Missouri
Department of
Natural Resources

Use Attainability Analysis

for

WBID 1690 Tributary to Browns Branch

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

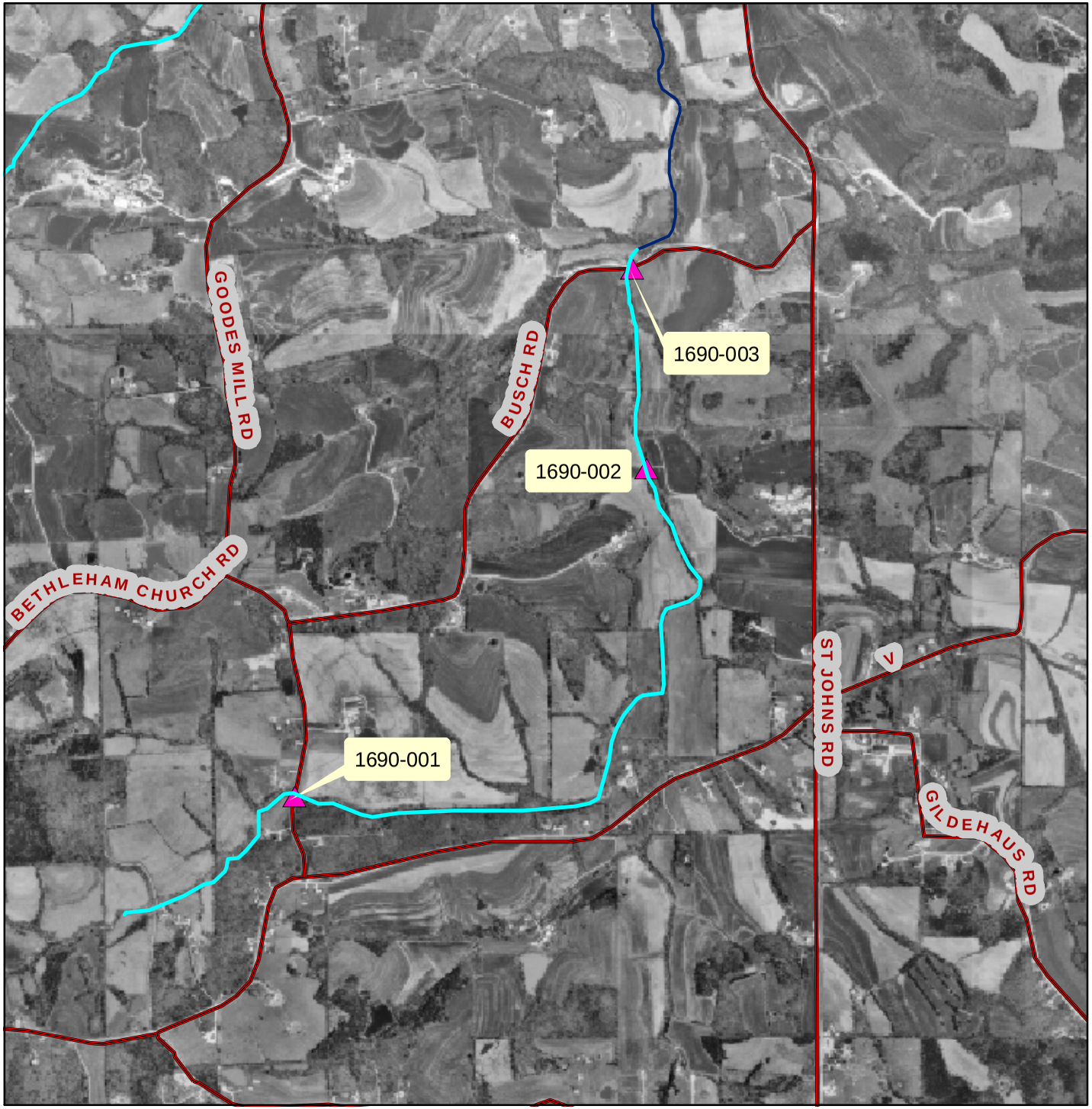
Data Sheet A - Water Body Identification

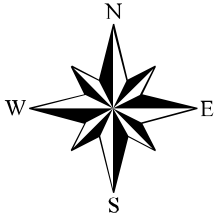
Water Body Name: (from USGS 7.5' quad)	Trib to Browns Branch
8-digit HUC:	10300200
Missouri WBID #:	1690
County:	Franklin
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates: (UGS 84, ddd.ddddd)	001 90.96670 / 38.48288
Downstream Coordinates: (UGS 84, ddd.ddddd)	003 90.95101 / 38.50148
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	2
Name of Surveyor and Telephone Number:	Mary Clark 573-526-1002
Organization:	MDNR
Position:	ES 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: Mary Clark **Date:** 6-17-05

