APPENDIX 2 - C
Available Water Records

Month: Jan Year: 2017

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used** ☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
2	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
3	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
4	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.3	6.0
5	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
6	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.6	6.2
7	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.3	6.5
8	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.2	4.9
9	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	1.8	4.4
10	5.0	0.030	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	1.0	4.2
11	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	1.3	4.3
12	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	1.4	4.3
13	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
14	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
15	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
16	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
17	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.7	6.6
18	2.0	0.010	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
19	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.5	5.7
20	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
21	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
22	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
23	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
24	4.0	0.020	7.60	0.11	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
25	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
26	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.6	5.4
27	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
28	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
29	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.6	6.2
30	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.3	6.0
31	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.05		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.8	5.4
	Total	0.890	MGD			Max NTU=	**0.1**	49	49		31	1									Lowest I.R. =		4.2

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Feb Year: 2017

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥ 1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.4	5.3
2	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.4	5.3
3	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.3	5.2
4	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.0	5.1
5	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.1	5.2
6	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.3	5.2
7	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.9	5.1
8	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.8	5.1
9	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
10	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
11	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.2	6.0
12	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.3	6.0
13	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
14	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.0	5.9
15	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.8	5.8
16	5.0	0.030	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.9	5.9
17	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.0	5.9
18	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
19	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
20	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.9	5.9
21	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
22	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
23	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.8	5.4
24	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.3	5.2
25	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.8	5.4
26	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
27	0.0	0.010	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.5	5.7
28	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
29																							
30																							
31																							
	Total	0.730	MGD			Max NTU=	0.1	42	42		28											Lowest I.R. =	

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Mar Year: 2017

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= **0.3** MAX= **1.0 NTU** ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Turbidity Meas. 2 (B)	Number of Turbidity Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	**8934**	140.9	211.3	7.68	6.4	6.1
2	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
3	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.0	6.8
4	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.8	5.8
5	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.6	6.6
6	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.0	5.5
7	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.0	5.9
8	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
9	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
10	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.9	6.7
11	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.5	5.7
12	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.6	**5.4**
13	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.0	7.3
14	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.1	6.4
15	5.0	0.030	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.2	6.9
16	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.8	6.7
17	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.8	6.2
18	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.2	7.9
19	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.6	8.7
20	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.7	7.6
21	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.4	7.5
22	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.4	7.5
23	4.0	0.020	7.60	0.11	27.0		0.11	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.4	7.5
24	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.0	7.3
25	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
26	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.8	7.7
27	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.1	7.3
28	4.0	0.020	7.60	0.70	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.7	8.2
29	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.5	8.1
30	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.0	7.8
31	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.4	8.0
	Total	0.820	MGD			Max NTU=	**0.1**	48	48		31										Lowest I.R. =		5.4

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Apr Year: 2017

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used** ☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	2.0	0.010	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.3	7.4
2	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.6	8.7
3	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.4	8.6
4	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.1	7.8
5	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.3	6.9
6	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.8	7.2
7	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.7	7.6
8	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.5	8.6
9	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.0	11.0
10	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.8	9.5
11	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.6	8.7
12	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.1	10.3
13	2.0	0.010	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.1	10.3
14	4.0	0.020	7.60	0.11	27.0		0.11	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.3	8.0
15	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.6	8.1
16	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.6	8.1
17	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.4	8.6
18	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.1	7.3
19	4.0	0.020	7.60	0.11	27.0		0.11	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.1	9.7
20	4.0	0.020	7.60	0.11	27.0		0.11	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.0	10.3
21	2.0	0.010	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.3	11.2
22	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.9	12.6
23	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.6	9.3
24	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.4	8.6
25	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.0	7.8
26	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.5	7.0
27	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.2	6.9
28	5.0	0.030	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.4	6.5
29	5.0	0.030	7.60	0.02	27.0		0.12	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.1	7.8
30	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.3	8.5
31																							
	Total	0.830	MGD			Max NTU=	**0.1**	49	49		30											Lowest I.R. =	

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: May Year: 2017

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311

Check Type of NTU Measurements Used ☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Turbidity Meas. 2 (B)	Number of Turbidity Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.6	8.7
2	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.3	8.5
3	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.6	9.3
4	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.2	13.8
5	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.2	13.8
6	5.0	0.030	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.8	13.4
7	5.0	0.030	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.8	10.9
8	5.0	0.030	7.60	0.10	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.9	10.2
9	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.6	10.7
10	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.0	11.8
11	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.0	13.6
12	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.7	14.2
13	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.4	10.6
14	2.0	0.010	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.1	9.7
15	2.0	0.010	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.1	9.0
16	2.0	0.010	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.1	8.4
17	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.7	8.2
18	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.8	8.8
19	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.3	9.1
20	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.1	14.6
21	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.9	11.7
22	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.4	12.1
23	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.7	13.3
24	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.0	11.8
25	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.8	10.1
26	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.1	11.1
27	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.3	12.1
28	9.0	0.050	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.6	13.2
29	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.6	13.2
30	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.4	14.9
31	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.5	16.1
	Total	1.150	MGD			Max NTU=	0.1	66	66		31											Lowest I.R. =	8.2

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 = _____

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: June Year: 2017

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311

Check Type of NTU Measurements Used: ☐ In-Line ☐ Bench-Top

Filtration Type: Conventional MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Turbidity Meas. 2 (B)	Number of Turbidity Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 15
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.2	12.8
2	9.0	0.050	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.7	13.3
3	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.0	13.6
4	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.8	15.4
5	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.9	12.6
6	10.0	0.060	7.60	0.05	27.0		0.05	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.7	13.3
7	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.1	14.6
8	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.9	16.6
9	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.4	13.9
10	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.3	12.1
11	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.0	12.7
12	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.5	12.2
13	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.4	12.1
14	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.4	13.0
15	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.9	12.6
16	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.6	13.2
17	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.8	13.8
18	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.0	13.6
19	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.2	12.8
20	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.9	17.8
21	9.0	0.050	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.7	15.3
22	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.4	13.9
23	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.3	12.9
24	12.0	0.070	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.3	14.8
25	14.0	0.080	7.60	0.05	27.0		0.05	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.7	16.4
26	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.8	15.4
27	12.0	0.070	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.9	15.5
28	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.3	14.8
29	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.7	12.4
30	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.2	14.7
31																							
	Total	1.680	MGD			Max NTU=	0.1	85	85		30											Lowest I.R. =	

