

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

**AI ID:** 3405      **AI Type:** WATER-Public Water System (2213)  
**AI Name:** Falmouth Water Department  
**AI Address:** 508 E Shelby St

**City:** Falmouth, **State:** Kentucky **Zip:** 41040  
**County:** Pendleton **Regional Office:** Florence Regional Office  
**Latitude:** 38.675258 **Longitude:** -84.324988  
**Inspection Type:** WW CEI-DW Plt Idv **Activity #:** CIN20250002  
**Incident IDs:**  
**Inspection Start Date:** February 6, 2025 **Time:** 10:00 AM **End Date:** February 6, 2025 **Time:** 10:30 AM  
**Site/Permit ID:** KY0109461

**Lead DEP Investigator:** Adam L Smith  
**Other DEP Investigators:**  
**External Investigators:**  
**Persons Interviewed:**

**General Comments:** Individual permit for emergency discharges of drinking water treatment plant filter back wash water directly to the river. All discharges have been sent to the local WWTP. No effluent has been discharged to the river. No samples have been taken.  
**Overall Compliance Status:** No Violations Observed

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**Investigation Results**

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**SI:** AIOO3405

**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:** Facility holds the proper KPDES permit, #KY0109461.

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**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:** No construction or modification has occurred at the facility for over ten years.

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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:** Facility is being operated under the supervision of a properly certified operator.

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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]

**Compliance Status:** N-Not Applicable

**Comment:** This is a drinking water treatment plant filter back wash water discharge permit. There is not a collection system.

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**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

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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:** C-No Violations observed

**Comment:** Permittee is retaining all required records. Wastewater discharges are being sent to local WWTP.

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**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]

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

**Comment:** Facility has a GPP.

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**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:** C-No Violations observed

**Comment:** Permittee is reporting monitoring results at the proper intervals.

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

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

**Comment:** Monitoring results are being reported on DMRs through the federal EPA's Net DMR data base.

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**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:** Permit is for emergency discharges of filter back wash water directly to the river. All discharges for over five years have been sent to the local WWTP. There have not been any discharges of pollutants to monitor.

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**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:** N-Not Applicable

**Comment:** Permit is for emergency discharges of filter back wash water directly to the river. All discharges for over five years have been sent to the local WWTP. There have not been any discharges of pollutants to monitor and no calculations have been performed.

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

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

**Comment:** No spills, bypasses or any other non-compliance have occurred.

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**Requirement:** Is the permittee in compliance with immediate reporting requirements for emergency or accidental releases to the environment according to 401 KAR 5:065 Section 3(5)? [401 KAR 5:065 Section 3(5)]

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

**Comment:** No emergency or accidental release has occurred.

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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)]

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

**Comment:** Facility is being properly operated and maintained.

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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:** N-Not Applicable

**Comment:** No disinfection unit is in place.

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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]

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**Compliance Status:** N-Not Applicable

**Comment:** No flow measuring device is in place and no device is required.

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**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:** A source of clean up water is available and a back flow preventor is in place.

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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:** Fencing with a lockable gate is in place.

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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:** An access road is in place.

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**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:** This is not a wastewater treatment plant and no sewage sludge is present.

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**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:** C-No Violations observed

**Comment:** No effluent has been discharged to the river for over five years. All effluent is sent directly to the local WWTP.

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**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:** No effluent has been discharged to the river for over five years. All effluent is sent directly to the local WWTP. No samples have been taken.

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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:** E-Not Evaluated

**Comment:** No effluent has been discharged to the river for over five years. All effluent is sent directly to the local WWTP. No samples have been taken.

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**Requirement:** Have samples been analyzed by a lab that has been certified according to 401 KAR 5:320? Are all field parameters collected by a lab or individual that holds a Field Only certification according to 401 KAR 5:320? [401 KAR 5:320]

**Compliance Status:** E-Not Evaluated

**Comment:** No effluent has been discharged to the river for over five years. All effluent is sent directly to the local WWTP. No samples have been taken.

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

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

**Comment:** No pollutants were observed entering the waters of the Commonwealth.

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

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

**Comment:** No surface waters were observed being visibly degraded.

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

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

**Comment:** Permittee is in compliance with all permit conditions.

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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:**

Recoverable Signature



A handwritten signature in black ink, appearing to read 'Robert J. [unclear]', is written over a horizontal line.

**Date:** 3/11/2025

**Delivery Method:** Email