

Detailed Facility Report



Detailed Facility Report

Facility Summary

AIRVIEW WWTF

US 31 W, ELIZABETHTOWN, KY 42701

FRS (Facility Registry Service) ID: 110006654478

EPA Region: 04

Latitude: 37.758333

Longitude: -85.892222

Locational Data Source: NPDES

Industries: Heavy and Civil Engineering Construction

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	3
Date of Last Compliance Monitoring Activity	05/06/2021
Compliance Status	Violation Identified
Qtrs in Noncompliance (of 12)	3
Qtrs with Significant Violation	2
Informal Enforcement Actions (5 years)	11
Formal Enforcement Actions (5 years)	2
Penalties from Formal Enforcement Actions (5 years)	\$2,000
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Minor, Permit Effective (KY0045390)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

[Go To Enforcement/Compliance Details](#)
[Known Data Problems](#)

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110006654478					N	37.758333	-85.892222
ICIS-NPDES	CWA	KY0045390	Minor: NPDES Individual Permit	Effective		04/30/2025	N	37.758333	-85.892222

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110006654478	AIRVIEW WWTF	US 31 W, ELIZABETHTOWN, KY 42701	
ICIS-NPDES	CWA	KY0045390	AIRVIEW WWTF	US 31 W, ELIZABETHTOWN, KY 42701	Hardin County

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	KY0045390	6552	Subdividers And Developers

System	Identifier	NAICS Code	NAICS Description
ICIS-NPDES	KY0045390	237210	Land Subdivision

Facility Industrial Effluent Guidelines

Facility Tribe Information

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
KY0045390	000	No Applicable Effluent Guidelines

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CWA	KY0045390	ICIS-NPDES	Inspection/Evaluation	<i>Base Program - Reconnaissance without Sampling</i>	State	04/28/2022	
CWA	KY0045390	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation, Sampling	State	05/06/2021	
CWA	KY0045390	ICIS-NPDES	Inspection/Evaluation	<i>Base Program - Reconnaissance without Sampling</i>	State	04/22/2020	
CWA	KY0045390	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	02/13/2019	
CWA	KY0045390	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation, Sampling	State	08/01/2018	

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	KY0045390	No	12/31/2022	3	04/28/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	CWA (Source ID: KY0045390)	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-04/28/23
	Facility-Level Status	No Violation Identified	No Violation Identified	Significant/Category I Noncompliance	Significant/Category I Noncompliance	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Violation Identified
	Quarterly Noncompliance Report History	Resolved - Pending	Resolved - Pending	Compliance/Permit Schedule - Violations	Compliance/Permit Schedule - Violations	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	
	Pollutant	Disch Point	Mon Loc	Freq										
▶ CWA	BOD, carbonaceous [5 day, 20 C]	001 - 1	Effluent Gross	Mthly						152%		24%		
▶ CWA	BOD, carbonaceous [5 day, 20 C]	001 - 1	Effluent Gross	NMth						68%				
▶ CWA	Chlorine, total residual	001 - 1	Effluent Gross	Mthly				445%				7991%		82%
▶ CWA	Chlorine, total residual	001 - 1	Effluent Gross	NMth				216%				4584%		5%
▶ CWA	E. coli	001 - 1	Effluent Gross	Mthly					1762%		198%			
▶ CWA	E. coli	001 - 1	Effluent Gross	NMth	378%				908%		908%			
▶ CWA	Nitrogen, ammonia total [as N]	001 - 1	Effluent Gross	NMth		10%								

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
▶ CWA	<u>Oxygen dissolved (DO)</u> 001 - 1 Effluent Gross Neither								3%				27%	
▶ CWA	<u>Solids total suspended</u> 001 - 1 Effluent Gross NMth	44%												
Single Event Violations		Agency												
CWA	Effluent Violations - Narrative Effluent Violation	State									04/28/2022			
CWA	Management Practice Violations - Improper Operation and Maintenance	State									04/28/2022			

Informal Enforcement Actions Last 5 Years ▾

Statute	System	Source ID	Type of Action	Lead Agency	Date
CWA	ICIS-NPDES	KY0045390	Base Program - Notice of Violation	State	02/22/2023
CWA	ICIS-NPDES	KY0045390	Base Program - Notice of Violation	State	12/01/2022
CWA	ICIS-NPDES	KY0045390	Base Program - Notice of Violation	State	08/23/2022
CWA	ICIS-NPDES	KY0045390	Base Program - Notice of Violation	State	03/25/2022
CWA	ICIS-NPDES	KY0045390	Base Program - Notice of Violation	State	05/19/2021
CWA	ICIS-NPDES	KY0045390	Base Program - Notice of Violation	State	09/09/2020
CWA	ICIS-NPDES	KY0045390	Base Program - Notice of Violation	State	05/15/2020
CWA	ICIS-NPDES	KY0045390	Base Program - Notice of Violation	State	03/10/2020
CWA	ICIS-NPDES	KY0045390	Base Program - Notice of Violation	State	12/19/2019
CWA	ICIS-NPDES	KY0045390	Base Program - Notice of Violation	State	10/03/2019
CWA	ICIS-NPDES	KY0045390	Base Program - Notice of Violation	State	05/29/2019

