



Tennessee Wastewater Systems, Inc.
Docket 15-00025
September 2016 Report Overview

Systems subject to Notice of Violations and other Corrective Orders:

Starr Crest I (NOV) – Repairs made; As built drawings provided to TDEC as requested; TWSI and TDEC are discussing arrangements for TDEC to inspect the site to determine the adequacy of the as built drawings previously provided to the department.

Starr Crest II (NOV) – Repairs made; awaiting inspection by TDEC – Awaiting TDEC approval of new plans and permit. TWSI and HOA working out financing arrangements.

Smoky Village (NOV) – Part of 14-00136 Docket – TDEC will inspect once system upgrades are complete.

Townsend Square (NOV) – Repairs made; As built drawings provided to TDEC as requested; TWSI and TDEC are discussing arrangements for TDEC to inspect the site to determine the adequacy of the as built drawings previously provided to the department.

Summit View – Part of the 14-00136 Docket – Awaiting final permit issuance (draft permit issued in December 2015). TDEC will inspect once system upgrades are complete.

Cedar Hill – Part of the 14-00136 Docket

Maple Green (NOV) – Part of the 14-00136 Docket – TDEC will inspect once system upgrades are complete.

Smoky Cove (NOV) – Received a NOV on August 8 alleging ponding and overflow in the drip field. TWSI is investigating the alleged violations and will respond in a timely manner.

- NOTE – The Authority approved the Joint Motion to Open a New Docket in Docket 14-00136. Summit View remains in that docket and a new docket will be opened for purposes of resolving the issues at Maple Green, Cedar Hill, and Smoky Village.

Jeff Ridsen

From: HAWKMS Agent <agent@hawkms.com>
Sent: Thursday, September 1, 2016 10:50 PM
To: Charles Hyatt; Brian Carter; Roy Denney
Cc: Jeff Ridsen; Bob Pickney; Matt Pickney
Subject: TRA KPI Compliance Report for 9/1/2016 10:50:08 PM

TRA Flow KPI Report for 8/31/2016

Tracy Nichols	Permitted	Expected	Actual	% of Expected	AvgFlow	% of
Cedar Hill DCP	75000	18036	0	0.00	1.30	
Maple Green DCP	74000	39748	40990	1.03	42968.33	

Tony Smith	Permitted	Expected	Actual	% of Expected	AvgFlow	% of
Swan Harbour RSF	15800	1575	1930	1.23	1925.70	
Tall Oaks RSF	45000	11900	10430	0.88	9595.67	

Stone Hanson	Permitted	Expected	Actual	% of Expected	AvgFlow	% of
Smoky Cove BC	40000	8925	27967	3.13	79518.70	

Jeremy Stewart	Permitted	Expected	Actual	% of Expected	AvgFlow	% of
Starr Crest I RSF	8000	2275	2171	0.95	3934.17	
Starr Crest II BC	28000	25550	12593	0.49	14541.00	
Summit View RSF	8000	5775	7170	1.24	8390.00	



TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION
DIVISION OF WATER RESOURCES
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue
Nashville, TN 37243

August 5th, 2016

CERTIFIED MAIL
7014 2870 0001 3663 8877

Mr. Charles Hyatt, President
Tennessee Wastewater Systems, Inc.
e-copy: charles.hyatt@adenus.com
849 Aviation Pkwy.
Smyrna, TN 37167

Re: Notice of Violation
Compliance Inspection
Tennessee Wastewater Systems, Inc.
Smokey Cove Subdivision
UIC sev 0000024 SOP03021
Sevier County

Mr. Hyatt,

On July 26th, 2016 I conducted a compliant investigation of the Smokey Cove Subdivision. My observations and comments are as follows: The drip field was saturated with treated wastewater ponding and overflowing from the site to a drain towards Nichols Branch.

Ponding and overflow from the site is a violation of your State Operation permit, and of the Water Quality Control Act. This letter will serve to formally notify you of these violations as identified on the above-listed dates and by copy will inform our Enforcement Section of the violations. This NOV is not a legal action in itself, but such violations may lead to enforcement action.

You are requested to immediately take actions to prevent continued overflow from the drip field. In addition you are to provide a written response to this office within thirty (30) days of receipt of this letter outlining corrective actions necessary, immediate corrective actions taken and expected timeline to implement corrections.

Mr. Charles Hyatt
Tennessee Wastewater Systems, Inc.
August 5th, 2016
Page 2

If you have any questions or need further assistance, please contact Michael Caudill by phone at 865-594-5476 or 865-617-0682

Sincerely,

A handwritten signature in cursive script that reads "Michael Caudill".

Michael Caudill
Division of Water Resources

cc:

DWR – Jessica Murphy, Compliance & Enforcement Section
DWR – Allen Rather, Land Based Unit, Central Office

Jeff Ridsen

From: Brad Harris <Brad.Harris@tn.gov>
Sent: Tuesday, August 30, 2016 6:53 AM
To: Jeff Ridsen
Cc: George Bell
Subject: RE: Smoky Cove

Jeff,

The complaint was made through the Commissioner's office. I sent George the emails I had on it. I'll copy him on your request.

Thanks,
Brad

From: Jeff Ridsen [mailto:Jeff.Ridsen@Adenus.com]
Sent: Monday, August 29, 2016 6:25 PM
To: Brad Harris
Subject: Smoky Cove

*** This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. - STS-Security***

Brad -

TWSI is working its response to the NOV issued for Smoky Cove. Michael Caudill said the inspection was made in response to a complaint about the site. Can you forward me a copy of the complaint?

Regards,

Jeff

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Jeff Ridsen

From: Michael Caudill <Michael.Caudill@tn.gov>
Sent: Monday, August 29, 2016 5:55 PM
To: Jeff Ridsen
Subject: RE: TWSI Smoky Cove NOV
Attachments: IMG_0023.JPG; IMG_0026.JPG

these are pictures to the left of the gate

From: Jeff Ridsen [Jeff.Ridsen@Adenus.com]
Sent: Monday, August 29, 2016 2:58 PM
To: Michael Caudill
Subject: TWSI Smoky Cove NOV

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Michael –

TWSI needs to respond to the NOV you issued for Smoky Cove by early next week. Can you provide me a copy of your inspection report, any field notes, and photos you took at the site? This information will allow us to respond timely and appropriately. Please let me know if you have any questions.

Kind regards,

Jeff



Jeff Ridsen
GENERAL COUNSEL

Adenus Group, LLC | 849 Aviation Pkwy, Smyrna, TN 37167
Direct: 615.220.7171 | Toll Free: 888.4.ADENUS Ext: 145 | Mobile: 615.691.2018 | Fax: 615.220.7207

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Jeff Ridsen

From: Michael Caudill <Michael.Caudill@tn.gov>
Sent: Monday, August 29, 2016 5:57 PM
To: Jeff Ridsen
Subject: RE: TWSI Smoky Cove NOV
Attachments: IMG_0027.JPG; Smokey Cove.doc

From: Jeff Ridsen [Jeff.Ridsen@Adenus.com]
Sent: Monday, August 29, 2016 2:58 PM
To: Michael Caudill
Subject: TWSI Smoky Cove NOV

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Michael –

TWSI needs to respond to the NOV you issued for Smoky Cove by early next week. Can you provide me a copy of your inspection report, any field notes, and photos you took at the site? This information will allow us to respond timely and appropriately. Please let me know if you have any questions.