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: July Year: 2017

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used** ☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.8	14.3
2	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.7	16.4
3	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.3	15.9
4	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.7	15.3
5	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.3	17.1
6	15.0	0.090	7.60	0.10	27.0		0.10	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	23.9	20.4
7	14.0	0.080	7.60	0.12	27.0		0.12	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	24.3	21.0
8	14.0	0.080	7.60	0.08	27.0		0.08	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	24.4	21.1
9	14.0	0.080	7.60	0.10	27.0		0.10	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.6	18.7
10	14.0	0.080	7.60	0.09	27.0		0.09	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.9	16.6
11	14.0	0.080	7.60	0.09	27.0		0.09	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.0	15.6
12	12.0	0.070	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.4	16.0
13	14.0	0.080	7.60	0.10	27.0		0.10	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.1	18.0
14	14.0	0.080	7.60	0.10	27.0		0.10	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.8	18.9
15	14.0	0.080	7.60	0.11	27.0		0.11	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	24.0	20.6
16	14.0	0.080	7.60	0.12	27.0		0.12	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.4	18.4
17	12.0	0.070	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.4	16.0
18	14.0	0.080	7.60	0.09	27.0		0.09	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.8	16.5
19	12.0	0.070	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.6	17.4
20	15.0	0.090	7.60	0.09	27.0		0.09	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.2	18.1
21	14.0	0.080	7.60	0.08	27.0		0.08	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.0	17.9
22	14.0	0.080	7.60	0.07	27.0		0.07	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.9	17.8
23	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	24.2	20.8
24	12.0	0.070	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.5	16.1
25	10.0	0.060	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.0	15.6
26	14.0	0.080	7.60	0.10	27.0		0.10	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.1	16.8
27	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.6	16.2
28	14.0	0.080	7.60	0.06	27.0		0.06	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.0	16.7
29	14.0	0.080	7.60	0.09	27.0		0.09	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.8	17.7
30	15.0	0.090	7.60	0.08	27.0		0.08	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.9	19.1
31	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.1	18.0
	Total	2.240	MGD			Max NTU=	0.1	109	109		31										Lowest I.R. =		14.3

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Aug Year: 2017

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District

Prepared by: G Walker

PWSID: MT0000311

Check Type of NTU Measurements Used

☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select: Coagulant	Polymer	Max. NTU Finish Water	Turbidity Meas. 2 (B)	Number of Turbidity Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.0	15.6
2	14.0	0.080	7.60	0.05	27.0		0.05	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.4	13.9
3	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.1	14.6
4	14.0	0.080	7.60	0.06	27.0		0.06	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.4	14.9
5	12.0	0.070	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.4	13.9
6	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.8	14.3
7	14.0	0.080	7.60	0.08	27.0		0.08	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.2	16.9
8	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.9	15.5
9	12.0	0.070	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.4	16.0
10	12.0	0.070	7.60	0.05	27.0		0.05	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.8	15.4
11	9.0	0.050	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.6	14.1
12	14.0	0.080	7.60	0.05	27.0		0.05	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.4	17.2
13	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.2	15.8
14	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.6	14.3
15	10.0	0.060	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.4	13.9
16	14.0	0.080	7.60	0.06	27.0		0.06	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.8	15.4
17	12.0	0.070	7.60	0.05	27.0		0.05	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.9	15.5
18	12.0	0.070	7.60	0.05	27.0		0.05	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.1	15.7
19	14.0	0.080	7.60	0.06	27.0		0.06	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.5	15.0
20	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.3	13.8
21	14.0	0.080	7.60	0.09	27.0		0.09	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.8	14.3
22	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.9	15.5
23	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.8	15.4
24	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.3	14.8
25	14.0	0.080	7.60	0.06	27.0		0.06	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.2	15.8
26	12.0	0.070	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.6	15.2
27	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.2	15.8
28	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.9	17.8
29	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.0	15.6
30	12.0	0.070	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.8	15.4
31	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.4	16.0
	Total	2.130	MGD			Max NTU=	0.1	100	100		31										Lowest I.R. =		13.8

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: SEP Year: 2017

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥ 1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.6	15.2
2	12.0	0.070	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.8	15.4
3	15.0	0.090	7.60	0.07	27.0		0.07	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.4	14.9
4	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.3	13.8
5	12.0	0.070	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.8	13.4
6	10.0	0.060	7.60	0.05	27.0		0.05	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.8	14.3
7	15.0	0.090	7.60	0.05	27.0		0.05	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.1	15.7
8	4.0	0.020	7.60	0.04	27.0		0.04	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.6	12.3
9	9.0	0.050	7.60	0.05	27.0		0.05	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.0	13.6
10	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.0	15.6
11	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.2	15.8
12	10.0	0.060	7.60	0.05	27.0		0.05	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.0	14.5
13	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.6	13.2
14	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.2	10.4
15	10.0	0.060	7.60	0.04	27.0		0.04	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.9	8.9
16	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.0	8.9
17	7.0	0.040	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.1	10.3
18	9.0	0.050	7.60	0.04	27.0		0.04	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.4	9.9
19	7.0	0.040	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.3	9.8
20	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.9	8.9
21	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.2	9.1
22	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.6	8.1
23	7.0	0.040	7.60	0.03	27.0		0.03	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.6	8.1
24	9.0	0.050	7.60	0.04	27.0		0.04	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.3	9.8
25	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.3	9.8
26	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.6	10.7
27	9.0	0.050	7.60	0.04	27.0		0.04	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.4	12.1
28	5.0	0.030	7.60	0.03	27.0		0.03	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.0	11.0
29	9.0	0.050	7.60	0.03	27.0		0.03	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.0	11.8
30	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.1	11.1
31																							
Total		1.430	MGD			Max NTU=	0.1	76	76		30												Lowest I.R. =

