Missouri
Department of
Natural Resources

Use Attainability Analysis

for

WBID 0441 Big Muddy Creek

Submitted by
Missouri Department of Natural Resources Staff

To
Missouri Department of Natural Resources
Water Protection Program

Field Data Sheets for Recreational Use Stream Surveys

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WATER PROTECTION PROGRAM

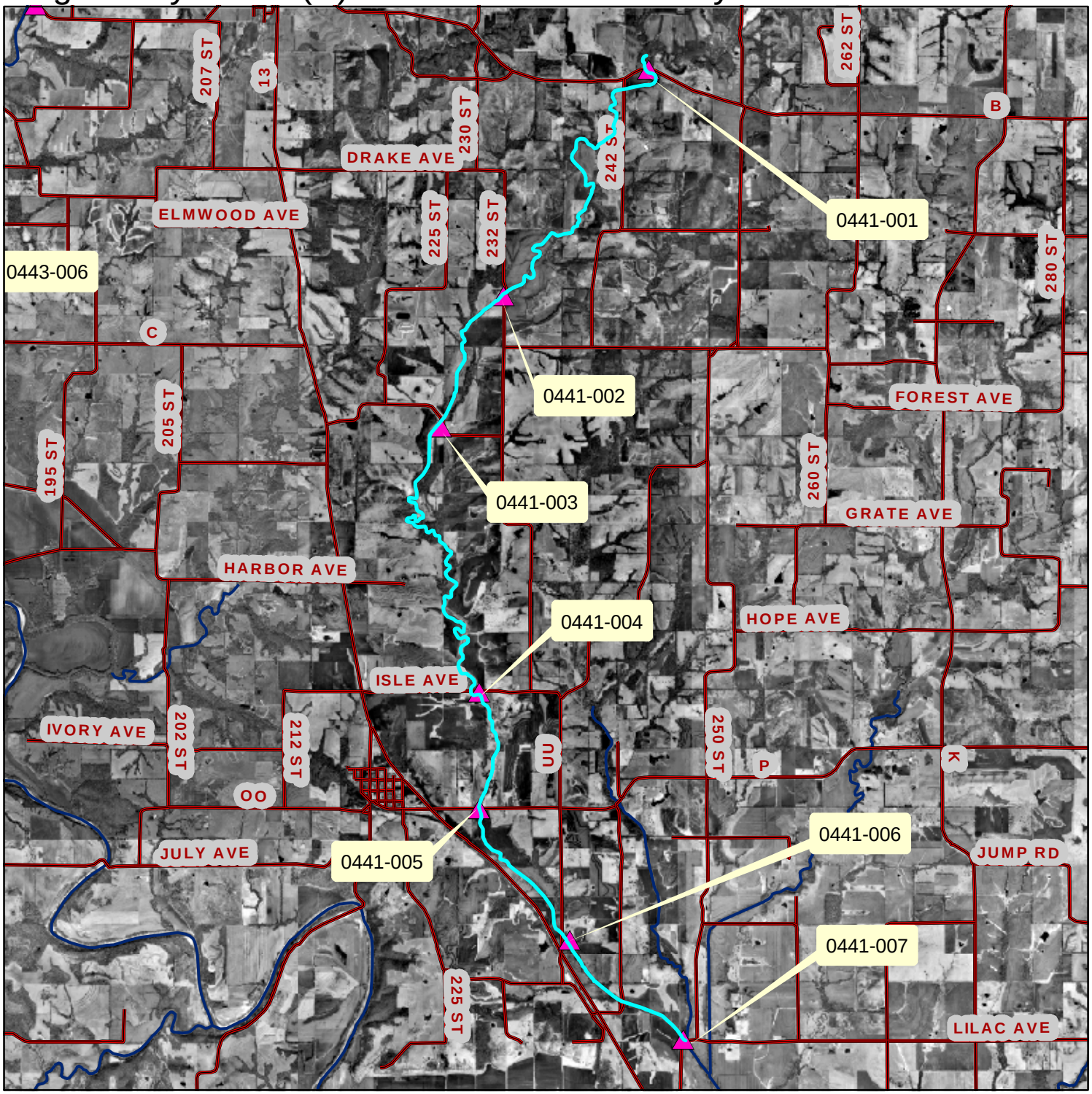
Data Sheet A - Water Body Identification