Kind regards,

Jeff



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GENERAL COUNSEL

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Memo

To: File
From: Michael Caudill
Date: 7/27/2016
Re: Smokey Cove S/D, Sevier County

On 7/21/16 I received an n email from Brad Harris to investigate a complaint a Smokey cove s/d. On 7/29/16 I was able to visit the site of the drip field; I looked at the field to the left of the gate. The grass was high, and walking into the field the ground was saturated with effluent coming up around the bottom of my shoes. The surrounding properties were showing signs of drought stress, brown grass and yellowing leaves.







Jeff Ridsen

From: George Bell <George.Bell@tn.gov>
Sent: Friday, August 12, 2016 5:57 PM
To: Jeff Ridsen
Subject: RE: TWSI - Smoky Cove NOV

Jeff:

I've forwarded your request to the Division. I personally have not worked on this case. However, many, if not all, of the responsive documents that you would be entitled to (under Tenn. Code Ann. § 69-3-109(a)(2) after an Order/Complaint has issued) are already available to the public on line via Waterlog.

I hope this helps.

George



George S. Bell, III | Managing Counsel
Office of the General Counsel
Tennessee Tower, 2nd Floor
312 Rosa L. Parks Ave., Nashville, TN 37243
p. 615-741-3842 c. 615-906-6666
george.bell@tn.gov
tn.gov/environment
tnstateparks.com

From: Jeff Ridsen [<mailto:Jeff.Ridsen@Adenus.com>]
Sent: Thursday, August 11, 2016 3:53 PM
To: George Bell
Subject: TWSI - Smoky Cove NOV

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George –

TWSI received a NOV on August 8, 2016 as a result of an inspection conducted of the wastewater treatment facility at the Smoky Cove subdivision in East Tennessee on July 26, 2016 by Michael Caudill. In order to help prepare the response to the NOV I am requesting, pursuant to Tenn. Code Ann. § 69-3-109(a)(2), copies of any and all documents, reports, field notes, emails, texts, phone logs, photographs, and any other communications related to the investigation and violations alleged in the NOV. The response is required by September 7 so your prompt attention to this matter is greatly appreciated.

Kind regards,

Jeff



Jeff Ridsen

GENERAL COUNSEL

Adenus Group, LLC | 849 Aviation Pkwy, Smyrna, TN 37167

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Jeff Ridsen

From: Brad Harris <Brad.Harris@tn.gov>
Sent: Friday, August 5, 2016 9:43 AM
To: Jeff Ridsen
Cc: George Garden
Subject: Townsend Town Square and Star Crest

Jeff,

I spoke with George this morning about the As-builts we discussed yesterday. He and I are planning to get together and revisit the issue first of week. I will get with you as soon as we get something together.

Brad



Brad C Harris P.E.

Division of Water Resources / William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor / Nashville, Tennessee 37243
Direct (615) 532-5367 / Brad.Harris@tn.gov

Jeff Ridsen

From: Brad Harris <Brad.Harris@tn.gov>
Sent: Friday, August 12, 2016 11:46 AM
To: Jeff Ridsen
Subject: RE: FW: As built's required

Thanks Jeff.

Brad

From: Jeff Ridsen [mailto:Jeff.Ridsen@Adenus.com]
Sent: Friday, August 12, 2016 11:34 AM
To: Brad Harris
Cc: Roy Denney; George Garden; Charles Hyatt
Subject: Re: FW: As built's required

Thanks Brad. The as built's you attached are the last ones Roy submitted.

Thanks,
Jeff

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From: Brad Harris
Sent: Friday, August 12, 11:27 AM
Subject: FW: As built's required
To: Jeff Ridsen
Cc: Roy Denney, George Garden, Charles Hyatt

Jeff,

George and I are meeting this afternoon on the as-built's. I want to make sure these are the latest submittal. I'm not sure if Roy has submitted anything separately.

Thanks,

Brad

From: Brad Harris
Sent: Friday, August 05, 2016 9:45 AM
To: George Garden
Subject: FW: As built's required

Here are the as-builts Roy provided. I'll get with you early in the week.

From: Allen Rather
Sent: Friday, August 05, 2016 8:07 AM
To: Brad Harris
Subject: FW: As built's required

From: Brian Carter [Brian.Carter@Adenus.com]
Sent: Tuesday, May 10, 2016 8:31 AM
To: Allen Rather
Cc: Charles Hyatt; Jeff Risdien
Subject: As built's required

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Allen,

Attached are the as built's you all were needing for the sites we discussed. This should be all left to remove these from the TRA monthly report. Let me know if you need anything else?

Thank You,

Brian Carter
Operations & Maintenance Manager
Adenus Utilities Group
615.220.7179(v)
615.220.7207(f)

Jeff Ridsen

From: Brad Harris <Brad.Harris@tn.gov>
Sent: Tuesday, August 16, 2016 9:23 AM
To: Jeff Ridsen
Cc: George Garden; Charles Hyatt
Subject: RE: Townsend Town Square and Star Crest

Jeff,

Sorry I didn't get back with you Monday, I had to attend a funeral. I discussed the as-builts Friday with George. While the as-builts don't provide the detail expected, we are agreeable to move forward with inspections on these two sites in order to consider what system components are self-evident.

I assume I can email Charles and coordinate an inspection date. Either myself or George will conduct the inspection.

Hope this helps,
Brad



Brad C Harris P.E.

Division of Water Resources / William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor / Nashville, Tennessee 37243
Direct (615) 532-5367 / Brad.Harris@tn.gov

From: Jeff Ridsen [mailto:Jeff.Ridsen@Adenus.com]
Sent: Friday, August 05, 2016 9:48 AM
To: Brad Harris
Cc: George Garden
Subject: RE: Townsend Town Square and Star Crest

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Brad –

Thank you. I appreciate you and George revisiting this.

Kind regards,

Jeff

Jeff Ridsen

GENERAL COUNSEL

Adenus Group, LLC | 849 Aviation Pkwy, Smyrna, TN 37167

Direct: 615.220.7171 | Toll Free: 888.4.ADENUS Ext: 145 | Mobile: 615.691.2018 | Fax: 615.220.7207

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From: Brad Harris [<mailto:Brad.Harris@tn.gov>]

Sent: Friday, August 5, 2016 9:43 AM

To: Jeff Risdien <Jeff.Risdien@Adenus.com>

Cc: George Garden <George.Garden@tn.gov>

Subject: Townsend Town Square and Star Crest

Jeff,

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Brad



Brad C Harris P.E.

