

OHA - Drinking Water Services - Turbidity Monitoring Report Form

County: JACKSON
 Month/Year: JAN 2025

System Name: Emigrant Lake WTP		Conventional or Direct Filtration					ID#: 4190730		WTP: TP - A	
Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day ¹ [NTU]			
1/	off	off	off	off	off	off	.091			
2/	.074	off	off	off	off	off	.085			
3/	off	off	off	off	off	.070	.079			
4/	off	off	off	off	off	off	.080			
5/	off	off	.053	off	off	off	.106			
6/	off	off	off	off	off	off	.075			
7/	off	off	off	off	off	.050	.080			
8/	off	off	off	off	off	.053	.081			
9/	off	off	off	off	off	off	.077			
10/	off	off	off	.056	off	off	.081			
11/	off	off	.059	.055	off	off	.210			
12/	.092	.071	.064	.067	.059	.060	.106			
13/	.064	.060	.060	off	off	off	.102			
14/	.060	.091	off	off	off	.128	.299			
15/	.099	off	off	off	off	.109	.299			
16/	.088	off	.066	.070	.073	.073	.299			
17/	.071	.070	.071	off	.078	.080	.168			
18/	.084	.082	.081	.084	.063	.057	.128			
19/	.056	.053	.052	.052	.050	.050	.145			
20/	.049	.049	.049	.063	.062	off	.110			
21/	.060	.060	.062	.071	.073	off	.114			
22/	off	off	off	.060	.121	.088	.299			
23/	.077	.077	.081	off	.067	.075	.299			
24/	off	off	off	.081	off	off	.299			
25/	off	off	off	off	off	off	.299			
26/	off	off	off	.052	off	off	.166			
27/	off	off	.032	off	off	.045	.137			
28/	.043	off	off	.039	.036	.038	.103			
29/	.039	off	off	.041	.035	.032	.149			
30/	.034	.034	.034	.032	.030	off	.299			
31/	off	off	off	off	off	off	.299			

Conventional or Direct Filtration		Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings ≤ 0.3 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back)	All Cl ₂ residual at entry point ≥ 0.2 mg/l?
All 4-hour turbidity readings ≤ 1 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No
All turbidity readings < IFE ² triggers	<input checked="" type="radio"/> Yes / <input type="radio"/> No		

Notes: All NTU > .300 to waste
 1/14 Source Pond pump lost prime. Restart plant turbine back to normal operation. All NTU > .300 to waste
 1/21 PLT on hand to resolve control valve issue

PRINTED NAME: *Dustin Stafford*
 SIGNATURE: *[Signature]* DATE: 2/3/25
 PHONE #: (541) 774-8183 CERT #:

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. ² IFE = Individ. Filter Effl. (333-061-0040(1)(d)(B&C))

1/29 flush main lines

OHA - Drinking Water Program – Surface Water Quality Data Form

System Name: JACKSON CO PKS EMIGRANT LAKE ID #: 4190730 WTP-: A Month/Year: 1/2025 Required Log Inactivation: 1

Date	Minimum Cl ₂ Residual at 1st User (C) ³ [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT CXT	Temp [°C]	pH	Required CT Use Tables	CT Met? ³ Yes / No	Peak Hourly Demand Flow [GPM]
1/1	1.1	192	211.2	8.7	7.2	61	Y	1.5
2/1	1.1	192	211.2	8.9	7.1	61	Y	1.8
3/1	1.1	192	211.2	9.0	7.1	61	Y	2.8
4/1	1.1	192	211.2	9.0	7.1	61	Y	1.5
5/1	1.0	192	192	9.2	7.1	60	Y	1.1
6/1	1.0	192	192	9.4	7.1	60	Y	1.1
7/1	0.9	192	172.8	9.1	7.1	60	Y	2.8
8/1	0.9	192	172.8	8.9	7.1	60	Y	1.3
9/1	0.9	192	172.8	8.9	7.1	60	Y	1.1
10/1	0.9	192	172.8	8.5	7.1	60	Y	1.1
11/1	1.0	192	192	8.2	7.1	60	Y	1.6
12/1	1.0	192	192	8.0	7.1	60	Y	2.1
13/1	1.0	192	192	7.9	7.1	60	Y	1.3
14/1	1.0	192	192	7.6	7.1	60	Y	1.1
15/1	1.0	192	192	7.5	7.1	60	Y	1
16/1	1.0	192	192	7.4	7.1	60	Y	1.1
17/1	1.1	192	211.2	7.4	7.1	61	Y	1.1
18/1	1.1	192	211.2	7.1	7.1	61	Y	2
19/1	1.6	192	307.2	7.1	7.1	64	Y	2.3
20/1	2.0	192	384	7.2	7.1	67	Y	1.1
21/1	2.0	192	384	7.1	7.1	67	Y	2.6
22/1	2.0	192	384	7.1	7.1	67	Y	2.5
23/1	2.0	192	384	7.0	7.0	55	Y	1.1
24/1	2.0	192	384	7.0	7.0	55	Y	1.3
25/1	2.0	192	384	6.9	7.0	55	Y	1.6
26/1	2.0	192	384	7.0	7.0	55	Y	1.5
27/1	2.0	192	384	6.9	7.0	55	Y	1.3
28/1	1.9	192	345.6	6.8	6.9	55	Y	18.6
29/1	1.8	192	345.6	6.9	6.9	54	Y	41.3
30/1	1.8	192	345.6	7.0	6.9	54	Y	18.8
31/1	1.6	192	307.2	7.0	6.9	53	Y	2

³ If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day.