

Use Attainability Analysis

for

WBID 0218 Peruque Creek

Submitted by

Missouri Department of Natural Resources Staff

To

Missouri Department of Natural Resources  
Water Protection Program

Date Received: October 31, 2006

RECEIVED

Field Data Sheets for Recreational Use Stream Surveys OCT 31 2006

Data Sheet A - Water Body Identification

WATER PROTECTION PROGRAM

Water Body Name (from USGS 7.5' quad): Peruque Creek
8-digit HUC: 07110009
Missouri WBID #: 0218
County: St. Charles
Upstream Legal Description: T74N R1W Sec 23 SW 1/4 SE 1/4
Downstream Legal Description: T47N R1E Sec 36 NE 1/4 NW 1/4
Upstream Coordinates: Easting - 0674316 Northing - 4297966
Downstream Coordinates: Easting - 0685838 Northing - 4296540
Discharger Facility Name(s): N/A
Discharger Permit Number(s): N/A
Number of Sites Evaluated: 3 (# 1 - 3)
Name of Surveyor and Telephone Number: Jim Hessel (314)-416-2960
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: James J. Hessel II Date: 10/20/06

# 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 #: 0218 Site #1	Site Location Description: SE 1/4 SW 1/4 SEC 23 T47N R1W		
Site GPS Coordinates: UTM Easting - 0674415 Northing - 4297979 → 38.813331 -90.991135			
Date & Time: 10:15 10/18/06	Facility Name: N/A		
Personnel: Hessel, Kinfe, Morris, Onion	Permit Number: N/A		
Current Weather Conditions: Misty	Weather Conditions for Past 7 days: Cloudy		
Photo Ids: Upstream:WBU0218-1	Downstream:WBD0218-1	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.)				
NONE				

**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 type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: NONE	

**Evidence of Human Use\*:**

<input checked="" 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: Tire, bucket, cans and bottles				

**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 Sheet for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization

Page Two - WBID #:0218 Site #1

**Stream Morphology:**

**Upstream View Physical Dimensions:**

Riffle	Width (ft): 22	Length (ft): 92	Avg. Depth (ft): .6	Max. Depth (ft): 1
Run	Width (ft): 17	Length (ft): 22	Avg. Depth (ft): .6	Max. Depth (ft): 1.2
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow Present?	<b>XXX Yes</b>	No	Estimated (ft <sup>3</sup> /sec):N/A	

**Downstream View Physical Dimensions:**

Riffle	Width (ft): 31	Length (ft): 31	Avg. Depth (ft): .2	Max. Depth (ft): .3
Run	Width (ft): 36	Length (ft): 35	Avg. Depth (ft): .6	Max. Depth (ft): 1.1
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow Present?	<b>XXX Yes</b>	No	Estimated (ft <sup>3</sup> /sec):N/A	

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

50 % Cobble	% Gravel	% Sand	% Silt	% Mud/Clay	50 % Bedrock
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**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

40 % algae on bottom rocks
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**Water Characteristics\*:** (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None XXX	Other:
Color:	Clear XXX	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other: Bedrock
Surface Deposit:	Oil	Scum	Foam	None XXX	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: James J. Howard II Date: 10/30/06

Organization: MDNR

Position: Environmental Specialist

WBID 0218-01 – downstream



WBID 0218-01 – upstream



# 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 #: 0218 Site #2	Site Location Description: SE 1/4 NW 1/4 SEC 30 T47N R1E		
Site GPS Coordinates: UTM Easting - 0677607 Northing - 4297086 → 38.804651 -90.954622			
Date & Time: 10:45 10/18/06		Facility Name: N/A	
Personnel: Hessel, Kine, Morris, Onion		Permit Number: N/A	
Current Weather Conditions: Misty		Weather Conditions for Past 7 days: Cloudy	
Photo Ids: Upstream:WBU0218-2	Downstream:WBD0218-2	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.)				
NONE				

### 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 type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: NONE	

### Evidence of Human Use\*:

<input checked="" 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 type="checkbox"/> 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.