Division of Water Resources / William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor / Nashville, Tennessee 37243
Direct (615) 532-5367 / Brad.Harris@tn.gov

Jeff Ridsen

From: Brad Harris <Brad.Harris@tn.gov>
Sent: Tuesday, August 16, 2016 10:10 AM
To: Charles Hyatt; Jeff Ridsen
Cc: George Garden
Subject: RE: Townsend Town Square and Star Crest

Charles,

Give me a day or two to get my schedule sorted out and check George Garden's availability. I don't really know what days I'm open until Jeff and George Bell finalize the deposition schedule. At any rate, I would assume we will be able to do the inspections in the next couple weeks.

Thanks,
Brad

From: Charles Hyatt [mailto:Charles.Hyatt@Adenus.com]
Sent: Tuesday, August 16, 2016 9:25 AM
To: Brad Harris; Jeff Ridsen
Cc: George Garden
Subject: RE: Townsend Town Square and Star Crest

Brad,

Just let us know the date and time and we will accommodate at your convenience.

Thanks
Charles

From: Brad Harris [mailto:Brad.Harris@tn.gov]
Sent: Tuesday, August 16, 2016 9:23 AM
To: Jeff Ridsen <Jeff.Ridsen@Adenus.com>
Cc: George Garden <George.Garden@tn.gov>; Charles Hyatt <Charles.Hyatt@Adenus.com>
Subject: RE: Townsend Town Square and Star Crest

Jeff,

Sorry I didn't get back with you Monday, I had to attend a funeral. I discussed the as-builts Friday with George. While the as-builts don't provide the detail expected, we are agreeable to move forward with inspections on these two sites in order to consider what system components are self-evident.

I assume I can email Charles and coordinate an inspection date. Either myself or George will conduct the inspection.

Hope this helps,
Brad



Brad C Harris P.E.

Division of Water Resources / William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor / Nashville, Tennessee 37243
Direct (615) 532-5367 / Brad.Harris@tn.gov

From: Jeff Riden [<mailto:Jeff.Riden@Adenus.com>]
Sent: Friday, August 05, 2016 9:48 AM
To: Brad Harris
Cc: George Garden
Subject: RE: Townsend Town Square and Star Crest

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Brad –

Thank you. I appreciate you and George revisiting this.

Kind regards,

Jeff



Jeff Riden

GENERAL COUNSEL

Adenus Group, LLC | 849 Aviation Pkwy, Smyrna, TN 37167
Direct: 615.220.7171 | Toll Free: 888.4.ADENUS Ext: 145 | Mobile: 615.691.2018 | Fax: 615.220.7207

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From: Brad Harris [<mailto:Brad.Harris@tn.gov>]
Sent: Friday, August 5, 2016 9:43 AM
To: Jeff Riden <Jeff.Riden@Adenus.com>
Cc: George Garden <George.Garden@tn.gov>
Subject: Townsend Town Square and Star Crest

Jeff,

I spoke with George this morning about the As-builts we discussed yesterday. He and I are planning to get together and revisit the issue first of week. I will get with you as soon as we get something together.

Brad



Department of
**Environment &
Conservation**

Brad C Harris P.E.

Division of Water Resources / William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor / Nashville, Tennessee 37243
Direct (615) 532-5367 / Brad.Harris@tn.gov

Jeff Ridsen

From: Roy Denney
Sent: Thursday, September 1, 2016 3:33 PM
To: Jeff Ridsen
Subject: FW: Starr Crest II

From: Roy Denney
Sent: Monday, August 08, 2016 11:44 AM
To: 'George Garden' <George.Garden@tn.gov>
Subject: RE: Starr Crest II

That'll work

From: George Garden [<mailto:George.Garden@tn.gov>]
Sent: Monday, August 08, 2016 11:44 AM
To: Roy Denney <Roy.Denney@Adenus.com>
Subject: RE: Starr Crest II

How about I call you about 3:30 after some meetings are over.

From: Roy Denney [<mailto:Roy.Denney@Adenus.com>]
Sent: Monday, August 08, 2016 10:56 AM
To: George Garden
Subject: Starr Crest II

George,

Is there a good time to discuss some of your requirements for Starr Crest II? I want to be sure we have all the information you've requested.

Thanks,

Roy

Jeff Ridsen

From: Charles Hyatt
Sent: Friday, August 12, 2016 10:51 AM
To: Bob Pickney; Jeff Ridsen
Subject: FW: SOP Signed Modified draft and public notice
Attachments: SOP-00019_Modificatio_Starr Crest_Draft_Drip_Irrigation_Permit 2016.pdf; MMXVI-015-PublicNotice-08-08-16.pdf

From: Hari Akunuri [mailto:Hari.Akunuri@tn.gov]
Sent: Friday, August 12, 2016 10:49 AM
To: Charles Hyatt <Charles.Hyatt@Adenus.com>
Cc: Michelle Ramsey <Michelle.Ramsey@tn.gov>; Patsy Fulton <Patsy.Fulton@tn.gov>; Brad Harris <Brad.Harris@tn.gov>; John West <John.West@tn.gov>
Subject: SOP Signed Modified draft and public notice

All,

The attachments are the Draft Permit and the Public Notice document. If you have trouble opening them, please let me know. We do not plan to send out paper copies unless you instruct us otherwise. If you have any corrections, comments or questions, please contact me.

Please consider saving a copy of this email for your records.



Hari Akunuri
TDEC/DWR
William R. Snodgrass Tennessee Towers
312 Rosa L. Park Avenue, 11th Floor
Nashville, TN 37243
Email: Hari.Akunuri@tn.gov
Office: (615)532-0650
Fax: (615)532-0683

We accept and encourage electronic document submittals.



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES
William R. Snodgrass - Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243-1102

August 12, 2016

Mr. Charles R. Hyatt
CEO
Adenus Group, LLC
e-copy: Charles.Hyatt@adenus.com
849 Aviation Parkway
Smyrna, TN 37167

Subject: **Draft of State Operating Permit No. SOP-00019
TN Wastewater Systems - Starr Crest Resort
Pigeon Forge, Sevier County, Tennessee**

Dear Mr. Hyatt:

Enclosed please find one copy of the draft state operating permit, which the Division of Water Resources (the division) proposes to issue. The issuance of this permit is contingent upon your meeting all of the requirements of the Tennessee Water Quality Control Act and the rules and regulations of the Tennessee Water Quality Control Board.

If you disagree with the provisions and requirements contained in the draft permit, you have thirty (30) days from the date of this correspondence to notify the division of your objections. If your objections cannot be resolved, you may appeal the issuance of this permit. This appeal should be filed in accordance with Section 69-3-110, Tennessee Code Annotated.

If you have questions, please contact the Knoxville Environmental Field Office at 1-888-891-TDEC; or, at this office, please contact Mr. Hari Akunuri at (615) 532-0650 or by E-mail at Hari.Akunuri@tn.gov.