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Oct Year: 2017

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.5	9.3
2	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.3	8.0
3	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.9	6.3
4	5.0	0.030	7.60	0.03	27.0		0.03	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.0	6.3
5	5.0	0.030	7.60	0.02	27.0		0.02	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.5	7.5
6	5.0	0.030	7.60	0.02	27.0		0.02	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.5	8.1
7	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.6	8.7
8	7.0	0.040	7.60	0.03	27.0		0.03	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
9	7.0	0.040	7.60	0.03	27.0		0.03	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.4	7.0
10	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.7	8.2
11	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.5	8.1
12	5.0	0.030	7.60	0.03	27.0		0.03	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.0	7.3
13	7.0	0.040	7.60	0.02	27.0		0.02	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.1	6.4
14	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.4	6.5
15	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
16	7.0	0.040	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.9	7.7
17	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.2	10.4
18	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.9	8.3
19	7.0	0.040	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.9	8.9
20	7.0	0.040	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.8	8.2
21	5.0	0.030	7.60	0.02	27.0		0.02	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.1	7.8
22	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.7	6.6
23	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.0	8.3
24	4.0	0.020	7.60	0.03	27.0		0.03	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.2	8.5
25	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.2	7.4
26	5.0	0.030	7.60	0.03	27.0		0.03	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
27	2.0	0.010	7.60	0.04	27.0		0.04	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.2	7.9
28	4.0	0.020	7.60	0.02	27.0		0.02	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.8	7.7
29	5.0	0.030	7.60	0.03	27.0		0.03	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.6	6.6
30	5.0	0.030	7.60	0.03	27.0		0.03	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.7	6.6
31	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.9	6.7
	Total	0.960	MGD			Max NTU=	**0.1**	58	58		31											Lowest I.R. =	6.3

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Nov Year: 2016

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used** ☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.7	7.1
2	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.4	6.5
3	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.1	7.8
4	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.8	7.7
5	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.8	7.7
6	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.5	7.5
7	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.2	6.9
8	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.2	7.4
9	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.2	8.5
10	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.6	7.6
11	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.7	7.6
12	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.8	7.7
13	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.6	7.6
14	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.6	7.6
15	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.4	7.5
16	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.4	6.5
17	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.8	6.7
18	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.9	6.7
19	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.7	6.2
20	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.6	6.2
21	4.0	0.020	7.60	0.08	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.4	6.5
22	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.2	6.4
23	10.0	0.060	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
24	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.5	5.7
25	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.8	6.2
26	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.0	5.9
27	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
28	9.0	0.050	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.3	5.2
29	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.9	5.9
30	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.0	5.1
31																							
	Total	1.130	MGD			Max NTU=	**0.1**	61	61		30											Lowest I.R. =	

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Jan Year: 2015

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥ 1.0

Name of Water System: Power Teton Co Water District

Prepared by: G Walker

PWSID: MT0000311

Check Type of NTU Measurements Used: ☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional**

MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
2	2.0	0.010	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.2	6.4
3	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.9	6.3
4	2.0	0.010	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.7	5.4
5	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.4	5.3
6	2.0	0.010	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.2	5.2
7	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.3	5.2
8	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.1	5.2
9	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.6	5.4
10	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.7	5.4
11	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.1	5.2
12	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.0	5.1
13	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
14	2.0	0.010	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.5	5.3
15	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
16	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.3	5.2
17	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.8	5.8
18	2.0	0.010	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
19	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.8	5.4
20	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.2	5.2
21	2.0	0.010	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
22	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.5	5.7
23	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
24	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
25	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
26	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
27	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.0	5.9
28	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
29	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.6	5.4
30	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
31	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.05		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.6	5.0
	Total	0.640	MGD			Max NTU=	0.1	38	38		31	1										Lowest I.R. =	5.0

MGM

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Feb Year: 2015

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used** ☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	2.0	0.010	7.60	0.08	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.0	5.1
2	4.0	0.020	7.60	0.07	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.9	5.1
3	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.6	5.1
4	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
5	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.2	6.0
6	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.0	5.9
7	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
8	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
9	2.0	0.010	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
10	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
11	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
12	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.0	5.5
13	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.2	6.0
14	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.8	6.2
15	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.9	6.3
16	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.3	6.0
17	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.7	6.2
18	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.9	6.3
19	2.0	0.010	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.8	6.2
20	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.6	6.2
21	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
22	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
23	2.0	0.010	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.4	5.3
24	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.0	5.1
25	2.0	0.010	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
26	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.7	5.0
27	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.7	5.0
28	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
29																							
30																							
31																							
	Total	0.570	MGD			Max NTU=	0.1	33	33		28											Lowest I.R. =	

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Mar Year: 2015

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District

Prepared by: G Walker

PWSID: MT0000311

Check Type of NTU Measurements Used

☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.5	5.3
2	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
3	4.0	0.020	7.60	0.04	27.0		0.04	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
4	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.5	5.3
5	4.0	0.020	7.60	0.12	27.0		0.12	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.0	5.5
6	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
7	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
8	2.0	0.010	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
9	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
10	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.3	6.0
11	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.8	6.7
12	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
13	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.1	7.3
14	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.6	7.6
15	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
16	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.1	6.8
17	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.1	6.4
18	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.4	6.5
19	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.9	6.7
20	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.7	7.1
21	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.6	7.6
22	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.2	7.4
23	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
24	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.0	7.3
25	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.2	7.4
26	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.4	8.0
27	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.4	9.9
28	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.7	8.8
29	2.0	0.010	7.60	0.04	27.0		0.04	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.8	8.2
30	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.3	8.0
31	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.3	9.1
	Total	0.660	MGD			Max NTU=	**0.1**	37	37		31											Lowest I.R. =	5.3

