

Compliance Maintenance Annual Report

My Wastewater Treatment Facility

Last Updated: Reporting For:
3/30/2020 **2019**

Biosolids Quality and Management

1. Biosolids Use/Disposal

1.1 How did you use or dispose of your biosolids? (Check all that apply)

- Land applied under your permit
- Publicly Distributed Exceptional Quality Biosolids
- Hauled to another permitted facility
- Landfilled
- Incinerated
- Other

NOTE: If you did not remove biosolids from your system, please describe your system type such as lagoons, reed beds, recirculating sand filters, etc.

1.1.1 If you checked Other, please describe:

2. Land Application Site

2.1 Last Year's Approved and Active Land Application Sites

2.1.1 How many acres did you have?

168 acres

2.1.2 How many acres did you use?

acres

2.2 If you did not have enough acres for your land application needs, what action was taken?

2.3 Did you overapply nitrogen on any of your approved land application sites you used last year?

- Yes (30 points)
- No

2.4 Have all the sites you used last year for land application been soil tested in the previous 4 years?

- Yes
- No (10 points)
- N/A

0

3. Biosolids Metals

Number of biosolids outfalls in your WPDES permit:

3.1 For each outfall tested, verify the biosolids metal quality values for your facility during the last calendar year.

Outfall No. 002 - SLUDGE

Parameter	80% of Limit	H.Q. Limit	Ceiling Limit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	80% Value	High Quality	Ceiling
Arsenic		41	75									<39					0	0
Cadmium		39	85									<2.7					0	0
Copper		1500	4300									1180					0	0
Lead		300	840									<17					0	0
Mercury		17	57									.16					0	0
Molybdenum	60		75									<8.4			0			0
Nickel	336		420									<17			0			0
Selenium	80		100									<95			0			0
Zinc		2800	7500									791					0	0

3.1.1 Number of times any of the metals exceeded the high quality limits OR 80% of the limit for molybdenum, nickel, or selenium = 0

Exceedence Points

- 0 (0 Points)

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- 1-2 (10 Points)
- > 2 (15 Points)
- 3.1.2 If you exceeded the high quality limits, did you cumulatively track the metals loading at each land application site? (check applicable box)
 - Yes
 - No (10 points)
 - N/A - Did not exceed limits or no HQ limit applies (0 points)
 - N/A - Did not land apply biosolids until limit was met (0 points)
- 3.1.3 Number of times any of the metals exceeded the ceiling limits = 0
Exceedence Points
 - 0 (0 Points)
 - 1 (10 Points)
 - > 1 (15 Points)
- 3.1.4 Were biosolids land applied which exceeded the ceiling limit?
 - Yes (20 Points)
 - No (0 Points)
- 3.1.5 If any metal limit (high quality or ceiling) was exceeded at any time, what action was taken? Has the source of the metals been identified?

0

4. Pathogen Control (per outfall):

4.1 Verify the following information. If any information is incorrect, use the Report Issue button under the Options header in the left-side menu.

Outfall Number:	002
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2019 - 12/31/2019
Density:	24,300
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Aerobic Digestion
Process Description:	Sludge removed by Pickett's Septic was hauled to Reedsburg Wastewater Treatment facility for further treatment and disposal, Reedsburg produces Class A sludge.

Outfall Number:	002
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2019 - 12/31/2019
Density:	77,900
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Aerobic Digestion
Process Description:	Sludge removed by Bytec in May 2019 was land applied to DNR site #10329; field #CSG1-A.

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4.2 If exceeded Class B limit or did not meet the process criteria at the time of land application.
4.2.1 Was the limit exceeded or the process criteria not met at the time of land application?

Yes (40 Points)

No

If yes, what action was taken?

5. Vector Attraction Reduction (per outfall):
5.1 Verify the following information. If any of the information is incorrect, use the Report Issue button under the Options header in the left-side menu.

Outfall Number:	002
Method Date:	12/31/2019
Option Used To Satisfy Requirement:	Injection when land apply
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	
Results (if applicable):	

5.2 Was the limit exceeded or the process criteria not met at the time of land application?

Yes (40 Points)

No

If yes, what action was taken?

6. Biosolids Storage
6.1 How many days of actual, current biosolids storage capacity did your wastewater treatment facility have either on-site or off-site?

>= 180 days (0 Points)

150 - 179 days (10 Points)

120 - 149 days (20 Points)

90 - 119 days (30 Points)

< 90 days (40 Points)

N/A (0 Points)

6.2 If you checked N/A above, explain why.

7. Issues
7.1 Describe any outstanding biosolids issues with treatment, use or overall management:

Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	