Use Attainability Analysis

for

WBID Tributary to Coon Creek

Submitted by
Tetra Tech, Inc

To
Missouri Department of Natural Resources
Water Protection Program

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WATER PROTECTION PROG

Field Data Sheets for Recreational Use Stream Surveys

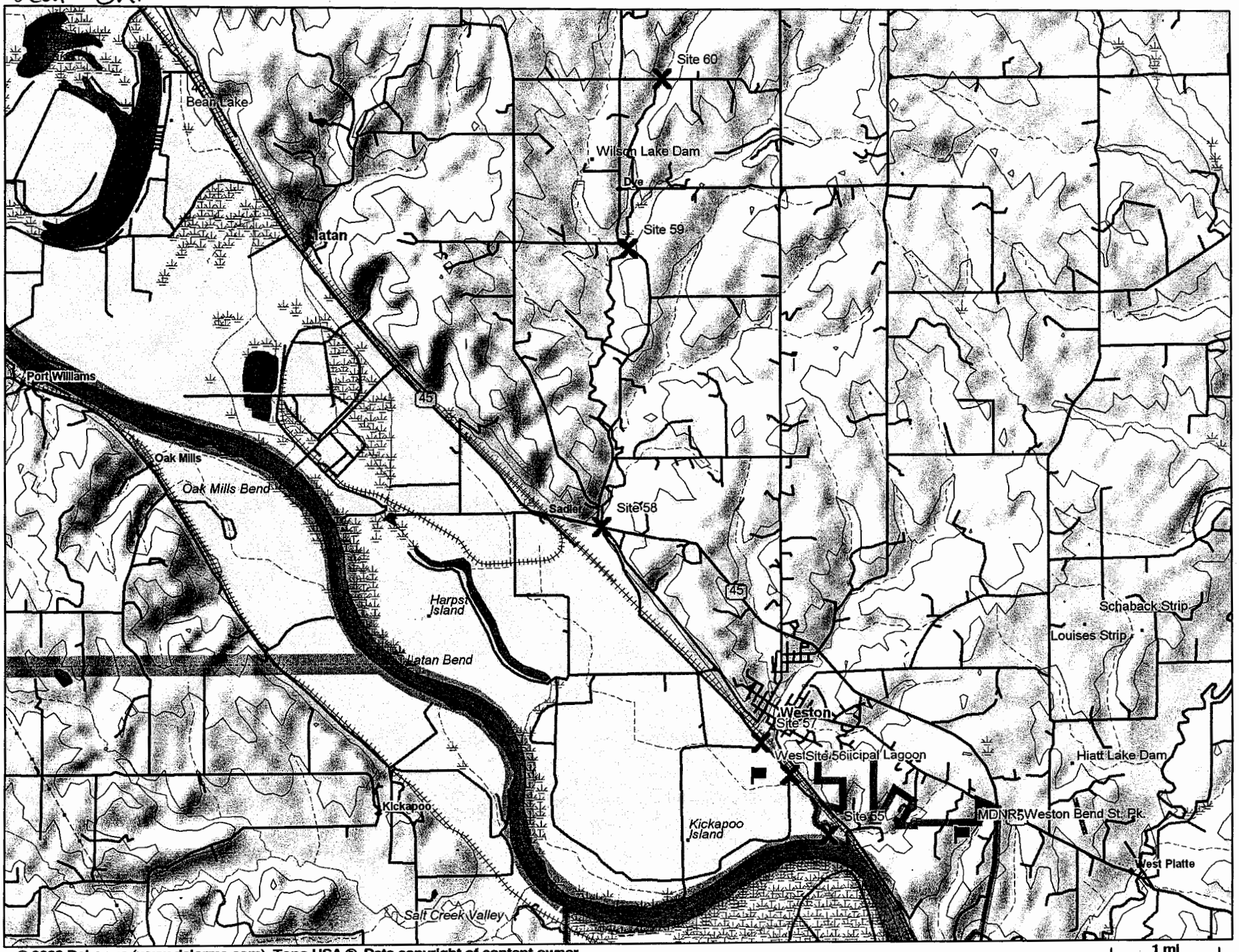
Data Sheet A - Water Body Identification

