

Use Attainability Analysis

for

WBID 2588 Spring Creek

Submitted by

Missouri Department of Natural Resources Staff

To

Missouri Department of Natural Resources  
Water Protection Program

Date Received: July 18, 2005

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Spring Creek
8-digit HUC: 11010010
Missouri WBID #: 2588
County: Howell
Upstream Legal Description: NE1/4 SE1/4 Sec.30 T.23N., R.8W.
Downstream Legal Description: NW1/4 NW1/4 Sec.32 T.23N., R.8W.
Upstream Coordinates: N. 36.63345 W. 91.88354
Downstream Coordinates: N. 36.62232 W. 91.87894
Discharger Facility Name(s): NA
Discharger Permit Number(s): NA
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Dennis Meinert 314-416-2960
Organization: Department of Natural Resources, 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: Dennis M. Meinert

Date: 06/14/05

Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

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

Missouri WBID #: WB2588-01	Site Location Description: NW1/4 SE1/4 SEC.30 T.23N. R.8W.	
Site GPS Coordinates: N. 36.63345      W. 91.88354		
Date & Time: 6/14/05      7:30 am	Facility Name: NA	
Personnel: Dennis Meinert	Permit Number: NA	
Current Weather Conditions: Clear, sunny	Weather Conditions for Past 7 days: Clear, sunny	
Photo Ids: Upstream: WBU2588-01	Downstream: WBD2588-01	Other: WBE2588-01_1, WBE2588-01_2 WBE2588-01_3 WBE2588-01_4, WBE2588-01_5

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 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.)

<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 checked="" type="checkbox"/> No trespass sign	<input checked="" type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input type="checkbox"/> Other:	

Evidence of Human Use\*:

<input type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input checked="" type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swing	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input checked="" type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: target shooting, fish skin				

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.



WBID 2588 – Downstream #1



WBID 2588 – Upstream #1



# Field Data Sheet for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization

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

Missouri WBID #: WB2588-02	Site Location Description: NW1/4 NW1/4 SEC.32 T.45N. R.8W.		
Site GPS Coordinates: N. 36.62292 W. 91.88026			
Date & Time: 6/14/05 9:00 am		Facility Name: NA	
Personnel: Dennis Meinert		Permit Number: NA	
Current Weather Conditions: Clear, sunny		Weather Conditions for Past 7 days: Clear, sunny	
Photo Ids: Upstream: WBU2588-02	Downstream: WBD2588-02	Other:	

**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 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.)

<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 checked="" type="checkbox"/> No trespass sign	<input checked="" type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input type="checkbox"/> Other:	

**Evidence of Human Use\*:**

<input type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swing	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: Landowner said there had been trespassing and fishing				

**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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**Field Data Sheet for Recreational Use Stream Surveys**

**Data Sheet B - Site Characterization**

Page Two - WBID #: WB2588-02

**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): 25'	Length (ft): 115'	Avg. Depth (ft): 3'	Max. Depth (ft): 4'
Flow	Present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Estimated (ft <sup>3</sup> /sec):

**Downstream View Physical Dimensions:**

Riffle	Width (ft): 10'	Length (ft): 45'	Avg. Depth (ft): 6"	Max. Depth (ft): 10"
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Estimated (ft <sup>3</sup> /sec):

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

10% Cobble	90% Gravel	<input type="checkbox"/> Sand	<input type="checkbox"/> Silt	<input type="checkbox"/> Mud/Clay	<input type="checkbox"/> Bedrock
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**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

Downstream edge of pool covered with algae.

**Water Characteristics\*:** (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input type="checkbox"/> None	Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	Other:
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input type="checkbox"/> Fine sediments	<input type="checkbox"/> None	Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input type="checkbox"/> 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: Dennis M. Meinerd Date: 06/14/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 2588 – Downstream #2



WBID 2588 – Upstream #2



## Field Data Sheet for Recreational Use Stream Surveys

### Data Sheet B - Site Characterization

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

Missouri WBID #: WB2588-03	Site Location Description: NW1/4 NW1/4 Sec.32 T.23N., R.8W.		
Site GPS Coordinates: N. 36.62232    W. 91.87894			
Date & Time: 6/14/05    8:25 am	Facility Name: NA		
Personnel: Don Foerster, Leon Thompson	Permit Number: NA		
Current Weather Conditions: Clear, sunny	Weather Conditions for Past 7 days: Clear, sunny		
Photo Ids: Upstream: WBU2588-03	Downstream: WBD2588-03	Other:	

#### 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 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.)

<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 checked="" type="checkbox"/> No trespass sign	<input checked="" type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input type="checkbox"/> Other:	

#### Evidence of Human Use\*:

<input type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swing	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> 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)

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WBID 2588 – Downstream #3



WBID 2588 – Upstream #3



**STREAM NAME**

Spring Creek

PHOTO	WBID	UP	DOWN	USE	COMMENTS
1	2588	X		Cattle watering	Fence, Run
2	2588		X	No use	Fence on each side of stream, Pool
3	2588		X	No use	Cigarette butts
4	2588		X	No use	9mm casing
5	2588		X	No use	Cigarette pack
6	2588	X		No use	Foam on water
7	2588		X	No use	Skinned fish
8	2588	X		No use	Beaver pond
9	2588		X	No use	Riffle
10	2588	X		No use	Pool
11	2588		X	No use	Riffle
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