Sincerely,

Brad C. Harris, P.E.
Manager, Land-Based Systems

Enclosure

cc: Permit File
Knoxville Environmental Field Office
Ms. Michelle Ramsey, Utilities Division, Tennessee Regulatory Authority, michelle.ramsey@tn.gov
Ms. Patsy Fulton, Utility Rate Specialist, Tennessee Regulatory Authority, Patsy.Fulton@tn.gov

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES
6th Floor, L & C Annex
401 Church Street
Nashville, TN 37243**

Modification

Permit No. SOP-00019

**PERMIT
For the operation of Wastewater Treatment Facilities**

In accordance with the provision of Tennessee Code Annotated section 69-3-108 and Regulations promulgated pursuant thereto:

PERMISSION IS HEREBY GRANTED TO

**TN Wastewater Systems, Inc. - Starr Crest Resort
Pigeon Forge, Sevier County, Tennessee**

FOR THE OPERATION OF

Septic tanks, effluent collection system, recirculating sand filter and drip irrigation system located at latitude 35.798611 and longitude -83.511111 in Sevier County, Tennessee to serve approximately 30 units in the Starr Crest Resort. The design capacity of the system is .008 MGD.

This permit is issued as a result of the application filed on April 29, 2013, in the office of the Tennessee Division of Water Resources and in conformity with approved plans, specifications and other data submitted to the Department in support of the above application, all of which are filed with and considered as a part of this permit, together with the following named conditions and requirements.

This permit shall become effective on:

This permit shall expire on: June 30, 2018

Issuance date:

**for Tisha Calabrese Benton
Director**

CN-0759

RDAs 2352 & 2366

A. GENERAL REQUIREMENTS

The treatment system shall be monitored by the permittee as specified below:

<u>Parameter</u>	<u>Sample Type</u>	<u>Daily Maximum</u>	<u>Monthly Average</u>	<u>Measurement Frequency</u>
Flow *	Totalizer			Daily
BOD ₅	Grab	45 mg/l	N/A	Once/Year
Ammonia as N	Grab	Report	N/A	Once /Quarter

* Report average daily flow for each calendar month.

Sampling requirements in the table above apply to effluent being discharged to the drip irrigation plots.

This permit allows the operation of a wastewater drip irrigation system. There shall be no discharge of wastewater to any surface stream or any location where it is likely to enter surface waters. There shall be no discharge of wastewater to any open throat sinkhole. In addition, the drip irrigation system shall be operated in a manner preventing the creation of a health hazard or a nuisance.

Instances of ponding or pools under dry weather conditions shall be promptly investigated and remedied. Instances of ponding or pools, or any wastewater runoff shall be noted on the monthly operation report. The report shall include details regarding the location(s), determined cause(s), the actions taken to eliminate the ponding or pools, or any wastewater runoff, and the dates the corrective actions were made. Any wastewater runoff due to improper operation must be reported in writing to the Division of Water Resources, Knoxville Environmental Field Office within 5 days of discovery by the permittee.

All drip fields shall be fenced sufficiently to prevent or impede unauthorized entry as well as to protect the facility from vandalism. Fencing shall be a minimum of four feet in height. Fencing shall be constructed of durable materials. Gates shall be designed and constructed in a manner to prevent or impede unauthorized entry. All designs are subject to division approval. Fence shall be installed prior to beginning of operation.

The site shall be inspected by the certified operator or his/her designee, at a minimum, once per fourteen days (default) OR in accordance with an operating and maintenance inspection schedule in the permit administrative file record. The default inspection frequency will apply if an operating and maintenance inspection schedule is not submitted to be a part of the permit administrative file record. The operating and maintenance inspection schedule shall at a

minimum evaluate the following via onsite visits or telemetry monitoring or a combination of the two:

- the condition of the treatment facility security controls (doors, fencing, gates, etc.),
- the condition of the drip area security controls (doors, fencing, gates, etc.),
- the condition of the site signage,
- the operational status of the mechanical parts of the treatment system (pumps, filters, telemetry equipment, etc.)
- the condition of the UV bulbs (if applicable)

Submission of the schedule, or revisions to the schedule, may be submitted to the division electronically. The schedule shall be submitted on or before the effective date of the permit. The permittee is responsible for maintaining evidence that the schedule, or revisions, have been submitted to the division.

B. MONITORING PROCEDURES

1. Representative Sampling

Samples and measurements taken in compliance with the monitoring requirements specified above shall be representative of the volume and nature of the monitored discharge, and shall be taken at the following location(s):

Effluent to drip irrigation plots.

2. Test Procedures

Unless otherwise noted in the permit, all pollutant parameters shall be determined according to methods prescribed in Title 40, CFR, Part 136.

C. DEFINITIONS

The "daily maximum concentration" is a limitation on the average concentration, in milligrams per liter, of the discharge during any calendar day.

The "**monthly average concentration**", other than for *E. coli* bacteria, is the arithmetic mean of all the composite or grab samples collected in a one-calendar month period.

A "grab sample" is a single influent or effluent sample collected at a particular time.

For the purpose of this permit, "**continuous monitoring**" means collection of samples using a probe and a recorder with at least one data point per dosing cycle.

A "quarter" is defined as any one of the following three-month periods: January 1 through March 31, April 1 through June 30, July 1 through September 30, and/or October 1 through December 31.

D. REPORTING

1. Monitoring Results

Monitoring results shall be recorded monthly OR in accordance with the operating and maintenance inspection schedule in the permit administrative file record and submitted quarterly. The quarterly report shall detail the following:

Submittals shall be postmarked no later than 15 days after the completion of the reporting period. A copy should be retained for the permittee's files. Operation reports and any communication regarding compliance with the conditions of this permit must be sent to:

Division of Water Resources
Knoxville Environmental Field Office
3711 Middlebrook Pike
Knoxville, TN 37921

The first operation report is due on the 15th of the month following the quarter containing the permit effective date. Until the construction of the treatment system is complete and the treatment system is placed into operation, operational reports shall report "monitoring not required".

2. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in 1200-4-5-.07(4)(h)2, the results of such monitoring shall be included in the calculation and reporting of the values required in the Quarterly Operation Report. Such increased frequency shall also be indicated.

3. Falsifying Reports

Knowingly making any false statement on any report required by this permit may result in the imposition of criminal penalties as provided for in Section 69-3-115 of the Tennessee Water Quality Control Act.

4. Signatory Requirement

All reports or information submitted to the commissioner shall be signed and certified by the persons identified in Rules 1200-4-5-.05(6)(a-c).

E. SCHEDULE OF COMPLIANCE

Full operational level shall be attained after the construction of the treatment system is complete and the treatment system is placed into operation.

PART II

A. GENERAL PROVISIONS

1. Duty to Reapply

The permittee is not authorized to discharge after the expiration date of this permit. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit such information and forms as are required to the Director of Water Resources (the "Director") no later than 180 days prior to the expiration date.

2. Right of Entry

The permittee shall allow the Director, or authorized representatives, upon the notification of permittee and presentation of credentials:

a. To enter upon the permittee's premises where an effluent source is located or where records are required to be kept under the terms and conditions of this permit, and at reasonable times to copy these records;

b. To inspect at reasonable times any monitoring equipment or method or any collection, treatment, pollution management, or discharge facilities required under this permit; and

c. To sample at reasonable times any discharge of pollutants.

3. Availability of Reports

All reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Division of Water Resources.

4. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems (and related appurtenances) for collection and treatment which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance also includes adequate laboratory and process controls and appropriate quality assurance procedures. This provision requires the operation of backup 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. Backup continuous pH and flow monitoring equipment are not required.