Trib to Browns Branch (C) #1690 Franklin County





Legend

Roads

Classified Waterbodies

Miles

0 0.2 0.4 0.8

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 #: 1690-001		Site Location Description:
Site GPS Coordinates: 90.96670/38.48288		Goode's Mill Rd Bridge over Brown's Br.
Date & Time: 6-15-05 2:15		Facility Name:
Personnel: MDay		Permit Number:
Current Weather Conditions: Sunny/hot		Weather Conditions for Past 7 days: rained in last 7 days
Photo Ids: Upstream: 359	Downstream: 360	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: farms - pasture & woods	

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 # 1690 -001 :

Stream Morphology:

Upstream View Physical Dimensions:

☒ Riffle	Width (ft): 1	Length (ft): 25	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): 25	Avg. Depth (ft): 0.5	Max. Depth (ft): 0.6
☐ Flow	Present? ☒ Yes ☐ No		Estimated (~~ft³/sec~~): est ~ 0.15 ft/sec	

Downstream View Physical Dimensions:

☒ Riffle	Width (ft): 1	Length (ft): 5	Avg. Depth (ft): ≤ 0.1	Max. Depth (ft): ≥ 0.1
☒ Run	Width (ft): 8	Length (ft): 50	Avg. Depth (ft): ≤ 0.2	Max. Depth (ft): ≥ 0.2
☐ Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Flow	Present? ☒ Yes ☐ No		Estimated (ft³/sec):	

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

boulders + 45 % Cobble	45 % Gravel	% Sand	% Silt	10 % Mud/Clay	% Bedrock

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

10% covered w/ algae. Brown. Close growing under Bridge

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. Estimated based on my observations.

Signed: Mary Clark **Date:** 6-15-05

Organization: MONR Position: ES III

1690_001

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 #: 1690-003	Site Location Description: Busch rd. Bridge [illegible] trib to Brown's Branch	
Site GPS Coordinates: 90.95101/38.50148		
Date & Time: 6-15-05	Facility Name:	
Personnel: Mary Clark	Permit Number:	
Current Weather Conditions:	Weather Conditions for Past 7 days: yes rained in past 7 days	
Photo Ids: Upstream: 357	Downstream: 358	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: Coming in all sides by corn & bean fields + pastures	

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 # 1690 -003:

Stream Morphology:

Upstream View Physical Dimensions:

☒ Riffle	Width (ft):	10	Length (ft):	20	Avg. Depth (ft):	0.1	Max. Depth (ft):	0.15
☐ Run	Width (ft):	18	Length (ft):	30	Avg. Depth (ft):	0.33	Max. Depth (ft):	0.5
☒ Pool	Width (ft):	15	Length (ft):	15	Avg. Depth (ft):	0.33	Max. Depth (ft):	0.5
☐ Flow	Present?	☒ Yes	☐ No		Estimated (~~ft³/sec~~):	vel in riffle > 1ft/sec		

upstream of crossing

Downstream View Physical Dimensions:

☒ Riffle	Width (ft):	15	Length (ft):	25	Avg. Depth (ft):	0.2	Max. Depth (ft):	0.25
☐ Run	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
☒ Pool	Width (ft):	12	Length (ft):	20	Avg. Depth (ft):	0.8	Max. Depth (ft):	1.5
☐ Flow	Present?	☒ Yes	☐ No		Estimated (ft³/sec):			

1 leg 3' of tree crossing 2 out

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

40 % Cobble	40 % Gravel	% Sand	% Silt	20 % Mud/Clay	% Bedrock

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

70% algae cover – close growing.

Water Characteristics*: (Mark all that apply.)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	☒ None	☐ Other:
Color: pretty	☒ Clear	☐ Green	☐ Gray	☐ Milky	☐ Other:
Bottom Deposit:	☐ Sludge	☐ Solids	☒ Fine sediments	☐ None	☒ Other: rust FeO_2
Surface Deposit:	☐ Oil	☐ Scum	☐ Foam	☐ None	☒ Other: algae in upstream pool

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. estimated based on my observations.

Signed: Mary Clark **Date:** 6-15-05

Organization: MDNR Position: ES III

1690_003

1690_003