



Green Valley - Glenwood Public Service District

P.O. Box 1518
Bluefield, Wet Virginia 24701
(304) 325-6832

COMMISSIONERS:
J. W. Welch
J. H. Carter, Jr
Otis A. Bishop

June 23, 2023

To: [REDACTED]
[REDACTED]
[REDACTED]

From: John Parsons, WWTP Manager
Green Valley – Glenwood PSD
PO Box 1518
Bluefield, WV 24701

RE: 2020 – 2023 Total Cadmium Excursions

Dear Mr. [REDACTED]

Over the past three years the Total Cadmium results for IU12 on the NPDES WV0082627 Discharge Monitoring Report have been reported incorrectly. The commercial laboratory (Blue Ridge Analytical) providing the analysis and results has been reporting the Total Cadmium results in micrograms per liter. The required units are milligrams per liter. This error has resulted in non-compliance of your NPDES Permit.

After careful review of all Discharge Monitoring Reports submitted by IU12, all incorrect entries were updated and initialed by the Green Valley – Glenwood PSD WWTP Manager. All Discharge Monitoring Reports from December 2020 until May 2023 now reflect the correct entries for Total Cadmium in mg/l.

Attached is a listing of all corrected monthly Total Cadmium results during the above-mentioned reporting period. You may wish to change your copies accordingly to avoid any future discrepancies. The WVDEP will need to be notified, as all submitted NPDES DMRs will need to be updated.

It is mandated that Blue Ridge Analytical Laboratory be contacted by [REDACTED] to correct this reporting issue. Please submit a formal letter to Green Valley – Glenwood PSD within the next ten (10) days as proof that your contracted laboratory will be reporting the correct parameter units effective the upcoming June 2023 reporting period.

Thank you for your cooperation in this matter and please contact me at 304-425-1284 or email greenvalleywastewater@gmail.com if I may be of any further assistance.

Sincerely,

John Parsons, WWTP Manager

Green Valley – Glenwood PSD

"This is an Equal Opportunity Program. Discrimination is prohibited by Federal law. Complaints of discrimination may be filed with the Secretary of Agriculture, USDA, Washington, DC 20250-07C)"

2020

December = <0.0001 mg/l

2021

January = 0.0002

March = 0.008 (still above limit of 0.003 mg/l)

April = 0.008 (still above limit of 0.003 mg/l)

2022

May = 0.0038 (still above limit of 0.003 mg/l)

June = 0.0001

July = 0.0002

August = 0.0001

September = 0.0004

October = 0.0002

November = 0.0002

December = 0.0001

2023

January = 0.0002

February = 0.0001

March = <0.0001

April = 0.002

May = 0.002

Date	Reported ug/l	Actual mg/l	Permit Limit	Comments
Dec-20	<0.100	<0.0001	0.003	(Non detected)
Jan-21	0.164	0.0002	0.003	(Below 0.003 mg/l limit)
Mar-21	8.18	0.008	0.003	(0.005 mg/l above 0.003 mg/l limit)
Apr-21	0.18	0.008	0.003	(0.005 mg/l above 0.003 mg/l limit)
May-22	3.77	0.0038	0.003	(0.0008 mg/l above 0.003 mg/l limit)
Jun-22	0.104	0.0001	0.003	(Below 0.003 mg/l limit)
Jul-22	0.162	0.0002	0.003	(Below 0.003 mg/l limit)
Aug-22	0.12	0.0001	0.003	(Below 0.003 mg/l limit)
Sep-22	0.393	0.0004	0.003	(Below 0.003 mg/l limit)
Oct-22	0.178	0.0002	0.003	(Below 0.003 mg/l limit)
Nov-22	0.178	0.0002	0.003	(Below 0.003 mg/l limit)
Dec-22	0.101	0.0001	0.003	(Below 0.003 mg/l limit)
Jan-23	0.204	0.0002	0.003	(Below 0.003 mg/l limit)
Feb-23	0.117	0.0001	0.003	(Below 0.003 mg/l limit)
Mar-23	<0.100	<0.0001	0.003	(Non detected)
Apr-23	1.63	0.002	0.003	(Below 0.003 mg/l limit)
May-23	0.00252	0.002	0.003	(Below 0.003 mg/l limit)



2280 West Ridge Road
Wytheville, VA 24382
P:(276)228-6464
F:(276)228-2325

June 27, 2023

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
RE: Cadmium Reporting Units

Dear Mr. [REDACTED]

Thank you for forwarding Mr. John Parsons' correspondence dated June 23, 2023, regarding the reporting units for cadmium to us.

Unless instructed otherwise, we normally report ICP-MS (EPA 200.8) metals in $\mu\text{g/L}$. Now that we are aware of this requirement, we will begin reporting your cadmium results in mg/L immediately. I apologize for any inconvenience.

Please feel free to contact me if you have any questions.

Sincerely,

Gary Mychel Johnson
President / Laboratory Director
mychel@blueridgeanalytical.com

C: John Parsons, Green Valley – Glenwood PSD



www.blueridgeanalytical.com



Green Valley - Glenwood Public Service District

P.O. Box 1518
Bluefield, West Virginia 24701
(304) 325-6832

COMMISSIONERS:
J. W. Welch
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July 20, 2023

To: WVDEP Division of Water & Waste Management

601 57 Street, SE

Charleston, WV 25304

Attention Mr. Scott Mandirola, Director

From: John Parsons, WWTP Manager

Green Valley - Glenwood PSD

PO Box 1518

Bluefield, WV 24701

RE: WV0082627 IU12 Cadmium Testing Results

Dear Mr. Mandirola,

As part of the 2023 NPDES WV0082627 Permit Renewal Application, a request to increase the Cadmium limits for IU12, [REDACTED] was filed by the Green Valley - Glenwood PSD. Over the course of the 2019 to 2023 NPDES Permit period, it appeared that IU12 consistently was unable to meet the Cadmium maximum daily limit of 0.003 mg/l.

Upon further investigation of the situation, it was discovered that IU12's contract laboratory, Blue Ridge Analytical has been reporting the monthly Cadmium result as µg/l as opposed to the required mg/l units. I have gone through all monthly DMR reports since May 2020 and converted the units to mg/l. During this process it has been determined that IU12 has not been out of compliance with the NPDES Permit.

IU12 has been notified in writing from Green Valley - Glenwood PSD advising its commercial laboratory to implement the correct reporting units effective immediately. The district has received a letter from Blue Ridge Analytical informing the industrial user that all future Cadmium results will be reported in mg/l.

Green Valley - Glenwood PSD is requesting the WVDEP to unlock all eDMRs from May 2020 through April 2023 so the Cadmium results may be corrected if the WVDEP Director deems suitable.

If you have any questions or concerns, please contact me at 304-425-1284 or email greenvalleywastewater@gmail.com.

Sincerely,

John Parsons, WWTP Manager

Green Valley - Glenwood PSD