# Use Attainability Analysis

for

WBID 3624 Slabtown Branch

Submitted by
Missouri Department of Natural Resources Staff

To
Missouri Department of Natural Resources
Water Protection Program

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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): | Slabtown Branch |
| 8-digit HUC: | 10290202 |
| Missouri WBID #: | 3624 |
| County: | Texas |
| Upstream Legal Description: | S. 23 T33N R.10W |
| Downstream Legal Description: | S.15 T33N R.10W |
| Upstream Coordinates: | |
| Downstream Coordinates: | N: 37.56278° W: 92.02090° |
| Discharger Facility Name(s): | |
| Discharger Permit Number(s): | |
| Number of Sites Evaluated: | 2 |
| Name of Surveyor and Telephone Number: | Wyn Kelley 573/884-3440 |
| Organization: | MDNR |
| Position: | Soil Scientist |

**I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.**

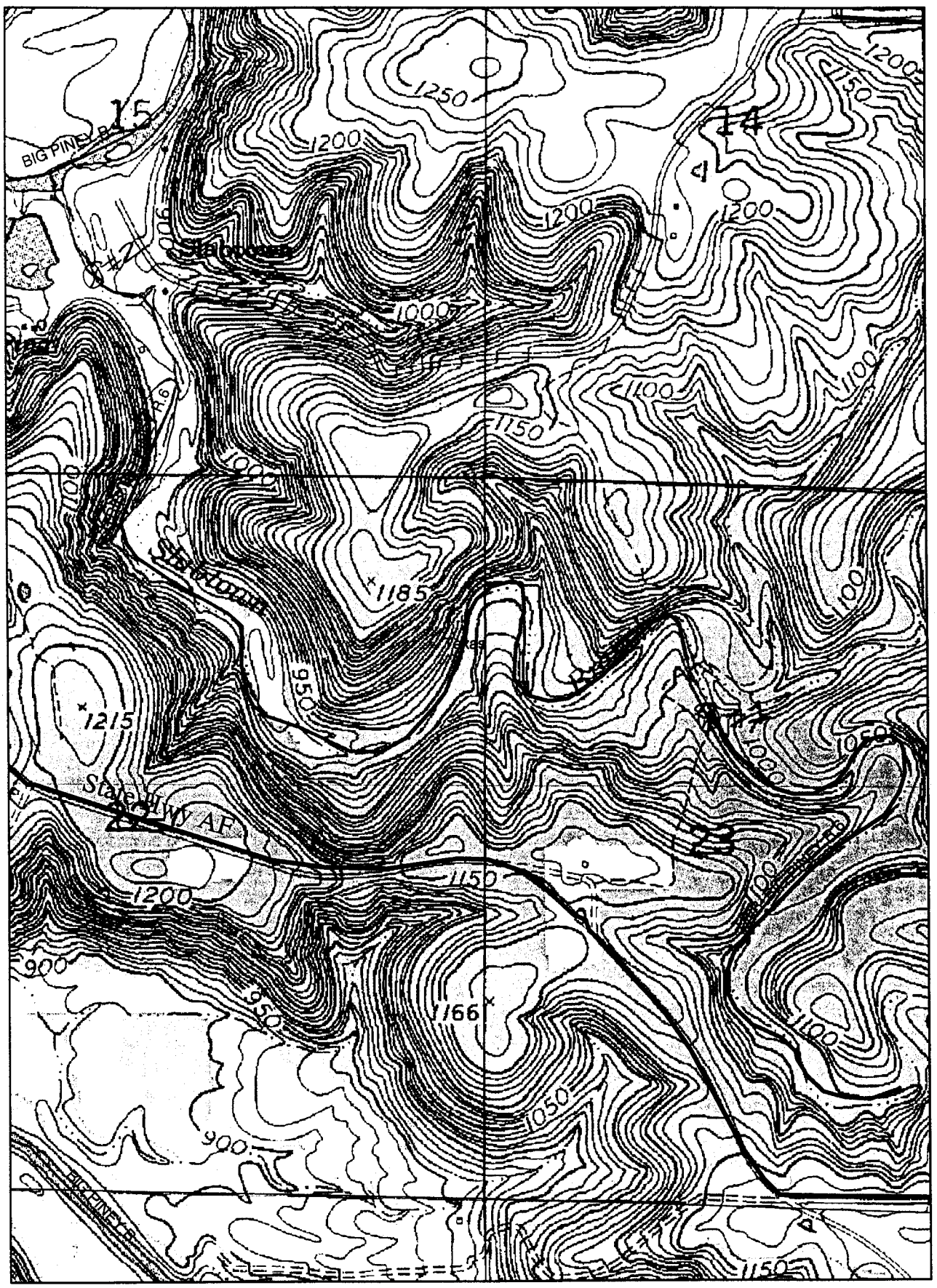
**Signed:** Wyn Kelley **Date:** 6/15/05

