



**Indiana Department of Environmental Management**  
*We Protect Hoosiers and Our Environment.*

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(800) 451-6027 • (317) 232-8603 • [www.idem.IN.gov](http://www.idem.IN.gov)

**Eric J. Holcomb**  
*Governor*

**Brian Rockensuess**  
*Commissioner*

November 16, 2022

Via Email to: [jb3540@gmail.com](mailto:jb3540@gmail.com)  
Mr. Jim Boone, President  
Turkey Creek Regional Sewer District  
4852 North County Road 1200 West  
Cromwell, Indiana 46732

Dear Mr. Boone:

Re: Inspection Summary Letter  
Turkey Creek Regional Sewer District  
NPDES Permit No. IN0045802  
Cromwell, Noble County

An inspection of the above-referenced facility or location was conducted by a representative of the Indiana Department of Environmental Management, Northern Regional Office, pursuant to IC 13-18-3-9. A summary of the inspection is provided below:

Date(s) of Inspection: November 15, 2022  
Type of Inspection: Sanitary Sewer Survey  
Inspection Results: Conditions evaluated were found to be satisfactory at the time of the inspection.

A copy of the NPDES Wastewater Facility Inspection Report is enclosed for your records. Please direct any response to this letter and any questions to Lynn Raisor at 317-691-0099 or by email to [lraisor@idem.IN.gov](mailto:lraisor@idem.IN.gov).

Sincerely,

James E. Weingart, Director  
Northern Regional Office

Enclosure



**NPDES Wastewater Facility Inspection Report**  
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

NPDES Permit Number: <b>IN0045802</b>	Facility Type: <b>Municipality</b>	Facility Classification: <b>Minor</b>	TEMPO AI ID <b>45343</b>
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Date(s) of Inspection: **November 15, 2022**

Type of Inspection: **Sanitary Sewer Survey**

Name and Location of Facility Inspected: <b>Turkey Creek Regional Sewer District</b> 4852 North County Road 1200 West Cromwell IN 46732	County: <b>Noble</b>	Receiving Waters: <b>Cromwell Ditch</b>	Permit Expiration Date: <b>5/31/2023</b>
		Design Flow: <b>.37MGD</b>	

On Site Representative(s):			
First Name <b>Tim</b>	Last Name <b>Woodward</b>	Title <b>Superintendent</b>	Email <b>tim@tcrsd.com</b>
			Phone <b>574-529-0098</b>

Was a verbal summary of findings presented to the on-site representative?

Certified Operator: <b>Tim Woodward</b>	Number: <b>19287</b>	Class <b>III</b>	Effective Date: <b>7-1-21</b>	Expiration Date: <b>6-30-24</b>	Email: <b>tim@tcrsd.com</b>
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Cyber Security Contact:  
Name: \_\_\_\_\_ Email: \_\_\_\_\_

Responsible Official: <b>Mr. Jim Boone, President</b>	Permittee: <b>Turkey Creek Regional Sewer District</b>
	Email: <b>jb3540@gmail.com</b>
4852 North County Road 1200 West Cromwell, Indiana 46732	Phone: _____
	Fax: _____
	Contacted? <b>No</b>

**INSPECTION FINDINGS**

- Conditions evaluated were found to be satisfactory at the time of the inspection. (5)
- Violations were discovered but corrected during the inspection. (4)
- Potential problems were discovered or observed. (3)
- Violations were discovered and require a submittal from you and/or a follow-up inspection by IDEM. (2)
- Violations were discovered and may subject you to an appropriate enforcement response. (1)

**AREAS EVALUATED DURING INSPECTION**

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

N	Receiving Waters	N	Facility/Site	N	Self-Monitoring	N	Compliance Schedules
N	Effluent	N	Operation	N	Flow Measurement	N	Pretreatment
N	Permit	N	Maintenance	N	Laboratory	N	Effluent Limits Compliance
S	Collection System	N	Sludge	N	Records/Reports	N	Other:

**DETAILED AREA EVALUATIONS**

**Collection System:**

- N 1. CSO's were found to be adequately monitored and maintained.
- S 2. There were no maintenance-related (clogged or blocked lines) overflow events in last 12 months.
- S 3. There were no hydraulic (I&I) overflow events in last 12 months.
- N 4. Facility has met SSO and dry weather CSO reporting requirements
- N 5. Any adverse impacts from SSO and CSO events have been properly mitigated.
- S 6. Lift stations were found to be adequately inspected, cleaned, and maintained, with adequate documentation of activities.
- S 7. Collection system maintenance activities appeared to be adequate.

**Sanitary Sewer Survey:**

1. How often are lift stations visually inspected?  
All larger ones are checked daily. All others are checked weekly.

2. During lift station inspections, what does the inspection include?  
Inspection of floats, wiring, alarm verification, wet well condition, and generator. Twice annually a pump down test is completed and documented. Pump hours are recorded daily from the telemetry system.