The monitoring frequency stated in this permit shall not be construed as specifying a minimum level of operator attention to the facility. It is anticipated that visits to the treatment facility by the operator will occur at intervals frequent enough to assure proper operation and maintenance, but in no case less than one visit every fourteen days OR in accordance with an operating and maintenance inspection schedule in the permit administrative file record. If monitoring reports, division's inspection reports, or other information indicates a problem with the facility, the permittee may be subject to enforcement action and/or the permit may be modified to include increased parameter monitoring, increased monitoring frequency or other requirements as deemed necessary by the division to correct the problem. The permittee shall ensure that the certified operator is in charge of the facility and observes the operation of the system frequently enough to ensure its proper operation and maintenance regardless of the monitoring frequency stated in the permit

Dilution water shall not be added to comply with effluent requirements.

The drip dispersal area shall not be used for vehicular traffic or vehicular parking. Dozers, trucks, tractors, and other heavy vehicles shall not be allowed to run over the drip dispersal area lines or other parts of the system.

5. Property Rights

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.

6. Severability

The provisions of this permit are severable. If any provision of this permit due to any circumstance, is held invalid, then the application of such provision to other circumstances and to the remainder of this permit shall not be affected thereby.

7. Other Information

If the permittee becomes aware that he failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, then he shall promptly submit such facts or information.

B. CHANGES AFFECTING THE PERMIT

1. Planned Changes

The permittee shall give notice to the Director as soon as possible of any planned physical alterations or additions to the permitted facility.

2. Permit Modification, Revocation, or Termination

a. This permit may be modified, revoked and reissued, or terminated for cause as described in section 69-108-(F) The Tennessee Water Quality Control Act as amended.

b. The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

3. Change of Ownership

This permit may be transferred to another person by the permittee if:

a. The permittee notifies the Director of the proposed transfer at least 30 days in advance of the proposed transfer date;

b. The notice includes a written agreement between the existing and new permittees containing a specified date for transfer of permit responsibility, coverage, and liability between them; and

c. The Director, within 30 days, does not notify the current permittee and the new permittee of his intent to modify, revoke or reissue, or terminate the permit and to require that a new application be filed rather than agreeing to the transfer of the permit.

4. Change of Mailing Address

The permittee shall promptly provide to the Director written notice of any change of mailing address. In the absence of such notice the original address of the permittee will be assumed to be correct.

C. NONCOMPLIANCE

1. Effect of Noncompliance

Any permit noncompliance constitutes a violation of applicable State laws and is grounds for enforcement action, permit termination, permit modification, or denial of permit reissuance.

2. Reporting of Noncompliance

a. 24-Hour Reporting

In the case of any noncompliance which could cause a threat to public drinking supplies, or any other discharge which could constitute a threat to human health or the environment, the required notice of non-compliance shall be provided to the appropriate Division environmental assistance center within 24 hours from the time the permittee becomes aware of the circumstances. (The environmental field office should be contacted for names and phone numbers of emergency response personnel.)

A written submission must be provided within five days of the time the permittee becomes aware of the circumstances unless this requirement is waived by the Director on a case-by-case basis. The permittee shall provide the Director with the following information:

- i. A description of the discharge and cause of noncompliance;
- ii. The period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue; and
- iii. The steps being taken to reduce, eliminate, and prevent recurrence of the non complying discharge.

b. Scheduled Reporting

For instances of noncompliance which are not reported under subparagraph 2.a. above, the permittee shall report the noncompliance on the Quarterly Operation Report. The report shall contain all information concerning the steps taken, or planned, to reduce, eliminate, and prevent recurrence of the violation and the anticipated time the violation is expected to continue.

3. Overflow

a. "**Overflow**" means the unintended discharge to land or waters of Tennessee of wastes from any portion of the collection, transmission, or treatment system other than through permitted outfalls.

b. Overflows are prohibited.

c. The permittee shall operate the collection system so as to avoid overflows. No new or additional flows shall be added upstream of any point in the collection system, which experiences chronic overflows (greater than 5 events per year) or would otherwise overload any portion of the system.

d. Unless there is specific enforcement action to the contrary, the permittee is relieved of this requirement after: 1) an authorized representative of the Commissioner of the Department of Environment and Conservation has approved an engineering report and construction plans and specifications prepared in accordance with accepted engineering practices for correction of the problem; 2) the correction work is underway; and 3) the cumulative, peak-design, flows potentially added from new connections and line extensions upstream of any chronic overflow point are less than or proportional to the amount of inflow and infiltration removal documented upstream of that point. The inflow and infiltration reduction must be measured by the permittee using practices that are customary in the environmental engineering field and reported in an attachment to a Monthly Operating Report submitted to the local TDEC Environmental Field Office on a quarterly basis. The data measurement period shall be sufficient to account for seasonal rainfall patterns and seasonal groundwater table elevations.

e. In the event that more than 5 overflows have occurred from a single point in the collection system for reasons that may not warrant the self-imposed moratorium or completion of the actions identified in this paragraph, the permittee may request a meeting with the Division of Water Resources EFO staff to petition for a waiver based on mitigating evidence.

4. Upset

a. "*Upset*" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

b. An upset shall constitute an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the permittee demonstrates, through properly signed, contemporaneous operating logs, or other relevant evidence that:

i. An upset occurred and that the permittee can identify the cause(s) of the upset;

ii. The permitted facility was at the time being operated in a prudent and workman-like manner and in compliance with proper operation and maintenance procedures;

iii. The permittee submitted information required under "Reporting of Noncompliance" within 24-hours of becoming aware of the upset (if this information is provided orally, a written submission must be provided within five days); and

iv. The permittee complied with any remedial measures required under "Adverse Impact."

5. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to the waters of Tennessee resulting from noncompliance with this permit, including such accelerated or

additional monitoring as necessary to determine the nature and impact of the noncomplying discharge. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

6. Bypass

a. "**Bypass**" is the intentional diversion of wastewater away from any portion of a treatment facility. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

b. Bypasses are prohibited unless all of the following 3 conditions are met:

i. The bypass is unavoidable to prevent loss of life, personal injury, or severe property damage;

ii. There are no feasible alternatives to bypass, such as the construction and use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass, which occurred during normal periods of equipment downtime or preventative maintenance;

iii. The permittee submits notice of an unanticipated bypass to the Division of Water Resources in the appropriate Environmental Field Office within 24 hours of becoming aware of the bypass (if this information is provided orally, a written submission must be provided within five days). When the need for the bypass is foreseeable, prior notification shall be submitted to the director, if possible, at least 10 days before the date of the bypass.

c. Bypasses not exceeding permit limitations are allowed **only** if the bypass is necessary for essential maintenance to assure efficient operation. All other bypasses are prohibited. Allowable bypasses not exceeding limitations are not subject to the reporting requirements of 6.b.iii, above.

