

**McCloud CSD**  
 WDID # 5A470102002  
 Monitoring and Reporting Program No. R5-2017-0078

**INFLUENT MONITORING**

Influent flow:

Amount	Month 1	Month 2	Month 3
Total Gallons	7,556,000	6,690,000	7,611,000
Average GPD	244,000	239,000	246,000

GPD denotes, Gallons Per Day

**Note:** SCADA influent meter may be miss-reading actual main flow due to grit buildup in pipe main and possibly be out of calibration due to flimsy mounting bracket. We will be hydro jet cleaning entire system April and May 2019. Will report on metering problem solved in next quarterly report.

**EFFLUENT MONITORING**

Quarterly Sampling point EFF-1:

Constituent	Units	Results
RP elevation, approx. MSL	0.01 Feet	3,192.37
Groundwater Elevation	0.01 Feet	3,181.28
Depth to Groundwater	0.01 Feet	11.09
Dissolved Oxygen	mg/L	3.9
pH	Standard	6.57
EC	umhos/cm	340
BOD	mg/L	6
TDS	mg/L	144
FDS	mg/L	95
Total Kjeldahl Nitrogen	mg/L	10.2
Ammonia as N	mg/L	10.4
Nitrate as N	mg/L	<0.02
Nitrite as N	mg/L	0.004J
Total Nitrogen	mg/L	10.2

**POND MONITORING**

Pond 1- Quarterly Laboratory monitoring:

Constituent	Units	Results
Dissolved Oxygen*	mg/L	6.9
pH	Standard	7.54
EC	umhos/cm	117
BOD	mg/L	46
TDS	mg/L	107
FDS	mg/L	71
Total Kjeldahl Nitrogen	mg/L	10.8
Ammonia as N	mg/L	3.12
Nitrate as N	mg/L	0.04J
Nitrite as N	mg/L	0.008J
Total Nitrogen	mg/L	10.9
Freeboard	0.1 feet	3.7
Berm Condition	observations	Good

# Monitoring Report Submittal Form

Attn:

Ron Falkowski  
Region 5 Redding Office

Discharger: McCloud Community Services District  
Name of Facility: McCloud WWTF  
Order Number: R5-2017-0078  
WDID: 5A470102002  
County: Siskiyou

I am hereby submitting to the Central Valley Regional Water Quality Control Board the following information:

**Check all that apply:**

Monthly Monitoring Report for the month of \_\_\_\_\_

1<sup>st</sup> / 2<sup>nd</sup> / 3<sup>rd</sup> / 4<sup>th</sup> (**circle one**) Quarterly Monitoring Report for the year of 2019

1<sup>st</sup> / 2<sup>nd</sup> (**circle one**) Semi-annual Monitoring Report for the year of \_\_\_\_\_

Annual Monitoring Report for the year \_\_\_\_\_

**Violation Notification**

During the monitoring period there were /  were not (**circle one**) any violations of the WDRs.

- The violations were:
  
- Have the violations been corrected? Yes / No (**circle one**). If no, what will be done to correct the violations?

**Certification Statement**

*"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."*

Signature:  Date: 4/25/18

Print Name: Kevin Dalton Position: General Manager

Contact Phone #: 530-964-2017

**McCloud CSD**  
**WDID # 5A470102002**  
**Monitoring and Reporting Program No. R5-2017-0078**

\*Dissolved Oxygen monitoring applies to any pond containing more than two feet of standing wastewater.  
 J indicates detected, but below the reporting limit; therefore, result is an estimated concentration.

**Pond 1- Monthly Observations**

Pond conditions Pond 1			
Condition	Month 1	Month 2	Month 3
Weeds in water or along berm	None	None	None
Algae, vegetation, scum, or debris on pond surface	None	None	None
Animal burrows in berms	None	None	None
Seepage from berms or downslope of ponds	None	None	None
Tears, abrasions, cracks, and holes in liners	None	None	None

**QUARTERLY GROUNDWATER MONITORING**

Constituent	Units	MW-1	MW-2	MW-3
RP elevation, approx. MSL	0.01 Feet	3,190.50	3,186.33	3,160.33
Groundwater Elevation	0.01 Feet	3,188.19	<3,171.66	3,154.73
Depth to Groundwater	0.01 Feet	2.31	Dry (>14.67)	5.60
Gradient	Feet/Feet	0.022	-	0.022
Gradient Direction	Degrees	176°27'50"	-	176°27'50"
pH	Standard	7.30	-	6.57
Total Dissolved Solids	mg/L	69	-	65
Nitrate as N	mg/L	0.17	-	1.07
Nitrite as N	mg/L	0.003J	-	<0.003
Ammonia as N	mg/L	<0.025	-	<0.025
Total Kjeldahl Nitrogen	mg/L	0.25	-	0.20J
Total Nitrogen	mg/L	0.420	-	1.26
Sodium	mg/L	5.7	-	3.9
Chloride	mg/L	0.39J	-	0.46J
Total Coliform Organisms	MPN/100 mL	<2	-	<2

J indicates detected, but below the reporting limit; therefore, result is an estimated concentration.

**McCloud CSD**  
WDID # 5A470102002  
Monitoring and Reporting Program No. R5-2017-0078

**SOLIDS/BIOSOLIDS DISPOSAL MONITORING**

Annual Volume Generated (dry metric tons per year): 0

Annual Monitoring\*: Comprehensive test results of older stockpile previously submitted 1/9/19

Parameter	Units	Results
Arsenic	mg/Kg	
Lead	mg/Kg	
Nickel	mg/Kg	
Cadmium	mg/Kg	
Mercury	mg/Kg	
Selenium	mg/Kg	
Copper	mg/Kg	
Molybdenum	mg/Kg	
Zinc	mg/Kg	
Total Nitrogen	mg/Kg	
Total Solids	mg/Kg	

\*If annual volume generated exceeds 290 dry metric tons per year, see Monitoring and Reporting Program R5-2017-0078 for schedule of monitoring frequency based on volume generated.