Missouri
Department of
Natural Resources

Use Attainability Analysis

for

WBID 655 South Blackbird Creek

Submitted by
Missouri Department of Natural Resources Staff

To
Missouri Department of Natural Resources
Water Protection Program

RECEIVED
JUL 12 2005
WATER PROTECTION PROGRAM

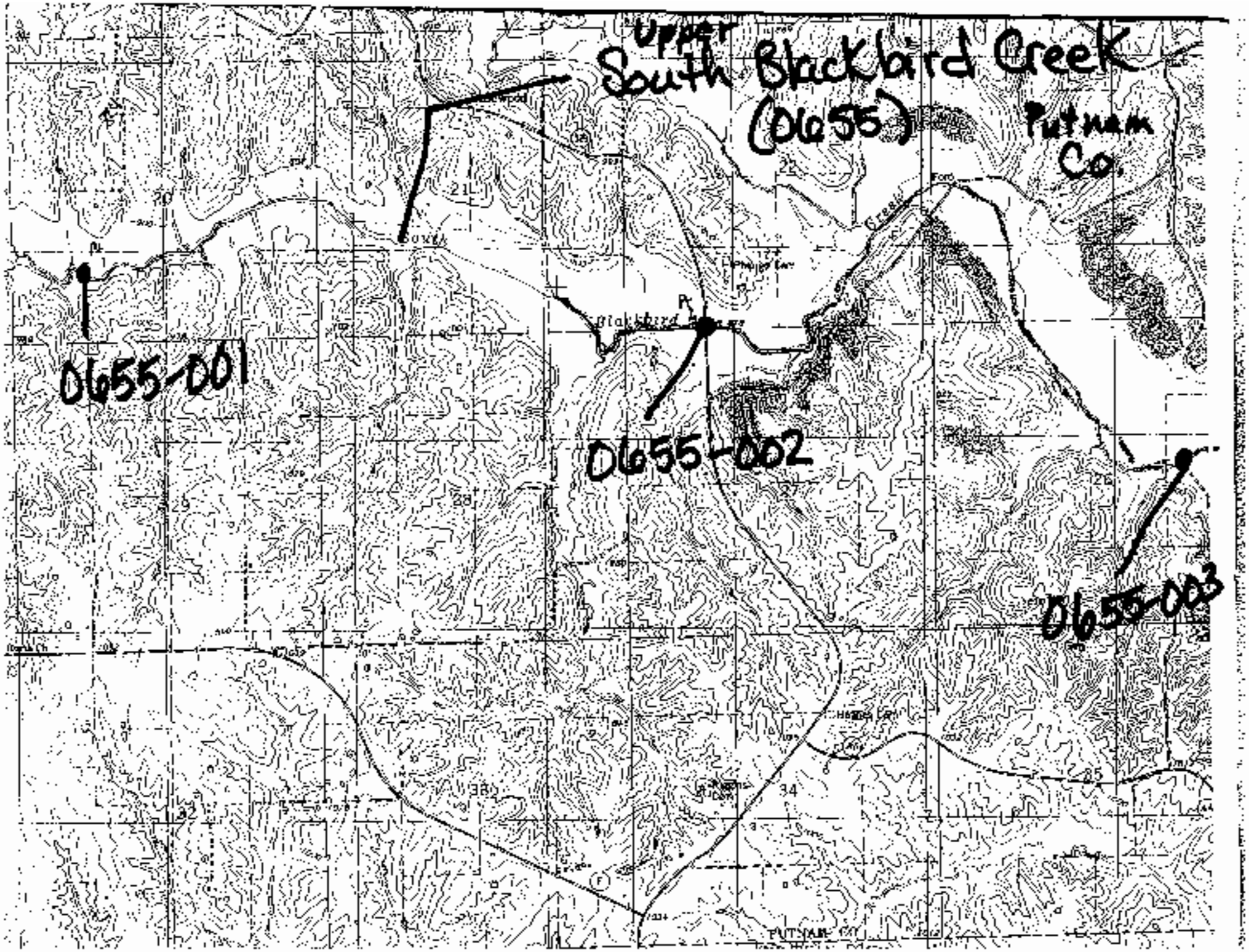
Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad):	S. Blackbird Creek (Upper)
8-digit HUC:	10280201
Missouri WBID #:	0655
County:	Putnam
Upstream Legal Description:	SW1/4, SE1/4, Sec. 15, T65N, R18W
Downstream Legal Description:	SE1/4, NE1/4, Sec. 26, T65N, R18W
Upstream Coordinates:	92.94122W / 40.41860N FOM 12.3
Downstream Coordinates:	92.87799W / 40.40827N FOM 13.0
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	3 on upper 4 on lower (7 total)
Name of Surveyor and Telephone Number:	DAVE DOWDY 660-385-7996
Organization:	SWCP
Position:	SS 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: D. Dowdy **Date:** 6-7-05