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Apr Year: ~~2017~~ 2015

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used** ☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
2	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
3	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.0	6.8
4	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.8	5.8
5	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.6	6.7
6	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.0	5.5
7	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.0	5.9
8	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
9	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
10	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.9	6.7
11	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.5	5.7
12	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.6	5.4
13	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.0	7.3
14	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.1	6.4
15	5.0	0.030	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.2	6.9
16	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.8	6.7
17	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.8	6.2
18	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.2	7.9
19	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.6	8.7
20	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.7	7.6
21	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.4	7.5
22	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.4	7.5
23	4.0	0.020	7.60	0.11	27.0		0.11	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.4	7.5
24	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.0	7.3
25	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
26	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.8	7.7
27	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.1	7.3
28	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.7	8.2
29	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.5	8.1
30	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.0	7.8
31	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50											
Total		0.820	MGD			Max NTU=	0.1	48	48		31											Lowest I.R. =	

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: May Year: 2015

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥ 1.0

Name of Water System: Power Teton Co Water District

Prepared by: G Walker

PWSID: MT0000311

Check Type of NTU Measurements Used

Filtration Type: **Conventional** MCL= **0.3** MAX= **1.0 NTU**

☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration: Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.2	11.2
2	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	**8934**	140.9	211.3	7.68	15.2	**10.3**
3	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.6	10.4
4	14.0	0.080	7.60	0.11	27.0		0.11	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.3	11.0
5	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.2	11.3
6	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.4	10.7
7	7.0	0.040	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.3	10.2
8	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.7	9.0
9	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.4	9.0
10	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.4	10.2
11	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.4	9.9
12	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.0	9.1
13	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.0	8.7
14	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.4	8.1
15	4.0	0.020	7.60	0.07	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.2	7.9
16	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.3	8.0
17	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.4	7.5
18	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.2	7.7
19	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.1	8.0
20	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.4	8.7
21	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.0	10.0
22	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.2	11.7
23	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.4	10.9
24	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	**8934**	140.9	211.3	7.68	14.2	10.3
25	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.0	11.6
26	4.0	0.020	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.3	11.4
27	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.1	11.8
28	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.3	10.8
29	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.1	10.3
30	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.0	11.8
31	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.6	12.7
Total		1.070	MGD			Max NTU=	**0.1**	60	60		31											Lowest I.R. =	7.5

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: June Year: 2015

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= **0.3** MAX= **1.0 NTU** ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.2	13.8
2	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.3	12.9
3	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.1	11.9
4	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.2	13.8
5	9.0	0.050	7.60	0.05	27.0		0.05	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.7	14.2
6	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.2	16.9
7	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.4	17.2
8	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.5	17.3
9	14.0	0.080	7.60	0.10	27.0		0.10	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.6	17.4
10	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.2	16.9
11	9.0	0.050	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.0	16.7
12	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.3	17.1
13	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.6	16.2
14	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.4	13.9
15	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.6	13.2
16	12.0	0.070	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.0	15.6
17	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.1	15.7
18	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.2	12.8
19	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.2	13.8
20	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.9	15.5
21	10.0	0.060	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.6	14.1
22	12.0	0.070	7.60	0.12	27.0		0.12	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.1	14.6
23	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.1	15.7
24	12.0	0.070	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.1	15.7
25	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.5	16.1
26	14.0	0.080	7.60	0.07	27.0		0.07	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	23.1	19.3
27	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.5	18.5
28	12.0	0.070	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	23.1	19.3
29	12.0	0.070	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.8	18.9
30	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	24.8	21.7
31																							
	Total	1.640	MGD			Max NTU=	0.1	82	82		30											Lowest I.R. =	

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: July Year: 2015

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	14.0	0.080	7.60	0.10	27.0		0.10	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.6	18.7
2	14.0	0.080	7.60	0.09	27.0		0.09	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.5	18.5
3	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.4	18.4
4	10.0	0.060	7.60	0.12	27.0		0.12	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.0	17.9
5	9.0	0.050	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.3	14.8
6	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.6	14.1
7	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.6	13.2
8	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.4	14.9
9	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.9	15.5
10	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.1	16.8
11	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.1	15.7
12	10.0	0.060	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.5	16.1
13	10.0	0.060	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.4	16.0
14	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.4	16.0
15	9.0	0.050	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.4	16.0
16	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.9	13.5
17	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.7	12.4
18	9.0	0.050	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.6	12.3
19	10.0	0.060	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.8	14.3
20	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.2	15.8
21	17.0	0.100	7.60	0.10	27.0		0.10	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.2	16.9
22	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.6	16.2
23	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.9	15.5
24	10.0	0.060	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.2	15.8
25	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.8	16.5
26	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.6	16.2
27	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.6	15.2
28	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.1	14.6
29	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.4	14.9
30	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.7	17.5
31	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.5	17.3
	Total	1.770	MGD			Max NTU=	0.1	92	92		31											Lowest I.R. =	12.3

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Aug Year: 2015

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥ 1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.7	14.2
2	12.0	0.070	7.60	0.05	27.0		0.05	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.2	18.1
3	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.1	16.8
4	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.3	17.1
5	9.0	0.050	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.4	14.9
6	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.7	14.2
7	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.2	15.8
8	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.9	14.4
9	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.7	15.3
10	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.1	16.8
11	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.7	17.5
12	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.4	17.2
13	10.0	0.060	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.1	16.8
14	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	23.3	19.6
15	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.1	16.8
16	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.9	15.5
17	9.0	0.050	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.1	14.6
18	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.9	13.5
19	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.2	13.8
20	10.0	0.060	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.1	13.7
21	9.0	0.050	7.60	0.12	27.0		0.12	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.7	14.2
22	7.0	0.040	7.60	0.12	27.0		0.12	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.0	13.6
23	12.0	0.070	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.0	13.6
24	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.1	14.6
25	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.0	14.5
26	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.6	15.2
27	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.2	14.7
28	12.0	0.070	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.8	16.5
29	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.9	14.4
30	10.0	0.060	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.1	15.7
31	4.0	0.020	7.60	0.09	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.6	14.1
Total		1.670	MGD			Max NTU=	0.1	86	86		31											Lowest I.R. =	13.5

