Missouri
Department of
Natural Resources

Use Attainability Analysis

for

WBID 1648 Quick Creek

Submitted by
Missouri Department of Natural Resources Staff

To
Missouri Department of Natural Resources
Water Protection Program

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WATER PROTECTION PROGRAM

Field Data Sheets for Recreational Use Stream Surveys

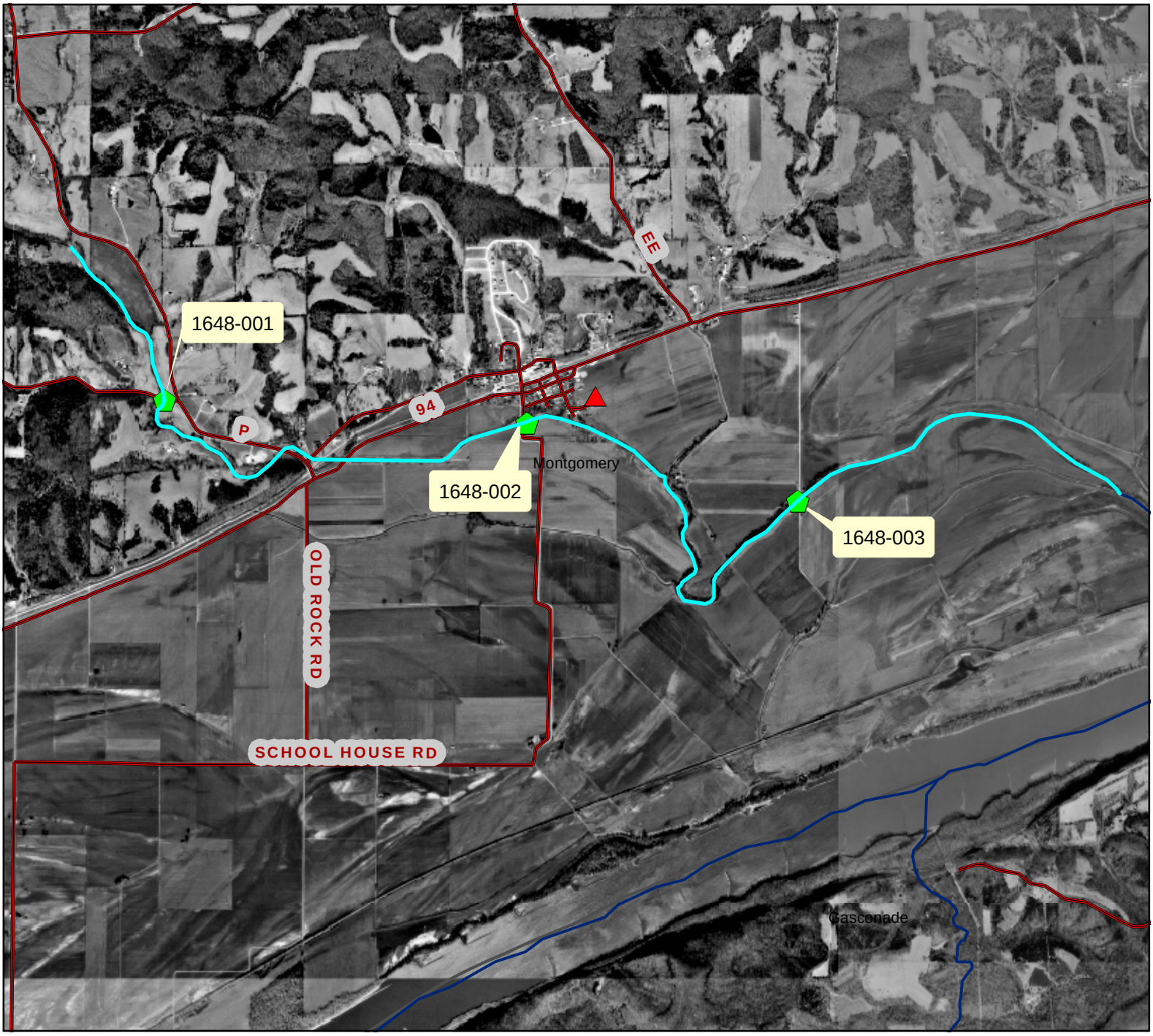
Data Sheet A - Water Body Identification