Upper South Blackbird Creek (0655)
Putnam Co.
0655-001
0655-002
0655-003
Blackbird
Ford
Creek
PUTNAM CO

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Dave Dendy & Amber Marshall

Missouri WBID #: 0655-01	Site Location Description: S. Blackbird Creek.
Site GPS Coordinates: 92.94122 W / 44.4180 N	
Date & Time: 7-6-05 @ 1:40 pm	Facility Name:
Personnel: DD, AM	Permit Number:
Current Weather Conditions: Mid 80's Humid	Weather Conditions for Past 7 days: Some Rain Hi 80-90's
Photo Ids: Upstream: 0655U1 / Downstream: 0655D1	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 use. Attach photos of evidence or unusual items of interest.)

(Marking)

☐ 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.	

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: Wildlife Feeding				

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 #0655 - 01

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):	35	Length (ft):	300	Avg. Depth (ft):	4	Max. Depth (ft):	5
☒ Flow	Present?	☒ Yes ☐ No			Estimated (ft^3/sec):	Slight		

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):	45	Length (ft):	70	Avg. Depth (ft):	4	Max. Depth (ft):	5
☒ Flow	Present?	☒ Yes ☐ No			Estimated (ft^3/sec):	Slight		

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

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

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

tall 3-4' hydric vegetation along banks.

Water Characteristics*: (Mark all that apply.)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	☒ None	☐ Other:
Color:	☐ Clear	☐ Green	☐ Gray	☐ Milky	☒ Other: Slightly Murky
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.

beaver dams, fallen trees

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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: A. Marshall **Date:** 7-7-05

Organization: SWCP **Position:** SSI

0655_01_US

0655_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)

Dave Doudy & Amber Marshall

Missouri WBID #: 0655 - 2	Site Location Description: S. Blackbird Creek (Upper)
Site GPS Coordinates: 40.414701/92.907467W	
Date & Time: 7-6-05	Facility Name:
Personnel: DD, AM	Permit Number:
Current Weather Conditions: Clear mid 80's AM	Weather Conditions for Past 7 days: Some Rain Hi mid 80's - 90's
Photo Ids: Upstream: 0655U2 Downstream: 0655D2	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:	

Evidence of Human Use*: 29

☒ Roads & bridge	☐ 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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Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two – WBID # 0655-02

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): 25	Length (ft): 70	Avg. Depth (ft): 1.5	Max. Depth (ft): 3
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec):	

Downstream View Physical Dimensions:

☒ Riffle	Width (ft): 25	Length (ft): 35	Avg. Depth (ft): < 0.25	Max. Depth (ft): .25
☒ Run	Width (ft): 20	Length (ft): 90	Avg. Depth (ft): 0.5	Max. Depth (ft): 2
☒ Pool	Width (ft): 7	Length (ft): 25	Avg. Depth (ft): 0.5	Max. Depth (ft): 2
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec):	

