GYC 2005 Data

SCM-950

TECHNICAL REPORT

Client: Greater Yellowstone Coalition
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By:

Frank Weber
Research Triangle Institute
3040 Cornwallis Road
Research Triangle Park, NC 27709
919.541.8762
fxw@rti.org

Submitted to:

Marv Hoyt
Idaho Director
Greater Yellowstone Coalition
162 North Woodruff Avenue
Idaho Falls, ID 83401-4335
mhoyt@greateryellowstone.org

SCM.950

Table 1
Sample Results
(ug/L)

Sample	Result
GYC-1	3.04
GYC-2	417
GYC-3	0.698
GYC-4	2.85
GYC-5	1.21
GYC-6	4.58
GYC-7	2.09
GYC-8	2.03
Detection Limit	**0.150**

Table 2

Representative Quality Control

Element	Detection Limit (ug/L)	Calibration Correlation Coefficient	Sample Spike Recovery [a]	Sample Duplicate %RSD [b]	Digestion Blank	Digestion Blank Spike [c]
Se	0.150	>0.9999	101%	2	<DL	104%

[a] % Recovery for sample GYC-3 spiked at 50.0 ug/L.

[b] %RSD for duplicate preparations of sample GYC-1.

[c] % Recovery for blank spiked at 50.0 ug/L.

Sum 950

2005 GYC Collection Sites

Blackfoot River Watershed - BlkFt

GYC1 **Angus Creek** approximately 0.17 mile west of FS Road # 102 near the confluence with the Blackfoot River – N42°49'42.2" / W111°20'00.43"

GYC2 **Mill Creek** approximately 0.68 miles due south of FS Road #102 along section line fence that separates state section 16 from private land in section 15 – N42°48'4.73" / W111°18'6.38"

GYC9 **Blackfoot River** at Blackfoot River County Park, China Hat, ID near intersection of State Highway 34 and Blackfoot River Road – N42°49.288' / W111°33.186'. (No water quality samples were taken at this site in April 05).

Salt River Watershed - SR

GYC3 **Smoky Creek** in Section 17 downstream of Smoky Canyon Mine at approximately 240 feet east of FS Road 110 (Smoky Canyon Road) – N42°43'4.50" / W111°6'1.6"

GYC4 **Deer Creek** approximately 0.10 miles west of the fence line between Riede's and FS on FS managed land. N42°35'00.98" / W111°08'6.69"

GYC5 **Crow Creek**, above Sage Creek, approximately 200 feet east of the Crow Creek Road (FS Road 111) – N42°35'26.9" / W111°7'6.7"

GYC6 **Sage Creek** on Kennington Ranch approximately 150 feet downstream and east of Crow Creek Road – N42°37'1.8" / W111°6'0.47"

GYC7 **Crow Creek** on Hartman Ranch just off the entrance road from Crow Creek Road – N42°37'6.09" / W111°5'1.57"

GYC8 **Crow Creek** on Hartman Ranch just off the entrance road from Crow Creek Road – N42°37'6.09" / W111°5'1.57" – this was the site for a duplicate water sample for control purposes.