

Detailed Facility Report



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Facility Summary

MAGRUDER VILLAGE WATER CORP

BETHEL CHURCH RD, WOODVILLE, KY 42053

FRS (Facility Registry Service) ID: 110006750211

EPA Region: 04

Latitude: 37.097222

Longitude: -88.854167

Locational Data Source: NPDES

Industries: Heavy and Civil Engineering Construction

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	4
Date of Last Compliance Monitoring Activity	07/06/2022
Compliance Status	Violation Identified
Qtrs in Noncompliance (of 12)	10
Qtrs with Significant Violation	5
Informal Enforcement Actions (5 years)	12
Formal Enforcement Actions (5 years)	1
Penalties from Formal Enforcement Actions (5 years)	\$500
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 (KY0083577)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Resource Conservation and Recovery Act (RCRA): No Information

Toxic Releases (TRI): No Information

Safe Drinking Water Act (SDWA): 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		110006750211					N	37.097222	-88.854167
ICIS-NPDES	CWA	KY0083577	Minor: NPDES Individual Permit	Effective		12/31/2023	N	37.096389	-88.855833

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110006750211	MAGRUDER VILLAGE WATER CORP	BETHEL CHURCH RD, WOODVILLE, KY 42053	
ICIS-NPDES	CWA	KY0083577	MAGRUDER VILLAGE WATER CORP	BETHEL CHURCH RD, WOODVILLE, KY 42053	McCracken County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	KY0083577	6552	Subdividers And Developers

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-NPDES	KY0083577	237210	Land Subdivision

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
KY0083577	000	No Applicable Effluent Guidelines

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 10 Years ▼

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CWA	KY0083577	ICIS-NPDES	Inspection/Evaluation	Base Program - Reconnaissance without Sampling	State	07/06/2022	
CWA	KY0083577	ICIS-NPDES	Inspection/Evaluation	Base Program - Reconnaissance without Sampling	State	10/23/2020	
CWA	KY0083577	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	11/05/2019	
CWA	KY0083577	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	06/21/2019	
CWA	KY0083577	ICIS-NPDES	Inspection/Evaluation	Base Program - Reconnaissance without Sampling	State	11/30/2017	
CWA	KY0083577	ICIS-NPDES	Inspection/Evaluation	Base Program - Reconnaissance without Sampling	State	03/17/2016	
CWA	KY0083577	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	11/05/2015	
CWA	KY0083577	ICIS-NPDES	Inspection/Evaluation	Base Program - Reconnaissance without Sampling	State	01/28/2015	

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	KY0083577	No	03/31/2023	10	07/28/2023

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: KY0083577)				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	01/01-03/31/23	04/01-07/28/23
	Facility-Level Status				Violation Identified	Violation Identified	Violation Identified	Violation Identified	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	No Violation Identified	No Violation Identified	No Violation Identified	Violation Identified
	Quarterly Noncompliance Report History				Other Violation	Other Violation	Other Violation	Other Violation	Effluent - Monthly Average Limit	Effluent - Monthly Average Limit	Effluent - Monthly Average Limit	Effluent - Monthly Average Limit	Effluent - Monthly Average Limit	Resolved - Pending	Resolved - Pending	Resolved - Pending	
	Pollutant	Disch Point	Mon Loc	Freq													
▶ CWA	BOD, carbonaceous [5 day, 20 C]	001 - 2	Effluent Gross	Mthly				40%	65%	100%		190%	100%			40%	65%
▶ CWA	BOD, carbonaceous [5 day, 20 C]	001 - 2	Effluent Gross	NMth				10%	33%			93%	33%				10%
▶ CWA	Chlorine, total residual	001 - 2	Effluent Gross	Mthly		19900%						82%	3264%				
▶ CWA	Chlorine, total residual	001 - 2	Effluent Gross	NMth		11479%						5%	1847%				
▶ CWA	E. coli	001 - 2	Effluent Gross	Mthly	36823%		130669%		2076823%	338362%	146054%	90669%	127592%		24131%	422977%	246054%
▶ CWA	E. coli	001 - 2	Effluent Gross	NMth	19900%		70733%		1124900%	183233%	79067%	49067%	69067%		13025%	229067%	133233%
▶ CWA	Nitrogen, ammonia total [as N]	001 - 2	Effluent Gross	Mthly		3%	135%	23%	775%	723%	68%	90%	610%			33%	875%
▶ CWA	Nitrogen, ammonia total [as N]	001 - 2	Effluent Gross	NMth			57%		483%	448%	12%	27%	373%				550%
▶ CWA	Oxygen, dissolved [DO]	001 - 2	Effluent Gross	Neither		19%											