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

2 % Cobble	10 % Gravel	18 % Sand	60 % Silt	% Mud/Clay	% Bedrock

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) <1%

Hydric grasses in channel < 5%; ~~[illegible]~~ algae
Hydric grasses, trees, & plants along banks

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.
minnows

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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: A. Marshburn **Date:** 7-7-05

Organization: SWCP Position: SSI

0655_02_US

0655_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)

Dave Dandy & Amber Marshall

Missouri WBID #: 0655-3	Site Location Description: ~~Bridge~~
Site GPS Coordinates: 40.40807N/92.87796W	Blackbird Creek (upper)
Date & Time: 7-6-05 @ 2:20	Facility Name:
Personnel: DD, AM	Permit Number:
Current Weather Conditions: mid 80s Clear	Weather Conditions for Past 7 days: Hot, Sunny
Photo Ids: Upstream 065543	Downstream 065503 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:	

Evidence of Human Use*: Bridge Gravel Rd

☒ Roads May Week	☐ 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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Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two – WBID # 0655-03

Stream Morphology:

Upstream View Physical Dimensions:

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 15	Length (ft): 155	Avg. Depth (ft): <0.25	Max. Depth (ft): 0.5
☐ 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):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 15	Length (ft): 150	Avg. Depth (ft): <0.25	Max. Depth (ft): 0.5
☐ 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	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
2	3	70	25		

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

Hydric Plants, trees – all on bank

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.

Minnow, 1 large tire (tractor) in the water

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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: A. Mrashaw Date: 7-7-05

