Missouri
Department of
Natural Resources

Use Attainability Analysis

for

WBID 1032 Sanford Creek

Submitted by
Tetra Tech. Inc.

To
Missouri Department of Natural Resources
Water Protection Program

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2005 JUL 14 PM 2:45

Field Data Sheets for Recreational Use Stream Surveys

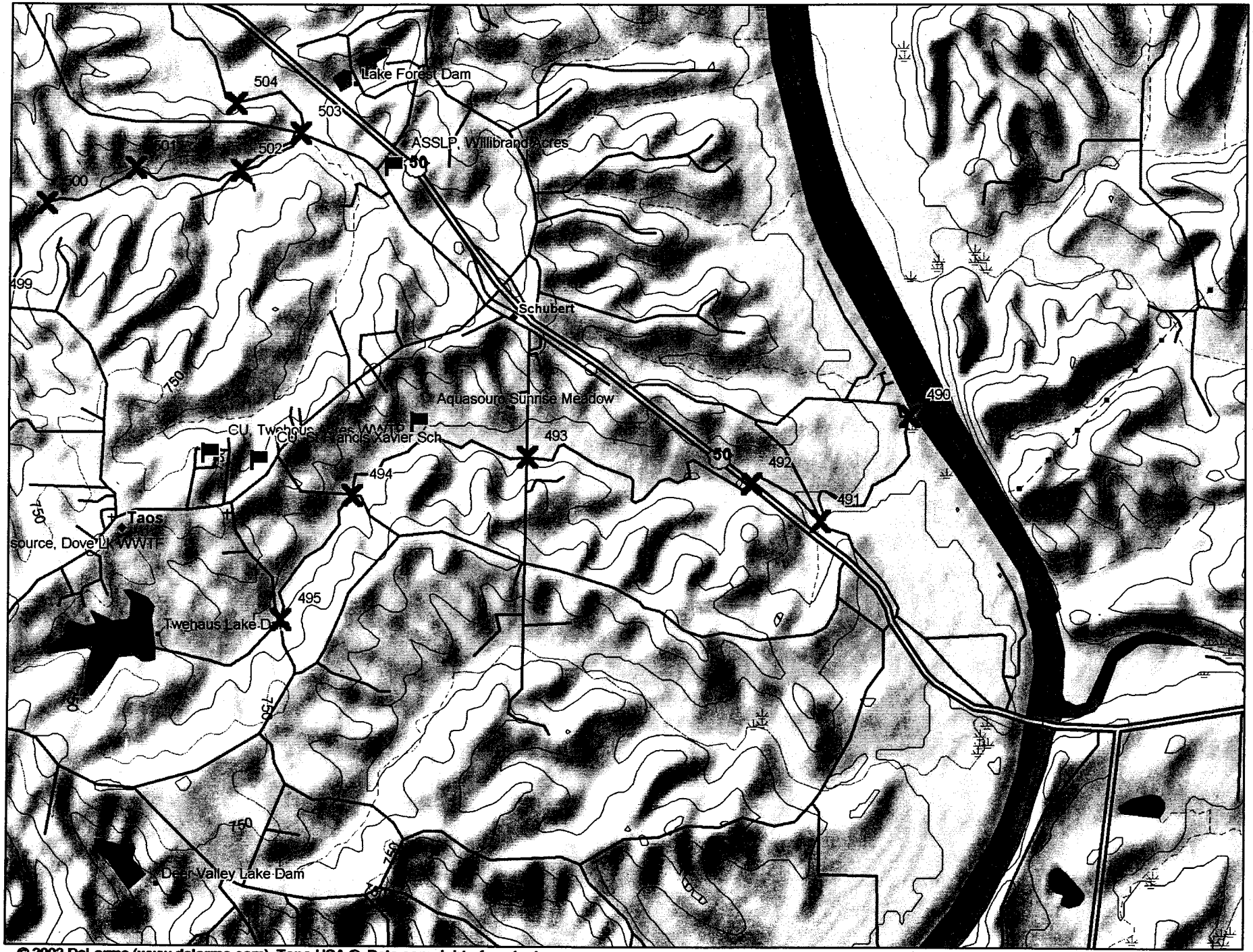
Data Sheet A - Water Body Identification

