Missouri
Department of
Natural Resources

Use Attainability Analysis

for

WBID 2123 Rubeneau Branch

Submitted by
Missouri Department of Natural Resources Staff

To
Missouri Department of Natural Resources
Water Protection Program

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WATER PROTECTION PROGRAM

Field Data Sheets for Recreational Use Stream Surveys

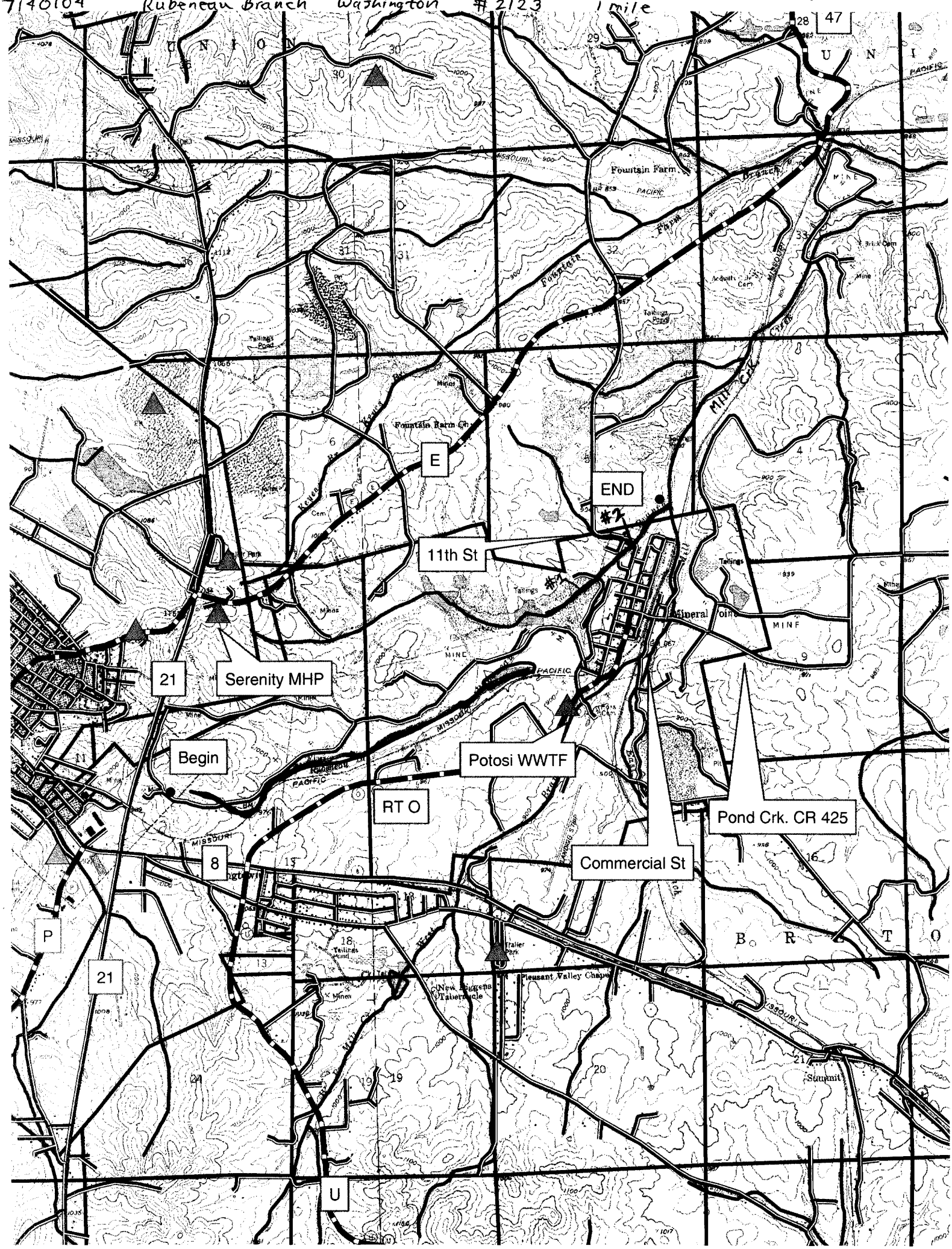
Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad):	Rubeneau Branch
8-digit HUC:	07140104
Missouri WBID #:	2123
County:	Washington
Upstream Legal Description:	Mining Area Sec. 8 T37N R3E (Projected)
Downstream Legal Description:	Mining Area Sec. 8 T37N R3E (Projected)
Upstream Coordinates:	~~UTM~~ 37.94273 90.72974
Downstream Coordinates:	UTM 37.94990 90.72455
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	2
Name of Surveyor and Telephone Number:	Tucker Fredrickson (573)526-4210
Organization:	MDNR
Position:	Environmental Specialist

