

Priority Area Number: 5		Priority Area Name: Camas Prairie		
Ranking Criteria			Score	Comments
<b>1) POPULATION</b>				
	Points	Select One		
<b>a) Within Priority Area</b>				
<1000	1	X	1	Population = 686
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			
1 to 20	1	X	1	5 PWS
>20	2			
		<b>Subtotal</b>	<b>1</b>	
<b>c) Number of Wells with Nitrate (NO<sub>3</sub>) ≥10 mg/l</b>				
0	0			
1 to 2	1			
3 to 5	2			
6 to 9	3			
10 to 15	4			
>15	5	X	5	29 Wells
		<b>Subtotal</b>	<b>5</b>	
		<b>Population Score</b>	<b>7</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	77%	2	1.54	
Percent of wells with Nitrate (NO <sub>3</sub> ) ≥5 mg/l	52%	5	2.6	
Percent of wells with Nitrate (NO <sub>3</sub> ) ≥10 mg/l	24%	10	2.4	
		<b>Water Quality Total</b>	<b>6.54</b>	
<b>3) WATER QUALITY TRENDS</b>				
		Select One		
Increasing	10	X	10	
No Discernable Trend	5			
Decreasing trend	0			
		<b>Trend Score</b>	<b>10</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>23.54</b>	

**NITRATE PRIORITY AREA # 5  
CAMAS PRAIRIE**

Nitrate Concentrations: (mg/l)

Minimum Value	0
Maximum Value	79.5*
Average Value	8.7
No. Samples $\geq$ 10	29
No. Samples 5 – 9.99	33
No. Samples 2 – 4.99	31
No. Samples < 2	27
No. Samples $\geq$ 2	93
No. Samples $\geq$ 5	62
No. Samples $\geq$ 10	29
% Samples $\geq$ 2	77%
% Samples $\geq$ 5	52%
% Samples $\geq$ 10	24%
Total Samples	120
No. PWS Samples	5
No. SMN Samples	10
No. IDAG Samples	3
No. REG/LOC Samples	102

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

\*This site was sampled on August 19, 1998. This same well was sampled on July 23, 1998, with an NO<sub>3</sub> value of 65.3 mg/l at that time by the USGS as part of the Statewide Monitoring Network (Well ID – USGS 461323116101901; 33N 02E 11BAA1).

DEQ regional/local monitoring projects conducted in 1998 include:

Ferdinand (Ferd98)

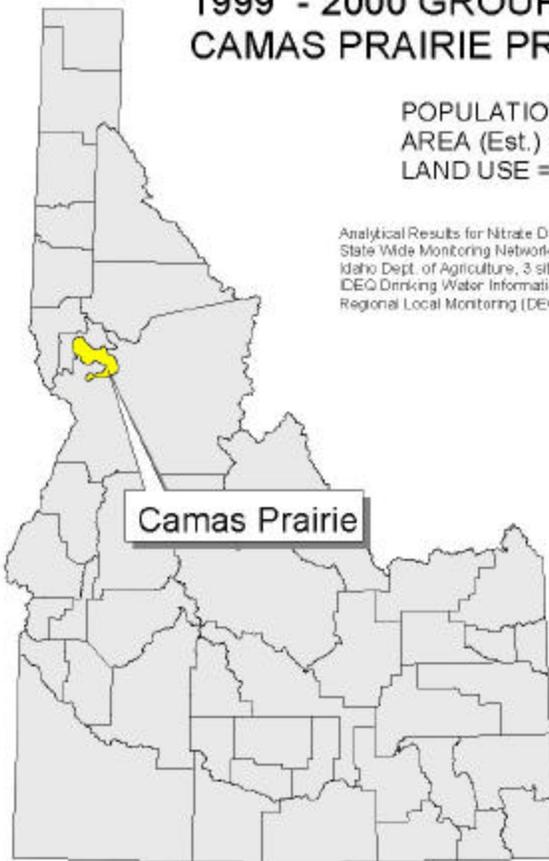
Craigmont (Craig98)

Camas (Camas98)

# 1999 - 2000 GROUP 1 NITRATE PRIORITIZATION CAMAS PRAIRIE PRIORITY AREA #5\* (RANKED)

POPULATION (Est.) = <1,000  
 AREA (Est.) = 187001 Acres  
 LAND USE = Dry Land Agriculture