Water Body Name: (from USGS 7.5' quad)	Sanford Creek
8-digit HUC:	10290111
Missouri WBID #:	1032
County:	Cole
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates: (UGS 84, ddd.ddddd)	N38.49904 W92.06759
Downstream Coordinates: (UGS 84, ddd.ddddd)	N38.50664 W92.02751
Discharger Facility Name(s):	CU, St. Francis Xavier School
Discharger Permit Number(s):	
Number of Sites Evaluated:	6
Name of Surveyor and Telephone Number:	JB 410-356-8993
Organization:	TT
Position:	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:** 7/13/05

Sanford Creek



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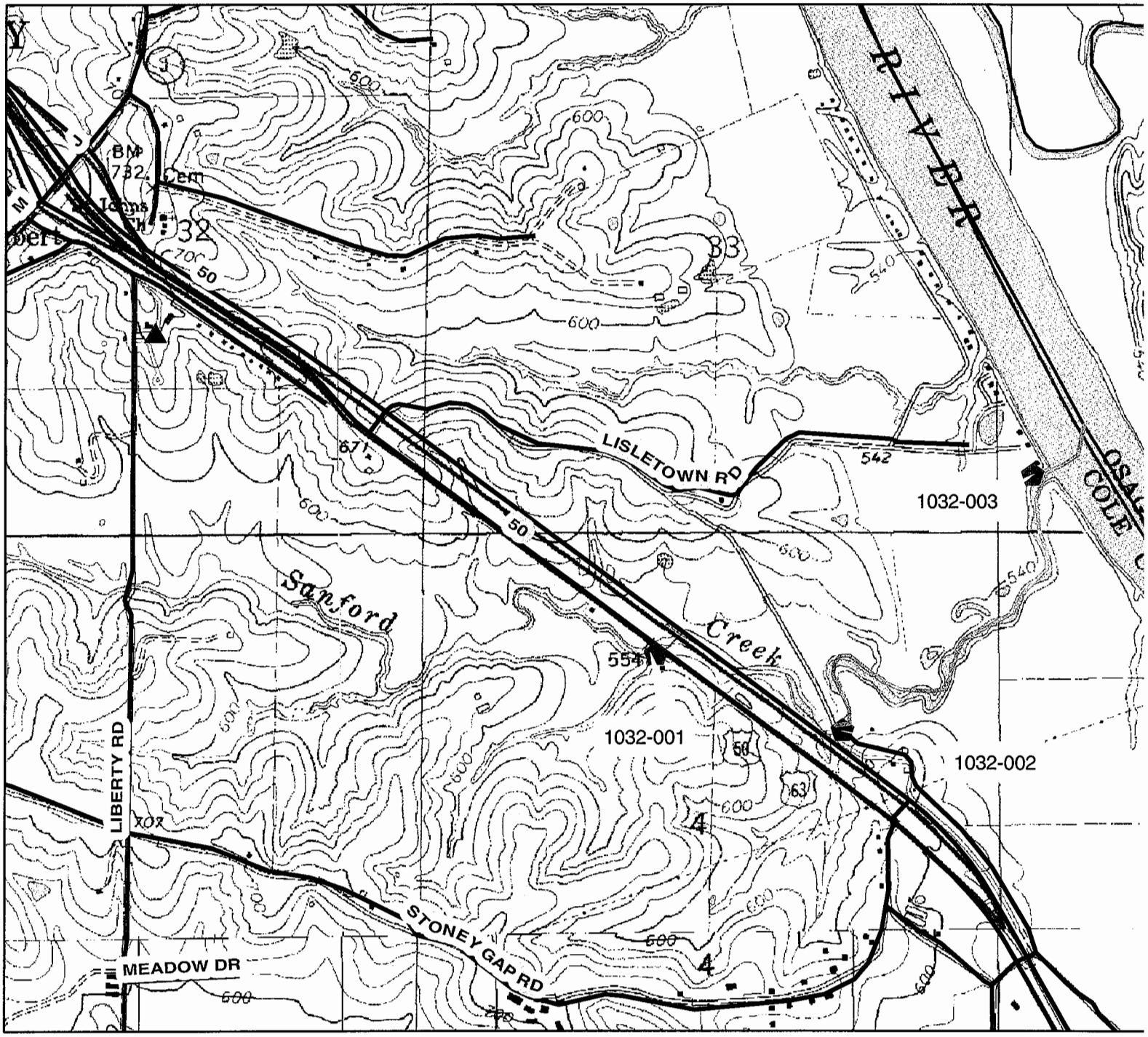
Scale: 1 : 34,375 Map Rotation: 0° Magnetic Declination: 1.6°E