Water Body Name: (from USGS 7.5' quad)	QUICK CREEK
8-digit HUC:	10300200
Missouri WBID #:	1648
County:	MONTGOMERY
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates: (UGS 84, ddd.ddddd)	38.71768 -91.54155 op
Downstream Coordinates: (UGS 84, ddd.ddddd)	38.71175 -95.50058 op
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	3
Name of Surveyor and Telephone Number:	RM Duckrow 573/751-1300
Organization:	DNR-WPP
Position:	Stream 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:** 6/28/05

Quick Creek (C) #1648 Montgomery County



Legend

Roads

Point Sources

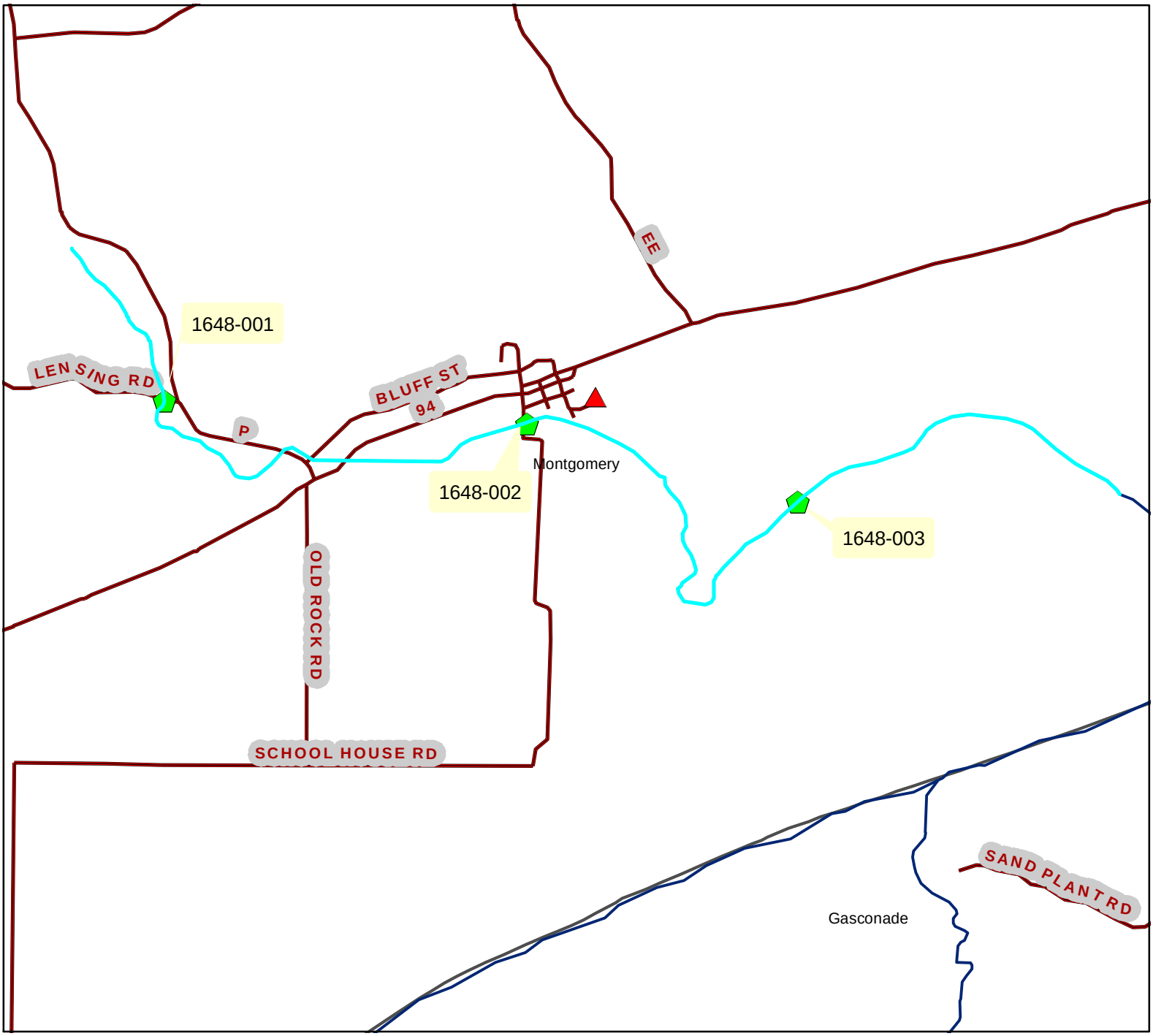
Classified Waterbodies

Counties

0 0.25 0.5 1 Miles

N
W E
S

Quick Creek (C) #1648 Montgomery County



Legend

Roads

Point Sources

Classified Waterbodies

Counties

0 0.25 0.5 1 Miles

N
W E
S

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 #: 1648-01		Site Location Description:
Site GPS Coordinates: 38.71768 -91.54155		HENSING RD BR
Date & Time: 6/27/05 1115 hrs.		Facility Name:
Personnel: [illegible]		Permit Number:
Current Weather Conditions: Clear		Weather Conditions for Past 7 days: Clear
Photo Ids: Upstream: 100-0001	Downstream: 100-0003	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 # 1648-001

Stream Morphology:

Upstream View Physical Dimensions:

☐ Riffle	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):		
☑ Run	Width (ft):	8'	Length (ft):	100'	Avg. Depth (ft):	0.3'	Max. Depth (ft):	0.5'	
☑ Pool	Width (ft):	20'	Length (ft):	30'	Avg. Depth (ft):	1.5'	Max. Depth (ft):	2.5'	
☑ 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):	12'	Length (ft):	150'	Avg. Depth (ft):	1.5'	Max. Depth (ft):	2.5'	
☑ Flow	Present?	☐ Yes	☑ No		Estimated (ft^3/sec):				

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

10	% Cobble	20	% Gravel	30	% Sand	30	% Silt		% Mud/Clay	10	% Bedrock

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

Filamentous algae DS 30% SLIGHT ALGAE BLOOM US & DS

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:

algae

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:** 6/27/05

Organization: DNR - WPP Position: Stm Biologist

1648_001_US

