



Missouri  
Department of  
Natural Resources

Use Attainability Analysis

for

WBID 0401 Sni-A-Bar Creek

Submitted by

Missouri Department of Natural Resources Staff

To

Missouri Department of Natural Resources  
Water Protection Program

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet A - Water Body Identification**

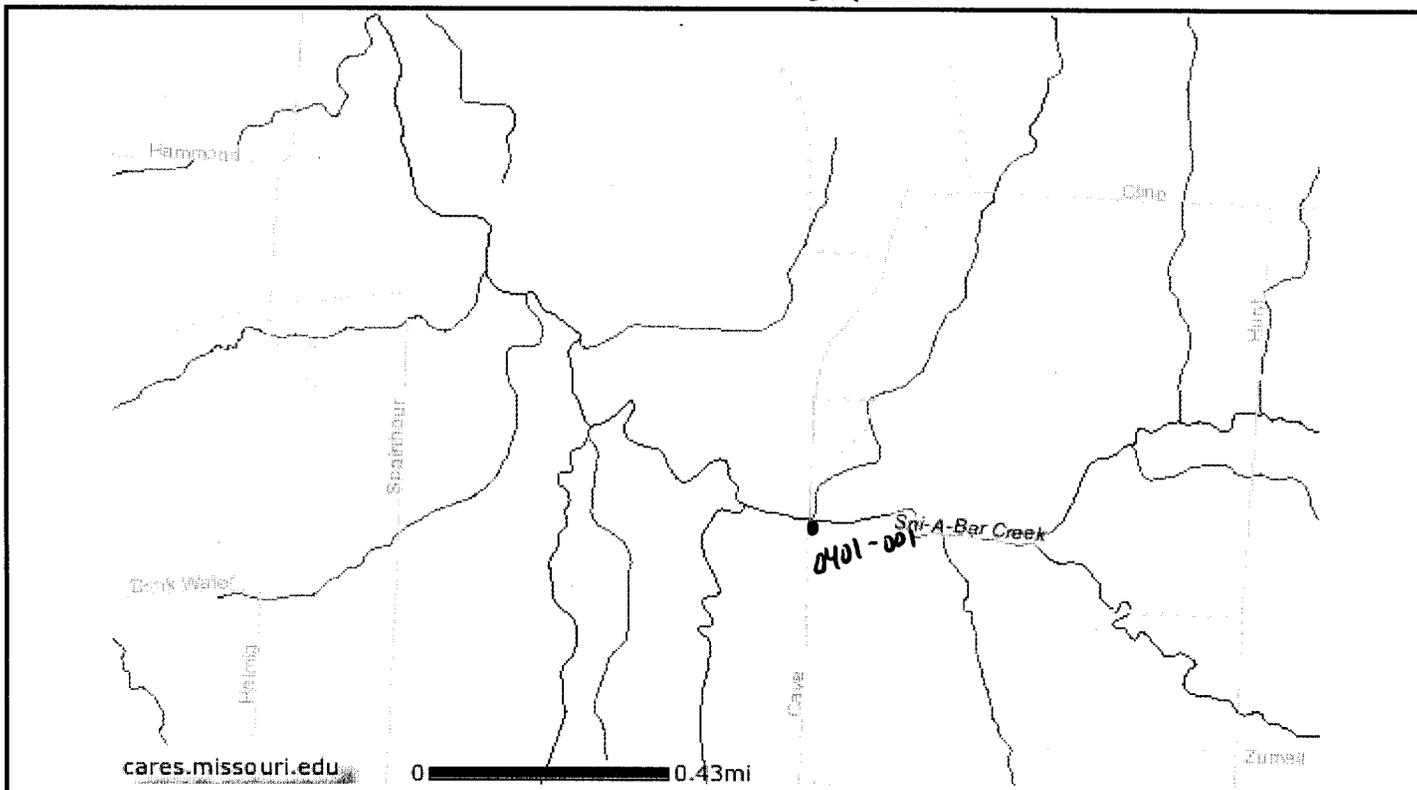
RECEIVED  
2005 JUL -7 PM 12:36  
WATER PROTECTION PROGRAM

