

Use Attainability Analysis

for

WBID 2693 Bran Hollow

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): Barn Hollow	
8-digit HUC: 11010008	
Missouri WBID #: 2693	Sites 1-3 JUL 18 2005
County: Howell / Texas	
Upstream Legal Description: SE1/4 NE1/4 Sec.18 T.27N., R.7W.	
Downstream Legal Description: SE1/4 SW1/4 Sec.5 T.27N., R.7W.	
Upstream Coordinates: N. 37.01717	W. 91.75013
Downstream Coordinates: N. 37.03720	W. 91.73894
Discharger Facility Name(s): NA	
Discharger Permit Number(s): NA	
Number of Sites Evaluated: 3	
Name of Surveyor and Telephone Number: Dennis M. 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: 06/23/05

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 #: WB2693-01	Site Location Description: SE1/4 NE1/4 Sec.18 T.27N., R.7W.		
Site GPS Coordinates: N. 37.01717		W. 91.75013	
Date & Time: 6/23/05 2:30 pm	Facility Name: NA		
Personnel: Dennis Meinert, Mike Wyatt	Permit Number: NA		
Current Weather Conditions: Mostly sunny	Weather Conditions for Past 7 days: Scattered showers		
Photo Ids: Upstream: WBU2693-01	Downstream: WBD2693-01	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 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 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: Gravel mining.				

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 #: WB2693-01

Stream Morphology:

Upstream View Physical Dimensions: No water observed.

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):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes	NO	Estimated (ft ³ /sec):

Downstream View Physical Dimensions: No water observed.

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):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes	NO	Estimated (ft ³ /sec):

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

30% Cobble	50% Gravel	20% Sand	% Silt	% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Non-aquatic vegetation growing in streambed.

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other: None
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: Dennis M. Meiner Date: 06/23/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 2693 – Downstream #1



WBID 2693 – 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 #: WB2693-02	Site Location Description: SE1/4 SW1/4 SEC.8 T.27N. R.7W.		
Site GPS Coordinates: N. 37.02031 W. 91.74126			
Date & Time: 6/23/05 2:50 pm		Facility Name: NA	
Personnel: Leon Thompson		Permit Number: NA	
Current Weather Conditions: Mostly sunny		Weather Conditions for Past 7 days: Scattered showers	
Photo Ids: Upstream: WBU2693-02	Downstream: WBD2693-02	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 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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Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: WB2693-02

Stream Morphology:

Upstream View Physical Dimensions: No water observed.

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):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes	NO	Estimated (ft ³ /sec):

Downstream View Physical Dimensions: No water observed.

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):	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	80% Gravel	10% Sand	5% Silt	5% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Non-aquatic plants growing in streambed.

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other: None
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: Leon Thompson Date: 06/23/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 2693 – Downstream #2



WBID 2693 – 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 #: WB2693-03	Site Location Description: SE1/4 SW1/4 Sec.5 T.27N., R.7W.		
Site GPS Coordinates: N. 37.03720 W. 91.73894			
Date & Time: 6/23/05 2:55 pm	Facility Name: NA		
Personnel: Dennis Meinert, Mike Wyatt	Permit Number: NA		
Current Weather Conditions: Mostly sunny	Weather Conditions for Past 7 days: Scattered showers		
Photo Ids: Upstream: WBU2693-03	Downstream: WBD2693-03	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 type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input type="checkbox"/> Other: Private property, no water	

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 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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Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: WB2693-03

Stream Morphology:

Upstream View Physical Dimensions: No water observed.

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):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes	No	Estimated (ft ³ /sec):

Downstream View Physical Dimensions: No water observed.

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):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes	No	Estimated (ft ³ /sec):

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

20% Cobble	60% Gravel	10% Sand	10% Silt	% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

None

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other: None
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: Dennis M. Meiner Date: 06/ /05_____