7. Washout

a. For domestic wastewater plants only, a "washout" shall be defined as loss of Mixed Liquor Suspended Solids (MLSS) of 30.00% or more. This refers to the MLSS in the aeration basin(s) only. This does not include MLSS decrease due to solids wasting to the sludge disposal system. A washout can be caused by improper operation or from peak flows due to infiltration and inflow.

b. A washout is prohibited. If a washout occurs the permittee must report the incident to the Division of Water Resources in the appropriate Environmental Field Office within 24 hours by

telephone. A written submission must be provided within five days. The washout must be noted on the discharge monitoring report. Each day of a washout is a separate violation.

D. LIABILITIES

1. Civil and Criminal Liability

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance. Notwithstanding this permit, the permittee shall remain liable for any damages sustained by the State of Tennessee, including but not limited to fish kills and losses of aquatic life and/or wildlife, as a result of the discharge of wastewater to any surface or subsurface waters. Additionally, notwithstanding this Permit, it shall be the responsibility of the permittee to conduct its wastewater treatment and/or discharge activities in a manner such that public or private nuisances or health hazards will not be created.

2. Liability Under State Law

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law.

**PART III
OTHER REQUIREMENTS**

A. CERTIFIED OPERATOR

The waste treatment facilities shall be operated under the supervision of a Biological Natural System certified wastewater treatment operator and collection system shall be operated under the supervision of a the grade I certified collection system operator in accordance with the Water Environmental Health Act of 1984.

B. PLACEMENT OF SIGNS

The permittee shall place a sign at the entrance if the drip area if fenced or all reasonable approaches to the drip irrigation lot. The sign should be clearly visible to the public. The minimum sign size should be two feet by two feet (2' x 2') with one inch (1") letters. The sign should be made of durable material

**RECLAIMED WASTEWATER
DRIP IRRIGATION
(PERMITTEE'S NAME)
(PERMITTEE'S PHONE NUMBER)
TENNESSEE DIVISION OF WATER
RESOURCES
Knoxville Environmental Field Office
PHONE NUMBER: 1-888-891-8332**

C. ADDITION OF WASTE LOADS

The permittee may not add wasteloads to the existing treatment system without the knowledge and approval of the division.

D. SEPTIC TANK OPERATION

The proper operation of this treatment system depends, largely, on the efficient use of the septic tank. The solids that accumulate in the tank shall be removed at a frequency that is sufficient to insure that the treatment plant will comply with the discharge requirements of this permit.

E. SEPTAGE MANAGEMENT PRACTICES

The permittee must comply with the provisions of Rule 1200-01-06-.22. If the septage is transported to another POTW for disposal, the permittee shall note the amount of septage wasted in gallons and name of the facility the hauler intends to use for disposal of the septage on the monthly operation report. Sludge or any other material removed by any treatment works must be disposed of in a manner which prevents its entrance into or pollution of any surface or subsurface waters. Additionally, the disposal of such sludge or other material must be in compliance with the Tennessee Solid Waste Disposal Act, TCA 68-31-101 et seq. and Tennessee Hazardous Waste Management Act, TCA 68-46-101 et seq.

F. OWNERSHIP OF THE TREATMENT FACILITIES

a. The permittee shall own the treatment facilities (and the land upon which they are constructed) including the land to be utilized for drip or spray irrigation. A perpetual easement (properly recorded) may be accepted in lieu of ownership. Evidence of ownership of the treatment facility land application site(s) and/or a copy of the perpetual easement(s) must be furnished to the division for approval prior to construction of the wastewater collection and treatment system.

b. Where the treatment facility serves private homes, condominiums, apartments, retirement homes, nursing homes, trailer parks, or any other place where the individuals being served have property ownership, rental agreements, or other agreements that would prevent their being displaced in the even of abandonment or noncompliance of the sewerage system, ownership of the treatment facilities must be by a municipality, a public utility, a wastewater authority, or a privately owned public utility (having a Certificate of Convenience and Necessity from the Tennessee Regulatory Authority), or another public agency.

Attachment 1
STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES-WATER SUPPLY BRANCH
GROUND WATER MANAGEMENT SECTION
9th Floor, 401 Church Street
Nashville, Tennessee 37243-1549

MEMORANDUM

TO: Hari Akunuri, WPC-CO

FROM: Allen Rather, DWS- Ground Water Management Section

DATE: 4/29/2013

SUBJECT: LCSS/SFDS (Class V Injection) Approval
Starr Crest Resort
Pigeon Forge, Sevier County, Tennessee
UIC File SEV 0000074 SOP-00019

The Division of Water Resources has reviewed the submittal of an Application for Authorization to Operate a Class V Underground Injection Well (Large Capacity Septic System/Subsurface Fluid Disposal System) utilizing conventional disposal for the waste water at the Starr Crest Resort located at Pigeon Forge, Sevier County, Tennessee. This Division approves the application dated 4/19/2013.

If at any time the Division learns that a ground water discharge system may be in violation of The Tennessee Water Quality Control Act, the Division shall:

- a. require the injector to apply for an individual permit;
- b. order the injector to take such actions including, where required, closure of the injection well as may be necessary to prevent the violation; or
- c. take enforcement action.

All groundwater discharge activities must operate in such a manner that they do not present a hazard to groundwater.

Adenus shall also conduct a monthly visual inspection of the complete drip field looking for any signs of failure.

In accordance with Underground Injection Control (UIC) Rule 1200-4-6-.14 (3) "The owner of a Class V well shall be responsible for notifying the Department of change in ownership." This notification must be made to this Division within thirty (30) days of the change in ownership.

Also note that according to Underground Injection Control (UIC) Rule 1200-4-6-.14 (8)(d) "Upon completion of the well, the owner or operator must certify to the Department that the well has been completed in accordance with the approved construction plan, and must submit any other additional information required". The certification must be submitted to the UIC Program within thirty (30) days upon the completion/closure of the Class V well.

This Division will require a minimum of seven (7) working days advance notice before the construction on the drip system is to begin to allow for a witness from this Division to be present.

No drip emitters are to discharge directly into an open throat or crevice in the subsurface. All drip lines are to be installed on contour.

Our concurrence with your approach does not imply that this procedure is exempt from future changes or restrictions in the Underground Injection Control (UIC) Regulations, or any additional requirements set forth by the Division in order to protect the groundwater of Tennessee.

A copy of this authorization must be kept on site until the development has been completed and must be made available to inspection personnel.

Should you have any questions or comments please feel free to contact me at (615) 532-5819 or allen.rather@tn.gov.

c: file

Modification
SOP-00019
TN Wastewater Systems - Star Crest Resort
July 26, 2016

The division received a letter on July 21, 2016, from Mr. Charles Hyatt, TWS, Inc., requesting permit modification. He indicates all drip fields are fenced sufficiently to prevent or impede unauthorized entry. The division proposes granting the request to require drip-area fencing and delete the *E. coli* limit and monitoring requirement in the permit assuming suitable as-builts drawings and associated engineering details are provided for the recent construction activity on the system.



