Use Attainability Analysis

for

WBID 1002 Honey 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

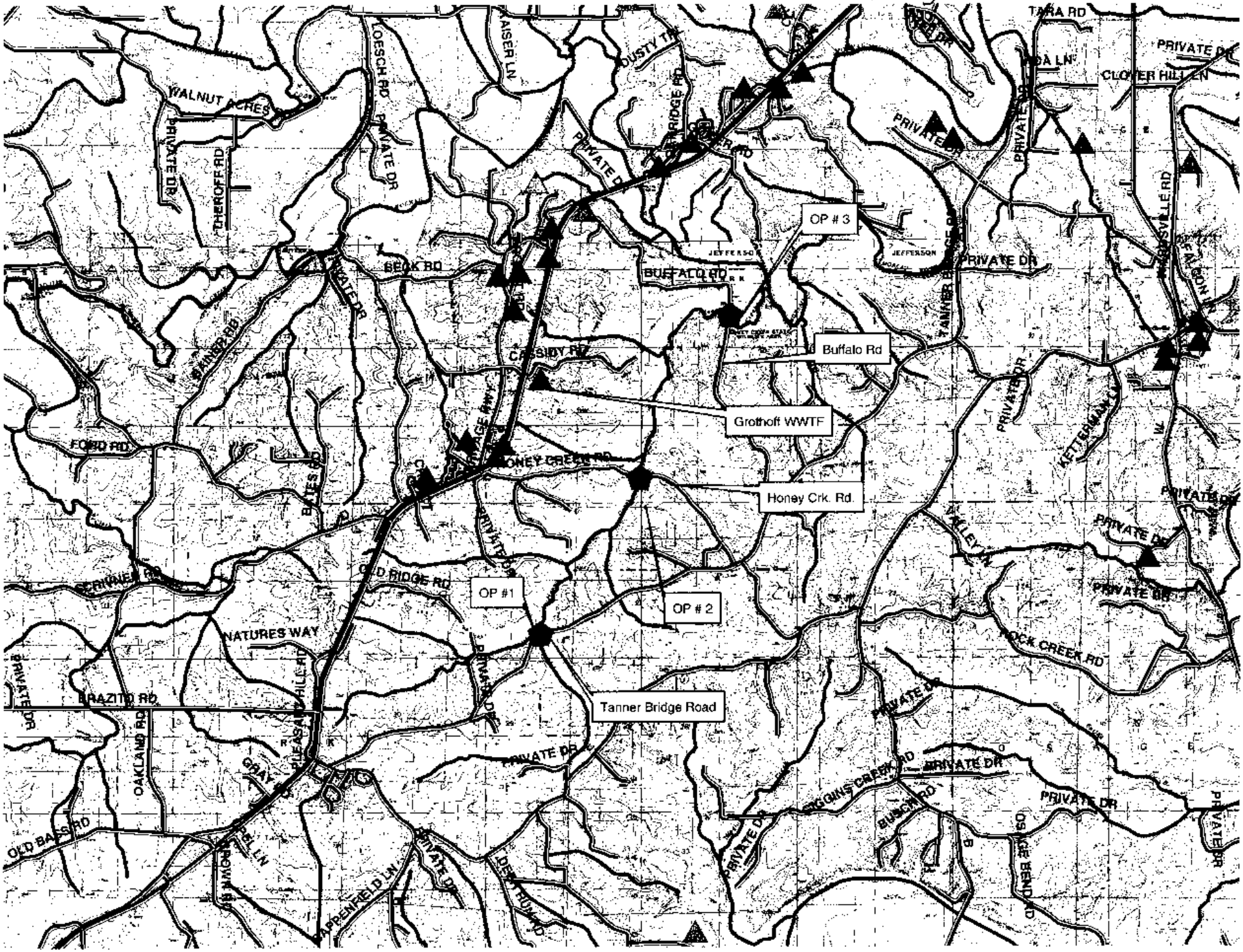
Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad):	Honey Creek
8-digit HUC:	10300102
Missouri WBID #:	1002
County:	Cole
Upstream Legal Description:	SE 1/4 Sec. 20 T43 R12
Downstream Legal Description:	NW 1/4 Sec. 10 T43 R12
Upstream Coordinates:	563661 4256507
Downstream Coordinates:	566181 4260608
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	3
Name of Surveyor and Telephone Number:	Tucker Fredrickson
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: Tucker Fredrickson **Date:** 5/20/05

Honey #1002



OP # 3
Buffalo Rd
Grothoff WWTF
Honey Crk. Rd.
OP #1
OP # 2
Tanner Bridge Road
WALNUT ACRES
LOESCH RD
KAISER LN
DUSTY TR
TARA RD
PRIVATE DR
CLOVER HILL LN
THEROFF RD
BECK RD
BUFFALO RD
JEFFERSON
CASSIDY RD
HONEY CREEK RD
FORD RD
BATES RD
OLD RIDGE RD
NATURES WAY
BRAZITO RD
OAKLAND RD
OLD BASS RD
KETTERMAN LN
VALLEY LN
ROCK CREEK RD
SIGGINS CREEK RD
BUSCH RD
OSAGE BEND RD
PLEASANT HILL RD
GRAY RD
CAPPENFIELD LN

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 #: 1002-01	Site Location Description: Tanner Bridge Road Crossing #01
Site GPS Coordinates: 563661 4256507	
Date & Time: 5/5/05 10:30 AM	Facility Name: Honey Creek
Personnel: Tucker Fredrickson	Permit Number:
Current Weather Conditions: Sunny 60°F	Weather Conditions for Past 7 days: High 60-70 range
Photo Ids: Upstream: 014 Downstream: 015	Other: < 2" rain

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.)

