

Priority Area Number: 25		Priority Area Name: Bliss		
Ranking Criteria			Score	Comments
<b>1) POPULATION</b>				
	Points	Select One		
<b>a) Within Degraded Area</b>				
<1000	1	X	1	Population = 50
1000 to 10,000	2			
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>1</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0	X	0	0 PWS
1 to 20	1			
>20	2			
		<b>Subtotal</b>	<b>0</b>	
<b>c) Number of Wells with Nitrate (NO<sub>3</sub>) ≥10 mg/l</b>				
0	0			
1 to 2	1	X	1	1 Well
3 to 5	2			
6 to 9	3			
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>1</b>	
		<b>Population Score</b>	<b>2</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	% wells	<b>Nitrate Concentration Criteria</b>		
Percent of wells with Nitrate (NO <sub>3</sub> ) ≥2 mg/l	67%	2	1.34	
Percent of wells with Nitrate (NO <sub>3</sub> ) ≥5 mg/l	39%	5	1.95	
Percent of wells with Nitrate (NO <sub>3</sub> ) ≥10 mg/l	5%	10	0.50	
		<b>Water Quality Total</b>	<b>3.79</b>	
<b>3) WATER QUALITY TRENDS</b>				
		Select One		
Increasing	10			
No Discernable Trend*	5	X	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	No	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
		<b>Total Score</b>	<b>10.79</b>	

\*DATA NOT AVAILABLE AT THE TIME OF USGS TREND ANALYSIS

## NITRATE PRIORITY AREA # 25

### BLISS

Nitrate Concentrations: (mg/l)

Minimum Value	0.0
Maximum Value	12.2
Average Value	3.9
No. Samples $\geq$ 10	1
No. Samples 5 – 9.99	6
No. Samples 2 – 4.99	5
No. Samples < 2	6
No. Samples $\geq$ 2	12
No. Samples $\geq$ 5	7
No. Samples $\geq$ 10	1
% Samples $\geq$ 2	67%
% Samples $\geq$ 5	39%
% Samples $\geq$ 10	5%
Total Samples	18
No. PWS Samples	0
No. SMN Samples	1
No. IDAG Samples	17*
No. REG/LOC Samples	0

PWS = Public Water Systems

SMN = State Wide Monitoring Network

IDAG = Idaho Dept. of Agriculture Studies

REG/LOC = Regional/Local Monitoring DEQ and DEQ/IDAG Projects

\*Includes Idaho Dept. of Agriculture Project 870.

Project 870 data was not available for the USGS Trend Analysis, making for insufficient data for the USGS to determine trend for the Bliss Area. After obtaining Project 870 data, DEQ has estimated that no discernable trend exists for this area.

# 1999 - 2000 GROUP 1 NITRATE PRIORITIZATION BLISS AREA 25\* (RANKED)

POPULATION (Est.) = 50  
 AREA (Est.) = 6806 Acres  
 LAND USE = Irrigated Agriculture, Very Small Areas of Range Land

Analytical Results for Nitrate Data Sources:  
 Statewide Monitoring Network (USGS/IDWR), 1 site, most recent analysis used  
 IDAG, Project 870, 17 sites, most recent analysis used



Nitrate Values (mg/l)	Number of Sites
>=10	1
5 - 9.99	6
2 - 4.99	5
< 2	6

MAXIMUM VALUE = 12.2  
 MINIMUM VALUE = 0.0  
 MEDIAN = 3.0  
 AVERAGE = 3.9

TOTAL NUMBER OF SAMPLING SITES = 18  
 TOTAL NUMBER OF PWS SITES = 0

No. Sites Nitrate >= 2 mg/l = 12  
 No. Sites Nitrate >= 5 mg/l = 7  
 No. Sites Nitrate >=10 mg/l = 1

\*Previously referred to as Area 14 for trend analysis.

## Nitrate Analytical Results - Statewide, IDAG

- ▲ >= 10 mg/l
- 5 - 9.99 mg/l
- ◇ 2 - 4.99 mg/l
- <2 mg/l

□ Nitrate Priority Area 25,  
Bliss

USGS = United States Geological Survey  
 IDWR = Idaho Department of Water Resources  
 IDAG = Idaho Department of Agriculture  
 PWS = Public Water System  
 mg/l = milligrams per liter



0.5 0 0.5 1 Miles