Water Body Name (from USGS 7.5' quad):	<i>Su-A-Bar Cr.</i>
8-digit HUC:	<i>10300101</i>
Missouri WBID #:	<i>0401</i>
County:	<i>Jackson</i>
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates:	<i>N 38.90977 W 094.15752</i>
Downstream Coordinates:	<i>N 38.97893 W 094.17622</i>
Discharger Facility Name(s):	<i>Lone Jack Elem. School Lone Jack WWTTP</i>
Discharger Permit Number(s):	<i>MO 0097560 MO 0123579</i>
Number of Sites Evaluated:	<i>4</i>
Name of Surveyor and Telephone Number:	<i>Aaron Bleibaum 816-622-7018</i>
Organization:	<i>MDNR</i>
Position:	<i>Environmental Specialist</i>

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

Signed: *Aaron Bleibaum* Date: *6-30-05*

0401 - 001



**Legend**

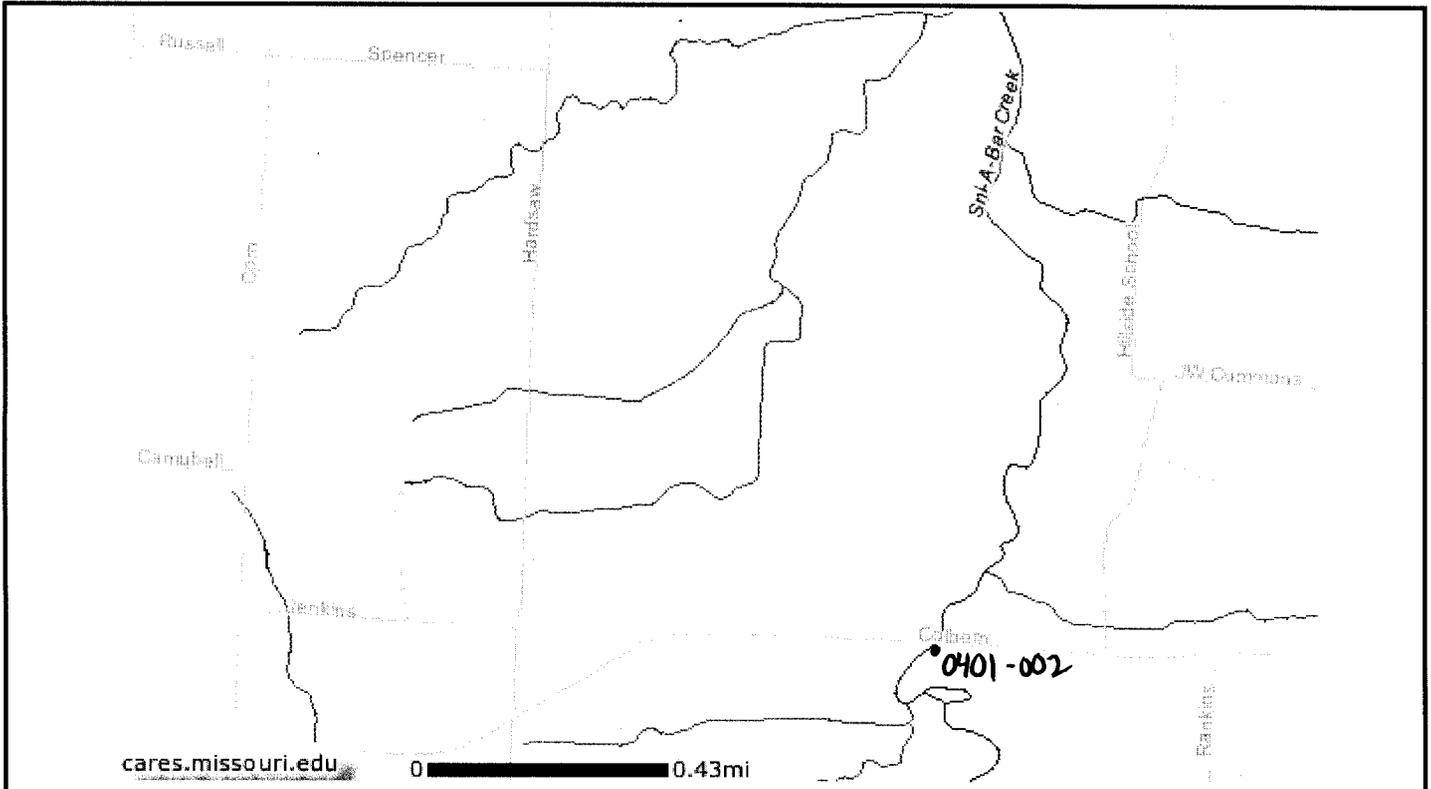
- Water Quality Information System (WQIS)
- Roads and Highways**
  - Interstate
  - U.S. Highway
  - State Numbered Highway
  - State Lettered Highway
  - Principal Road
  - Road or Street
  - Private Road or Drive
- 1:24,000 Rivers and Streams**
  - Perennial Stream/River (cont)
  - Intermittent Stream/River
  - Artificial Path (Approx. Centerline)
  - Undifferentiated Stream/River
  - Canal or Ditch
  - Other Hydrologic Feature
- Incorporated Areas**
  - City
  - Town
  - Village
  - Census Designated Place
  - Other

