Use Attainability Analysis

for

WBID 0912 Davis Creek

Submitted by
Tetra Tech, Inc

To
Missouri Department of Natural Resources
Water Protection Program

RECEIVED

APR 06 2005

WATER PROTECTION PROGRAM

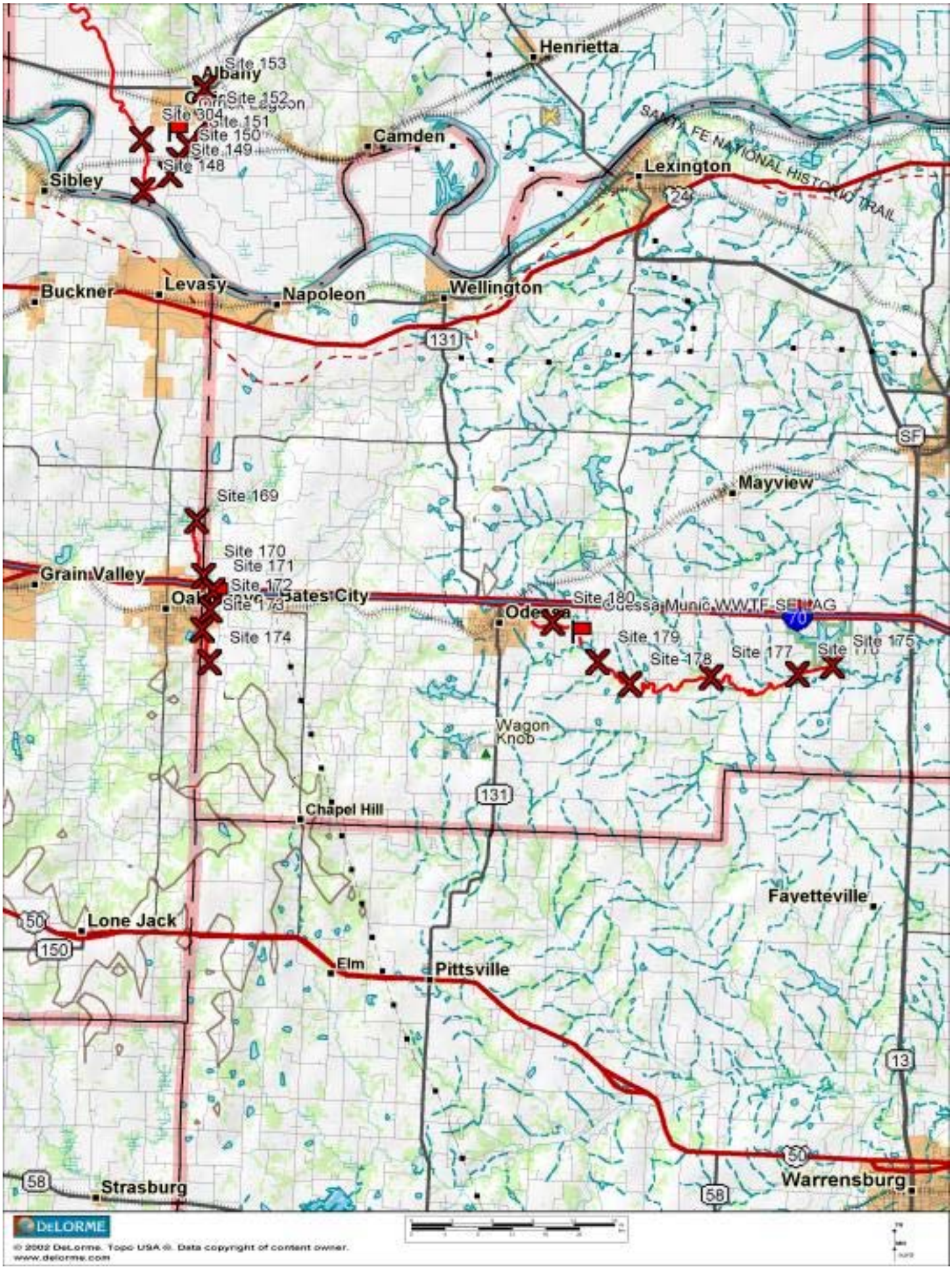
Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name: (from USGS 7.5' quad)	DAVIS CREEK; 175-180
8-digit HUC:	10240005
Missouri WBID #:	0253
County:	LAFAYETTE
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates: (UGS 84, ddd.ddddd)	38.99965 -093.92571
Downstream Coordinates: (UGS 84, ddd.ddddd)	38.97434 -093.75946
Discharger Facility Name(s):	ODESSA MUNIC WWTF-SE LAG
Discharger Permit Number(s):	MO-0026387
Number of Sites Evaluated:	6
Name of Surveyor and Telephone Number:	CHAD BAMBOUR, ADAM RETTIG 410-356-3993
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