Public Participation Opportunity
Tennessee Department of Environment and Conservation (TDEC)
Division of Water Resources (DWR)
Notice Requesting Public Comments on Draft Permit Actions

August 08, 2016

Public Notice Number: **MMXVI-015**
Expiration Date: **September 12, 2016**

The purpose of this notice is to advise the public of the following proposed permit actions and to solicit comments and information necessary to evaluate the potential impact of the proposed activities on human health and the environment. A list of Notices of Intent (NOIs) received by the DWR is available on our DataViewer web page :

[Data Viewer \(click here\)](#)

Individual NPDES Construction Stormwater Permit

Proposed Modifications

Applicant Name	Collerville School District				
Permit Number	TN0081787	Permit Writer Initials	VMJ	Discharger rating	Minor
County	Shelby	EFO Name	Memphis		
Street Address/Location	South of Shelby Road, East of Sycamore Road				
City and/or Zip Code	Collierville, TN 38017				
Description of Activity	construction of a high school and associated facilities; modification adds outfall SW7, with a total drainage area of 1.5 acres, 0 acres of impervious surfaces				
Effluent	stormwater runoff associated with construction activity from Outfalls SW1, SW2, SW3, SW4, SW5, SW6 and SW7				
Receiving Stream	unnamed tributary of Nonconnah Creek for Outfalls SW1, SW2, SW3 SW4, SW5, SW6 and SW7				
Facility Latitude	35.02	Facility Longitude	-89.68		

Individual NPDES Permits

Proposed Reissuances

Applicant Name	Copperhill STP				
Permit Number	TN0024449	Permit Writer Initials	MTS	Discharger rating	Minor
County	Polk	EFO Name	Chattanooga		
Street Address/Location	160 Main Street, City Hall				
City and/or Zip Code	Copperhill, TN 37317				
Description of Activity	treatment of municipal sewage				
Effluent	treated municipal wastewater				
Receiving Stream	Ocoee River at mile 37.0				
Facility Latitude	34.99	Facility Longitude	-84.38		

Applicant Name	White Bluff STP		
Permit Number	TN0020460	Permit Writer Initials	MTS
County	Dickson	Discharger rating	Minor
Street Address/Location	347 Shady Oak Drive		
City and/or Zip Code	White Bluff, TN 37187		
Description of Activity	treatment of domestic sewage using activated sludge		
Effluent	treated domestic wastewater from Outfall 001		
Receiving Stream	Trace Creek at mile 4.3		
Facility Latitude	36.11	Facility Longitude	-87.22

Applicant Name	Williamson County Schools - Oakview Elementary School		
Permit Number	TN0067873	Permit Writer Initials	AEWF
County	Williamson	Discharger rating	Minor
Street Address/Location	2390 Henpeck Lane		
City and/or Zip Code	Franklin, TN 37064		
Description of Activity	Septic tank, recirculating sand filter and UV disinfection		
Effluent	treated domestic wastewater from Outfall 001		
Receiving Stream	mile 0.6 of an unnamed tributary to Fivemile Creek at mile 1.1		
Facility Latitude	35.87	Facility Longitude	-86.85

State Operation Permits

Proposed Modifications

Applicant Name	TN Wastewater Systems - Elk Springs Resort		
Permit Number	SOP-05070	Permit Writer Initials	HVA
County	Sevier	Discharger rating	Minor
Street Address/Location	Powdermill Road		
City and/or Zip Code	Gatlinburg, TN 37876		
Description of Activity	Septic tanks, effluent collection system, recirculating trickling filter, UV disinfection and drip irrigation. This modification includes a drip-area fence requirement and deletes the E. coli monitoring requirement.		
Wastewater Description	No discharge allowed from this system		
Receiving Stream	N/A		
Facility Latitude	35.76	Facility Longitude	-83.46

Applicant Name	TN Wastewater Systems - Starr Crest Resort		
Permit Number	SOP-00019	Permit Writer Initials	HVA
County	Sevier	Discharger rating	Minor
Street Address/Location	Starr Crest Resorts		
City and/or Zip Code	Pigeon Forge, TN 37863		
Description of Activity	Septic tanks, effluent collection system, recirculating sand filter and drip irrigation. This modification includes a drip-area fence requirement and deletes the E. coli monitoring requirement.		
Wastewater Description	No discharge allowed		
Receiving Stream	NA		
Facility Latitude	35.80	Facility Longitude	-83.51

Applicant Name	TN Wastewater Systems - Townsend Town Square		
Permit Number	SOP-99016	Permit Writer Initials	HVA Discharger rating Minor
County	Blount	EFO Name	Knoxville
Street Address/Location	Wears Valley Road on Highway 321		
City and/or Zip Code	Townsend, TN 37801		
Description of Activity	Septic tanks, recirculating sand filter, ultraviolet disinfection and drip irrigation. This modification includes a drip-area fence requirement and deletes the E. coli monitoring requirement.		
Wastewater Description	No discharge allowed		
Receiving Stream	N/A		
Facility Latitude	35.68	Facility Longitude	-83.74

Proposed New Issuances

Applicant Name	Gibson County Special School District - South Gibson County Elementary		
Permit Number	SOP-16020	Permit Writer Initials	JAH Discharger rating Minor
County	Gibson	EFO Name	Jackson
Street Address/Location	Mt. Zion Road		
City and/or Zip Code	Medina, TN 38355		
Description of Activity	Collection system to Jackson Energy Authority - Middle Fork Plant		
Wastewater Description	No discharge allowed.		
Receiving Stream	unnamed trib to Sugar Creek less than 500'		
Facility Latitude	35.82	Facility Longitude	-88.81

Proposed Reissuances

Applicant Name	CUDRC - Heatherwood Subdivision (Section II)		
Permit Number	SOP-05042	Permit Writer Initials	HVA Discharger rating Minor
County	Rutherford	EFO Name	Nashville
Street Address/Location	NW Corner of Intersection of Florence Road and I-24		
City and/or Zip Code	Murfreesboro, TN 37133		
Description of Activity	STEP/STEG collection system discharging to recirculating sand filters thence to drip irrigation with UV disinfection		
Wastewater Description	No discharge allowed from this system		
Receiving Stream	N/A		
Facility Latitude	35.90	Facility Longitude	-86.49

Applicant Name	City of Piperton - Ridgewood Grove		
Permit Number	SOP-06018	Permit Writer Initials	JCN Discharger rating Minor
County	Fayette	EFO Name	Memphis
Street Address/Location	SW Corner of Highway 196 and Keough Road		
City and/or Zip Code	Piperton, TN 38303		
Description of Activity	Septic tanks, effluent collection system, Bio Clere recirculating media and drip irrigation.		
Wastewater Description	No discharge allowed from this system		
Receiving Stream	N/A		
Facility Latitude	35.03	Facility Longitude	-89.62

Proposed Terminations

Applicant Name	John Sevier Combine Cycle Plant (JCC)		
Permit Number	SOP-11025	Permit Writer Initials	WDM Discharger rating Minor
County	Hawkins	EFO Name	Johnson City
Street Address/Location	611 Old Highway 70		
City and/or Zip Code	Rogersville, TN 37857		
Description of Activity	Pump and haul of intermittent process wastewater from the generation of electricity by a natural gas fired combustion turbine plant. This activity will continue as a best management practice in the SWPPP implemented via TNR053187.		
Wastewater Description	Intermittant process wastewaters consisting primarily of wash water for three combustion turbine air compressors washed twice per year one at a time. Process wastewater may also include demineralized water, stormwater, system water flushes and equipment blowdown.		
Receiving Stream	NA		
Facility Latitude	36.38	Facility Longitude	-82.96

POTW - Pretreatment Program Approvals:

None

The Division of Water Resources is authorized to approve local POTW Pretreatment Programs for the administration and enforcement of the National Pretreatment Standards of Performance for industrial users of the respective Publicly Owned Treatment Works listed in this notice. Additionally, the POTW Programs are required to prevent the introduction of pollutants into the POTW's which will interfere with their operation, including the use or disposal of sludge, and prevent the introduction of pollutants into the POTW's which will pass through the treatment works or be otherwise incompatible. All POTW Pretreatment Programs approved are in accordance with the Tennessee Water Quality Control Act, the federal Clean Water Act, and appropriate regulations.

