

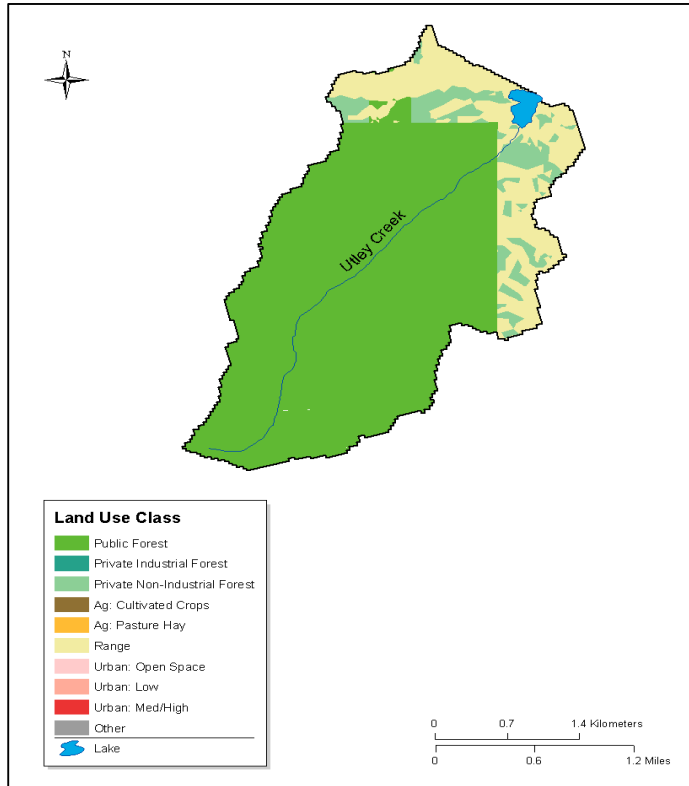
Officers Reservoir

Grant County – John Day River Basin

Lake Origin: Man Made

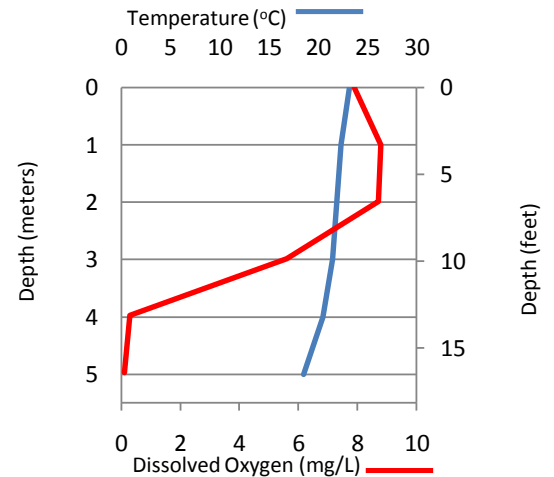
Elevation: 4534 ft (1374 meters)

Location: N 43.98905, W -119.39465



WATERSHED CHARACTERISTICS				
Area	Population Density	Annual Precipitation	Dominate Geology	
1,030 HA	0 peop/mi	51 cm	Shale and Mudstone	
LAND USE				
Forest	Agriculture	Range	Urban	Other
83%	0%	17%	0%	0%
LAKE CHARACTERISTICS				
Lake Area	Maximum Depth	Manager		
8 HA	5.6 meters	Private		

Temperature and Oxygen Profiles



WATER QUALITY PARAMETERS			
Sample Date	8/1/2007	Turbidity (NTU)	9
pH	9.8	Chlorophyll-a (µg/L)	0.95
Conductivity (µmhos/cm)	216	Secchi (meters)	3.98
ANC (µeq/L)	2006	Total Phosphorus (mg/L)	0.036
Calcium Ion (mg/L)	13.24	Total Nitrogen (mg/L)	0.421

LAKE CONDITION		TROPIC STATUS	
Biological Indicators		Secchi	Chlorophyll-a
Plankton (O/E)		<i>Mesotrophic</i>	<i>Oligotrophic</i>
<i>Good</i>		Total Phosphorus	Total Nitrogen
Physical Habitat		<i>Eutrophic</i>	<i>Mesotrophic</i>
Shoreline Human Disturbance	Riparian Veg Cover	Littoral Cover	Littoral and Riparian Cover
<i>Poor</i>	<i>Poor</i>	<i>Fair</i>	<i>Poor</i>
Water Quality Indicators			
Total Phosphorus	Total Nitrogen	Turbidity	Chlorophyll-a
<i>Poor</i>	<i>Poor</i>	<i>Poor</i>	<i>Good</i>