Water Body Name: (from USGS 7.5' quad)	Tributary to Coon Creek
8-digit HUC:	07110006
Missouri WBID #:	0133
County:	Randolph
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates: (UGS 84, ddd.ddddd)	39.42004 ; 92.41227
Downstream Coordinates: (UGS 84, ddd.ddddd)	39.42583 ; 92.37251
Discharger Facility Name(s):	Moberly East WWTF
Discharger Permit Number(s):	
Number of Sites Evaluated:	6
Name of Surveyor and Telephone Number:	DB, CG 410-356-8993
Organization:	Tetra Tech, INC. Baltimore, Md
Position:	Scientists

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:** 7/4/05

Bear Ck.



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Scale: 1 : 76,000 Map Rotation: 0° Magnetic Declination: 3.8°E

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 #: 0133 (Site ID - 13)		Site Location Description: CR 2350 at bridge crossing
Site GPS Coordinates: 39.42583; 92.37251		
Date & Time: 04 July 2005; 4:19pm		Facility Name: Moberly East WWTF
Personnel: DB, CG		Permit Number:
Current Weather Conditions: Sunny, warm		Weather Conditions for Past 7 days:
Photo Ids: Upstream: 2111	Downstream: 2113	Other: 2112 *

memory card A

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.)

N/A

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*:

☒ 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 # 0133 : (site ID-13)

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): 6m	Length (ft): 20m	Avg. Depth (ft): 0.4m	Max. Depth (ft): 0.5m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): 2seconds/meter	

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): 5m	Length (ft): 20m	Avg. Depth (ft): 0.3m	Max. Depth (ft): 0.4m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): 3seconds/meter	

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

% Cobble	10 % Gravel	90 % Sand	% Silt	% Mud/Clay	% Bedrock

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

- Large amounts of algal in stream.
- Aquatic vegetation found in Downstream. (photo # 2112)

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:** 7/8/05

Organization: Tetra Tech, INC **Position:** Scientist

QC Check: ACG

0133-013-DS

0133-013-Aquatic

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 #: 0133 (site ID-14)	Site Location Description: ~150 m upstream of site ID-13.
Site GPS Coordinates: 39.42609; 92.37344	
Date & Time: 04 July 2005; 4:28pm	Facility Name: Moberly East WWTF
Personnel: DB, CG	Permit Number:
Current Weather Conditions: Sunny, warm	Weather Conditions for Past 7 days: Hot, humid, dry, rainy
Photo Ids: Upstream: 2115 Downstream: 2116	Other: memory card A

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.)

N/A

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*:

☐ 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 # 0133 **:** (site ID - 14)

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): 6m	Length (ft): 20m	Avg. Depth (ft): 0.6m	Max. Depth (ft): 0.8m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): 10 seconds / meter	

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): 7m	Length (ft): 20m	Avg. Depth (ft): 0.6m	Max. Depth (ft): 0.7m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): 10 seconds / meter	

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

% Cobble	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
	10	90			

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

small amounts of algae found in stream

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:** 7/4/05

Organization: Tetra Tech, INC **Position:** Scientist

QC Check: CG

0133-14-US

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 #: 0133 (site ID- 15)	Site Location Description: ~ 150 m upstream of site ID- 14)
Site GPS Coordinates: 39.42552; 92.37488	
Date & Time: 04 July 2005; 4:37pm	Facility Name: Moberly East WWTF
Personnel: DB, CG	Permit Number:
Current Weather Conditions: Sunny, warm	Weather Conditions for Past 7 days: Hot, humid, dry, rainy
Photo Ids: Upstream: 2117 Downstream: 2118	Other:

Memory card A-

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.)

