

Time Period:	October 1, 2015-September 30, 2017			
Parameters:	Total Phosphorus, Nitrogen (Nitrate + Nitrite), Turbidity			
Criteria	EPA Aggregate Nutrient Ecoregion IX https://www.epa.gov/sites/production/files/2014-08/documents/criteria-nutrient			
Supported	If less than or equal to 15% all of the Total Phosphorus, Total Nitrogen, and Turbidity			
Not Supported	If more than 15% of the sample concentrations exceed the threshold then considered			
Parameter	Monitoring Site	Longitude	Latitude	% for Determination
				≥ 75% Required
Total Phosphorus	Bellcow Creek 001	35.651971	-96.893034	78%
Total Phosphorus	Deep Fork River	35.666382	-96.679904	79%
Total Phosphorus	Deep Fork River 002	35.64223	-96.822198	89%
Total Phosphorus	Deep Fork River 003	35.640511	-96.910903	89%
Total Phosphorus	Dry Creek 001	35.683965	-96.698024	72%
Total Phosphorus	Quapaw Creek 001	35.621029	-96.822178	78%
Total Phosphorus	Robinson Creek 001 *	35.608344	-96.733529	39%
Total Phosphorus	Veteran's Lake **	35.677712	-96.658318	92%
Total Phosphorus	Veteran's Lake 002 **	35.677965	-96.657858	
Total Phosphorus	Veteran's Lake 003 **	35.677534	-96.657402	
Total Phosphorus	Veteran's Lake 004 **	35.677172	-96.658192	
Total Phosphorus	Veteran's Lake 005 **	35.67758	-96.65796	
Parameter	Monitoring Site	Longitude	Latitude	% for Determination
				≥ 75% Required
Total Nitrogen (Nitrite + Nitrate)	Bellcow Creek 001	35.651971	-96.893034	83%
Total Nitrogen (Nitrite + Nitrate)	Deep Fork River	35.666382	-96.679904	96%
Total Nitrogen (Nitrite + Nitrate)	Deep Fork River 002	35.64223	-96.822198	94%
Total Nitrogen (Nitrite + Nitrate)	Deep Fork River 003	35.640511	-96.910903	94%
Total Nitrogen (Nitrite + Nitrate)	Dry Creek 001	35.683965	-96.698024	78%
Total Nitrogen (Nitrite + Nitrate)	Quapaw Creek 001	35.621029	-96.822178	83%
Total Nitrogen (Nitrite + Nitrate)	Robinson Creek 001 *	35.608344	-96.733529	39%
Total Nitrogen (Nitrite + Nitrate)	Veteran's Lake **	35.677712	-96.658318	96%
Total Nitrogen (Nitrite + Nitrate)	Veteran's Lake 002 **	35.677965	-96.657858	
Total Nitrogen (Nitrite + Nitrate)	Veteran's Lake 003 **	35.677534	-96.657402	
Total Nitrogen (Nitrite + Nitrate)	Veteran's Lake 004 **	35.677172	-96.658192	

Total Nitrogen (Nitrite + Nitrate)	Veteran's Lake 005 **	35.67758	-96.65796	
Parameter	Monitoring Site	Longitude	Latitude	% for Determination
				≥ 75% Required
Turbidity	Belcow Creek 001	35.651971	-96.893034	83%
Turbidity	Deep Fork River	35.666382	-96.679904	117%
Turbidity	Deep Fork River 002	35.64223	-96.822198	111%
Turbidity	Deep Fork River 003	35.640511	-96.910903	128%
Turbidity	Dry Creek 001	35.683965	-96.698024	100%
Turbidity	Quapaw Creek 001	35.621029	-96.822178	89%
Turbidity	Robinson Creek 001 *	35.608344	-96.733529	50%
Turbidity	Veteran's Lake **	35.677712	-96.658318	183%
Turbidity	Veteran's Lake 002 **	35.677965	-96.657858	
Turbidity	Veteran's Lake 003 **	35.677534	-96.657402	
Turbidity	Veteran's Lake 004 **	35.677172	-96.658192	
Turbidity	Veteran's Lake 005 **	35.67758	-96.65796	
*	Robinson Creek 001	cannot make determination. Insufficinet sampling		
**	Veteran's Lake	All Veteran's Lake sites assessed as one determina		

Nutrient Threatened Determination

[-ecoregions-sumtable.pdf](#)

ity do not exceed thresholds then considered Not Threatened.

lered Threatened.

# Samples Planned	# Samples Required	# Actual Sampled	Criteria Level	Site Total Samples Exceeding
			(EPA Aggregate Nutrient Ecoregion IX)	
			< 15% Exceedance (mg/L)	
18	13.5	14	0.03656	13
24	18	19	0.03656	19
18	13.5	16	0.03656	16
18	13.5	16	0.03656	16
18	13.5	13	0.03656	13
18	13.5	14	0.03656	13
18	13.5	7	0.03656	7
24	18	22	0.00200	21
# Samples Planned	# Samples Required	# Actual Sampled	Criteria Level	Site Total Samples Exceeding
			(EPA Aggregate Nutrient Ecoregion IX)	
			< 15% Exceedance (mg/L)	
18	13.5	15	0.69	7
24	18	23	0.69	15
18	13.5	17	0.69	15
18	13.5	17	0.69	14
18	13.5	14	0.69	1
18	13.5	15	0.69	1
18	13.5	7	0.69	0
24	18	23	0.36	3

# Samples Planned	# Samples Required	# Actual Sampled	Criteria Level	Site Total Samples Exceeding
			(EPA Aggregate Nutrient Ecoregion IX)	
			< 15% Exceedance NTU	
18	13.5	15	5.7	8
24	18	28	5.7	25
18	13.5	20	5.7	20
18	13.5	23	5.7	22
18	13.5	18	5.7	18
18	13.5	16	5.7	12
18	13.5	9	5.7	7
24	18	44	5.7	13

g due to lack of flows. Discontinuing sampling at this site in future due to this issue.
tion.

% Exceedance	Nutrient Threat Assessment	
	Not Threatened	Threatened
	< 15% Exceedance	> 15% Exceedance
93%		93%
100%		100%
100%		100%
100%		100%
100%		100%
93%		93%
100%		100%
95%		95%

% Exceedance	Nutrient Threat Assessment	
	Not Threatened	Threatened
	< 15% Exceedance	> 15% Exceedance
47%		47%
65%		65%
88%		88%
82%		82%
7%	7%	
7%	7%	
0%	0%	
13%	13%	

% Exceedance	Nutrient Threat Assessment	
	Not Threatened	Threatened
	< 15% Exceedance	> 15% Exceedance
53%		53%
89%		89%
100%		100%
96%		96%
100%		100%
75%		75%
78%		78%
30%		30%