Organization: SWCP Position: SSI

0655_03_US

0655_03_DS

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WATER PROGRAMS

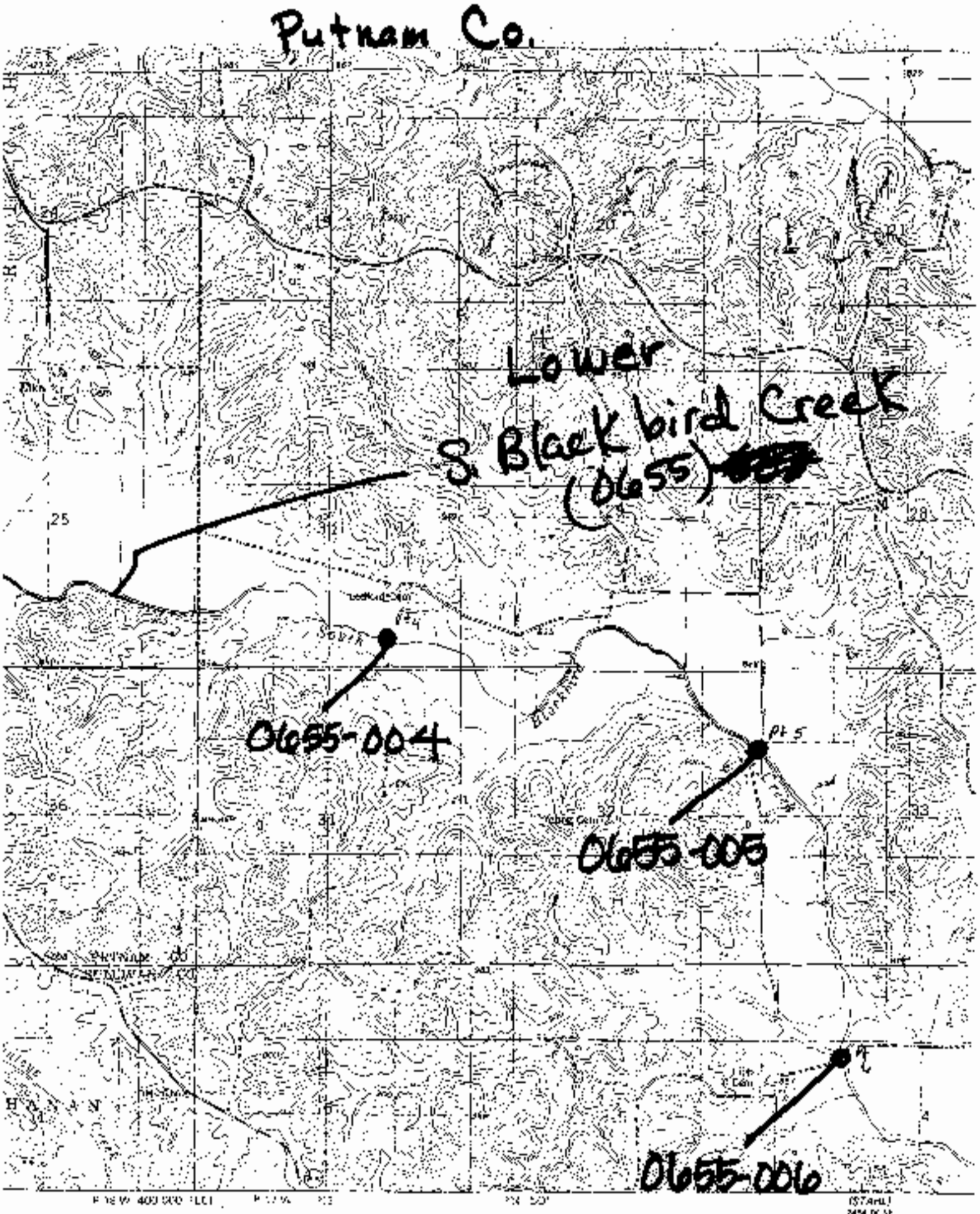
Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad):	S. Blackbird Creek (Lower)
8-digit HUC:	10286201
Missouri WBID #:	0655
County:	Putnam
Upstream Legal Description:	SW1/4, NW1/4, Sec. 25, T65N, R18W
Downstream Legal Description:	NE1/4, SE1/4, Sec. 32, T65N, R17W
Upstream Coordinates:	40.40198N / 92.84327W FOM: 16.7
Downstream Coordinates:	40.37381N / 92.79452 FOM 16.9
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	7 (total) (3 upper) (4 lower)
Name of Surveyor and Telephone Number:	Dave Dowdy 660-385-7996
Organization:	SWCP
Position:	Soil Scientist 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: A. Marshall **Date:** 7-7-05



and published by the Geological Survey

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site) Dave Dowdy & Amber Marshall

Missouri WBID #: 0655 - 04	Site Location Description:
Site GPS Coordinates: 1840 195N/92.843770	S. Blackbird Creek (Lower)
Date & Time: July 6, 2005 @ 2:40 p	Facility Name:
Personnel: DD, AM mid 80's	Permit Number:
Current Weather Conditions: Hot, Sunny, Humid	Weather Conditions for Past 7 days: 80-90°H; Sunny w/ Some Rain
Photo Ids: Upstream: 0655UA	Downstream: 0655DA 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.)

Potential Fishing/~~Swimming~~ Wading Location (non-observed)

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:	

Evidence of Human Use*: Farmed

☒ Roads Dirt Gr'd	☐ Foot paths/prints	☐ Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pitting	☐ NPDES Discharge	☐ Fishing Tackle
☒ Other: Low H2O X-ING				

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 # 0655; -01

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): 50	Length (ft): 90	Avg. Depth (ft): 0.5	Max. Depth (ft): 3
☒ Flow	Present? ☒ Yes		Estimated (ft^3/sec): Fairly Swift	

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): 20	Length (ft): 60	Avg. Depth (ft): 2	Max. Depth (ft): 4
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): Fairly Swift	

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

% Cobble	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
	5	5	5		

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

Hydric Grasses, other aquatic veg & trees along banks
Algae 1% on rocks by Low 17 Crossing.