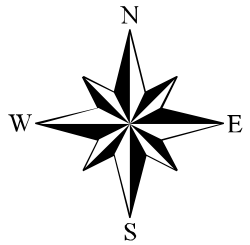
Water Body Name: (from USGS 7.5' quad)	Big Muddy Creek
8-digit HUC:	10230101
Missouri WBID #:	0441
County:	Daviess
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates: (UGS 84, ddd.ddddd)	40.09591 -93.94520
Downstream Coordinates: (UGS 84, ddd.ddddd)	39.97523 -93.93718
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	7
Name of Surveyor and Telephone Number:	Richard Duchrow
Organization:	DNR-WPP
Position:	Stm Biologist

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

Signed: _____ **Date:** 6/22/05

Big Muddy Creek (C) #0441 Daviess County





Legend

Roads

Classified Waterbodies

Miles

0 0.5 1 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 #: 0441-001	Site Location Description:
Site GPS Coordinates: 40.09591 -93.94520	Hwy 6 BR
Date & Time: 6/19/05 1305 hrs.	Facility Name:
Personnel:	Permit Number:
Current Weather Conditions: Clear	Weather Conditions for Past 7 days: Rain - Clear last 5 days
Photo Ids: Upstream: 100-0019 Downstream: 100-0030	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: Rural - Pastureland	

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:				

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 # 0441-001:

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):	10'	Length (ft):	150'	Avg. Depth (ft):	1.0'	Max. Depth (ft):	2.0'	
☑ 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):	15'	Length (ft):	350'	Avg. Depth (ft):	1.0'	Max. Depth (ft):	3.0'	
☑ Flow	Present?	☐ Yes	☑ No		Estimated (ft^3/sec):				

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

60	% Cobble	5	% Gravel	10	% Sand	25	% Silt		% Mud/Clay		% Bedrock

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

mod. algal bloom

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

Signed: _____ **Date:** 6/19/05

Organization: DNR-WPP Position: STM Biologist

0441_001_US

0441_001_DS

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 #: 0441-002		Site Location Description:	
Site GPS Coordinates: 40.06754 -93.96758		a32 ST BR	
Date & Time: 6/19/05 1430 hrs.		Facility Name:	
Personnel: RD		Permit Number:	
Current Weather Conditions: Clear		Weather Conditions for Past 7 days: Rain - Clear last 5days	
Photo Ids: Upstream: 100-0017	Downstream: 100-0018	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: Rural - Cropland	

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: TRASH				

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 # 0441-002:

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):	12'	Length (ft):	150'	Avg. Depth (ft):	0.3'	Max. Depth (ft):	0.7'
☑ 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):	3'	Length (ft):	120'	Avg. Depth (ft):	0.1	Max. Depth (ft):	0.3
☑ Pool	Width (ft):	15'	Length (ft):	85'	Avg. Depth (ft):	0.4	Max. Depth (ft):	1'
☑ Flow	Present?	☑ Yes	☐ No		Estimated (ft^3/sec):	<1.0 CFS		

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

% Cobble	% Gravel	30	% Sand	50	% Silt	20	% Mud/Clay	% Bedrock

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

SLIGHT ALGAE BLOOM SOME TRASH DUMPING

Water Characteristics*: (Mark all that apply.)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	☑ None	☐ Other:
Color:	☑ Clear	☐ Green	☐ Gray	☐ Milky	☑ Other: Dingy
Bottom Deposit:	☐ Sludge	☐ Solids	☑ Fine sediments	☐ None	☐ Other:
Surface Deposit:	☐ Oil	☐ Scum	☐ Foam	☑ None	☐ Other:

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Signed: _____ **Date:** 6/19/05

Organization: DNR-WPP Position: Stm Biologist

0441_002_US

0441_002_DS

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 #: 0441-0083	Site Location Description:
Site GPS Coordinates: 40.05209 -93.97728	Forest Ave Br.
Date & Time: 6/19/05 1405 hrs.	Facility Name:
Personnel:	Permit Number:
Current Weather Conditions:	Weather Conditions for Past 7 days: Rain - Clear last 5 days
Photo Ids: Upstream: 100-0015 Downstream: 100-0016	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: Rural - Cropland	

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:				

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 # 0441-003:

Stream Morphology:

Upstream View Physical Dimensions:

☐ Riffle	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):		
☑ Run	Width (ft):	3'	Length (ft):	300'	Avg. Depth (ft):	<0.1	Max. Depth (ft):	0.4'	
☐ Pool	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):		
☑ Flow	Present?	☑ Yes	☐ No		Estimated (ft^3/sec):	<1 cfs			

Downstream View Physical Dimensions:

☐ Riffle	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):		
☑ Run	Width (ft):	4'	Length (ft):	80'	Avg. Depth (ft):	0.1	Max. Depth (ft):	0.2	
☑ Pool	Width (ft):	7'	Length (ft):	180'	Avg. Depth (ft):	0.2	Max. Depth (ft):	0.5	
☑ Flow	Present?	☑ Yes	☐ No		Estimated (ft^3/sec):	<1 cfs			

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

% Cobble	% Gravel	30 % Sand	30 % Silt	20 % Mud/Clay	% Bedrock

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

Slight Algae Bloom

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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Signed: _____ **Date:** 6/19/05

Organization: DNR - WPP Position: Stm Biologist

0441_003_US

0441_003_DS

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 #: 0441-004	Site Location Description:
Site GPS Coordinates: 40.01862 -93.97098	ISLE AVE BR
Date & Time: 6/19/05 1340 hrs.	Facility Name:
Personnel: JD	Permit Number:
Current Weather Conditions: Clear	Weather Conditions for Past 7 days: Rain - Clear Last 5 days
Photo Ids: Upstream: 100-0013 Downstream: 100-0014	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: Rural - Pastureland	

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:				

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 # 0441-004:

Stream Morphology:

Upstream View Physical Dimensions:

☐ Riffle	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
☑ Run	Width (ft):	6'	Length (ft):	300'	Avg. Depth (ft):	<0.1	Max. Depth (ft):	0.1
☐ Pool	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
☑ Flow	Present?	☑ Yes	☐ No		Estimated (ft^3/sec):	<1cfs		

Downstream View Physical Dimensions:

☐ Riffle	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
☑ Run	Width (ft):	8'	Length (ft):	85'	Avg. Depth (ft):	0.1	Max. Depth (ft):	0.2
☑ Pool	Width (ft):	15'	Length (ft):	50'	Avg. Depth (ft):	0.2	Max. Depth (ft):	0.5
☑ Flow	Present?	☑ Yes	☐ No		Estimated (ft^3/sec):	<1cfs		

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

% Cobble	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
	50		30	20	

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

lots of willows

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:

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Signed: _____ **Date:** 6/19/05

Organization: DNR - WPP Position: Stream Biologist

0441_004_US

0441_004_DS

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 #: 0441-005		Site Location Description:	
Site GPS Coordinates: 40.00409 -93.97056		Hwy P BR	
Date & Time: 6/19/05 1315 hrs		Facility Name:	
Personnel: DC		Permit Number:	
Current Weather Conditions: Clear		Weather Conditions for Past 7 days: Rain - Clear 1994 5 dys	
Photo Ids: Upstream: 100-0011	Downstream: 100-0012	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: Rural - Pasture land	

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:				

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 # 0441-005:

Stream Morphology:

Upstream View Physical Dimensions:

☑ Riffle	Width (ft):	3'	Length (ft):	10'	Avg. Depth (ft):	<0.1	Max. Depth (ft): 0.1
☐ Run	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):
☑ Pool	Width (ft):	8'	Length (ft):	100'	Avg. Depth (ft):	<0.1	Max. Depth (ft): 0.3'
☑ Flow	Present?	☑ Yes	☐ No		Estimated (ft^3/sec):	<1 cfs	

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):	15'	Length (ft):	40'	Avg. Depth (ft):	0.2	Max. Depth (ft): 0.5'
☑ Flow	Present?	☐ Yes	☑ No		Estimated (ft^3/sec):		

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

% Cobble	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
	70	30			

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

SLIGHT ALGAE BLOOM 5% FILAMENTOUS ALGAE 45% DS BR

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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Signed: _____ **Date:** 6/19/05

Organization: DnR- WPP Position: Stm Biologist

0441_005_US

0441_005_DS

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 #: 0441-606	Site Location Description:
Site GPS Coordinates: 39.98863 -93.95755	235th St SE
Date & Time: 6/19/05 1240 hrs.	Facility Name:
Personnel: RS	Permit Number:
Current Weather Conditions: Clear	Weather Conditions for Past 7 days: Rain - Clear last 5 day
Photo Ids: Upstream: 100-0009 Downstream: 100-0010	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: Rural - cropland	

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:				

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 # 0441-006:

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):	10'	Length (ft):	250'	Avg. Depth (ft):	0.1	Max. Depth (ft):	0.5	
☑ Flow	Present?	☑ Yes	☐ No		Estimated (ft^3/sec):	< 1 cfs			

Downstream View Physical Dimensions:

☑ Riffle	Width (ft):	8'	Length (ft):	50'	Avg. Depth (ft):	0.1	Max. Depth (ft):	0.2	
☐ Run	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):		
x2 ☑ Pool	Width (ft):	30'	Length (ft):	50'	Avg. Depth (ft):	0.1	Max. Depth (ft):	0.5	
☑ Flow	Present?	☑ Yes	☐ No		Estimated (ft^3/sec):	< 1 cfs			

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

5	% Cobble	10	% Gravel	10	% Sand	55	% Silt	% Mud/Clay	20 % Bedrock

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

slight algae bloom 10% filamentous GR

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.

*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: _____ **Date:** 6/19/05

Organization: DWR-WPP Position: Stm Biologist

0441_006_US

0441_006_DS

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 #: 0441-007	Site Location Description:
Site GPS Coordinates: 39.97523 -93.93718	250th ST BR
Date & Time: 6/19/05 1210 hrs.	Facility Name:
Personnel: RS	Permit Number:
Current Weather Conditions: Clear	Weather Conditions for Past 7 days: Rain - Clear last 5 days
Photo Ids: Upstream: 100-0007	Downstream: 100-0008 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: Ruem - Cropland	

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: Some dumping				

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 # 0441-007:

Stream Morphology:

Upstream View Physical Dimensions:

☒ Riffle	Width (ft):	6'	Length (ft):	350'	Avg. Depth (ft):	<0.1	Max. Depth (ft): 0.1
☑ 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):	<1 cfs	

Downstream View Physical Dimensions:

☑ Riffle	Width (ft):	12'	Length (ft):	6'	Avg. Depth (ft):	<0.1	Max. Depth (ft): 0.1
☑ Run	Width (ft):	3'	Length (ft):	15'	Avg. Depth (ft):	<0.1	Max. Depth (ft): 0.1
☑ Pool	Width (ft):	30'	Length (ft):	25'	Avg. Depth (ft):	0.1	Max. Depth (ft): 0.5
☑ Flow	Present?	☑ Yes	☐ No		Estimated (ft^3/sec):	<1 cfs	

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

5	% Cobble	10	% Gravel	30	% Sand	55	% Silt		% Mud/Clay		% Bedrock

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

SLIGHT ALGAL BLOOM

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

Signed: _____ **Date:** 6/19/05

Organization: DWR - WPP Position: Stm Biologist

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