**Location Map**



Map prepared by:  
<http://cares.missouri.edu>, 6/27/2005.

0401 - 002



**Legend**

- Water Quality Information System (WQIS)
- Roads and Highways**
  - Interstate
  - U.S. Highway
  - State Numbered Highway
  - State Lettered Highway
  - Principal Road
  - Road or Street
  - Private Road or Drive
- 1:24,000 Rivers and Streams**
  - Perennial Stream/River (cont)
  - Intermittent Stream/River
  - Artificial Path (Approx. Centerline)
  - Undifferentiated Stream/River
  - Canal or Ditch
  - Other Hydrologic Feature
- Incorporated Areas**
  - City
  - Town
  - Village
  - Census Designated Place
  - Other

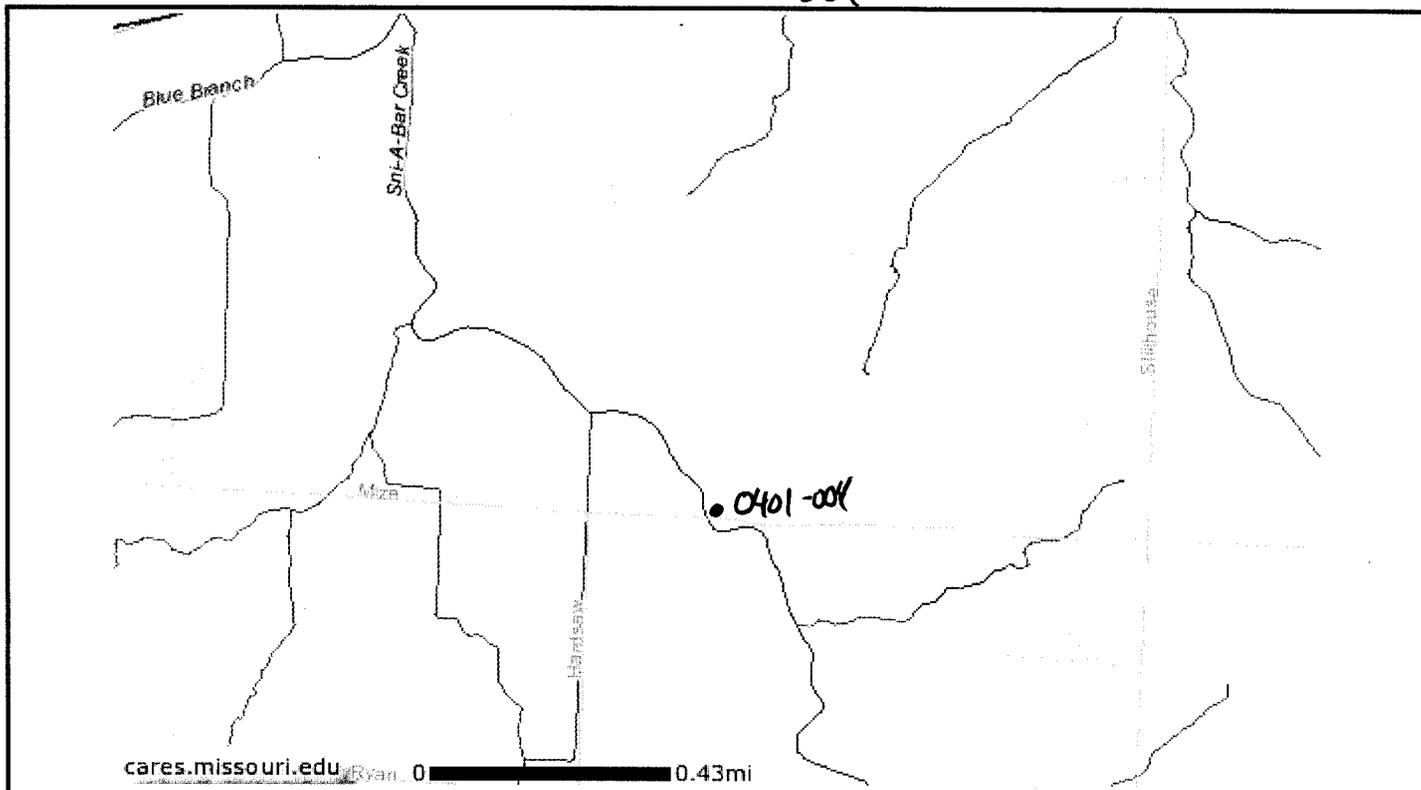
**Location Map**



Map prepared by:  
<http://cares.missouri.edu>, 6/27/2005.



0401-004



**Legend**

● Water Quality Information System (WQIS)

**Roads and Highways**

- Interstate
- U.S. Highway
- State Numbered Highway
- State Lettered Highway
- Principal Road
- Road or Street
- Private Road or Drive

**1:24,000 Rivers and Streams**

- Perennial Stream/River (cont)

- Intermittent Stream/River
- Artificial Path (Approx. Centerline)
- Undifferentiated Stream/River
- Canal or Ditch
- Other Hydrologic Feature

**Incorporated Areas**

- City
- Town
- Village
- Census Designated Place
- Other

**Location Map**



Map prepared by:  
<http://cares.missouri.edu>, 6/27/2005.

**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 #: <b>0401-001</b>		Site Location Description:	
Site GPS Coordinates: <b>N38.90976 W094.15752</b>		<b>Cave Rd.</b>	
Date & Time: <b>8-30-05 8:52 AM</b>		Facility Name: <b>Lone Jack Elem. School / Lone Jack WWTP</b>	
Personnel: <b>Aaron Bleibauer</b>		Permit Number: <b>MO 0097560 / MO 0123579</b>	
Current Weather Conditions: <b>Overcast 80°F</b>		Weather Conditions for Past 7 days: <b>Extremely Dry &amp; Hot</b>	
Photo Ids: Upstream: <b>1-3</b>	Downstream: <b>4-6</b>	Other:	

**Uses Observed\*:**

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