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

**Data Sheet B - Site Characterization**

Page Two - WBID #:0218 Site #2

**Stream Morphology:**

**Upstream View Physical Dimensions:**

Riffle	Width (ft):	18	Length (ft):	51	Avg. Depth (ft):	.25	Max. Depth (ft):	.4
Run	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
Pool	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
Flow	Present?	<b>XXX Yes</b>	No		Estimated (ft <sup>3</sup> /sec):	N/A		

**Downstream View Physical Dimensions:**

Riffle	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
Run	Width (ft):	34	Length (ft):	79	Avg. Depth (ft):	.5	Max. Depth (ft):	.6
Pool	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
Flow	Present?	<b>XXX Yes</b>	No		Estimated (ft <sup>3</sup> /sec):	N/A		

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

50% Cobble	50% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
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**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

30% Algae
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**Water Characteristics\*:** (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None XXX	Other:
Color:	Clear XXX	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments XXX	None	Other:
Surface Deposit:	Oil	Scum	Foam	None XXX	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: James J. Hessel II

Date: 10/30/06

Organization: MDNR

Position: Environmental Specialist

WBID 0218-02 – downstream



WBID 0218-02 – upstream



# 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 #: 0218 Site #3	Site Location Description: SE 1/4 SE 1/4 SEC 29 T47N R1E		
Site GPS Coordinates: UTM Easting - 0608177 Northing - 429644			
Date & Time: 11:10 10/18/06		Facility Name: N/A	
Personnel: Hessel, Kiefe, Morris, Onion		Permit Number: N/A	
Current Weather Conditions: Cloudy		Weather Conditions for Past 7 days: Cloudy	
Photo Ids: Upstream:WBU0218-3	Downstream:WBD0218-3	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.)				
NONE				

**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 type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other:	

### Evidence of Human Use\*:

<input checked="" 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 type="checkbox"/> 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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**Field Data Sheet for Recreational Use Stream Surveys**

**Data Sheet B - Site Characterization**

Page Two - WBID #:0218 Site #3

**Stream Morphology:**

**Upstream View Physical Dimensions:**

Riffle	Width (ft):	25	Length (ft):	27	Avg. Depth (ft):	.25	Max. Depth (ft):	.4
Run	Width (ft):	22	Length (ft):	150	Avg. Depth (ft):	.6	Max. Depth (ft):	.75
Pool	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
Flow	Present?	<b>XXX Yes</b>	No		Estimated (ft <sup>3</sup> /sec):	N/A		

**Downstream View Physical Dimensions:**

Riffle	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
Run	Width (ft):	36	Length (ft):	150	Avg. Depth (ft):	.9	Max. Depth (ft):	1.9
Pool	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
Flow	Present?	<b>XXX Yes</b>	No		Estimated (ft <sup>3</sup> /sec):	N/A		

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

70% Cobble	30 % Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
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**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

10% Algae
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**Water Characteristics\*:** (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None XXX	Other:
Color:	Clear XXX	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other: Bedrock
Surface Deposit:	Oil	Scum	Foam	None XXX	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: James J. Heard # Date: 10/30/06  
 Organization: MDNR  
 Position: Environmental Specialist

WBID 0218-03 – downstream



WBID 0218-03 – upstream



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

**Data Sheet A - Water Body Identification**

Water Body Name (from USGS 7.5' quad): Peruque Creek
8-digit HUC: 07110009
Missouri WBID #: 0218 <i>Site 4-6</i>
County: St. Charles
Upstream Legal Description: T47N R1W Sec 23 SW 1/4 SE 1/4
Downstream Legal Description: T47N R1E Sec 36 NE 1/4 NW 1/4
Upstream Coordinates: Easting - 0674316 Northing - 4297966
Downstream Coordinates: Easting - 0685838 Northing - 4296540
Discharger Facility Name(s): N/A
Discharger Permit Number(s): N/A
Number of Sites Evaluated: 3 (# 4 - 6)
Name of Surveyor and Telephone Number: Jim Hessel (314)-416-2960
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: *James J. Hessel II*                      Date: *10/20/06*

# 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 #: 0218 Site #4	Site Location Description: NE 1/4 NE 1/4 SEC 33 T47N R1E			
Site GPS Coordinates: UTM Easting - 0681455 Northing - 4296081 → 38.794817 -90.910599				
Date & Time: 12:50 10/18/06			Facility Name: N/A	
Personnel: Hessel, Kinfe, Morris, Onion			Permit Number: N/A	
Current Weather Conditions: Cloudy			Weather Conditions for Past 7 days: Cloudy	
Photo Ids: Upstream:WBU0218-4		Downstream:WBD0218-4	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.)				
NONE				

**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 type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: NONE	

**Evidence of Human Use\*:**

<input checked="" 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 type="checkbox"/> 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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**Field Data Sheet for Recreational Use Stream Surveys**

**Data Sheet B - Site Characterization**

Page Two - WBID #:0218 Site #4

**Stream Morphology:**

**Upstream View Physical Dimensions:**

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft): 34	Length (ft): 68	Avg. Depth (ft): .9	Max. Depth (ft): 1.3
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present? <b>XXX Yes</b>	No	Estimated (ft <sup>3</sup> /sec):N/A	

**Downstream View Physical Dimensions:**

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft): 30	Length (ft): 190	Avg. Depth (ft): .5	Max. Depth (ft): 1.1
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present? <b>XXX Yes</b>	No	Estimated (ft <sup>3</sup> /sec):N/A	

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

30% Cobble	70 % Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
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**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

10% Algae
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**Water Characteristics\*:** (Mark all that apply.)