2,000 ft

Sanford Creek (C) #1032 Cole County
HUC8 = 10290111



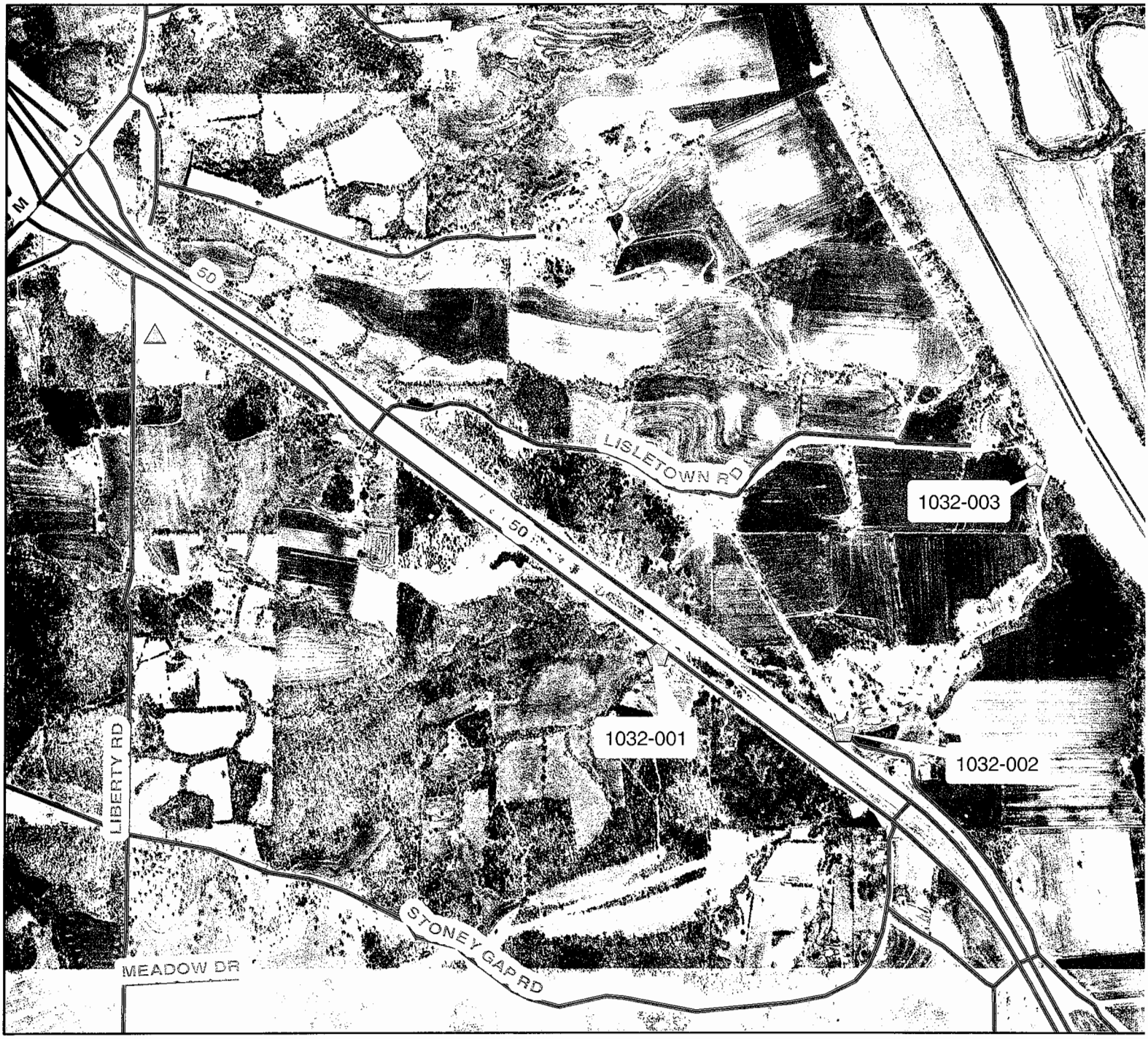
Legend

- Roads
- Point Sources
- Classified Waterbodies
- Counties

N
W E
S

0 0.25 0.5 1 Miles

Sanford Creek (C) #1032 Cole County
HUC8 = 10290111



Legend

- Roads
- Point Sources
- Classified Waterbodies
- Counties

N
W E
S

0 0.25 0.5 1 Miles

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 #: 491A (1032)		Site Location Description: 100m DS of 491A	
Site GPS Coordinates: N38.50664 W92.02751			
Date & Time: 7/7/05 ~~7515~~ 1715		Facility Name: St. Francis Xavier	
Personnel: CB JB		Permit Number:	
Current Weather Conditions: Clear 85°F		Weather Conditions for Past 7 days:	
Photo Ids: Upstream: 2070	Downstream: 2070	Other: Livestock 2072	

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: Agriculture	

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.