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

**Small Farms nearby. Corn Fields  
Dense vegetation and variety of wildlife  
Tire in stream bed along with broken bottle.  
Mammal tracks**

**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input type="checkbox"/> Other:	

**Evidence of Human Use\*:**

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> 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**

Page Two – WBID # 0401-001      **Data Sheet B - Site Characterization**

**Stream Morphology:**

**Upstream View Physical Dimensions:**

<input checked="" type="checkbox"/> Riffle	Width (ft): <u>2</u>	Length (ft): <u>6</u>	Avg. Depth (ft): <u>1ft</u>	Max. Depth (ft): <u>1ft</u>
<input type="checkbox"/> Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Pool	Width (ft): <u>20</u>	Length (ft): <u>50</u>	Avg. Depth (ft): <u>1.5ft</u>	Max. Depth (ft): <u>2ft</u>
<input checked="" type="checkbox"/> Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Estimated (ft <sup>3</sup> /sec): <u>1.5ft<sup>3</sup>/sec</u>		

**Downstream View Physical Dimensions:**

<input type="checkbox"/> Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input type="checkbox"/> Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Pool	Width (ft): <u>30</u>	Length (ft): <u>150</u>	Avg. Depth (ft): <u>1.5ft</u>	Max. Depth (ft): <u>3ft</u>
<input checked="" type="checkbox"/> Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Estimated (ft <sup>3</sup> /sec): <u>1ft<sup>3</sup>/sec</u>		

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

<u>10</u> % Cobble	<u>20</u> % Gravel	<u>20</u> % Sand	<u>50</u> % Silt	% Mud/Clay	% Bedrock
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**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

Some algae 5%

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

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input checked="" type="checkbox"/> Other: <u>murky in areas</u>
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:

**Comments:** Please attach additional comments (including information from interviews) to this form.

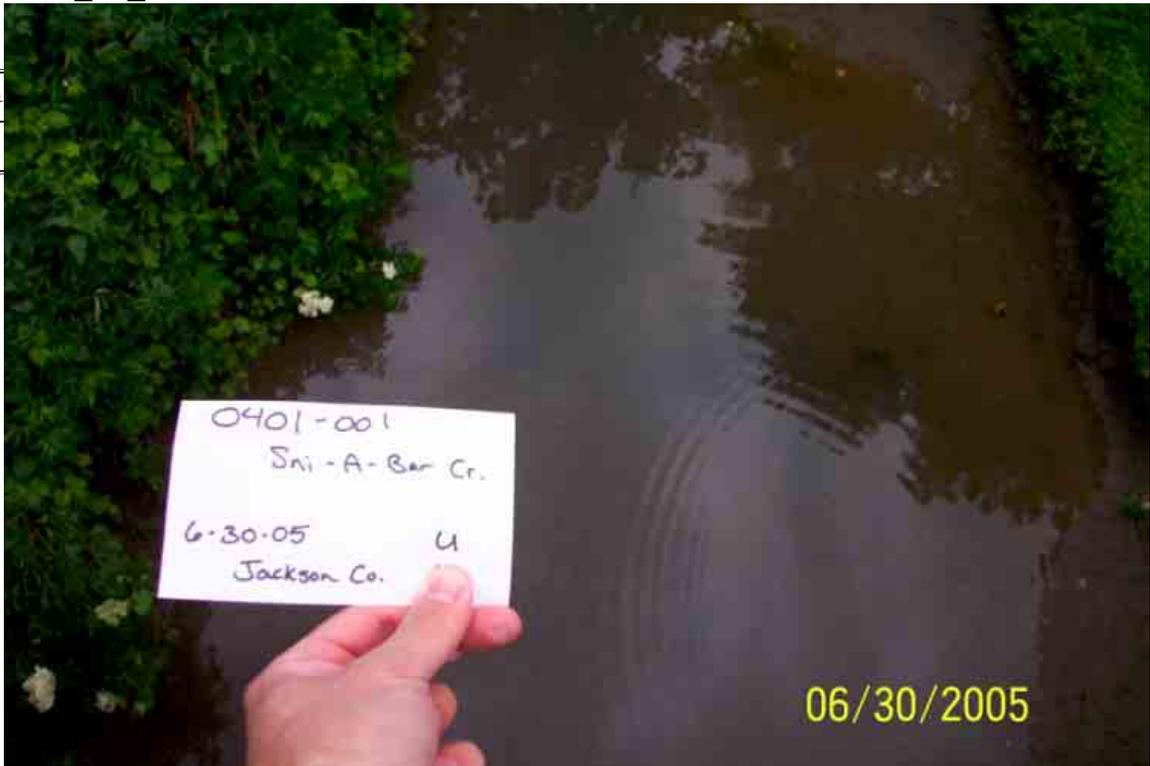
\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions 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: Ross Bleibauer      Date: 6-30-05

Organization: MDNR      Position: Environmental Specialist

0401\_01\_US



0401\_01\_US



0401\_01\_US



0401\_01\_DS



0401\_01\_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 #: <u>0401-002</u>		Site Location Description:	
Site GPS Coordinates: <u>N 38.94092 W 094.6831</u>		<u>Colbern Rd.</u>	
Date & Time: <u>6-30-05 9:30 AM</u>		Facility Name: <u>Lone Jack Elem. School / Lone Jack WWTP</u>	
Personnel: <u>Aaron Bleibaum</u>		Permit Number: <u>MO 0097560 / MO 0123579</u>	
Current Weather Conditions: <u>Rain Shower 80°F</u>		Weather Conditions for Past 7 days: <u>Extremely Dry + Hot</u>	
Photo Ids: Upstream: <u>7-9</u>	Downstream: <u>10-12</u>	Other:	

**Uses Observed\*:**

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

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

Dense Vegetation  
Agriculture use nearby  
Thick wooded area

**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>Wooded area</u>	

**Evidence of Human Use\*:**

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> 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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**Field Data Sheets for Recreational Use Stream Surveys**