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	Solids_total suspended	001 - 2	Effluent Gross	Mthly					100%			60%					97%
▶ CWA	Solids_total suspended	001 - 2	Effluent Gross	NMth					33%			7%					31%
Single Event Violations				Agency													
CWA	Management Practice Violations - Improper Operation and Maintenance			State			10/23/2020										
CWA	Management Practice Violations - Improper Operation and Maintenance			State									07/06/2022				
Compliance Schedule Violations				Case No.													
CWA	Achieve Final Compliance With All Obligations Under This order			KY-DOW-20-3-0332													05/31/2023

Informal Enforcement Actions Last 10 Years ▾

Statute	System	Source ID	Type of Action	Lead Agency	Date
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	07/07/2023
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	09/28/2022
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	07/06/2022
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	04/27/2022
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	12/13/2021
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	09/16/2021
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	06/24/2021
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	03/01/2021
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	11/25/2020
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	10/20/2020
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	05/28/2020
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	01/30/2020
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	04/27/2016
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	11/18/2015
CWA	ICIS-NPDES	KY0083577	Base Program - Notice of Violation	State	02/10/2015

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

Formal Enforcement Actions Last 10 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/KY0083577	Administrative - Formal	KY-DOW-20-3-0332	State	MAGRUDER VILLAGE WATER CORPORATION	03/10/2022	1	03/10/2022	\$0	\$500	--	\$0	\$0
CWA	ICIS-NPDES	OTHER	NPDES/KY0083577	Administrative - Formal	KY-DOW 160173	State	MAGRUDER VILLAGE WATER CORPORATION	05/03/2018	1	05/03/2018	\$0	\$0	--	\$0	\$0

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (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?
05140260701	Bayou Creek-Ohio River	BAYOU CRK, UT TO BAYOU CREEK	No	No	--	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
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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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

Compare to US State

Index Type Environmental Justice Supplemental

Related Reports

[EJScreen Community Report](#)

Facility 1-mile Radius Facility Census Block Group

Download Data

Census Block Group ID: 211450315011	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	0	1



Census Block Group ID: 211450315011	US (Percentile)	
Particulate Matter 2.5	64	72
Ozone	64	73
Diesel Particulate Matter	28	35
Air Toxics Cancer Risk	54	63
Air Toxics Respiratory Hazard Index	57	66
Traffic Proximity	2	26
Lead Paint	37	45
Risk Management Plan (RMP) Facility Proximity	49	63
Hazardous Waste Proximity	34	45
Superfund Proximity	71	80
Underground Storage Tanks (UST)	0	36
Wastewater Discharge	50	62



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	492
Population Density	158/sq.mi.
Housing Units in Area	204

General Statistics (ACS (American Community Survey))	
Total Persons	191
Percent People of Color	7%
Households in Area	83
Households on Public Assistance	1
Persons With Low Income	60
Percent With Low Income	32%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	37.097222
Center Longitude	-88.854167
Land Area	99%
Water Area	1%

Income Breakdown (ACS (American Community Survey)) - Households (%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	40 (8%)
Minors 17 years and younger	132 (27%)
Adults 18 years and older	359 (73%)
Seniors 65 years and older	41 (8%)

Race Breakdown (U.S. Census) - Persons (%)	
White	471 (96%)
African-American	2 (0%)
Hispanic-Origin	6 (1%)
Asian/Pacific Islander	3 (1%)
American Indian	1 (0%)
Other/Multiracial	14 (3%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2 (1.38%)
9th through 12th Grade	6 (4.14%)
High School Diploma	59 (40.69%)
Some College/2-year	40 (27.59%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	21 (14.48%)

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	9 (11.11%)
\$15,000 - \$25,000	11 (13.58%)
\$25,000 - \$50,000	21 (25.93%)
\$50,000 - \$75,000	14 (17.28%)
Greater than \$75,000	26 (32.1%)

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)