Organization: Department of Natural Resources SWCP

Position: Soil Scientist_____

WBID 2693 – Downstream #3



WBID 2693 – Upstream #3

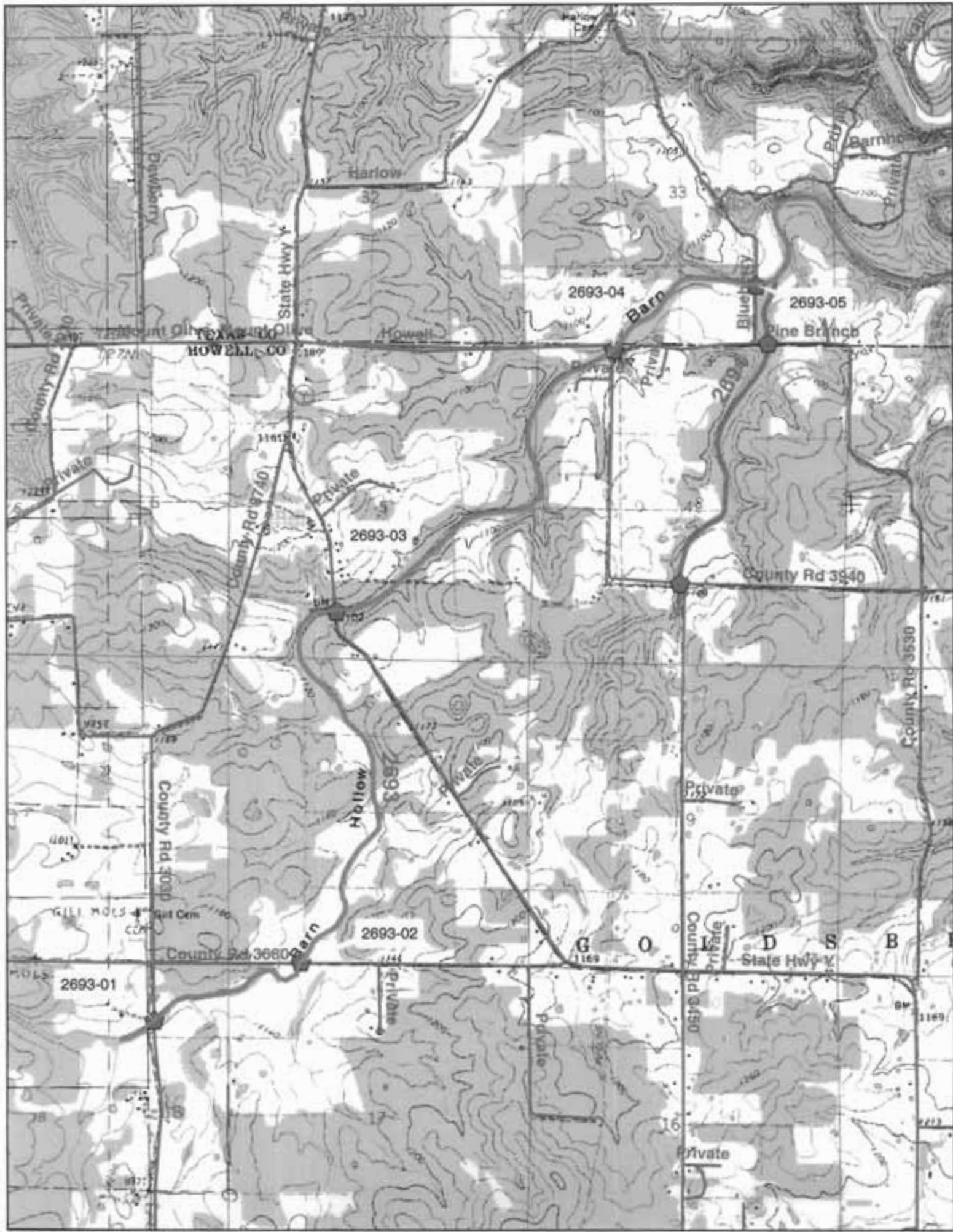


STREAM NAME

Barn Hollow

PHOTO	WBID	UP	DOWN	USE	COMMENTS
1	2693	X		Gravel mining	No water
2	2693		X	No use	No water
3	2693	X		No use	No water
4	2693		X	No use	No water
5	2693	X		No use	No water
6	2693		X	No use	No water
7					
8					
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Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Barn Hollow
8-digit HUC: 11010008
Missouri WBID #: 2693 <i>Sites 4-6</i>
County: <i>Howell/Texas</i>
Upstream Legal Description: NW1/4 NW1/4 Sec.4 T.27N., R.7W.
Downstream Legal Description: NE1/4 SW1/4 Sec.35 T.28N., R.7W.
Upstream Coordinates: N. 37.04902 W. 91.72240
Downstream Coordinates: N. 37.05520 W. 91.68450
Discharger Facility Name(s): NA
Discharger Permit Number(s): NA
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Dennis M. 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: 06/23/05