Henrietta
Site 153
Albany
Site 152
Site 304
Site 151
Site 150
Site 149
Site 148
Camden
Sibley
Lexington
SANTA FE NATIONAL HISTORIC TRAIL
24
Buckner
Levasy
Napoleon
Wellington
131
SF
Mayview
Site 169
Site 170
Site 171
Grain Valley
Site 172
Site 173
Site 174
Site 180
Odessa
Site 179
Site 178
Site 177
Site 175
70
Wagon Knob
131
Chapel Hill
Favetteville
50
Lone Jack
150
Elm
Pittsville
13
50
58
Strasburg
Warrensburg
58
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* SITE RELOCATED DUE TO LACK OF ACCESS; PRIVATE PROPERTY

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 #: 175		Site Location Description: ~~AFEK RD~~ MOVED TO AFEK RD OVERPASS.
Site GPS Coordinates:		
Date & Time: 03-18-05, 1430		Facility Name:
Personnel: CHAD BARROW, JERAMY ROBERT		Permit Number:
Current Weather Conditions: 50°F CLOUDY, WINDY		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)

*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 - 03/18/05

Page Two – Data Sheet B for WBID # 175 **:**

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: _____ **Date:** 03-18-05

Organization: TOTAL TECH INC. Position: ASSOCIATE SCIENTIST

JTR 03/18/05

*- SITE RELOCATED DUE TO INACCESSIBILITY

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 #: 175*-ALTERNATE SITE LOCATION	Site Location Description: AFEK RD. OVERPASS
Site GPS Coordinates: N38.97434 W093.75946 ACC: 11.1 Ft.	
Date & Time: 03-18-05 1430	Facility Name: ODDESSA MUNICIPAL WWTF-SE LAG
Personnel: CHAD BARBOUR, JERAMY ROBEEN	Permit Number:
Current Weather Conditions: CLOUDY, 250°F, WINDY	Weather Conditions for Past 7 days:

Photo Ids: Upstream: ~~1636~~ ~~1048~~ CED 1636B	Downstream: ~~1637~~ ~~1108~~ CED 1637B	Other:

Uses Observed*:

☑ CED Swimming	☐ Skin diving	☐ SCUBA diving	☑ CED Tubing	☐ Water skiing
☐ Wind surfing	☑ CED Kayaking	☐ Boating	☑ CED Wading	☐ Rafting
☐ Hunting	☑ CED Trapping	☑ CED Fishing	☐ None of the above	☐ Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)
DEEP RIVER WITHIN AGRICULTURAL AREA.

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, FOREST	

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 03/18/05

Page Two – Data Sheet B for WBID # 175* ALTERNATE SITE LOCATION**:**

Stream Morphology:

Upstream View Physical Dimensions: VISUAL ASSESSMENT DUE TO DEPTH.

☐ 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): ≈ 20m	Length (ft): N/A	Avg. Depth (ft): ≈ 2.5m	Max. Depth (ft): ≈ 5m
☑ Flow	Present? ☑ Yes ☐ No		Estimated (ft^3/sec): N/A	

Downstream View Physical Dimensions: VISUAL ASSESSMENT DUE TO DEPTH

☐ 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): ≈ 20m	Length (ft): N/A	Avg. Depth (ft): ≈ 2.5m	Max. Depth (ft): ≈ 5m
☑ Flow	Present? ☑ Yes ☐ No		Estimated (ft^3/sec): N/A	

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

% Cobble	% Gravel	80* % Sand	% Silt	20* % 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: [signature] **Date:** 03-18-05

