Use Attainability Analysis

for

WBID 1500 Wolf Creek

Submitted by
Missouri Department of Natural Resources Staff

To
Missouri Department of Natural Resources
Water Protection Program

Date Received: July 19, 2005

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WATER PROTECTION

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad):	Wolf Creek
8-digit HUC:	10290201
Missouri WBID #:	1900
County:	Wright
Upstream Legal Description:	16-28N-15W
Downstream Legal Description:	12-29N-15W
Upstream Coordinates:	536697.8 4108609.2
Downstream Coordinates:	542777.2 4118422.1
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	3 (No other access)
Name of Surveyor and Telephone Number:	Duane Vick 417-766-5865
Organization:	DNR-SWCP
Position:	Soil Scientist

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

Signed: Duane Vick **Date:** 6/27/05

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 #: 1500-1		Site Location Description: Adamson Road gravel road crossing Concrete bridge.
Site GPS Coordinates: 542046; 4114665		
Date & Time: 6/27/05 12:30PM		Facility Name:
Personnel:		Permit Number:
Current Weather Conditions: Clear/Sunny		Weather Conditions for Past 7 days: Clear/Dry
Photo Ids. Upstream: 1500-1u	Downstream: 1500-1d	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*: None

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

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 # 1500-1 :

Stream Morphology:

Upstream 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): 20	Length (ft): 40	Avg. Depth (ft): 6"	Max. Depth (ft): 12"
☐ Flow	Present? ☑ Yes ☐ No		Estimated (ft^3/sec): Trickle	

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): 8	Length (ft): 20	Avg. Depth (ft): 4"	Max. Depth (ft): 6"
☐ Flow	Present? ☐ Yes ☑ No		Estimated (ft^3/sec):	

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

10 % Cobble	60 % Gravel	10 % Sand	20 % Silt	% Mud/Clay	% Bedrock

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

Green moss masses floating around edges and on gravel

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: DNR - SWCP Position: Soil Scientist

WBID 1500 – Downstream 1

WBID 1500 – 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 #: 1500-2		Site Location Description: State Hwy AB road crosses concrete slab culverts
Site GPS Coordinates: 541915 ; 4113364		
Date & Time: 6/27/05 1245		Facility Name:
Personnel:		Permit Number:
Current Weather Conditions: Clear / Sunny		Weather Conditions for Past 7 days:
Photo Ids: Upstream: 1500-2u	Downstream: 1500-2d	Other: Clear / Dry

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.) None

☐ 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*: None

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

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)

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Page Two – Data Sheet B for WBID # 1500-2:

Stream Morphology:

Upstream View Physical Dimensions: No water

☐ 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: No water

☐ 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%.)

% Cobble	50 % Gravel	% Sand	% Silt	% Mud/Clay	50 % Bedrock

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

N/A

Water Characteristics*: (Mark all that apply.) No Water

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:

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Organization: DNR - SWCP Position: Soil Scientist

WBID 1500 – Downstream 2

WBID 1500 – Upstream 2

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 #: 1500-3		Site Location Description: State Hwy 5 small concrete bridge
Site GPS Coordinates: 537918; 4108748		
Date & Time: 6/27/05 1:10 PM		Facility Name:
Personnel:		Permit Number:
Current Weather Conditions: Clear/Sunny		Weather Conditions for Past 7 days: Clear/Dry
Photo Ids: Upstream: 1500-3u	Downstream: 1500-3d	Other:

Uses Observed*: None

☐ 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*: None

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

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)

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Page Two – Data Sheet B for WBID # 1500-3 :

Stream Morphology:

Upstream View Physical Dimensions: No water

☐ Riffle	Width (ft): 6'	Length (ft): 30'	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): 5'	Length (ft): 60	Avg. Depth (ft): 4"	Max. Depth (ft): 12"
☐ Flow	Present? ☐ Yes ☑ No		Estimated (ft^3/sec):	

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

10 % Cobble	20 % Gravel	% Sand	% Silt	% Mud/Clay	60 % Bedrock

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

None

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: DNR – SWCP Position: Soil Scientist

WBID 1500 – Downstream 3

WBID 1500 – Upstream 3

Wolf Cr. (WB1500)
Wright County, Missouri