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 #: WB2693-04	Site Location Description: NW1/4 NW1/4 Sec.4 T.27N., R.7W.		
Site GPS Coordinates: N. 37.04902 W. 91.72240			
Date & Time: 6/23/05 3:45 pm		Facility Name: NA	
Personnel: Leon Thompson, Mike Wyatt		Permit Number: NA	
Current Weather Conditions: Mostly sunny		Weather Conditions for Past 7 days: Scattered showers	
Photo Ids: Upstream: WBU2693-04	Downstream: WBD2693-04	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 type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: Private property	

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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Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: WB2693-04

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): 32'	Length (ft): 85'	Avg. Depth (ft): 10"	Max. Depth (ft): 2'
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): 32'	Length (ft): 85'	Avg. Depth (ft): 10"	Max. Depth (ft): 2'
Flow	Present?	Yes	No	Estimated (ft ³ /sec):

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

50% Cobble	30% Gravel	10% Sand	10% Silt	% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

40% algae growth on bottom.

Water Characteristics*: (Mark all that apply.)

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

Comments: Crayfish observed. The pool described above, extended upstream and downstream of bridge. The bridge was the center point. No water was entering or leaving pool.

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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: Leon Thompson Date: 06/23/05

Organization: Department of Natural Resources SWCP
Position: Soil Scientist

WBID 2693 – Downstream #4



WBID 2693 – Upstream #4



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 #: WB2693-05	Site Location Description: SW1/4 SE1/4 SEC.33 T.28N. R.7W.		
Site GPS Coordinates: N. 37.05205		W. 91.71384	
Date & Time: 6/23/05	2:50 pm	Facility Name: NA	
Personnel: Leon Thompson		Permit Number: NA	
Current Weather Conditions: Mostly sunny		Weather Conditions for Past 7 days: Scattered showers	
Photo Ids: Upstream: WBU2693-05	Downstream: WBD2693-05	Other: WBE2693-05	

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 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: Equipment use.				

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 #: WB2693-05

Stream Morphology:

Upstream View Physical Dimensions: No water observed.

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):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes	No	Estimated (ft ³ /sec):

Downstream View Physical Dimensions: No water observed.

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):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes	No	Estimated (ft ³ /sec):

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

25% Cobble	75% Gravel	% Sand	% Silt	5% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

None

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other: None
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: Leon Thompson Date: 06/23/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 2693 – Downstream #5



WBID 2693 – Upstream #5



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 #: WB2693-06	Site Location Description: NE1/4 SW1/4 Sec.35 T.28N., R.7W.		
Site GPS Coordinates: N. 37.05520		W. 91.68450	
Date & Time: 6/23/05 4:20 pm	Facility Name: NA		
Personnel: Dennis Meinert, Mike Wyatt	Permit Number: NA		
Current Weather Conditions: Mostly sunny	Weather Conditions for Past 7 days: Scattered showers		
Photo Ids: Upstream: WBU2693-06	Downstream: WBD2693-06	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 type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input checked="" 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)

*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 #: WB2693-06

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): 38'	Length (ft): 310'	Avg. Depth (ft): 2.5'	Max. Depth (ft): 54"
Flow	Present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Estimated (ft ³ /sec):

Downstream View Physical Dimensions:

Riffle	Width (ft): 15'	Length (ft): 18'	Avg. Depth (ft): 2"	Max. Depth (ft): 3"
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 ³ /sec):

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

10% Cobble	40% Gravel	10% Sand	% Silt	50% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

None

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: None
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: This pool has no connection to the Jacks Fork River at this time. Minnows, Bass, Perch, and Crayfish observed.

*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. Meiners Date: 06/23/05 _____

Organization: Department of Natural Resources SWCP

Position: Soil Scientist _____

WBID 2693 – Downstream #6



WBID 2693 – Upstream #6



STREAM NAME

Barn Hollow

PHOTO	WBID	UP	DOWN	USE	COMMENTS
1	2693	X		No use	1/2 Stagnant pool
2	2693		X	No use	1/2 Stagnant pool
3	2693	X		No use	No water
4	2693	X		Equipment use	No water
5	2693		X	No use	No water
6	2693	X		No use	Flowing water, Pool
7	2693		X	No use	Flowing water, Riffle
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