N/A

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*:

☐ 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 # 0133 : (site ID-15)

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): 6m	Length (ft): 20m	Avg. Depth (ft): 0.3m	Max. Depth (ft): 0.35m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): 4 seconds/meter	

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): 6m	Length (ft): 20m	Avg. Depth (ft): 0.4m	Max. Depth (ft): 0.55m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): 3 seconds/meter	

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

% Cobble	10 % Gravel	90 % Sand	% Silt	% Mud/Clay	% Bedrock

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

small amounts of algae in stream

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:** 7/7/05

Organization: Tetra Tech, INC **Position:** scientist

QC check: CG

0133-15-US

013-15-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 #: 0133 (site ID-16)	Site Location Description: ~150 m downstream of site ID-17
Site GPS Coordinates: 39.41974 ; 92.41027	
Date & Time: 04 July 2005; 4:00pm	Facility Name: Moberly East WWTF
Personnel: DB, CG	Permit Number:
Current Weather Conditions: sunny, warm	Weather Conditions for Past 7 days: Hot, humid, dry, rainy
Photo Ids: Upstream: 2109 Downstream: 2108	Other: 2110 memory card A

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.)

N/A

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*:

☐ 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 # 0133 : (site ID-16)

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): 3m	Length (ft): 20m	Avg. Depth (ft): 0.3m	Max. Depth (ft): 0.4m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): 10 seconds / meter	

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): 4m	Length (ft): 20m	Avg. Depth (ft): 0.3m	Max. Depth (ft): 0.35m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): 14 seconds / meter	

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

% Cobble	% Gravel	100 % Sand	% Silt	% Mud/Clay	% Bedrock

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

- Aquatic vegetation in stream. Photo # 2110
- Small amounts of algal found in stream

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:** 7/9/15

Organization: Tetra Tech, INC **Position:** Scientist

QC check: CG

0133-016-US

0133-016-DS

0133-016-Extra

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 #: 0133 (SiteID- 17)		Site Location Description: ~100 m downstream of site ID - 18
Site GPS Coordinates: 39.42023; 92.41100		
Date & Time: 04 July 2005; 3:50 pm		Facility Name: Moberly East WWTF
Personnel: DB, CG		Permit Number:
Current Weather Conditions: Sunny, warm		Weather Conditions for Past 7 days: Hot, humid, dry, rainy
Photo Ids: Upstream: 2105	Downstream: 2106	Other: 2107

memory card A

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.)

N/A

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*:

☐ 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 # 0133 : (Site ID-17)

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): 5m	Length (ft): 20m	Avg. Depth (ft): 0.4m	Max. Depth (ft): 0.5m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): 10 seconds/meter	

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): 5m	Length (ft): 20m	Avg. Depth (ft): 0.35m	Max. Depth (ft): 0.45m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): 10 seconds/meter	

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

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

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

- Aquatic vegetation in stream. Photo # 2107
- Small amounts of algae in stream

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:** 7/7/05

Organization: Tetra Tech, INC **Position:** Scientist

QC Check 8 CG

0133-017-US

0133-017-DS

0133-017-Extra

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 #: 0133 (Site ID - 18)		Site Location Description: Rt 63 at bridge crossing next to train tracks.
Site GPS Coordinates: 39.42504; 92.41227		
Date & Time: 04 July 2005; 3:35pm		Facility Name: Moberly East WWTF
Personnel: DB, CG		Permit Number:
Current Weather Conditions: Partly cloudy, warm		Weather Conditions for Past 7 days: Hot, humid, dry, rainy
Photo Ids: Upstream: 2103	Downstream: 2104	Other:

memory card A

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.)

N/A

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*:

☒ 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 # 0133 **:** (site ID - 18)

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~~): 3m	Length (~~ft~~): 20m	Avg. Depth (~~ft~~): 0.2m	Max. Depth (~~ft~~): 0.25m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): 7 seconds/meter	

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~~): 7m	Length (~~ft~~): 20m	Avg. Depth (~~ft~~): 0.3m	Max. Depth (~~ft~~): 0.45m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): 9 seconds/meter	

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

% Cobble	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
5		95			

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

- Aquatic vegetation found in upstream photo (-2103).
- small amounts of algae in stream.

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:** 7/4/05

Organization: Tetra Tech, INC **Position:** Scientist

QC Check: CG

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