Page Two – Data Sheet B for WBID # 4904 (1032) :

Stream Morphology:

Upstream View Physical Dimensions: 0.10, 0.16, 0.04, ~~0.48~~ 0.48, 0.16

☐ 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): 9.6m	Length (ft): 20m	Avg. Depth (ft): 0.19m	Max. Depth (ft): 0.48m
☒ Flow	Present? ☐ Yes	☒ No	Estimated (ft^3/sec):	

Downstream View Physical Dimensions: 0.32, 0.54, 0.50, 0.26, 0.12

☐ 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): 8.5m	Length (ft): 20m	Avg. Depth (ft): 0.35m	Max. Depth (ft): 0.54m
☒ Flow	Present? ☐ Yes	☒ No	Estimated (ft^3/sec):	

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

10 % Cobble	50 % Gravel	10 % Sand	20 % Silt	10% 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: Brown
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:** 07/07/05

Organization: Tetra Tech Inc. Position: Associate Scientist

CEH 7/07/05

1032_490_US

1032_490_DS

1032_490_livestock_watering

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 #: 4911 (1032)		Site Location Description:
Site GPS Coordinates: N 38.50686 W92.02874		100m DS of 492
Date & Time: 7/7/05 ~~1500~~ 1700		Facility Name: St. Francis Xavier
Personnel: CB JR		Permit Number:
Current Weather Conditions: Clear 85°F		Weather Conditions for Past 7 days:
Photo Ids: Upstream: 2069	Downstream: 2068	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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Page Two – Data Sheet B for WBID # 4914 (1032):

Stream Morphology:

Upstream View Physical Dimensions: 0.10, 0.28, 0.38, 0.20, 0.10

☐ 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): 5.6m	Length (ft): 20m	Avg. Depth (ft): 0.21m	Max. Depth (ft): 0.38m
☒ Flow	Present? ☐ Yes	☒ No	Estimated (ft^3/sec):	

Downstream View Physical Dimensions: 0.14, 0.20, 0.20, 0.20, 0.14

☐ 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): 7.2m	Length (ft): 20m	Avg. Depth (ft): 0.18m	Max. Depth (ft): 0.20m
☒ Flow	Present? ☐ Yes	☒ No	Estimated (ft^3/sec):	

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

% Cobble	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
10	60	20	10		

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: Brown
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:** 7/7/05

Organization: Tetra Tech **Position:** Environmental Scientist

CM
07/07/05

1032_491_US

1032_491_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 #: 492 (1032)		Site Location Description: North Crossing on Q550	
Site GPS Coordinates: N 38.50784 W92.03881			
Date & Time: 7/7/05		Facility Name: St Francis Xavier	
Personnel: CB JB 1545		Permit Number:	
Current Weather Conditions: Partly Cloudy 75°F		Weather Conditions for Past 7 days:	
Photo Ids: Upstream: 2067	Downstream: 2066	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: Channelized with boulder & concrete	

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 # 492 (1032):

Stream Morphology:

Upstream View Physical Dimensions: 0.10, 0.16, 0.20, 0.20, 0.16

☐ 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): 2.1m	Length (ft): 20m	Avg. Depth (ft): 0.16m	Max. Depth (ft): 0.20m
☒ Flow	Present? ☐ Yes ☒ No		Estimated (ft^3/sec):	

Downstream View Physical Dimensions: 0.30, 0.36, 0.36, 0.40, 0.10

☐ 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): 4.3m	Length (ft): 20m	Avg. Depth (ft): 0.30m	Max. Depth (ft): 0.40m
☒ Flow	Present? ☐ Yes ☒ No		Estimated (ft^3/sec):	

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

15 % Cobble	60 % Gravel	10 % Sand	20 % Silt	5 % 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: Brown
Bottom Deposit:	☐ Sludge	☐ Solids	☒ Fine sediments	☐ None	☐ Other:
Surface Deposit:	☐ Oil	☒ Scum	☐ Foam	~~☐ None~~ /SB	☐ 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:** 7/7/05

Organization: Tetra Tech **Position:** Environmental Scientist

1032_492_US

1032_492_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 #: 493 (1032)	Site Location Description: Flood Area Crossing in Liberty East at Rt M
Site GPS Coordinates: N38.50913 W92.04835	
Date & Time: 7/7/05 1525	Facility Name: St Francis Xavier
Personnel: CB JB	Permit Number:
Current Weather Conditions: Clear 85°F	Weather Conditions for Past 7 days:
Photo Ids: Upstream: 2065 Downstream: 2064	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.)