NA

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: NA	

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: NA				

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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Data Sheet B - Site Characterization

Page Two – WBID # 1002:

Stream Morphology:

Upstream View Physical Dimensions:

☒ Riffle	Width (ft): 5'	Length (ft): 100'	Avg. Depth (ft): 0.2'	Max. Depth (ft): 0.5'
☒ Run	Width (ft): 15'	Length (ft): 30'	Avg. Depth (ft): 0.5	Max. Depth (ft): 1'
☐ Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec):	

Downstream View Physical Dimensions:

☒ Riffle	Width (ft): 3'	Length (ft): 35	Avg. Depth (ft): 0.3'	Max. Depth (ft): 0.5
☒ Run	Width (ft): 20.5	Length (ft): 50	Avg. Depth (ft): 1'	Max. Depth (ft): 1.5
☐ Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec):	

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

% Cobble	60 % Gravel	% Sand	10 % Silt	% Mud/Clay	30 % Bedrock

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

Algae 75% coverage of bridge area

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.

Crawdads observed

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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: Tucker Fredrickson **Date:** 5/5/05

Organization: MDNR Position: Envir. Spec.

1002_01_US

1002_01_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 #: 1002-02		Site Location Description: Honey Creek Road Crossing OP#2	
Site GPS Coordinates: 566181 4260608			
Date & Time: 5/5/05 (11:20)		Facility Name: Honey Creek	
Personnel: Tucker Fredrickson		Permit Number:	
Current Weather Conditions: Sunny 65°F		Weather Conditions for Past 7 days: High 60-70 range	
Photo Ids: Upstream: 016	Downstream: 017	Other: < 2" rain	

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: NA	

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: NA				

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 Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two – WBID # 1CC2:

Stream Morphology:

Upstream View Physical Dimensions: ~~50'~~

☒ Riffle	Width (ft): 10'	Length (ft): 50'	Avg. Depth (ft): 0.25	Max. Depth (ft): 0.75
☐ 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):	

Downstream View Physical Dimensions: [redacted]

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 9.5'	Length (ft): 60'	Avg. Depth (ft): 0.75'	Max. Depth (ft): 1'
☒ Pool	Width (ft): 20'	Length (ft): 70'	Avg. Depth (ft): 0.75'	Max. Depth (ft): 1.5'
☐ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec):	

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

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

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

algae (50%)

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.
Willow brush overhanging creek, growing on gravel deposits. Observed tadpoles and fish.

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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: Jackie Fredrickson **Date:** 5/5/05

Organization: MDNR Position: Envir. Spec.

1002_02_US

1002_02_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 #: [redacted] 1002-03		Site Location Description: Buffalo Road crossing CP#3	
Site GPS Coordinates: 566181 4260608			
Date & Time: (12:10)		Facility Name: Honey Creek	
Personnel: Tucker Fredrickson		Permit Number:	
Current Weather Conditions: Sunny (70°F)		Weather Conditions for Past 7 days: High 60-70 range	
Photo Ids: Upstream: 020	Downstream: 019	Other:	<2" rain

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: NA	

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: NA				

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 – WBID # 1002:

Data Sheet B - Site Characterization

Stream Morphology:

Upstream View Physical Dimensions:

☒ Riffle	Width (ft):	8'	Length (ft):	40'	Avg. Depth (ft):		Max. Depth (ft):	0.75'
☒ Run	Width (ft):	10'	Length (ft):	300'	Avg. Depth (ft):		Max. Depth (ft):	1.5'
☐ Pool	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
☐ Flow	Present?	☒ Yes	☐ No		Estimated (ft^3/sec):			

Downstream View Physical Dimensions:

☒ Riffle	Width (ft):	8	Length (ft):	15	Avg. Depth (ft):		Max. Depth (ft):	0.5
☒ Run	Width (ft):	14	Length (ft):	60	Avg. Depth (ft):		Max. Depth (ft):	2.1
☒ Pool	Width (ft):	4	Length (ft):	40	Avg. Depth (ft):		Max. Depth (ft):	1.5'
☐ Flow	Present?	☒ Yes	☐ No		Estimated (ft^3/sec):			

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

40 % Cobble	60 % Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock

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

thick algae on upstream side of bridge (75-100%)

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.

green tint to water due to algae but clear otherwise

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Signed: Julie Fredrickson **Date:** 5/5/05

Organization: MDNR Position: Envir. Spec.

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