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.
Some Fe staining along banks, Minnows, Frogs

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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: R. Mansharn **Date:** 7-7-05

Organization: SWCP **Position:** SSI

0655_04_US

0655_04_DS

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization
(A separate data sheet must be completed for each site)

Dave Dowdy & Baker Martinous

Missouri WBID #: 0655 – 05	Site Location Description: S. Blackbird Creek (Lower)
Site GPS Coordinates: 4039668N/9281990W	
Date & Time: 6 July 05 @ 3:00p	Facility Name:
Personnel: DD, AM	Permit Number:
Current Weather Conditions: 80°, humid, clear	Weather Conditions for Past 7 days: Rain, Hi 80-90, Humid
Photo Ids: Upstream: 0655U5 Downstream: 0655D5	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: Farm land	

Evidence of Human Use*: City gravel Rd Olive Trails

☒ Roads Bridge	☐ 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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Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two – WBID #0655 : – 05

Stream Morphology:

Upstream View Physical Dimensions:

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 30	Length (ft): 185	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):	

Downstream View Physical Dimensions:

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 30	Length (ft): 95	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	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
2		18	80		

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

Hydric Plants on bank, some small trees.

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.

minnows. Old appliance/cabinet on upstream.

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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: G. Marshaus **Date:** 7-7-05

Organization: SWCP Position: Soil Scientist I

0655_05_US

0655_05_DS

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Dave Dowdy & Amber Marshburn

Missouri WBID #: 0655-010	Site Location Description: S. Blackbird Creek (Lower)
Site GPS Coordinates: 40.38157N 92.81450W	
Date & Time: 6 July 2005 @ 7:07	Facility Name:
Personnel: DD, AM	Permit Number:
Current Weather Conditions: Mid 80's, Clear, Humid	Weather Conditions for Past 7 days: 80-90° High, Humid, Some Rain
Photo Ids: Upstream: 0655U6 (Upper)	Downstream: 0655D6 / 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: Farmland	

Evidence of Human Use*: (Circle Red)

☒ Roads Hemlock	☐ Foot paths/prints	☐ Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☒ Other: Old Bridge & New Bridge (both wooden) (remnants of)				

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 # 0655 – 06

Stream Morphology:

Upstream View Physical Dimensions:

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 40	Length (ft): 80	Avg. Depth (ft): 1	Max. Depth (ft): 3
☐ 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):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 15	Length (ft): 110	Avg. Depth (ft): 0.75	Max. Depth (ft): 1
☐ 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	20 % Gravel	40 % Sand	40 % Silt	% Mud/Clay	% Bedrock

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

Hydric Plants along banks, grasses
0% algae in channel

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: C. Murshauer **Date:** 7/7/05

Organization: SWCP **Position:** SST

0655_06_US

0655_06_DS

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Dave Dowdy & Amber Marshall

Missouri WBID #: 0655-7	Site Location Description: S Blackbird Creek (Lower)
Site GPS Coordinates: 40.374381 N / 92.79455 W	
Date & Time: 7-6-05	Facility Name:
Personnel: DD, AM	Permit Number:
Current Weather Conditions: Hot, Humid, Clear	Weather Conditions for Past 7 days: Hot, Some Rain, Humid
Photo Ids: Upstream: 065047 / Downstream: 065057	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: Farmland	

Evidence of Human Use*: Bridge on Oakter Gravel Rd

☒ 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.

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two – WBID # 0655 - 7

Stream Morphology:

Upstream View Physical Dimensions:

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 20	Length (ft): 80	Avg. Depth (ft): 0.5	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):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 20	Length (ft): 100	Avg. Depth (ft): 0.5	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	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
	30	40	10		

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

tall hydric plants & grasses (3-4'). Aquatic trees

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.

lots of minnows

*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: A. Mandigues **Date:** 7-7-05

Organization: SWCP Position: SSI

0655_07_US

0655_07_DS