Use Attainability Analysis

for

WBID 3577 Sadler Branch

Submitted by
Missouri Department of Natural Resources Staff

To
Missouri Department of Natural Resources
Water Protection Program

Date Received: July 19, 2005

RECEIVED

JUN 9 2005

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad)	Sadler Br
8-digit HUC:	10290106
Missouri WBID #:	WB-3577
County:	Polk
Upstream Legal Description:	18 35 24
Downstream Legal Description:	18 35 24
Upstream Coordinates:	446101 4182496
Downstream Coordinates:	446087 418342
Discharger Facility Name(s):	—
Discharger Permit Number(s):	—
Number of Sites Evaluated:	2
Name of Surveyor and Telephone Number:	417 888 4028 R Henderson
Organization:	DNR
Position:	SS VI

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

Signed: Richard Henderson **Date:** 6/13/05

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 #: 3577-1	Site Location Description: 327th + Sadler
Site GPS Coordinates: 446101-4182496	
Date & Time: 6/13/05, 12:00	Facility Name: —
Personnel: D Vielo, Henderson	Permit Number: —
Current Weather Conditions: clear	Weather Conditions for Past 7 days: Few 3 days ago
Photo Ids: Upstream: WBU3577-1 Downstream: WBD3577-1	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.)

☐ 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:	

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: None				

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.

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two – WBID # 3577 - 1

Stream Morphology:

Upstream View Physical Dimensions:

☒ Riffle	Width (ft): 12	Length (ft): 150	Avg. Depth (ft): 8 "	Max. Depth (ft): 12"
☐ 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): 25	Length (ft): 100	Avg. Depth (ft): 3'	Max. Depth (ft): 4'
☐ Flow	Present? ☐ Yes ☐ No		Estimated (ft^3/sec):	

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

10 % Cobble	15 % Gravel	30 % Sand	30 % Silt	15 % Mud/Clay	0 % Bedrock

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

Smartweed

Water Characteristics*: (Mark all that apply.)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	☒ None	☐ Other:
Color:	☒ Clear	☐ Green	☐ Gray	☐ Milky	☐ Other: dusty
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.

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

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

Signed: Richard Henderson **Date:** 6/15/05

Organization: DNR Position: SS4

Photo # 3577 –Downstream #1

Photo # 3577 –Upstream #1

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 #: 3577-2	Site Location Description:
Site GPS Coordinates: 446087, 4183421	N Hgwy + Creek
Date & Time: 6/13/05 12:28	Facility Name:
Personnel: Viele Henderso	Permit Number: —
Current Weather Conditions: clear	Weather Conditions for Past 7 days: Rain 2" 3 days ago
Photo Ids: Upstream: WBU3577-2 Downstream: WBD3577-2	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.)

☐ 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: Fish Farm	

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: None				

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.

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two – WBID # 3577: - 2

Stream Morphology:

Upstream View Physical Dimensions:

☐ Riffle	Width (ft):		Length (ft):		Avg. Depth (ft):	18	Max. Depth (ft):	24
☒ Run	Width (ft):	18'	Length (ft):	160	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):	18	Length (ft):	200	Avg. Depth (ft):	18	Max. Depth (ft):	24
☐ 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%.)

30 % Cobble	20 % Gravel	20 % Sand	20 % Silt	10 % 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: Murky
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.

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

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

Signed: Richard Henderson **Date:** 6/13/05

Organization: DNR Position: SSIV

Photo # 3577 –Downstream #2

Photo # 3577 –Upstream #2

Sadler Br. (WB3577)
Polk County, Missouri