Use Attainability Analysis

for

WBID 0276 Brush Creek

Submitted by
Tetra Tech, Inc

To
Missouri Department of Natural Resources
Water Protection Program

RECEIVED

APR 06 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)	BAUSH CREEK; 159-162
8-digit HUC:	10240011
Missouri WBID #:	0276
County:	PLATTE
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates: (UGS 84, ddd.ddddd)	39.25606 -094.73620
Downstream Coordinates: (UGS 84, ddd.ddddd)	39.24537 -094.74781
Discharger Facility Name(s):	UNION CHAPEL ELEM SCHOOL/PCASD, BAUSH CA FACILITY
Discharger Permit Number(s):	MO-0085413 MO-0119474
Number of Sites Evaluated:	4
Name of Surveyor and Telephone Number:	CHAD BARBOUR; 410-356-8993
Organization:	TETRA TECH INC.
Position:	ASSOCIATE 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: _____ **Date:** 03-29-05

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 #: 159		Site Location Description: UNDER RT 152 OVERPASS.
Site GPS Coordinates: N39.24537 W094.74781		
Date & Time: 03-15-05 1635		Facility Name: UNION CHAPEL ELEM. SCHOOL / CASD BRUSH CR. FACILITY
Personnel: CHAD BARBOUR, JEREMY ROBERN		Permit Number:
Current Weather Conditions: 48°F, OVERCAST		Weather Conditions for Past 7 days:
Photo Ids: Upstream: 1561 B	Downstream: 1560 B	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*:

☑ 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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JTR - 03-15-05

Page Two – Data Sheet B for WBID # 159 **:**

Stream Morphology:

Upstream View Physical Dimensions: 0.1m, 0.2m, 0.03, 0.03, 0.02m

☑ Riffle	Width (ft): 7.5m	Length (ft): 20m	Avg. Depth (ft): 0.08m	Max. Depth (ft): 0.2m
☐ 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): 4m=1l/s ; 4m=9; 4m=1l/s	

Flow: 0.39 m/s

Downstream View Physical Dimensions: 0.30, 0.31, 0.31, 0.20, 0.09m

☐ 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): 8m	Length (ft): 20m	Avg. Depth (ft): 0.23m	Max. Depth (ft): 0.31m
☑ Flow	Present? ☐ Yes ☑ No		Estimated (ft^3/sec):	

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

40	% Cobble	40	% Gravel	% Sand	20	% Silt	% Mud/Clay	% Bedrock

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

LARGE MATS OF ALGAE.

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:** 03-15-05

Organization: TETRA TECH INC. Position: ASSOCIATE SCIENTIST

JTR - 03-15-05

159
BRUSH CR
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BRUSH CR
D

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 #: 160		Site Location Description: AT ROAD CROSSING OF N. HAMPTON RD.
Site GPS Coordinates: N39.25585 W094.73733		
Date & Time: 03-15-05; 1510		Facility Name: UNION-CHAPEL ELEM. SCHOOL/PEARSON BRUSH CR. FACILITY
Personnel: CHAD BARBOUR, JEREMY ROBERTS		Permit Number:
Current Weather Conditions: 47°F, OVERCAST		Weather Conditions for Past 7 days:
Photo Ids: Upstream: 1554B	Downstream: 1555B	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.) NONE

☐ 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)

*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.

JTR 03-15-05

CB

160

Page Two – Data Sheet B for WBID # 160 :

Stream Morphology:

Upstream View Physical Dimensions: 0.11, 0.13, 0.22, 0.4, 0.33

☐ 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): 8.2m	Length (ft): 20m	Avg. Depth (ft):	Max. Depth (ft): 0.4m
☑ Flow	Present? ☐ Yes ☑ No		Estimated (ft^3/sec): ~~4m=17s; 4m=20s; 4m~~ CEB	

NO FLOW - STREAM DAMMED BY ROAD CULVERT.

Downstream View Physical Dimensions: 0.1, 0.11, 0.02, 0.03, 0.02

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☑ Run	Width (ft): 6m	Length (ft): 20m	Avg. Depth (ft):	Max. Depth (ft): 0.11m
☐ Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☑ Flow	Present? ☑ Yes ☐ No		Estimated (ft^3/sec): 4m=17s : 4m=20s : 4m=21s	

FLOW = 0.21 m

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

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

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:
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: [signature] **Date:** 03-15-05

Organization: TETRA TECH INC. Position: ASSOCIATE SCIENTIST

JTR - 03-15-05

CO

160
BRUSH CR
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BRUSH CR
D

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 #: 161		Site Location Description: ROAD CLOSED, PRIVATE PROPERTY - SITE NOT ACCESSIBLE. SITE RELOCATED
Site GPS Coordinates:		
Date & Time: 03-15-05; 1500		Facility Name: UNION CHAPEL SCHOOL / PERSO BRANCH. FACILITY
Personnel: CHAD BARBOUR, JEREMY ROBIEN		Permit Number:
Current Weather Conditions: 47°F, OVERCAST		Weather Conditions for Past 7 days:
Photo Ids: Upstream:	Downstream:	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*:

☐ 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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JTR-03-15-05

CDS

Page Two – Data Sheet B for WBID # 141 **:**

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):	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):	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	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock

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

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: [signature] **Date:** 03-15-05

Organization: TETRA TECH INC. Position: ASSOCIATE SCIENTIST

JTR-03-15-05

CS

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BRUSH CR
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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 #: 161*		Site Location Description: 150m SOUTH OF N. HAMPTON ROAD CROSSING.
Site GPS Coordinates: N39.25548 W094.73804		
Date & Time: 03-15-05 : 1540		Facility Name: UNION CHAPEL ELEM SCHOOL: CMSD BRUSH CR. FACILITY
Personnel: CHAD BARBOUR, JEREMY ROBERN		Permit Number:
Current Weather Conditions: 48°F, OVERCAST		Weather Conditions for Past 7 days:
Photo Ids: Upstream: 1558 B	Downstream: 1559 B	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*:

☑ 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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*-ALTERNATE SITE LOCATION - ORIGINAL LOCATION NOT ACCESSIBLE - PRIVATE GATED PROPERTY.

OCD

Page Two – Data Sheet B for WBID # 161* **:**

Stream Morphology:

Upstream View Physical Dimensions: 0.34, 0.73, 1.04, 0.43, 0.2m.

☐ 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): 7.8m	Length (ft): 20m	Avg. Depth (ft):	Max. Depth (ft): 1.04m
☑ Flow	Present? ☐ Yes ☑ No		Estimated (ft^3/sec):	

Downstream View Physical Dimensions: 0.14, 0.33, 0.50, 0.83, 0.80m

☐ 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): 15m	Length (ft): 20m	Avg. Depth (ft):	Max. Depth (ft): 0.83m
☑ Flow	Present? ☐ Yes ☑ No		Estimated (ft^3/sec):	

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

5 % Cobble	% Gravel	% Sand	70 % Silt	25 % Mud/Clay	% Bedrock

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:
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: CME **Date:** 03-15-05

Organization: TETRA TECH INC. Position: ASSOCIATE SCIENTIST

JR 03-15-05

C&P

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 #: 162	Site Location Description: ROAD CLOSED, SITE NOT ACCESSIBLE. PRIVATE PROPERTY. SITE RELOCATED
Site GPS Coordinates: N/A	
Date & Time: 03-15-05; 1500	Facility Name: UNION CHAPEL SCHOOL / PCRSD BRUSH CR. FACILITY
Personnel: CHAD BARBOUR, JERAMY ROGEEN	Permit Number:
Current Weather Conditions: 47°F, OVERCAST	Weather Conditions for Past 7 days:

Photo Ids: Upstream:	Downstream:	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*:

☐ 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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JTR 03/15/05

CO

Page Two – Data Sheet B for WBID # 162 **:**

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):	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):	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	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock

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

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: [signature] **Date:** 03-15-05

Organization: TETRA TECH INC. Position: ASSOCIATE SCIENTIST

TTR 03-15-05

CO

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 #: 162* SITE FURTHEST U.S.	Site Location Description: 150MN OF N. HAMPTON RD. CROSSING
Site GPS Coordinates: N39.85626 W094.73620	
Date & Time: 03-15-05 : 1620	Facility Name: UNION CHAPEL ELEM SCHOOL; CRSD BRUSH CR. FACILITY
Personnel: CHAD BARBOUR, JERAMY ROBEEN	Permit Number:
Current Weather Conditions: 48°F, OVERCAST	Weather Conditions for Past 7 days:
Photo Ids: Upstream: 1557 B / Downstream: 1556 B	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*:

☑ 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.

*- ALTERNATE SITE LOCATION - ORIGINAL SITE NOT ACCESSIBLE - PRIVATE GATED PROPERTY.

TTR 03-15-05

Page Two – Data Sheet B for WBID # 162* **:**

Stream Morphology:

Upstream View Physical Dimensions: 0.2, 0.4, 0.43, 0.42, 0.24m

☐ 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): 5.2m	Length (ft): 20m	Avg. Depth (ft): 0.42m	Max. Depth (ft): 0.43m
☑ Flow	Present? ☐ Yes ☑ No		Estimated (ft^3/sec):	

Downstream View Physical Dimensions: 0.11, 0.4, 0.73, 0.62, 0.32m

☐ 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): 3.5m	Length (ft): 20m	Avg. Depth (ft): 0.44m	Max. Depth (ft): 0.73m
☑ Flow	Present? ☐ Yes ☑ No		Estimated (ft^3/sec):	

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

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

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:
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: _____ **Date:** 03-15-05

Organization: TETRA TECH INC. Position: ASSOCIATE SCIENTIST

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