Page Two – WBID # 0401-002 Data Sheet B - Site Characterization

**Stream Morphology:**

**Upstream View Physical Dimensions:**

<input type="checkbox"/> Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input type="checkbox"/> Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Pool	Width (ft): <u>45</u>	Length (ft): <u>200</u>	Avg. Depth (ft): <u>2.5ft</u>	Max. Depth (ft): <u>4ft</u>
<input checked="" type="checkbox"/> Flow	Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Estimated (ft <sup>3</sup> /sec): <u>1ft<sup>3</sup>/sec</u>	

**Downstream View Physical Dimensions:**

<input type="checkbox"/> Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input type="checkbox"/> Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Pool	Width (ft): <u>45</u>	Length (ft): <u>200</u>	Avg. Depth (ft): <u>2.5ft</u>	Max. Depth (ft): <u>4ft</u>
<input checked="" type="checkbox"/> Flow	Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Estimated (ft <sup>3</sup> /sec): <u>1ft<sup>3</sup>/sec</u>	

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

<u>5</u> % Cobble	% Gravel	<u>10</u> % Sand	% Silt	<u>85</u> % Mud/Clay	% Bedrock
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**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

No alge growth observed

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

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input checked="" type="checkbox"/> Other: <u>Muddy</u>
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> 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.**

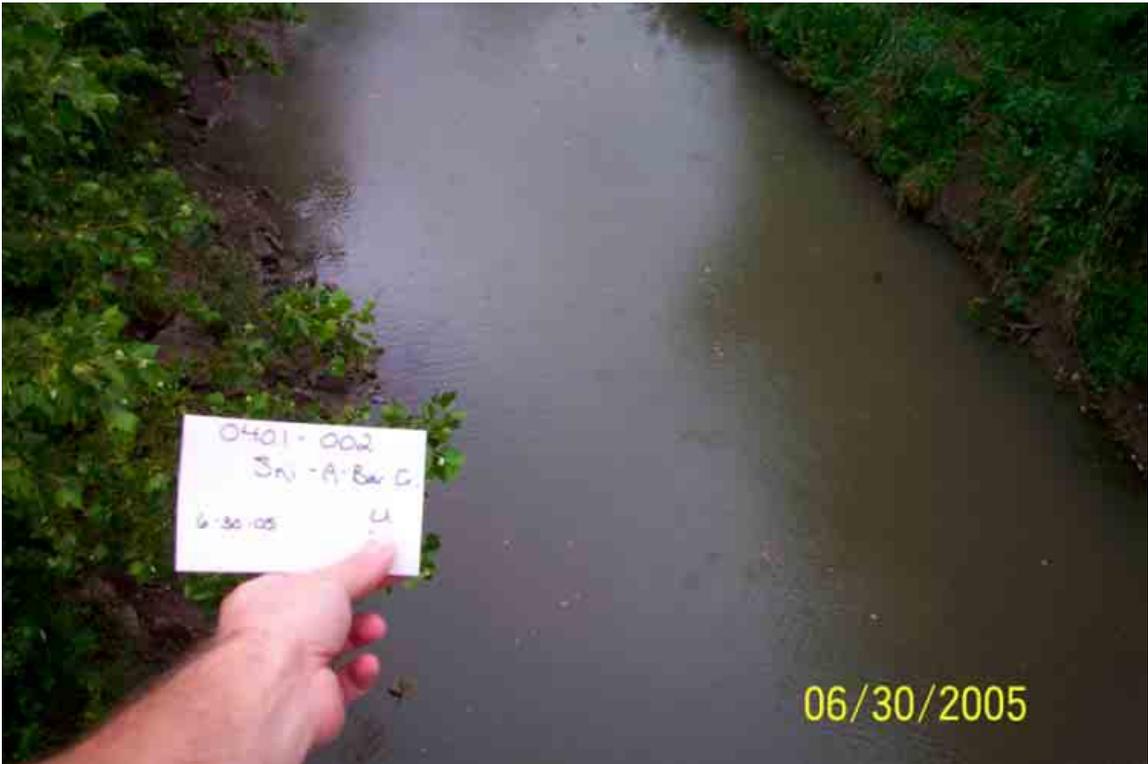
Signed: Ramon Blebaum Date: 6-30-05

Organization: MDNR Position: Environmental Specialist

0401\_02\_US



0401\_02\_US



0401\_02\_US



0401\_02\_DS



0401\_02\_DS



0401\_02\_DS



06/30/2005

**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 #: <b>0401-003</b>	Site Location Description:	
Site GPS Coordinates: <b>N 38.9699° W 094.1706° Nelson Rd.</b>		
Date & Time: <b>6-30-05 9:47 AM</b>	Facility Name: <b>Lone Jack Elem. School / Lone Jack WWTP</b>	
Personnel: <b>Aaron Bleibauer</b>	Permit Number: <b>MO 0097560 / MO 0123579</b>	
Current Weather Conditions: <b>Rain shower 80°F</b>	Weather Conditions for Past 7 days: <b>Extremely Dry + Hot</b>	
Photo Ids: Upstream: <b>13-15</b>	Downstream: <b>16-18</b>	Other:

**Uses Observed\*:**

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input checked="" type="checkbox"/> Other: <b>Trash</b>

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

**Meandering stream area  
Evidence of trash dumping into stream from bridge  
Graffiti on bridge  
Dense vegetation on stream banks. Bean + Corn field surroundings**

**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <b>Accessible in areas from fields</b>	

**Evidence of Human Use\*:**

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: <b>Trash, tires</b>				

**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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**Field Data Sheets for Recreational Use Stream Surveys**

Page Two – WBID # 0401:003      **Data Sheet B - Site Characterization**

**Stream Morphology:**

**Upstream View Physical Dimensions:**

<input checked="" type="checkbox"/> Riffle	Width (ft): <u>30</u>	Length (ft): <u>20</u>	Avg. Depth (ft): <u>1.5ft</u>	Max. Depth (ft): <u>2ft</u>
<input type="checkbox"/> Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Pool	Width (ft): <u>30</u>	Length (ft): <u>200</u>	Avg. Depth (ft): <u>2ft</u>	Max. Depth (ft): <u>3ft</u>
<input checked="" type="checkbox"/> Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Estimated (ft <sup>3</sup> /sec): <u>2ft<sup>3</sup>/sec</u>	

**Downstream View Physical Dimensions:**

<input checked="" type="checkbox"/> Riffle	Width (ft): <u>30</u>	Length (ft): <u>30</u>	Avg. Depth (ft): <u>1.5ft</u>	Max. Depth (ft): <u>2ft</u>
<input type="checkbox"/> Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Pool	Width (ft): <u>30</u>	Length (ft): <u>100</u>	Avg. Depth (ft): <u>1.5ft</u>	Max. Depth (ft): <u>3ft</u>
<input checked="" type="checkbox"/> Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Estimated (ft <sup>3</sup> /sec): <u>2ft<sup>3</sup>/sec</u>	

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

<u>20</u> % Cobble	<u>20</u> % Gravel	% Sand	% Silt	<u>40</u> % Mud/Clay	% Bedrock
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**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

2% algae, thick vegetation on banks

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

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input checked="" type="checkbox"/> Other: <u>muddy</u>
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> 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.**

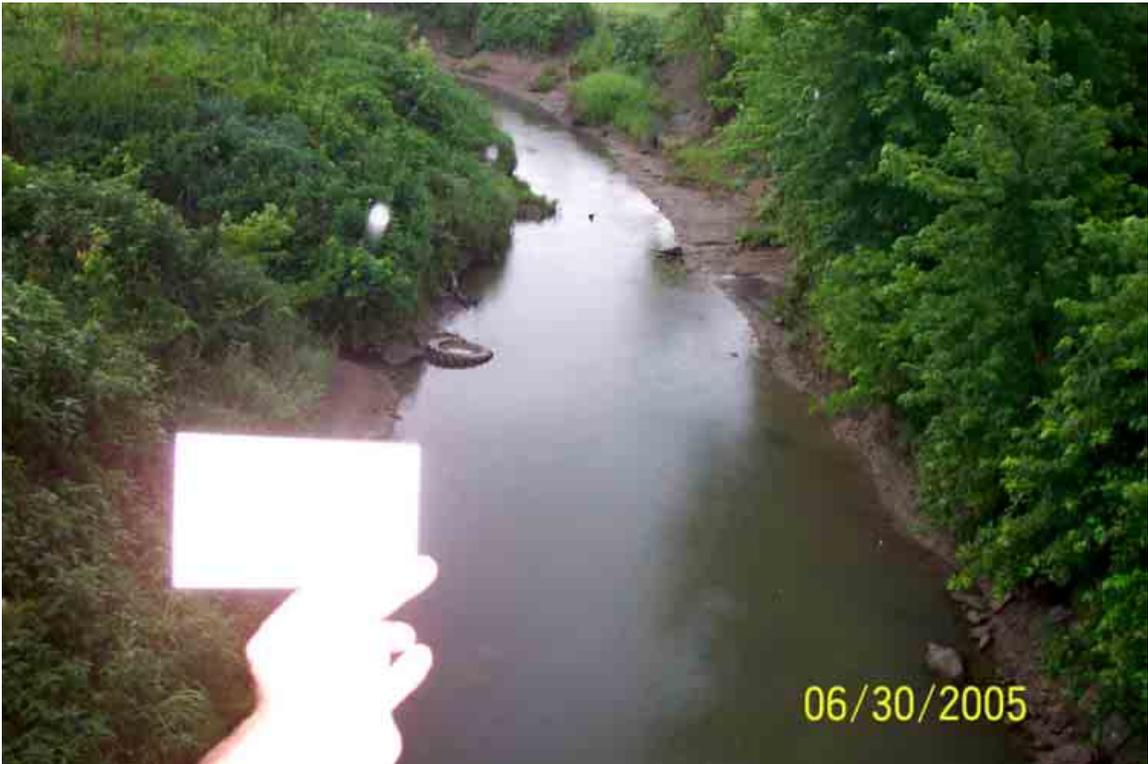
Signed: Ramon Blehman      Date: 6-30-05