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: SEP Year: 2015

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥ 1.0

Name of Water System: Power Teton Co Water District

Prepared by: G Walker

PWSID: MT0000311

Check Type of NTU Measurements Used ☐ In-Line ☐ Bench-Top

Filtration Type: Conventional

MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.0	13.6
2	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.5	13.1
3	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.4	13.0
4	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.2	11.2
5	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.6	10.7
6	5.0	0.030	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.9	10.2
7	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.0	11.0
8	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.9	10.9
9	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.4	12.1
10	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.0	13.6
11	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.8	14.3
12	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.5	14.0
13	9.0	0.050	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.3	13.8
14	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.6	13.2
15	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.5	12.2
16	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.7	11.6
17	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.0	11.0
18	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.3	10.5
19	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.4	9.9
20	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.2	10.4
21	9.0	0.050	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.6	10.7
22	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.6	10.7
23	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.4	12.1
24	2.0	0.010	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.5	12.2
25	2.0	0.010	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.0	11.8
26	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.7	12.4
27	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.7	12.4
28	17.0	0.100	7.60	0.07	27.0		0.07	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.5	9.9
29	17.0	0.100	7.60	0.07	27.0		0.07	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.6	10.0
30	20.0	0.120	7.60	0.06	27.0		0.07	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.5	10.6
31																							
	Total	1.350	MGD			Max NTU=	0.1	74	74		30												Lowest I.R. =

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Oct Year: 2015

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= **0.3** MAX= **1.0 NTU** ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	14.0	0.080	7.60	0.07	27.0		0.07	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.8	10.1
2	19.0	0.110	7.60	0.08	27.0		0.08	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.7	10.1
3	19.0	0.110	7.60	0.08	27.0		0.08	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.6	7.6
4	17.0	0.100	7.60	0.07	27.0		0.07	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.2	7.4
5	19.0	0.110	7.60	0.06	27.0		0.06	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.2	8.5
6	19.0	0.110	7.60	0.06	27.0		0.06	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.2	8.5
7	19.0	0.110	7.60	0.07	27.0		0.07	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.5	9.3
8	20.0	0.120	7.60	0.06	27.0		0.06	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.0	10.3
9	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.1	10.3
10	20.0	0.120	7.60	0.08	27.0		0.08	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.1	11.9
11	15.0	0.090	7.60	0.08	27.0		0.08	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.5	**11.4**
12	17.0	0.100	7.60	0.09	27.0		0.09	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.7	8.8
13	17.0	0.100	7.60	0.06	27.0		0.06	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.2	9.7
14	17.0	0.100	7.60	0.06	27.0		0.06	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.2	9.7
15	17.0	0.100	7.60	0.07	27.0		0.07	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.5	8.6
16	17.0	0.100	7.60	0.08	27.0		0.08	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.8	8.2
17	17.0	0.100	7.60	0.07	27.0		0.07	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.1	8.4
18	17.0	0.100	7.60	0.06	27.0		0.06	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.1	9.0
19	17.0	0.100	7.60	0.08	27.0		0.08	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.4	8.6
20	17.0	0.100	7.60	0.09	27.0		0.09	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	**11.5**	8.6
21	19.0	0.110	7.60	0.08	27.0		0.08	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.1	8.4
22	14.0	0.080	7.60	0.08	27.0		0.08	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.7	8.2
23	17.0	0.100	7.60	0.07	27.0		0.07	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.1	7.8
24	19.0	0.110	7.60	0.06	27.0		0.06	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
25	15.0	0.900	7.60	0.08	27.0		0.08	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.1	7.3
26	17.0	0.100	7.60	0.07	27.0		0.07	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
27	17.0	0.100	7.60	0.07	27.0		0.07	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.5	7.0
28	17.0	0.100	7.60	0.06	27.0		0.06	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.6	6.6
29	14.0	0.080	7.60	0.08	27.0		0.08	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.8	6.7
30	15.0	0.090	7.60	0.07	27.0		0.07	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.5	6.5
31	17.0	0.100	7.60	0.09	27.0		0.09	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.2	7.4
Total		3.900	MGD			Max NTU=	**0.1**	147	147		31											Lowest I.R. =	6.5

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Nov Year: 2014

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= **0.3** MAX= **1.0 NTU** ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	5.0	0.030	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.8	7.7
2	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.2	6.9
3	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.2	6.9
4	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.4	7.0
5	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.8	6.7
6	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.4	7.5
7	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.7	7.6
8	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.8	7.2
9	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
10	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.3	6.0
11	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.5	5.7
12	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
13	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
14	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
15	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
16	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.8	6.2
17	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
18	10.0	0.060	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
19	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
20	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.1	5.2
21	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.6	5.4
22	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.4	5.3
23	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.0	5.5
24	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
25	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.7	5.4
26	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.2	5.2
27	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.0	5.5
28	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
29	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
30	2.0	0.010	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.6	6.2
31																							
	Total	0.940	MGD			Max NTU=	**0.1**	53	53		30												Lowest I.R. =

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Dec Year: 2014

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.8	5.8
2	5.0	0.030	7.60	0.07	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.7	6.6
3	9.0	0.050	7.60	0.08	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.9	6.3
4	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.7	6.2
5	4.0	0.020	7.60	0.05	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
6	4.0	0.020	7.60	0.04	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.2	6.0
7	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
8	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.8	5.1
9	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.8	5.4
10	2.0	0.010	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
11	2.0	0.010	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.3	6.0
12	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
13	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
14	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.3	5.2
15	2.0	0.010	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.8	5.4
16	2.0	0.010	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
17	2.0	0.010	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.0	5.5
18	2.0	0.010	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.2	5.2
19	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.9	5.1
20	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.8	5.1
21	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.7	5.0
22	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.9	5.1
23	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.8	5.4
24	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.4	5.3
25	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.0	5.1
26	2.0	0.010	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.4	4.9
27	2.0	0.010	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.0	5.1
28	2.0	0.010	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.9	5.1
29	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.7	5.0
30	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
31	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.05		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.2	6.4
	Total	0.640	MGD			Max NTU=	**0.1**	41	41		31	1										Lowest I.R. =	4.9

