

Use Attainability Analysis

for

WBID 0923 Little Creek

Submitted by

Missouri Department of Natural Resources Staff

To

Missouri Department of Natural Resources
Water Protection Program

Date Received: July 18, 2005

RECEIVED
JUL 18 2005
WATER PROTECTION DIVISION

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad):	Little Creek
8-digit HUC:	10300104
Missouri WBID #:	923
County:	Johnson
Upstream Legal Description:	Sec 11 T46N R28W
Downstream Legal Description:	Sec 19 T46N R28W
Upstream Coordinates:	415243 4295397
Downstream Coordinates:	418450 4292753
Discharger Facility Name(s):	
Discharger Permit Name(s):	
Number of Sites Evaluated:	2
Name of Surveyor and Telephone Number:	Greg Caldwell (573)-884-3494 LeAnn Bullard ^{or}
Organization:	DNR
Position:	Soil Scientist III

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

Signed: LeAnn Bullard Date: 6/14/05

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

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

Missouri WBID #: 923	Site Location Description:	
20' Site GPS Coordinates: 415330 4295236	Bridge Co. 2-1 1251	
Date & Time: 6/14/05	Facility Name:	
Personnel: G. C. L. B.	Permit Number:	
Current Weather Conditions: Sunny	Weather Conditions for Past 7 Days:	
Photo Ids: Upstream 923001	Downstream: 923002	Other:
B3	34	

Uses Observed*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin Diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water Skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:
Describe: (include number of individuals, 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.)

<input type="checkbox"/> City/County parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input checked="" type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input type="checkbox"/> Other:	

Evidence of Human Use*:

<input type="checkbox"/> Roads	<input type="checkbox"/> Foot pats/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV/ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPEDS discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: NONE				

Site Locations Map(s): Attach a map of the entire segment with the 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 recreation 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# 923 :

Stream Morphology: #1

Upstream View Physical Dimensions:

<input type="checkbox"/> Riffle	Width (ft.):	Length (ft.):	Avg. Depth (ft.):	Max Depth (ft.):
<input type="checkbox"/> Run	Width (ft.):	Length (ft.):	Avg. Depth (ft.):	Max Depth (ft.):
<input checked="" type="checkbox"/> Pool	Width (ft.):	Length (ft.):	Avg. Depth (ft.):	Max Depth (ft.):
<input type="checkbox"/> Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

Downstream View Physical Dimensions:

<input type="checkbox"/> Riffle	Width (ft.):	Length (ft.):	Avg. Depth (ft.):	Max Depth (ft.):
<input type="checkbox"/> Run	Width (ft.):	Length (ft.):	Avg. Depth (ft.):	Max Depth (ft.):
<input checked="" type="checkbox"/> Pool	Width (ft.): <u>10'</u>	Length (ft.): <u>50'</u>	Avg. Depth (ft.): <u>1.0</u>	Max Depth (ft.): <u>1.0</u>
<input checked="" type="checkbox"/> Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

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

<u>15</u> % Cobble	<u>15</u> % Gravel	% Sand	% Silt	<u>70</u> % Mud/Clay	% Bedrock
--------------------	--------------------	--------	--------	----------------------	-----------

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

N/A

Water Characteristics*: (Mark all that apply)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input checked="" type="checkbox"/> Other <u>murky</u>
Bottom deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other
Surface deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> 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: [Signature] Date: 6/14/05

WBID 0932-Downstream #1



WBID 0932-Upstream #1



Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

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

Missouri WBID #: 923	Site Location Description:	
27' Site GPS Coordinates: 416185 4293992	Bridge Co. Rd. 157	
Date & Time: 6/14/05	Facility Name:	
Personnel: G.C. LB.	Permit Number:	
Current Weather Conditions: Sunny	Weather Conditions for Past 7 Days:	
Photo Ids: Upstream 9231002	Downstream: 923002	Other: 923002 - Pump
	35	36
		37

Uses Observed*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin Diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water Skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:
Describe: (include number of individuals, 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.)

<input type="checkbox"/> City/County parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input checked="" type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input type="checkbox"/> Other:	

Evidence of Human Use*:

<input type="checkbox"/> Roads	<input type="checkbox"/> Foot pats/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV/ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPEDS discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: Dumping				

Site Locations Map(s): Attach a map of the entire segment with the 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 recreation 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# 923 :

Stream Morphology:

Upstream View Physical Dimensions:

<input type="checkbox"/> Riffle	Width (ft.):	Length (ft.):	Avg. Depth (ft.):	Max Depth (ft.):
<input type="checkbox"/> Run	Width (ft.):	Length (ft.):	Avg. Depth (ft.):	Max Depth (ft.):
<input checked="" type="checkbox"/> Pool	Width (ft.): <u>25</u>	Length (ft.): <u>200⁺</u>	Avg. Depth (ft.): <u>1.5</u>	Max Depth (ft.): <u>2.0</u>
<input checked="" type="checkbox"/> Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

Downstream View Physical Dimensions:

<input type="checkbox"/> Riffle	Width (ft.):	Length (ft.):	Avg. Depth (ft.):	Max Depth (ft.):
<input type="checkbox"/> Run	Width (ft.):	Length (ft.):	Avg. Depth (ft.):	Max Depth (ft.):
<input checked="" type="checkbox"/> Pool	Width (ft.): <u>15</u>	Length (ft.): <u>50⁺</u>	Avg. Depth (ft.): <u>1.0</u>	Max Depth (ft.): <u>1.5</u>
<input checked="" type="checkbox"/> Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

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

<u>5</u> % Cobble	<u>10</u> % Gravel	% Sand	% Silt	<u>85</u> % Mud/Clay	% Bedrock
-------------------	--------------------	--------	--------	----------------------	-----------

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

NONE

Water Characteristics*: (Mark all that apply)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input checked="" type="checkbox"/> Other <u>Musky</u>
Bottom deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other
Surface deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> 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: [Signature] Date: 6/14/05

WBID 0932-Downstream #2



WBID 0932-Upstream #2



WBID 0932-Dumping #2