Kraig Loatens — Play in water (children)
Taos, MO — Sometimes fish

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: Agriculture	

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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CB 7/07/05

Page Two – Data Sheet B for WBID # 493 (1032):

Stream Morphology:

Upstream View Physical Dimensions: 0.24, 0.42, 0.62, ~~1.18~~ 0.40, 1.18

☐ 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): 9.4m	Length (ft): 20m	Avg. Depth (ft): 0.57m	Max. Depth (ft): ~~1.18m~~ 1.18m
☒ Flow	Present? ☐ Yes ☒ No		Estimated (ft³/sec):	

Downstream View Physical Dimensions: Dry Streambed

☐ 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 (ft³/sec):	

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

15 % Cobble	50 % Gravel	10 % Sand	5 % Silt	10 % Mud/Clay	% Bedrock

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

Algal Growth

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:** 7/7/05

Organization: Tetra Tech **Position:** Environmental Scientist

CC 07/07/05

1032_493_US

1032_493_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 #: 494 (1032)		Site Location Description:	
Site GPS Coordinates: N 38.50679 W90.06207		1st Crossing on Stony Gap from Taos	
Date & Time: 7/7/05 1510		Facility Name: St Francis Xavier	
Personnel: CB JB		Permit Number:	
Current Weather Conditions: Partly cloudy 85°F		Weather Conditions for Past 7 days:	
Photo Ids: Upstream: 2063	Downstream: 2062	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: Agricultural	

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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CB 07/07/05

Page Two – Data Sheet B for WBID # 494 (1032):

Stream Morphology:

Upstream View Physical Dimensions: 0.22, 0.36, 0.36, 0.28, 0.16

☐ 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): 4.1m	Length (ft): 20m	Avg. Depth (ft): 0.28m	Max. Depth (ft): 0.36m
☒ Flow	Present? ☐ Yes	☒ No	Estimated (ft³/sec):	

Downstream View Physical Dimensions: 0.06, 0.08, 0.10, 0.12, 0.06

☐ 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): 3.0m	Length (ft): 20m	Avg. Depth (ft): 0.08m	Max. Depth (ft): 0.12m
☒ Flow	Present? ☐ Yes	☒ No	Estimated (ft³/sec):	

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

15 % Cobble	60 % Gravel	15 % Sand	5 % Silt	5 % Mud/Clay	% Bedrock

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

Algal Growth

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:

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Signed: [signature] **Date:** 7/7/05

Organization: Tetra Tech **Position:** Environmental Scientist

1032_494_US

1032_494_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 #: 495 (1032)		Site Location Description:	
Site GPS Coordinates: N 38.49904 W92.06759		1st Crossing on Hwy from Taos	
Date & Time: 7/7/05 1430		Facility Name: St Francis Xavier	
Personnel: CB JB		Permit Number:	
Current Weather Conditions: Partly Cloudy		Weather Conditions for Past 7 days:	
Photo Ids: Upstream: 2059	Downstream: 2058	Other: Fence 2060 Can 2061	

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: RESIDENTIAL	

→ SITE DIRECTLY DOWNSTREAM OF WHAT LOOKS TO BE A SMALL POND

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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QCD 07/07/05

Page Two – Data Sheet B for WBID # 195 (1032) **:**

Stream Morphology:

Upstream View Physical Dimensions: Dry Streambed

☐ 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: 0.02, 0.00, 0.04, 0.04, 0.02

☐ 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): 4.6m	Length (ft): 20m	Avg. Depth (ft): 0.02m	Max. Depth (ft): 0.04m
☒ Flow	Present? ☐ Yes ☒ No		Estimated (ft^3/sec):	

* Pool c/max depth 0.50m

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

5 % Cobble	70 % Gravel	10 % Sand	5 % Silt	5 % 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: Brown
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:** 7/7/05

Organization: Tetra Tech **Position:** Environmental Scientist

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