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Tucker Fredrickson **Date:** 6/17/05

7140104 Rubeneau Branch Washington #2123 1 mile



Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

29.0

Missouri WBID #: 2123-01	Site Location Description: (Private) Property lying West of Midwest Road
Site GPS Coordinates: 37.94273 90.72974	
Date & Time: 6/17/05 11:20	Facility Name: Rubeneau Branch
Personnel: Tucker Fredrickson	Permit Number:
Current Weather Conditions: Sunny 80°F	Weather Conditions for Past 7 days: less than 0.5" rainfall
Photo Ids: Upstream: 21 Downstream: 22	Other: H Temp. Range 80-87°F

Uses Observed*:

☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☒ None of the above	☐ Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	☒ Other: NA	

Evidence of Human Use*:

☐ Roads	☐ Foot paths/prints	☐ Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☒ Other: NA				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two – Data Sheet B for WBID # 2123 :

Stream Morphology:

Upstream View Physical Dimensions: No Flow

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Flow	Present? ☐ Yes ☒ No		Estimated (ft^3/sec):	

Downstream View Physical Dimensions:

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Flow	Present? ☐ Yes ☑ No		Estimated (ft^3/sec):	

Substrate*: (These values should add up to 100%.) Not Evaluated

% Cobble	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Water Characteristics*: (Mark all that apply.)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	☐ None	☐ Other:
Color:	☐ Clear	☐ Green	☐ Gray	☐ Milky	☐ Other:
Bottom Deposit:	☐ Sludge	☐ Solids	☐ Fine sediments	☐ None	☐ Other:
Surface Deposit:	☐ Oil	☐ Scum	☐ Foam	☐ None	☐ Other:

Comments: Please attach additional comments (including information from interviews) to this form.

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I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Tucker Fredrickson Date: 6/17/05

Organization: MDNR Position: Environmental Specialist

2123_001_US

2123_001_DS

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 2123 - 02		Site Location Description: Bridge crossing Midwest Road	
Site GPS Coordinates: 37.99990 90.72455			
Date & Time: 6/17/05 10:45		Facility Name: Rubeneau Branch	
Personnel: Tucker Fredrickson		Permit Number: H Temp. Range 80-87°F	
Current Weather Conditions: Sunny 80°F		Weather Conditions for Past 7 days: less than 0.5" rain	
Photo Ids: Upstream: 19	Downstream: 20	Other:	

Uses Observed*:

☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☒ None of the above	☐ Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

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Page Two – Data Sheet B for WBID # 2123:

Stream Morphology:

Upstream View Physical Dimensions:

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 4	Length (ft): 20	Avg. Depth (ft): 0.3	Max. Depth (ft): 0.3
☐ Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec):	

Downstream View Physical Dimensions:

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Pool	Width (ft): 15	Length (ft): 12	Avg. Depth (ft): 0.75	Max. Depth (ft): 1.0
☐ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec):	

Substrate*: (These values should add up to 100%.)

40 % Cobble	30 % Gravel	30 % Sand	% Silt	% Mud/Clay	% Bedrock

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Water Characteristics*: (Mark all that apply.)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	☒ None	☐ Other:
Color:	☒ Clear	☐ Green	☐ Gray	☐ Milky	☐ Other:
Bottom Deposit:	☐ Sludge	☐ Solids	☒ Fine sediments	☐ None	☐ Other:
Surface Deposit:	☐ Oil	☐ Scum	☐ Foam	☒ None	☐ Other:

Comments: Please attach additional comments (including information from interviews) to this form.

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Organization: MDNR Position: Environmental Specialist

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2123_002_DS