Organization: TETRA TECH INC. Position: ASSOCIATE SCIENTIST

JTR - 03/18/05

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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 #: 176	Site Location Description: AT OLD STAGE RD. CROSSING
Site GPS Coordinates: N38.97800 W093.79669 ACC: 11.3 FL.	
Date & Time: 03-18-05, 1530	Facility Name: ODESSA MUNIC WWTF-SE LAG
Personnel: CHAD BARBOUR, SERAMY ROBEEN	Permit Number:
Current Weather Conditions: 53°F, CLOUDY, WINDY	Weather Conditions for Past 7 days:
Photo Ids: Upstream: ~~1632~~ ~~1118~~ CEB 1638B	Downstream: ~~1634~~ ~~1120~~ CEB 1639B	Other:

Uses Observed*:

☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☑ Kayaking CEB	☐ Boating	☑ Wading CEB	☐ Rafting
☐ Hunting	☑ Trapping CEB	☐ Fishing	☐ None of the above	☐ Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)
SITE SURROUNDED BY AGRICULTURE.

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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Page Two – Data Sheet B for WBID # 176 **:**

Stream Morphology:

Upstream View Physical Dimensions: 0.10, 0.20, 0.03, 0.40, 0.15 m

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☑ Run	Width (ft): 12.0m	Length (ft): 20m	Avg. Depth (ft): 0.21m	Max. Depth (ft): 0.40m
☐ Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☑ Flow	Present? ☑ Yes ☐ No		Estimated (ft^3/sec): 4m=12s; 4m=12s; 4m=13s	

FLOW = 0.33 m/s

Downstream View Physical Dimensions: 0.40, 0.1, 0.15, 0.02, 0.02m

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☑ Run	Width (ft): 15.3m	Length (ft): 20m	Avg. Depth (ft): 0.14m	Max. Depth (ft): 0.4m
☐ Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☑ Flow	Present? ☑ Yes ☐ No		Estimated (ft^3/sec): 4m=10s; 4m=14s; 4m=8s;	

FLOW = 0.32 m/s

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

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

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

ALGAE GROWING THROUGHOUT.

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:** 03-18-05

Organization: TETRA TECH INC. Position: ASSOCIATE SCIENTIST

JTR 03/18/05

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(Acc. 17ft)

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 #: 177	Site Location Description: @ BRIDGE ON OKLAND SCHOOL RD.
Site GPS Coordinates: 38.97663/-093.84219	
Date & Time: 3-18-05 / 3:40pm	Facility Name: ODESSA MUNIC WWTF, SE UNION
Personnel: AVR, HMG	Permit Number:
Current Weather Conditions: Sunny, Windy, 50's	Weather Conditions for Past 7 days:
Photo Ids: Upstream: 50 OK 1714A / Downstream: 49 OK 1713A	Other:

Uses Observed*:

☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☒ ~~Trapping~~ AVR	☒ ~~Fishing~~ AVR	☐ None of the above	☐ Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

~~ASSUMED ACTIVITIES~~ BASED ON LOCATION + COND. AVR

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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A. Mark Golter 3-18-05

AR

Page Two – Data Sheet B for WBID # 177 **:**

Stream Morphology: 5s, 4s, 4s 1m, 1m, 1m

Upstream View Physical Dimensions: .1, .1, .1, .1, .1

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 8.5m	Length (ft): 20m	Avg. Depth (ft): 0.1m	Max. Depth (ft): 0.1m
☐ Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Flow	Present? ☒ Yes ☐ No		Estimated ~~(ft³/sec)~~: AMG 0.23m/s	

Downstream View Physical Dimensions: .15, .2, .25, .2, .1 8s, 8s, 7s 1m, 1m, 1m

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 5m	Length (ft): 20m	Avg. Depth (ft): 0.18m	Max. Depth (ft): 0.25m
☐ Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Flow	Present? ☒ Yes ☐ No		Estimated ~~(ft³/sec)~~: AMG 0.13m/s	

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

% Cobble	50 % Gravel	% Sand	% Silt	50 % 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: Adam Retts **Date:** 3/18/05

Organization: TE-BLT Position: SCI, I

[signature] 3/18/05

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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 #: 178	Site Location Description: @ BRIDGE OFF OF M.
Site GPS Coordinates: 38.97333/-093.88435	
Date & Time: 3-18-05 / 3:15pm	Facility Name: ODESSA MUNSE WWTP - SE LAGOON
Personnel: AVR AMLE	Permit Number:
Current Weather Conditions: Sunny 50's Windy	Weather Conditions for Past 7 days:
Photo Ids: Upstream: 48 OR 1712A Downstream: 47 OR 1711A	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.)

