

Priority Area Number: 17		Priority Area Name: Pocatello		
Ranking Criteria			Score	Comments
<b>1) POPULATION</b>				
	Points	Select One		
<b>a) Within Degraded Area</b>				
<1000	1			
1000 to 10,000	2			
10,000 to 100,000	3	X	3	Population = 63,787
		<b>Subtotal</b>	<b>3</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1			
>20	2	X	2	44 PWS
		<b>Subtotal</b>	<b>2</b>	
<b>c) Number of Wells with Nitrate (NO<sub>3</sub>) ≥ 10 mg/l</b>				
0	0			
1 to 2	1	X	1	2 Wells
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>6</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	% wells	Nitrate Concentration Criteria		
Percent of wells with Nitrate (NO <sub>3</sub> ) ≥ 2 mg/l	87%	2	1.74	
Percent of wells with Nitrate (NO <sub>3</sub> ) ≥ 5 mg/l	26%	5	1.3	
Percent of wells with Nitrate (NO <sub>3</sub> ) ≥ 10 mg/l	3%	10	0.3	
		<b>Water Quality Total</b>	<b>3.34</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>14.34</b>	

**NITRATE PRIORITY AREA # 17  
POCATELLO**

Nitrate Concentrations: (mg/l)

Minimum Value	0.9
Maximum Value	14.5
Average Value	3.8
No. Samples $\geq$ 10	2
No. Samples 5 – 9.99	14
No. Samples 2 – 4.99	38
No. Samples < 2	8
No. Samples $\geq$ 2	54
No. Samples $\geq$ 5	16
No. Samples $\geq$ 10	2
% Samples $\geq$ 2	87%
% Samples $\geq$ 5	26%
% Samples $\geq$ 10	3%
Total Samples	62
No. PWS Samples	44
No. SMN Samples	18
No. IDAG Samples	0
No. REG/LOC Samples	0

PWS = Public Water Systems

SMN = State Wide Monitoring Network

IDAG = Idaho Dept. of Agriculture Studies

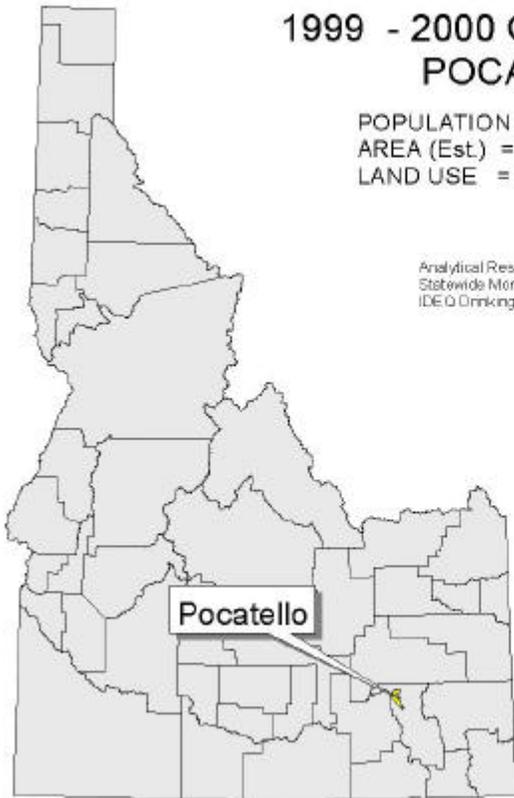
REG/LOC = Regional/Local Monitoring DEQ and DEQ/IDAG Projects

# 1999 - 2000 GROUP 1 NITRATE PRIORITIZATION POCATELLO AREA 17\* (RANKED)

POPULATION (Est.) = 63,787

AREA (Est.) = 22,576 Acres

LAND USE = Predominantly Urban, Smaller Amounts of Riparian, Range and Irrigated Agriculture, Minor Amount of Dry Agriculture



Analytical Results for Nitrate Data Sources:  
Statewide Monitoring Network (USGS/IDWR), 18 sites, most recent analysis used  
IDEO Drinking Water Information System (DWIMS), 44 PWS, 1999-2000 data, highest value used

Nitrate Values (mg/l)	Number of Sites
>=10	2
5 - 9.99	14
2 - 4.99	38
< 2	8

MAXIMUM VALUE = 14.5  
MINIMUM VALUE = 0.9  
MEDIAN = 3.0  
AVERAGE = 3.8  
MODE = 2.5

TOTAL NUMBER OF SAMPLING SITES = 62  
TOTAL NUMBER OF PWS SITES = 44

No. Sites Nitrate >= 2 mg/l = 54  
No. Sites Nitrate >= 5 mg/l = 16  
No. Sites Nitrate >=10 mg/l = 4

\*Previously referred to as Area 18 for trend analysis

## Nitrate Analytical Results - Statewide, PWS

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

Nitrate Priority Area 17  
Pocatello

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



2 0 2 4 Miles