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

**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: Jones J. Beard II Date: 10/30/06

Organization: MDNR

Position: Environmental Specialist

WBID 0218-04– downstream



WBID 0218-04 – upstream



# 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 #: 0218 Site #5	Site Location Description: NW 1/4 NW 1/4 SEC 35 T47N R1E		
Site GPS Coordinates: UTM Easting - 06835876 Northing - 4295849 <del>→ 38.794817 - 90.910399</del> 38.792286 - 90.886127			
Date & Time: 13:10 10/18/06	Facility Name: N/A		
Personnel: Hessel, Kiefe, Morris, Onion	Permit Number: N/A		
Current Weather Conditions: Cloudy	Weather Conditions for Past 7 days: Cloudy		
Photo Ids: Upstream:WBU0218-5	Downstream:WBD0218-5	Other:WBE0218-5	

**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.)

NONE

**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 type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: NONE	

**Evidence of Human Use\*:**

<input checked="" 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 type="checkbox"/> 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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**Field Data Sheet for Recreational Use Stream Surveys**

**Data Sheet B - Site Characterization**

Page Two - WBID #:0218 Site #5

**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): 31	Length (ft): 300	Avg. Depth (ft): 1.7	Max. Depth (ft): 1.9
Flow	Present?	<b>XXX Yes</b>	No	Estimated (ft <sup>3</sup> /sec):N/A

**Downstream View Physical Dimensions:**

Riffle	Width (ft): 43	Length (ft): 64	Avg. Depth (ft): .04	Max. Depth (ft): .08
Run	Width (ft): 34	Length (ft): 100	Avg. Depth (ft): .7	Max. Depth (ft): 1.04
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	<b>XXX Yes</b>	No	Estimated (ft <sup>3</sup> /sec):N/A

*Handwritten note:*  
 1/10/06  
 +1/10/06

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

65% Cobble	35 % Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
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**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

70% Algae
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**Water Characteristics\*:** (Mark all that apply.)

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

**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: James J. Hensel II Date: 10/30/06

Organization: MDNR

Position: Environmental Specialist

WBID 0218-05 – downstream



WBID 0218-05 – upstream



# 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 #: 0218 Site #6	Site Location Description: NE 1/4 NE 1/4 SEC 35 T47N R1E		
Site GPS Coordinates: UTM Easting - 0684798 Northing - 4295888 → 38.792384 -90.872182			
Date & Time: 13:40 10/18/06		Facility Name: N/A	
Personnel: Hessel, Kine, Morris, Onion		Permit Number: N/A	
Current Weather Conditions: Cloudy		Weather Conditions for Past 7 days: Cloudy	
Photo Ids: Upstream:WBU0218-6	Downstream:WBD0218-6	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.)

NONE

**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 type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: NONE	

**Evidence of Human Use\*:**

<input checked="" 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 type="checkbox"/> 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.

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

**Data Sheet B - Site Characterization**

Page Two - WBID #:0218 Site #6

**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): 28	Length (ft): 67	Avg. Depth (ft): 1.7	Max. Depth (ft): 2
Flow	Present?	<b>XXX Yes</b>	No	Estimated (ft <sup>3</sup> /sec):N/A

**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): 19	Length (ft): 44	Avg. Depth (ft): 1.9	Max. Depth (ft): 2.5
Flow	Present?	<b>XXX Yes</b>	No	Estimated (ft <sup>3</sup> /sec):N/A

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

% Cobble	60 % Gravel	% Sand	40 % Silt	% Mud/Clay	% Bedrock
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**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

40% Algae
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**Water Characteristics\*:** (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None XXX	Other:
Color:	Clear XXX	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments XXX	None	Other:
Surface Deposit:	Oil	Scum	Foam	None XXX	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: James J. Harold II Date: 11/30/06

Organization: MWR

Position: Environmental Specialist

STREAM NAME: Peruque Creek

WBID # 0218

POINT # 1 to 6

PHOTO	WBID	UP	DOWN	USE	COMMENTS
1	0218	✓			WBU0218-01
2	0218		✓		WBD0218-01
3	0218	✓			WBU0218-02
4	0218		✓		WBD0218-02
5	0218	✓			WBU0218-03
6	0218		✓		WBD0218-03
7	0218	✓			WBU0218-04
8	0218		✓		WBD0218-04
9	0218	✓			WBU0218-05
10	0218		✓		WBD0218-05
11	0218				WBE0218-05
12	0218	✓			WBU0218-06
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