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions Last 5 Years ▾

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
CWA	ICIS-NPDES	OTHER	NPDES/KY0045390	Administrative - Formal	<u>KY DOW 34206</u>	State	AIRVIEW WWTP	06/24/2021	1	06/24/2021	\$0	\$2,000	\$2,000	\$0	\$0
CWA	ICIS-NPDES	OTHER	NPDES/KY0045390	Administrative - Formal	<u>KY DOW 19-3-0142</u>	State	AIRVIEW ESTATES SUBDIVISION WWTP (BLUEGRASS WATER UTILITY OPERATING CO LLC)	09/03/2019	1	09/03/2019	\$0	\$0	--	\$0	\$0

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
051401021301	Upper Mill Creek	MILL CRK BR, UT TO MILL CREEK BRANCH	No	No	BOD, carbonaceous, 05 day, 20 C Nitrogen, ammonia total (as N) Oxygen, dissolved (DO)	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
KY	2020	<u>KY-1318</u>	Mill Creek Branch 0.0 to 0.7	Impaired - 303(d) Listed	AMMONIA NUTRIENTS ORGANIC ENRICHMENT/OXYGEN DEPLETION	Not Assessed	Not Supporting	Not Assessed	Not Assessed	--

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
No data records returned				

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-Site Releases	Total Off-Site Transfers
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No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

EJScreen Indexes Shown

Related Reports

Compare to US State

Index Type Environmental Justice Supplemental

[EJScreen Report](#)

Download Data

Facility 1-mile Radius Facility Census Block Group

Census Block Group ID: 210930010051	US (Percentile)	
	Facility Census Block Group	1-mile Max
Supplemental Indexes		
Count of Indexes At or Above 80th Percentile	0	3
Particulate Matter 2.5	37	84
Ozone	35	84
Diesel Particulate Matter	22	77
Air Toxics Cancer Risk	31	84
Air Toxics Respiratory Hazard Index	19	66
Traffic Proximity	18	77
Lead Paint	19	69
Risk Management Plan (RMP) Facility Proximity	27	77
Hazardous Waste Proximity	32	80
Superfund Proximity	20	67
Underground Storage Tanks (UST)	25	72
Wastewater Discharge	24	65

Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2016 - 2020 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	2,849
Population Density	933/sq.mi.
Housing Units in Area	1,252

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	210 (7%)
Minors 17 years and younger	789 (28%)
Adults 18 years and older	2,060 (72%)
Seniors 65 years and older	278 (10%)

General Statistics (ACS (American Community Survey))	
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General Statistics (ACS (American Community Survey))	
Total Persons	2,170
Percent People of Color	30%
Households in Area	856
Households on Public Assistance	0
Persons With Low Income	376
Percent With Low Income	18%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	37.758333
Center Longitude	-85.892222
Land Area	99%
Water Area	1%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	17 (1.98%)
\$15,000 - \$25,000	46 (5.36%)
\$25,000 - \$50,000	190 (22.14%)
\$50,000 - \$75,000	163 (19%)
Greater than \$75,000	442 (51.52%)

Race Breakdown (U.S. Census) - Persons (%)	
White	2,212 (78%)
African-American	360 (13%)
Hispanic-Origin	155 (5%)
Asian/Pacific Islander	103 (4%)
American Indian	19 (1%)
Other/Multiracial	155 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	24 (1.66%)
9th through 12th Grade	30 (2.08%)
High School Diploma	316 (21.87%)
Some College/2-year	401 (27.75%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	416 (28.79%)

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)



March 14, 2023

Nicholas Fields
Kentucky Department for Environmental Protection
Division of Enforcement
300 Sower Blvd., 3rd Floor
Frankfort, KY 40601

Bluegrass Water Utility Operating Company, Inc.
Airview WWTF
KYPDES Permit No. KY0045390
Agency Interest No. 1643

On behalf of Bluegrass Water Utility Operating Company, LLC, we are submitting this letter to address the current Corrective Action Plan status that was approved January 28, 2020. BWUOC submitted an extension request on September 23, 2022, with a projected completion date of March 31, 2023.

Construction was recently completed at this facility including all the repairs and upgrades proposed by our third-party engineering firm. The facility effluent will be compliant with the operating permit on March 31, 2023

Please let me know if this letter meets the status report requirements of achieving system compliance.

Sincerely,

A handwritten signature in blue ink, appearing to read "h W J", is positioned above the typed name.

Enrique Chavez Jr.
Bluegrass Water Utility Operating Company, LLC
Program & Compliance Manager