End of List

How to Comment:

TDEC is requesting public comment on this permit action. Obtaining a broad range of facts and opinions on Agency actions is one of the best ways to ensure quality decisions. Persons wishing to comment on the proposed action are invited to submit comments in writing to the Division of Water Resources at William R. Snodgrass - Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243-1102, Attn: Public Notice Coordinator, by fax number (615) 532-0686, or by E-mail at Water.Permits@tn.gov. Comments must be received by the public notice expiration date (September 12, 2016).

How to Request a Public Hearing:

Interested persons may request in writing that the Director of the Division of Water Resources hold a public hearing on any application. The request must be filed by the public notice expiration date (September 12, 2016) and must indicate the interest of the party filing it and the reasons why such a hearing is warranted. When there is significant public interest for a hearing, a hearing will be conducted according to Division of Water Pollution Control Rule 0400-40-05-.06(12). Public hearings will be announced through another public notice.

How the Department will Proceed:

The Director of the Division of Water Resources will determine the final permit action after considering comments submitted during the comment period, the hearing record, if any, and the requirements of the Federal and State acts and regulations.

To Obtain Permit Details:

Copies of the application(s) and draft permit(s) are also available for public inspection by contacting TDEC at <http://state.tn.us/environment/field-offices.shtml>, by calling 1-888-891-TDEC (8332), or by visiting the following locations during normal business hours:

Environmental Field Office - Chattanooga
1301 Riverfront Parkway, Suite 206
Chattanooga, TN 37402
(423) 634-5745
Bledsoe, Bradley, Grundy, Hamilton, Marion, McMinn, Meigs, Polk, Rhea, Sequatchie

Environmental Field Office - Columbia
1421 Hampshire Pike
Columbia, TN 38401
(931) 380-3371
Bedford, Coffee, Franklin, Giles, Hickman, Lawrence, Lewis, Lincoln, Marshall, Maury, Moore, Perry, Wayne

Environmental Field Office - Cookeville
1221 South Willow Avenue
Cookeville, TN 38506
(931) 432-4015

Cannon, Clay, Cumberland, Fentress, Jackson, Macon, Overton, Pickett, Putnam, Smith, Van Buren, Warren, White

Environmental Field Office - Jackson
1625 Hollywood Drive
Jackson, TN 38305
(731) 512-1300

Benton, Carroll, Chester, Crockett, Decatur, De Kalb, Dyer, Gibson, Hardeman, Hardin, Haywood, Henderson, Henry, Lake, Lauderdale, Madison, McNairy, Obion, Weakley

Environmental Field Office - Johnson City
2305 Silverdale Road
Johnson City, TN 37601
(423) 854-5400

Carter, Greene, Hancock, Hawkins, Johnson, Sullivan, Unicoi, Washington

Environmental Field Office - Knoxville
3711 Middlebrook Pike
Knoxville, TN 37921
(865) 594-6035

Anderson, Blount, Campbell, Claiborne, Cocke, Grainger, Hamblen, Jefferson, Knox, Loudon, Monroe, Morgan, Roane, Scott, Sevier, Union

Environmental Field Office - Memphis
8383 Wolf Lake Drive
Bartlett, TN 38133-4119
(901) 371-3000

Fayette, Shelby, Tipton

Environmental Field Office - Nashville
711 R.S. Gass Boulevard
Nashville, TN 37243
(615) 687-7000

Cheatham, Davidson, Dickson, Houston, Humphreys, Montgomery, Robertson, Rutherford, Stewart, Sumner, Trousdale, Williamson, Wilson

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State of Tennessee Antidegradation Policy:

Antidegradation determinations have been made in regard to the permits referenced in this Public Notice. Tennessee's Antidegradation Statement is found in Chapter 0400-40-03-.06 of the Rules of the Tennessee Department of Environment and Conservation. The primary purpose of the antidegradation policy is to establish a greater level of protection for those waters that are identified to be of high quality. Generally, there are two types of high quality waters. Some high quality waters are those at near pristine conditions. These Outstanding National Resource Waters (ONRWs) are specifically designated by the Tennessee Board of Water Quality, Oil and Gas and are afforded the greatest level of protection. No new discharges or expansion of existing discharges are allowed to result in degradation of the existing water quality. Waters determined to be high quality due to specialized uses and/or unique features and are identified by the Department as Exceptional Tennessee Waters are also protected against degradation.

Some degradation may be allowed in the Exceptional Tennessee Waters only if the Tennessee Board of Water Quality, Oil and Gas deems it economically and socially necessary. Other surface waters not specifically identified and/or designated as high quality are referred to as waters with available or unavailable conditions. Generally, new discharges or increases in existing discharges may be allowed in waters not identified as ONRWs or Exceptional Tennessee Waters. The Division of Water Resource's evaluation of such discharges may include the following provisions:

- The proposed lowering of water quality by the discharge is necessary for economic growth or community benefit; the proposed discharge can not be mitigated by reasonable pollution prevention measures; and
- There is no other reasonable non-discharge alternative available to prevent the new/increased discharge to waters with available or unavailable conditions.

In all cases, the proposed discharge must meet water quality standards and fully protect all classified uses. Information used by the Division of Water Resources in evaluating any of the above provisions is available upon request.

State of Tennessee Policy of Non-Discrimination:

Pursuant to the State of Tennessee's policy of non-discrimination, the Tennessee Department of Environment and Conservation does not discriminate on the basis of race, sex, religion, color, national or ethnic origin, age, disability, or military service in its policies, or in the admission or access to, or treatment or employment in its programs, services or activities. Equal Employment Opportunity/Affirmative Action inquiries or complaints should be directed to the EEO/AA Coordinator, Office of General Counsel, William R. Snodgrass - Tennessee Tower, 312 Rosa L. Parks Avenue, 2nd Floor, Nashville, Tennessee 37243-1102, 1-888-867-7455. ADA inquiries or complaints should be directed to the ADA Coordinator, Human Resources Division, William R. Snodgrass - Tennessee Tower, 312 Rosa L. Parks Avenue, 2nd Floor, Nashville, Tennessee 37243-1102, 1-866-253-5827.

Please bring this notice to the attention of persons you believe will be interested.