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Jan Year: 2016

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District

Prepared by: G Walker

PWSID: MT0000311

Check Type of NTU Measurements Used

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU

☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
2	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.6	5.4
3	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.8	5.4
4	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
5	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.5	5.7
6	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
7	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.9	5.1
8	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.6	5.4
9	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
10	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
11	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
12	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
13	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.6	6.2
14	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.8	5.4
15	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.3	5.2
16	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.8	5.4
17	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.4	5.3
18	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
19	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
20	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.3	6.5
21	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.2	6.0
22	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.5	5.7
23	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.0	5.9
24	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.7	6.2
25	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
26	4.0	0.020	7.60	0.06	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.5	6.1
27	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.2	6.4
28	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
29	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
30	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.0	5.9
31	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.05		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
Total		0.820	MGD				Max NTU=	0.1	49	49	31	1									Lowest I.R. =		5.1

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥ 1.0

Month: Feb Year: 2016

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311

Check Type of NTU Measurements Used: ☐ In-Line ☐ Bench-Top

Filtration Type: Conventional MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
2	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.3	6.0
3	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.5	5.3
4	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.6	5.4
5	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.5	5.3
6	5.0	0.030	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.6	5.4
7	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.1	5.2
8	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
9	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.9	5.9
10	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
11	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
12	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.6	6.2
13	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.9	5.9
14	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
15	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.8	5.4
16	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
17	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
18	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
19	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
20	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
21	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.2	6.0
22	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
23	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
24	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.2	6.0
25	9.0	0.050	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.9	5.9
26	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
27	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.2	6.9
28	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.9	6.3
29	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.7	6.2
30																							
31																							
	Total	0.890	MGD			Max NTU=	0.1	51	51		29											Lowest I.R. =	

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Month: Mar Year: 2016

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used** ☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional** MCL= **0.3** MAX= **1.0 NTU**

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
2	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.6	6.2
3	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.2	6.9
4	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
5	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.7	7.1
6	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.6	7.6
7	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
8	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.6	7.1
9	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.3	6.9
10	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.3	6.5
11	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.9	6.7
12	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.8	6.2
13	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.8	7.2
14	2.0	0.010	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.2	6.9
15	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
16	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
17	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.8	5.8
18	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.0	5.5
19	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
20	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.6	7.1
21	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.8	8.2
22	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.8	6.2
23	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.9	6.7
24	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.5	6.1
25	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.4	7.5
26	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
27	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
28	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.1	7.4
29	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.0	6.8
30	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.5	6.5
31	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.3	7.4
	Total	0.920	MGD			Max NTU=	**0.1**	59	59		31											Lowest I.R. =	5.5

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 = _____

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Apr Year: 2016

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= **0.3** MAX= **1.0 NTU** ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.3	9.1
2	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.3	8.5
3	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.1	6.8
4	9.0	0.050	7.60	0.05	27.0		0.05	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.2	6.9
5	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.4	7.0
6	2.0	0.010	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
7	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.1	6.8
8	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.6	6.6
9	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.4	7.5
10	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.6	8.1
11	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.6	8.7
12	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.0	7.8
13	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.6	7.6
14	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.9	6.7
15	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.6	8.1
16	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.6	8.1
17	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.4	8.6
18	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.0	7.8
19	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.1	7.8
20	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.6	8.1
21	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.5	8.6
22	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.2	9.7
23	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.9	10.2
24	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.6	10.7
25	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.6	10.0
26	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.6	9.3
27	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.2	8.5
28	7.0	0.040	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.4	8.0
29	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.2	11.2
30	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.5	11.4
31																							
	Total	0.910	MGD			Max NTU=	0.1	53	53		30											Lowest I.R. =	

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Month: May Year: 2016

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= **0.3** MAX= **1.0 NTU** ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.1	10.8
2	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.3	10.3
3	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.2	11.6
4	14.0	0.080	7.60	0.11	27.0		0.11	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.3	11.6
5	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.2	12.0
6	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.9	10.6
7	7.0	0.040	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.1	10.8
8	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.1	9.7
9	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.7	9.6
10	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.1	10.0
11	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.6	9.2
12	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.1	9.0
13	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.3	8.6
14	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.3	8.1
15	4.0	0.020	7.60	0.07	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.4	8.1
16	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.9	8.2
17	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.9	8.3
18	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.6	9.3
19	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.3	8.7
20	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.7	8.9
21	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.1	9.7
22	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.4	11.0
23	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.6	9.8
24	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.2	10.1
25	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.8	11.5
26	4.0	0.020	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.4	10.8
27	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.8	11.5
28	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.6	10.4
29	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.9	10.5
30	4.0	0.020	7.60	0.09	27.0		0.09	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.8	12.1
31	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.2	12.4
Total		1.070	MGD			Max NTU=	0.1	60	60		31											Lowest I.R. =	8.1

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: June Year: 2016

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥ 1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= **0.3** MAX= **1.0 NTU** ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.2	12.8
2	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.1	12.7
3	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.2	13.8
4	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.0	13.6
5	12.0	0.070	7.60	0.12	27.0		0.12	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.4	14.9
6	10.0	0.060	7.60	0.12	27.0		0.12	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.3	15.9
7	14.0	0.080	7.60	0.10	27.0		0.10	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.4	17.2
8	9.0	0.050	7.60	0.12	27.0		0.12	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.4	16.0
9	9.0	0.050	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.2	15.8
10	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.1	15.7
11	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.9	14.4
12	9.0	0.050	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.2	15.8
13	9.0	0.050	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.5	14.0
14	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.9	12.6
15	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.6	11.5
16	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.8	11.6
17	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.1	11.1
18	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.3	12.1
19	12.0	0.070	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.9	12.6
20	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.9	13.5
21	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.1	12.7
22	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.2	12.8
23	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.4	14.9
24	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.3	13.8
25	10.0	0.060	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.4	13.0
26	12.0	0.070	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.2	12.8
27	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.6	13.2
28	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.3	14.8
29	12.0	0.070	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.1	15.7
30	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.7	15.3
31																							
	Total	1.690	MGD				**Max** NTU=	**0.1**	85	85		30											Lowest I.R. =

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Log Inactivation Ratio ≥	1.0

