

Priority Area Number: 13		Priority Area Name: Hammett		
Ranking Criteria			Score	Comments
1) POPULATION				
	Points	Select One		
a) Within Degraded Area				
<1000	1			
1000 to 10,000	2	X		Population=1657
10,000 to 100,000	3			
		Subtotal	2	
b) Source Water Protection Areas or Public Water System wells in Priority Area				
0	0			
1 to 20	1	X	1	4 PWS
>20	2			
		Subtotal	1	
c) Number of Wells with Nitrate (NO₃) ≥10 mg/l				
0	0	X	0	0 Wells
1 to 2	1			
3 to 5	2			
6 to 9	3			
10 to 15	4			
>15	5			
		Subtotal	0	
		Population Score	3	
		Max Possible Score = 10		
2) WATER QUALITY				
	% wells	Nitrate Concentration Criteria		
Percent of wells with Nitrate (NO ₃) ≥2 mg/l	63%	2	1.26	
Percent of wells with Nitrate (NO ₃) ≥5 mg/l	33%	5	1.90	
Percent of wells with Nitrate (NO ₃) ≥ 10 mg/l	0%	10	0	
		Water Quality Total	3.16	
3) WATER QUALITY TRENDS				
		Select One		
Increasing	10	X	10	
No Discernable Trend	5			
Decreasing trend	0			
		Trend Score	10	
		Max Possible Score = 10		
4) OTHER BENEFICIAL USES				
Other beneficial uses are impaired	2	Yes=2 No = 0	No	
		Beneficial use score	0	
		Max Possible Score = 2		
		Total Score	16.16	

**NITRATE PRIORITY AREA # 13
HAMMETT**

Nitrate Concentrations: (mg/l)

Minimum Value	0.0
Maximum Value	8.9
Average Value	4.0
No. Samples \geq 10	0
No. Samples 5 – 9.99	6
No. Samples 2 – 4.99	4
No. Samples < 2	6
No. Samples \geq 2	10
No. Samples \geq 5	6
No. Samples \geq 10	0
% Samples \geq 2	63%
% Samples \geq 5	38%
% Samples \geq 10	0%
Total Samples	15
No. PWS Samples	4
No. SMN Samples	12
No. IDAG Samples	0
No. REG/LOC Samples	0

PWS = Public Water Systems

SMN = State Wide Monitoring Network

IDAG = Idaho Dep. Of Agriculture Studies

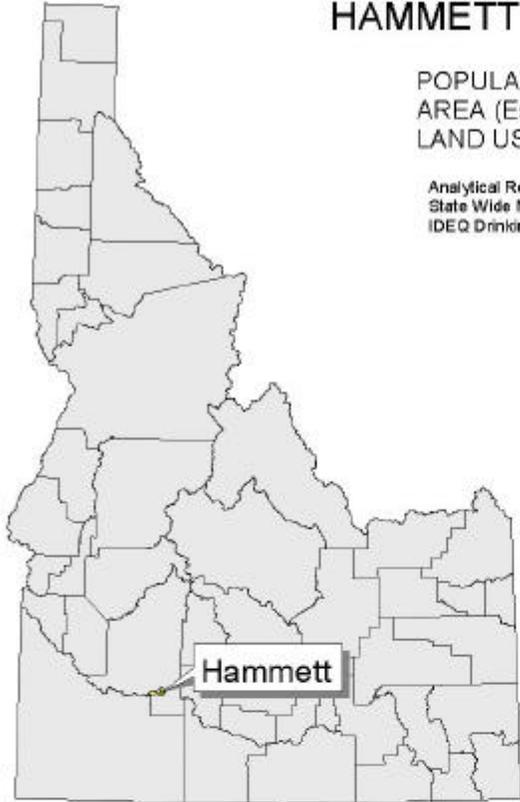
REG/LOC = Regional/Local Monitoring DEQ and DEQ/IDAG Projects

IDAG has added a sampling site within this area in 2001. The data from that site will be incorporated in 2001 ranking.

1999 - 2000 GROUP 1 NITRATE PRIORITIZATION HAMMETT PRIORITY AREA 13* (RANKED)

POPULATION (Est.) = 1856
 AREA (Est.) = 14,416 Acres
 LAND USE = Irrigated Agriculture & Range Land

Analytical Results for Nitrate Data Sources:
 State Wide Monitoring Network (USGS/DWR), 12 sites, most recent analysis used
 IDEQ Drinking Water Information System (DWIMS), 3 PWS wells and 1 PWS Spring, highest value used



Nitrate Values (mg/l)	Number of Sites
>= 10	0
5 - 9.99	6
2 - 4.99	4
< 2	6

MAXIMUM VALUE = 8.9
 MINIMUM VALUE = 0.0
 MEDIAN = 4.1
 AVERAGE = 4.0
 MODE = 0.1

TOTAL NUMBER OF SAMPLING SITES = 16
 TOTAL NUMBER OF PWS SITES = 4

No. Sites Nitrate >= 2 mg/l = 10
 No. Sites Nitrate >= 5 mg/l = 6
 No. Sites Nitrate >= 10 mg/l = 0

*Previously referred to as Area 13 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 13,
Hammett

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