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3. Are all lift station inspection tasks fully documented?  
Yes

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4. Do all lift stations have adequate provisions for back-up power?  
Yes. 22 of the 47 lift stations have a dedicated generator. The District has a portable generator, portable pump and vactor truck for use at all other lift stations.

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5. How often are manholes visually inspected?  
Manhole inspections are completed weekly during locate callouts. If a problem is identified, it will be addressed.

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6. Describe the checklist or inspection sheet used to document manhole inspections.  
Description of manhole condition, and if it needs cleaning or repaired. All inspections are documented on log sheets and logs were available for review.

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7. Does the facility have maps of the entire sewer system, that detail lift stations and manholes?  
Yes, paper maps. Electronic maps are being developed by the engineer as part of the GIS asset management plan.

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8. How often are sewer lines cleaned, and is there a schedule or is the cleaning done as-needed?  
The collection system contains 8 syphon lines that flow under channels. All syphon lines are cleaned twice annually. The vactor truck is used weekly and at least 1400 feet of sewer line is cleaned annually and the entire collection system is cleaned on a rotating basis. The collection system also contains 1200 retention tanks. All tanks are inspected and cleaned on a rotating basis, but at least every 10 years. Retention tank cleaning and pumping is documented. In addition, the collection system contains approximately 300 low pressure pump pits. All pits have a light alarm and are inspected twice annually. All lift stations are cleaned twice annually. Lastly, the 270 air relief valves on the force mains throughout the collection system are inspected and exercised twice annually.

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9. Is there a plan for fixing known infiltration/inflow (I&I) sources, how many are fixed per year, and what documentation is kept?  
If I & I is identified, especially during manhole inspections, a plan for repair is developed. Overall, the collection does not have excessive clear water inflow or infiltration.

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10. Describe smoke or dye testing, televising, or other I&I investigations, percentage of the system studied, and documentation.  
The district has a push camera to use in the collection system and contracts out other televising. The entire collection has been televised and the video is available on flash drive for review.

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11. Describe chemicals that are used in the collection system, their purpose, and how often they are used.  
A degreaser is added to the lift stations weekly.

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12. Is the Sewer Use Ordinance (SUO) up-to-date, enforced, and does the SUO prohibit discharge of clear water into sewers?  
Yes, updated in October 2022.

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13. How many sewer overflows have occurred during the past 12 months? Detail whether they were rain or maintenance related.  
One overflow occurred due to lightning striking a lift station panel and setting the VFD drive on fire. Telemetry alerted staff of the problem and the overflow did not flow out of the lift station area.

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14. Were problems noted in the way that overflows have been reported to IDEM?  
No, the above noted overflow was properly reported to IDEM. The need to report Porta Potty spills was discussed during the inspection. The District now requires Porta Potty suppliers to obtain a permit from the District to place one at a construction site, building, etc. The permits are effective for 90 days.

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15. Is there evidence that overflows have occurred that have not been reported to IDEM?  
No

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16. Is there a plan for regular inspection of locations where previous overflows have occurred in the past?  
Yes, staff are throughout the collection system daily and all activities are documented.

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17. Detail any satellite sewer collection systems that discharge into the facilities sewers, including approximate daily flows from each.  
NA

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18. Describe the protocol for inspection of satellite systems, including how the SUO is enforced in satellite systems.  
NA

**Lift Station Inspection:**

Name or Location: Enchanted Hills Size: Large

Type of Alarm: Win911 cellular telemetry and SCDATA pho... Backup Power: Dedicated generator

Visual Condition and State of Repair: Excellent. VFD pumps with a float backup. No floating debris, trash or grease noted.

Name or Location: A1A Size: Medium

Type of Alarm: SCDATA, light alarm Backup Power: Generator

Visual Condition and State of Repair: Wet well had been lined in the past 10 years and in good condition. Very minimal floating debris. Control panel was showing some age, but the District has plans in place to replace 8 panels next year.

**Manhole Inspection:**

Number or Location: Last manhole before influent wet well at WWTP. Construction: Concrete

Visual Condition: Excellent. No grease or trash on walls. No cracking or issues noted.

**Sewer Overflow Inspections:**

Comments: Overall, the District does an exceptional job in inspecting, maintaining, and cleaning approximately 46 miles of sewer line. Three RSD staff members are assigned collection system tasks on a daily/weekly basis. All inspections, cleaning, and repairs are documented and all logs were available for review.

**Effluent Limits Compliance:**

No 1. Were DMRs reviewed as part of the inspection?

Comments:

**IDEM REPRESENTATIVE**

Inspector Name: Lynn Raisor Email: lraisor@idem.IN.gov Phone Number: 317-691-0099

**IDEM MANAGER REVIEW**

IDEM Manager: James E. Weingart Date: 11/16/2022