Month: July Year: 2016

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration: Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.2	16.9
2	12.0	0.070	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.7	16.4
3	15.0	0.090	7.60	0.09	27.0		0.09	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.1	18.0
4	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.7	14.2
5	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.7	13.3
6	15.0	0.090	7.60	0.08	27.0		0.08	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.8	12.5
7	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.8	13.4
8	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.1	14.6
9	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.8	14.3
10	10.0	0.060	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.9	12.6
11	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.5	11.4
12	10.0	0.060	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.3	12.1
13	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.7	13.3
14	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.3	12.9
15	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.6	13.2
16	14.0	0.080	7.60	0.07	27.0		0.07	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.6	14.1
17	12.0	0.070	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.7	15.3
18	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.0	15.6
19	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.2	16.9
20	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.2	18.1
21	14.0	0.080	7.60	0.08	27.0		0.08	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.0	16.7
22	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.3	17.1
23	10.0	0.060	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.1	16.8
24	10.0	0.060	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.7	16.4
25	12.0	0.070	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.9	16.6
26	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.7	17.5
27	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.2	16.9
28	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.8	17.7
29	12.0	0.070	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.8	18.9
30	14.0	0.080	7.60	0.10	27.0		0.10	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	23.6	20.0
31	9.0	0.050	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.8	17.7
Total		2.060	MGD			Max NTU=	**0.1**	98	98		31											Lowest I.R. =	11.4

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Month: Aug Year: 2016

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used** ☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	12.0	0.070	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.6	15.8
2	15.0	0.090	7.60	0.07	27.0		0.07	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.6	17.4
3	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.8	14.3
4	14.0	0.080	7.60	0.08	27.0		0.08	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.6	14.1
5	15.0	0.090	7.60	0.09	27.0		0.09	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.5	16.1
6	14.0	0.080	7.60	0.10	27.0		0.10	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.5	14.3
7	14.0	0.080	7.60	0.09	27.0		0.09	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.0	13.6
8	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.3	14.8
9	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.2	14.7
10	10.0	0.060	7.60	0.11	27.0		0.11	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.3	13.8
11	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.1	14.6
12	9.0	0.050	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.7	15.3
13	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.0	16.7
14	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.2	15.8
15	14.0	0.080	7.60	0.10	27.0		0.10	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.4	18.4
16	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.6	17.4
17	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.4	16.0
18	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.8	15.4
19	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.2	13.8
20	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.8	15.4
21	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	22.2	18.1
22	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.6	16.2
23	14.0	0.080	7.60	0.10	27.0		0.10	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.6	12.3
24	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.3	12.1
25	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.4	12.1
26	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.5	15.0
27	10.0	0.060	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	19.2	14.7
28	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.8	13.4
29	12.0	0.070	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.1	15.7
30	15.0	0.090	7.60	0.10	27.0		0.10	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	21.1	16.8
31	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.2	15.8
	Total	2.060	MGD			Max NTU=	0.1	101	101		31											Lowest I.R. =	12.1

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: SEP Year: 2016

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥ 1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	9.0	0.050	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	20.6	16.2
2	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	18.4	13.9
3	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.6	12.3
4	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.0	11.8
5	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.6	10.0
6	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.7	10.1
7	10.0	0.060	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.6	11.5
8	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	17.2	12.8
9	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.6	11.5
10	10.0	0.060	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.3	12.1
11	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.8	10.1
12	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.2	9.1
13	12.0	0.070	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.0	8.9
14	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.7	9.4
15	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.9	10.2
16	12.0	0.070	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.3	12.1
17	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.1	10.3
18	9.0	0.050	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.3	11.2
19	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.4	9.9
20	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.1	10.3
21	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.3	9.1
22	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.5	9.3
23	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.6	9.3
24	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.6	9.3
25	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	14.0	10.3
26	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.6	11.5
27	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.6	11.5
28	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.9	11.7
29	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.2	11.2
30	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	16.2	12.0
31																							
	Total	1.450	MGD			Max NTU=	0.1	79	79		30										Lowest I.R. =		

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Oct Year: 2016

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used** ☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System: No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	15.9	11.7
2	9.0	0.050	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	13.1	9.7
3	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.6	8.7
4	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.2	8.5
5	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.7	7.6
6	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
7	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.9	7.2
8	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.7	7.6
9	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	12.0	8.9
10	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.1	7.8
11	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.7	7.1
12	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.8	6.2
13	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.6	6.6
14	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.6	7.6
15	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.3	7.4
16	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.3	8.0
17	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.3	7.4
18	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.6	7.6
19	9.0	0.050	7.60	0.05	27.0		0.05	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.3	7.4
20	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.3	7.4
21	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.1	7.8
22	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.6	7.6
23	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.0	7.8
24	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	9.5	7.5
25	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.9	8.3
26	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.4	8.0
27	9.0	0.050	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	11.5	8.6
28	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.8	8.2
29	5.0	0.030	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.3	8.0
30	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.0	7.8
31	7.0	0.040	7.60	0.04	27.0		0.04	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.6	8.1
	Total	1.200	MGD			Max NTU=	**0.1**	67	67		31										Lowest I.R. =		6.2

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Nov Year: 2015

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥ 1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used**

Filtration Type: **Conventional** MCL= 0.3 MAX= 1.0 NTU ☐ In-Line ☐ Bench-Top

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity: Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s): Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values: Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	15.0	0.090	7.60	0.09	27.0		0.09	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	10.2	7.9
2	14.0	0.080	7.60	0.08	27.0		0.08	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.0	6.8
3	12.0	0.070	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.1	6.4
4	17.0	0.100	7.60	0.07	27.0		0.07	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.6	6.2
5	15.0	0.090	7.60	0.07	27.0		0.07	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.8	5.8
6	17.0	0.100	7.60	0.08	27.0		0.08	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
7	15.0	0.090	7.60	0.07	27.0		0.07	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
8	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.9	6.3
9	17.0	0.100	7.60	0.06	27.0		0.06	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
10	15.0	0.090	7.60	0.06	27.0		0.06	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.9	5.9
11	14.0	0.080	7.60	0.06	27.0		0.06	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
12	14.0	0.080	7.60	0.07	27.0		0.07	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
13	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
14	17.0	0.100	7.60	0.06	27.0		0.06	5	5		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.3	6.9
15	15.0	0.090	7.60	0.06	27.0		0.06	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	7.4	6.5
16	14.0	0.080	7.60	0.07	27.0		0.07	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.9	6.3
17	14.0	0.080	7.60	0.05	27.0		0.05	4	4		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
18	2.0	0.010	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
19	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.2	6.0
20	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
21	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
22	2.0	0.010	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.9	5.9
23	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.0	5.5
24	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.4	5.3
25	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
26	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.8	5.1
27	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
28	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.7	6.2
29	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.4	5.3
30	4.0	0.020	7.60	0.05	27.0		0.05	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
31																							
	Total	1.730	MGD				Max NTU=	0.1	88	88		30										Lowest I.R. =	