~~Assumed activity based on location & condition.~~ AVR

GRAY, GREEN WATER.

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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3-18-05

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Page Two – Data Sheet B for WBID # 178 **:**

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): 7.5m	Length (ft): 20m	Avg. Depth (ft): 0.6m	Max. Depth (ft): 0.7m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): Too Slow to measure	

Downstream View Physical Dimensions:

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Run	Width (ft):	Length (ft):	Avg. Depth (ft): 0.6m	Max. Depth (ft):
☒ Pool	Width (ft): 8m	Length (ft): 20m	Avg. Depth (ft): ~~0.7m~~ 0.6m	Max. Depth (ft): 0.7m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): Too Slow to measure	

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

% Cobble	% Gravel	% Sand	100 % 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~~ Algae	☐ 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:** 3/17/05

Organization: TE-BLT Position: SCI. 2

3-18-05

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DAVIS CRK.

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 #: 179	Site Location Description: @ BRIDGE OFF OF STARR SCHOOL RD.
Site GPS Coordinates: 38.98285/-093.90179	
Date & Time: 3-18/-05 / 2:40pm	Facility Name: ODESSA MUNER WASTE SS WWTF, SE LAGOON
Personnel: AVR, AMC	Permit Number:
Current Weather Conditions: Sunny, Windy 50's	Weather Conditions for Past 7 days:
Photo Ids: Upstream: ~~Sunny 50's~~ 45 OR 1709A	Downstream: 44 OR 1708A / Other: 46 OR 1710 GREEN H2O

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.)

DIRTY, GROSS, GREEN, SMELLY WATER!

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: TRASH.				

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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A. Marie Golka 3-18-05

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Page Two – Data Sheet B for WBID # 179 **:**

Stream Morphology:

Upstream View Physical Dimensions: .2, .3, .35, .3, .2

☐ 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): 0.27m	Max. Depth (ft): 0.4m
☒ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec): Too slow to measure	

Downstream View Physical Dimensions: .3, .2, .2, .4, .2 1m 1m 3s, 3s, 2s

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 3.5m	Length (ft): 20m	Avg. Depth (ft): 0.26m	Max. Depth (ft): 0.45m
☐ Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Flow	Present? ☒ Yes ☐ No		Estimated ~~(ft^3/sec)~~: Avg = 0.37m/s	

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

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

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

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.

*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: [signature] **Date:** 3/8/05

Organization: TE-OLT Position: Sci. I.

[signature] 3-16-05

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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)

Acc. 18ft.

Missouri WBID #: 180	Site Location Description: @ BRIDGE ON ODESSA CEMETARY RD.
Site GPS Coordinates: 38.99905/-093.92571	
Date & Time: 3-18-05 / 2:20pm	Facility Name: ~~DAVIS CREEK~~ ODESSA MUNIC. WWTF- SE LAGOON
Personnel: AVR, AMG	Permit Number:
Current Weather Conditions: Sunny + Windy 50's	Weather Conditions for Past 7 days:
Photo Ids: Upstream: 39 or 1703A / Downstream: 41 or 1705 / 40 or 1704 same	Other: 42 or 1706 = PLUNGE POOL

Uses Observed*:

☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☒ ~~Fishing~~ AVR	☐ None of the above	☐ Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

~~ASSUMED ACTIVITY BASED ON LOCATION + CONDITION~~. AVR

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: TRASH	

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: TRASH				

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.

[signature] 3-18-05

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Page Two – Data Sheet B for WBID # 180 **:**

Stream Morphology:

Upstream View Physical Dimensions: .3, .5, .5, .5, .4

☐ 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): 0.5m
☒ Flow	Present? ☐ Yes ☒ No		Estimated (ft^3/sec):	

Downstream View Physical Dimensions: .7, 1, 1.1, .9, .5

☐ 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): 0.84m	Max. Depth (ft): 1.2m
☒ Flow	Present? ☐ Yes ☒ No		Estimated (ft^3/sec):	

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

% Cobble	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
	30	30	40		

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: [signature] **Date:** 3/18/05

Organization: Tt - BCT **Position:** JCS. T.

[signature] 3-18-5

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