up the residual, left from previous overflows.

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**Requirement:** Has fencing with a lockable gate been installed around the wastewater treatment plant? [401 KAR 5:005 Section 10(7)]

**Compliance Status:** C-No Violations observed

**Comment:** Mr. Artis has had the gate repaired and plans to add Barbed wired to the top to discourage any one from climbing it.

---

**Requirement:** Has an all-weather access road been installed to allow access to the wastewater treatment plant? Is the road adequately maintained to allow access to the facility for operation and maintenance activity? [401 KAR 5:005 Section 10(8)]

**Compliance Status:** C-No Violations observed

**Comment:** The collapsed culvert has been repaired, and fresh gravel has been applied to the access road.

---

**Requirement:** Sewage sludge. Did the facility meet the requirements governing the disposal of sewage sludge from publicly owned treatment works, in accordance with 40 CFR Part 503? [401 KAR 5:065 Section 2(4)]

**Compliance Status:** C-No Violations observed

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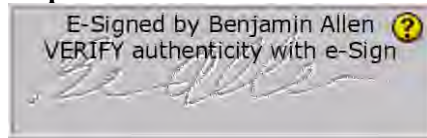
**Comment:** AAA septic hauler is hauling waste from the plant. Mr. Artis is maintaining documentation of the quantity removed daily.

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**Documentation**

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> <b>Photos taken</b>             | <input type="checkbox"/> Record of visual determination of opacity |
| <input type="checkbox"/> <b>Documents obtained from facility</b>    | <input type="checkbox"/> <b>Samples taken by DEP</b>               |
| <input type="checkbox"/> <b>Samples taken by outside source</b>     | <input type="checkbox"/> Regional office instrument readings taken |
| <input type="checkbox"/> <b>Request for Submission of Documents</b> | <input type="checkbox"/> <b>Other documentation</b>                |

**Inspector:**



**Date:** June 11, 2018

**Received By:** \_\_\_\_\_ **Title:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Delivery Method:** USPS

AI# 3041  
Great Oaks wwtp  
June 4, 2018  
by Allen, Benjamin (EEC)