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Month: Dec Year: 2015

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311 **Check Type of NTU Measurements Used** ☐ In-Line ☐ Bench-Top

Filtration Type: **Conventional** MCL= **0.3** MAX= **1.0 NTU**

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	5.0	0.030	7.60	0.11	27.0		0.11	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
2	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
3	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
4	4.0	0.020	7.60	0.11	27.0		0.11	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
5	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.0	5.9
6	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.8	6.2
7	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	**5.5**
8	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		**1.5**	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
9	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
10	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
11	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.0	5.5
12	5.0	0.030	7.60	0.08	27.0		0.08	**2**	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
13	7.0	0.040	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
14	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
15	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.0	5.5
16	5.0	0.030	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.7	5.4
17	5.0	0.030	7.60	0.08	27.0		0.08	**2**	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
18	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.7	5.4
19	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.6	6.2
20	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
21	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.9	5.5
22	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
23	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
24	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.0	5.5
25	2.0	0.010	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
26	4.0	0.020	7.60	0.06	27.0		0.06	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
27	9.0	0.050	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	**100**	12600	5154	8934	140.9	211.3	7.68	4.7	5.4
28	7.0	0.040	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.1	5.2
29	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.4	5.3
30	5.0	0.030	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.7	5.4
31	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.05		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
	Total	0.920	MGD			Max NTU=	**0.1**	55	55		31	1										Lowest I.R. =	5.2

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)

Month: Dec Year: 2016

STATE OF MONTANA: DEPARTMENT OF ENVIRONMENTAL QUALITY

Return Completed Form to Public Water Supply Section, PWSS Bureau, 1520 E. Sixth Avenue
P.O. Box 200901, Helena, MT 59620-0901 -- by the 10th of the Following Month

Log Inactivation Ratio ≥	1.0

Name of Water System: Power Teton Co Water District Prepared by: G Walker PWSID: MT0000311

Check Type of NTU Measurements Used: ☐ In-Line ☐ Bench-Top

Filtration Type: Conventional MCL= 0.3 MAX= 1.0 NTU

Notes:	Operating Time	Raw Water			Click on cell below to select Coagulant	Polymer	Max. NTU Finish Water	Number of Turbidity Meas. 2 (B)	Meas. ≤ Specified Limit 3 (A)	Meas. > Max Limit Limit 4	Distribution System No. of Sites where Disinfectant Residual was: Measured. Record Chlorine Residual Value 5 (D)	(C)	Not detected No HPC Sample(s) 6	Disinfectant Concentration Meas. At POE During Peak Hourly Flow 7	Peak Hourly Flow 8	From Data Entry Form Baffling Factor (s) Minimum Operating Volume 9a	Minimum Operating Volume 9b	Individual or Combined Values Effective Volume 10	Contact Time $T=T_{10}$ 11	CT calc = (CxT) 12	Finished Water pH 13	Finished Water Temp 14	Individual or Combined I.R. 16
DAY	Hrs/Day	MGD	pH	NTU	PPM	PPM	Ntu					(mg/L)		(mg/L)	(GPM)	(gal)	(gal)	(gal)	(min)			(°C)	
1	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
2	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.2	5.6
3	9.0	0.050	7.60	0.09	27.0		0.09	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.0	5.5
4	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.8	5.4
5	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	3.4	4.9
6	9.0	0.050	7.60	0.05	27.0		0.05	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	2.9	4.8
7	10.0	0.060	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	2.9	4.8
8	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.0	5.1
9	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.8	5.8
10	9.0	0.050	7.60	0.05	27.0		0.05	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
11	7.0	0.040	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
12	10.0	0.060	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
13	9.0	0.050	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.6	5.7
14	7.0	0.040	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
15	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.4	5.7
16	5.0	0.030	7.60	0.05	27.0		0.05	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
17	9.0	0.050	7.60	0.08	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.2	5.2
18	9.0	0.050	7.60	0.07	27.0		0.07	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.1	5.5
19	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.3	5.6
20	9.0	0.050	7.60	0.06	27.0		0.06	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.8	5.8
21	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.9	5.9
22	9.0	0.050	7.60	0.10	27.0		0.10	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.0	5.9
23	7.0	0.040	7.60	0.07	27.0		0.07	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.4	6.1
24	9.0	0.050	7.60	0.80	27.0		0.08	3	3		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	5.7	5.8
25	4.0	0.020	7.60	0.10	27.0		0.10	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.2	6.0
26	4.0	0.020	7.60	0.08	27.0		0.08	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.9	6.3
27	5.0	0.030	7.60	0.06	27.0		0.06	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.0	6.8
28	5.0	0.030	7.60	0.09	27.0		0.09	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	8.2	6.9
29	7.0	0.040	7.60	0.08	27.0		0.08	2	2		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	4.8	5.4
30	4.0	0.020	7.60	0.07	27.0		0.07	1	1		1	0.50		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.1	5.9
31	5.0	0.030	7.60	0.10	27.0		0.10	2	2		1	0.05		1.5	100	12600	5154	8934	140.9	211.3	7.68	6.2	6.0
Total		1.230	MGD			Max NTU=	0.1	70	70		31	1										Lowest I.R. =	4.8

The % of turbidity measurements meeting the specified limits = B/A x 100 = 100.0% V = D/C x 100 =

Record the date and turbidity value for any measurements exceeding maximum allowed:
If none, enter "None"

	Turbidity, NTU
	none

Form F-5 (12-2008)