Analytical Results for Nitrate Data Sources  
 State Wide Monitoring Network (USGS), 10 sites, most recent analysis used  
 Idaho Dept. of Agriculture, 3 sites, most recent analysis used  
 IDEQ Drinking Water Information System (DIWIMS), 5 PWS, 1999-2000 data, highest value used  
 Regional Local Monitoring (DEQcamas 1998), 102 sites



Nitrate Values (mg/l)	Number of Sites
>= 10	29
5 - 9.99	33
2 - 4.99	31
< 2	27

MAXIMUM VALUE = 79.5\*\*  
 MINIMUM VALUE = 0.0  
 MEDIAN = 5.4  
 AVERAGE = 8.7

TOTAL NUMBER OF SAMPLING SITES = 120  
 TOTAL NUMBER OF PWS SITES = 5

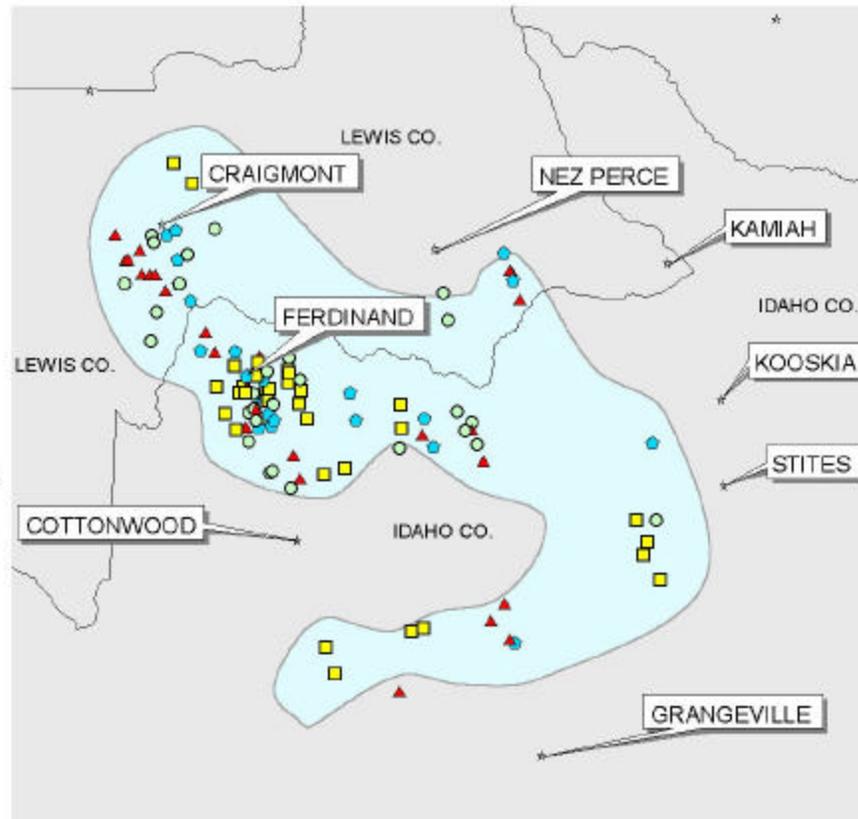
No. Sites Nitrate >= 2 mg/l = 93  
 No. Sites Nitrate >= 5 mg/l = 62  
 No. Sites Nitrate >= 10 mg/l = 29

\*Previously referred to as Area 3 for trend analysis

Nitrate Analytical Results -  
 Statewide, USGS, IDAG,  
 REG/LOC

- ▲ >= 10 mg/l
- 5 - 9.99 mg/l
- 2 - 4.99 mg/l
- <2 mg/l
- Nitrate Priority Area 5, Camas Prairie

USGS = United States Geological Survey  
 IDAG = Idaho Department of Agriculture  
 DWR = Idaho Department of Water Resources  
 IDEQ = Idaho Department of Environmental Quality  
 REG/LOC = Regional/Local Monitoring Projects  
 PWS = Public Water System  
 mg/l = milligram s per liter



\*\*Site ID-USGS461325118101901  
 79.5 mg/l Nitrate when sampled on 8/19/1998  
 65.3 mg/l Nitrate when sampled on 7/23/1998  
 Sampled by USGS, Statewide Monitoring Network 1998, most recent data used in ranking