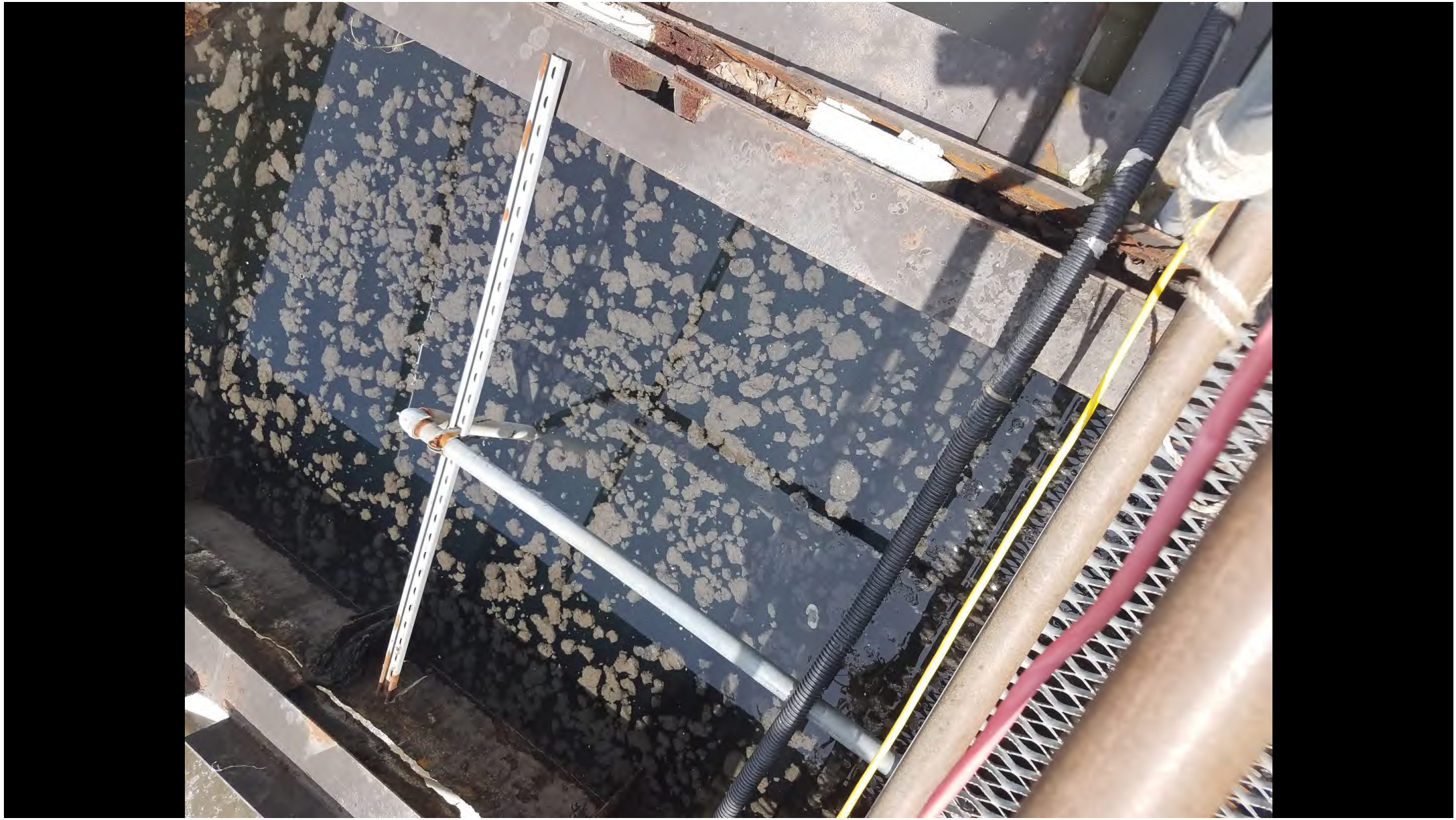










































Energy and Environment Cabinet  
Department for Environmental Protection  
Division of Water  
Wastewater Inspection Report

**AI ID:** 3041      **AI Type:** RESIDENCE- Subdivision (nec)  
**AI Name:** Great Oaks Subd  
**AI Address:** Creek Side Dr

**City:** Paducah, **State:** Kentucky **Zip:** 42001  
**County:** McCracken **Regional Office:** Paducah Regional Office  
**Latitude:** 36.97991 **Longitude:** -88.64363  
**Site Contact:** Allen Artis  
**Title:** Owner **Phone #:** 270-205-1266  
**Inspection Type:** WW Routine-Min Nmun **Activity #:** CIN20180006  
**Incident IDs:**  
**Inspection Start Date:** June 21, 2018 **Time:** 10:00 AM **End Date:** June 21, 2018 **Time:** 11:00 AM  
**Site/Permit ID:** KY0080845

**Lead DEP Investigator:** Jessie York  
**Other DEP Investigators:**  
**External Investigators:**  
**Persons Interviewed:** Allen Artis; Ted Meriwether

**General Comments:** This Inspection was conducted to observe and evaluate the sampling procedures utilized by Mr. Artis to fulfill the monitoring requirements of KPDES permit number KY0080845. Mr. Ted Meriwether with Microbac was on site to conduct field parameter sampling and receive the samples collected by Mr. Artis. A composite sampler is not being used to collect the 24-Hr composite samples. Mr. Artis stated that samples were collected in 500 ml aliquots throughout a series of 3 site visits. From 12:00pm - 2:00pm and 6:00pm - 7:30pm on 6/20/18; then again from 7:30am - 10:00am on 6/21/18. This method is also being used at all other facilities he operates. The method being used does not meet the definition of a 24-hr Composite Sample defined in section 3 of the facilities permit.

A Notice of Violation will be issued for failure to use adequate sample collection procedures.

**Overall Compliance Status:** Out of Compliance- NOV

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**Investigation Results**

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**SI:** AIOO3041

**SI Description:**

**Inspector Comment:**

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**Requirement:** Are the facility sample collection procedures adequate? Are the samples collected in proper containers, preserved, and refrigerated properly? Are all samples analyzed within the allowed holding times? [401 KAR 5:065 Section 2(1)]

**Compliance Status:** V-Out of Compliance-NOV

**Comment:** The composite sampling method being used does not meet the definition of a 24-hr Composite Sample defined in section 3 of the facilities permit.

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**Documentation**

**Photos taken**

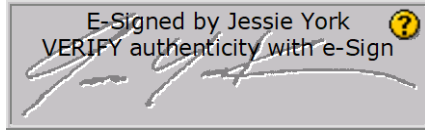
**Documents obtained from facility**

**Record of visual determination of opacity**

**Samples taken by DEP**

- Samples taken by outside source
- Request for Submission of Documents

- Regional office instrument readings taken
- Other documentation



**Inspector:**

**Date:** 7/25/18

**Received By:** \_\_\_\_\_ **Title:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Delivery Method:** Certified Mail

**Certified Mail Number:** 7014 0510 0002 3570 6368

Great Oaks Subd.

AI: 3041

KY0080845

by York, Jessie (EEC)

6/19/19



Staining in the receiving stream



WW treatment  
plant



Aeration basin





Clarifier





Lift station full of solids



Lift station



Manhole at 5730  
Majestic Oak Drive



Manhole at 5730 Majestic  
Oak Drive



Discharge from the  
manhole at 5730  
Majestic Oak Drive

# Great Oaks Subdivision

AI: 3041

KY0080845

by York, Jessie (EEC)

6/21/18





Discharge



Discharge missing with receiving waters.



WW treatment plant





Sludge return



YJ(1

Aeration chamber

Slide 7

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YJ(1) York, Jessie (EEC), 7/3/2018



Aeration chamber





Solid mass in aeration chamber



Solid mass in aeration chamber



Solids floating in the clarifier



Cl2 tablets in place



Contact chamber discharge



Crack in the foundation of the treatment plant