1648_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 #: 1648-00d		Site Location Description: Bottom RD ~~[illegible]~~ BR
Site GPS Coordinates: 38.71625 -91.51850		
Date & Time: 6/27/05 1140 hrs		Facility Name:
Personnel: [illegible]		Permit Number:
Current Weather Conditions: Clear/Hazy		Weather Conditions for Past 7 days: Clear
Photo Ids: Upstream: 100-0003	Downstream: 100-0004	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 # 1648-002

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): 10'	Length (ft): 150'	Avg. Depth (ft): 0.5'	Max. Depth (ft): 1.5'
☑ 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):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☑ Flow	Present? ☐ Yes ☑ No		Estimated (ft^3/sec): DRY	

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

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

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

Filamentous Algae US HOlo SLIGHT ALGAE BLOOM US

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:** 6/27/08

Organization: DNR-WPP Position: Stm Biologist

1648_002_US

1648_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 #: 1648-003		Site Location Description:
Site GPS Coordinates: 38.71175 -91.50058		McGIRKS DR BR
Date & Time: 6/27/05 1200 hrs.		Facility Name:
Personnel: [illegible]		Permit Number:
Current Weather Conditions: Clear		Weather Conditions for Past 7 days: Clear
Photo Ids: Upstream: 100-0005	Downstream: 100-0006	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 # 1648-003:

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): 30'	Length (ft): 350'	Avg. Depth (ft): 1'	Max. Depth (ft): 1.5'
☑ 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): 30'	Length (ft): 50'	Avg. Depth (ft): 1.5'	Max. Depth (ft): 2.0'
☑ Flow	Present? ☐ Yes ☑ No		Estimated (ft^3/sec):	

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

% Cobble	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
10	50	30	10		

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

FILAMENTOUS ALGAE US 40% DS 20% 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:** 6/27/05

Organization: DNR-WPP Position: Stm Biologist

1648_003_US

1648_003_DS