Organization: MDNR      Position: Environmental Specialist

0401\_03\_US



0401\_03\_US



0401\_03\_US



0401\_03\_DS



0401\_03\_DS





06/30/2005

**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 #: <i>0401-004</i>		Site Location Description: <i>R.D. Mize</i>	
Site GPS Coordinates:			
Date & Time: <i>6-30-05 10:21 AM</i>		Facility Name: <i>Lone Jack Elem. School / Lone Jack WWTP</i>	
Personnel: <i>Aaron Bleibauer</i>		Permit Number: <i>MO 0077560 / MO 0123579</i>	
Current Weather Conditions: <i>Rain Shower 84°F</i>		Weather Conditions for Past 7 days: <i>Extremely Dry + Hot</i>	
Photo Ids: Upstream: <i>19-21</i>	Downstream: <i>22-24</i>	Other:	

**Uses Observed\*:**

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input checked="" type="checkbox"/> Other: <i>Horse Riding</i>

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

*Monkey Mtn. Natural Preserve  
- Jackson County Parks and Recreation*

**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input checked="" type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input checked="" type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input checked="" type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <i>Horseback riding trails</i>	

**Evidence of Human Use\*:**

<input checked="" type="checkbox"/> Roads	<input checked="" type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input checked="" type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: <i>Horse trails/tracks</i>				

**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**

Page Two – WBID # 0401-204 Data Sheet B - Site Characterization

**Stream Morphology:**

**Upstream View Physical Dimensions:**

<input type="checkbox"/> Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input type="checkbox"/> Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Pool	Width (ft): <u>45</u>	Length (ft): <u>200</u>	Avg. Depth (ft): <u>3ft</u>	Max. Depth (ft): <u>4ft</u>
<input checked="" type="checkbox"/> Flow	Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Estimated (ft <sup>3</sup> /sec):	<u>2A<sup>3</sup>/sec</u>

**Downstream View Physical Dimensions:**

<input checked="" type="checkbox"/> Riffle	Width (ft): <u>30</u>	Length (ft): <u>30</u>	Avg. Depth (ft): <u>1.5ft</u>	Max. Depth (ft): <u>2ft</u>
<input type="checkbox"/> Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Pool	Width (ft): <u>30</u>	Length (ft): <u>70</u>	Avg. Depth (ft): <u>2ft</u>	Max. Depth (ft): <u>3ft</u>
<input checked="" type="checkbox"/> Flow	Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Estimated (ft <sup>3</sup> /sec):	<u>4ft<sup>3</sup>/sec</u>

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

<u>40</u> % Cobble	<u>10</u> % Gravel	% Sand	% Silt	<u>50</u> % Mud/Clay	% Bedrock
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**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

2% Algae

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

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input checked="" type="checkbox"/> Other: <u>muddy</u>
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> 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: *Ann Blatman* Date: 6/30/05

Organization: MDNR Position: Environmental Specialist

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