WBID# 3624

Slabtown Br

33N 10W

HUC8-10290202



# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization

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

28 ft

| | |
|---|---|
| Missouri WBID #: 3624-01 | Site Location Description: |
| Site GPS Coordinates: N: 37.54670° W: 91.99546° | |
| Date & Time: 6/15/05 2:40 p.m. | Facility Name: |
| Personnel: Wyn Kelley | Permit Number: |
| Current Weather Conditions: hot & sunny | Weather Conditions for Past 7 days: 1" rain (hot & dry) |
| Photo Ids: Upstream: 3624-01 #18 | Downstream: 3624D-02 #19 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*:**

forest service road

| | | | | |
|---|---|---|---|---|
| ☑ 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 #3624

**Stream Morphology:**

**Upstream View Physical Dimensions:** No water

| | | | | |
|---|---|---|---|---|
| ☐ 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:** No water

| | | | | |
|---|---|---|---|---|
| ☐ 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 |
|---|---|---|---|---|---|
| 10 | 90 | | | | |

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

N/A

**Water Characteristics*:** (Mark all that apply.)

| | | | | | |
|---|---|---|---|---|---|
| Odor: | ☐ Sewage | ☐ Musky | ☐ Chemical | ☐ None | ☐ Other: |
| Color: | ☐ Clear | ☐ Green | ☐ Gray | ☐ Milky | ☐ Other: N/A |
| 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: 6/15/05

Organization: MDNR Position: Soil Scientist

3624_001_US

3624_001_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 #: 3624-02 | Site Location Description: |
| Site GPS Coordinates: N: 37.56278° W: 92.02090° | |
| Date & Time: 6/15/05 3:30pm | Facility Name: |
| Personnel: Wyn Kelley | Permit Number: |
| Current Weather Conditions: hot & sunny | Weather Conditions for Past 7 days: 1" rain (hot & dry) |
| Photo Ids: Upstream: 3624A-02 #20 / Downstream: 3624D-02 #21 | Other: 3624E-02 #22 (Spring flow picture) |

27ft

**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 (private) |
| ☐ Boating accesses | ☐ State parks | ☑ National forests | ☐ Nature trails | ☐ Stairs/walkway |
| ☐ No trespass sign | ☐ Fence | ☐ Steep slopes | ☐ Other: | |

**Evidence of Human Use*:**

| | | | | |
|---|---|---|---|---|
| ☑ Roads (private) | ☐ Foot paths/prints | ☐ Dock/platform | ☐ Livestock Watering | ☐ RV / ATV Tracks |
| ☐ Rope swings | ☐ Camping Sites | ☐ Fire pit/ring | ☐ NPDES Discharge | ☐ Fishing Tackle |
| ☑ Other: stream side cabins | | | | |

**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 #_____:

**Stream Morphology:**

**Upstream View Physical Dimensions:** stream is dry just above pool

| | | | | |
|---|---|---|---|---|
| ☐ 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): 30 | Length (ft): 100 | Avg. Depth (ft): 1.1 | Max. Depth (ft): 2.0 |
| ☑ 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): 40 | Length (ft): 100 | Avg. Depth (ft): 1.0 | Max. Depth (ft): 1.5 |
| ☑ Flow | Present? ☐ Yes ☑ No | | Estimated ($ft^3$/sec): | |

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

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

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

40% algae in water & on surface

**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.
At lower end of downstream pool a high volume of water is entering area from a spring. Many small fish observed

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Signed: [signature] Date: 6/15/05

Organization: MDNR Position: Soil Scientist

3624_002_US

3624_002_DS

3624_002