

Use Attainability Analysis

for

WBID 0786 Petite Saline Creek

Submitted by

SES, Inc.

To

Missouri Department of Natural Resources

Water Protection Program

Date Received: September 10, 2007

**Field Data Sheets for Recreation Use Stream Surveys**  
**Data Sheet A - Water Body Identification**  
 (For water body being surveyed)

**Water Body Information**

Water Body Name:	Petite Saline	WBID:	786
8 digit HUC code:	10300102	County:	Cooper
Upstream Legal Description	T48N	R17W	Sec 23
Downstream Legal Description	T46N	R18W	Sec 26
Number of Sites Evaluated	7		
List all site numbers, listed upstream to downstream			
	7	6	5
		4	3
			2
			1

**Discharger Facility Information**

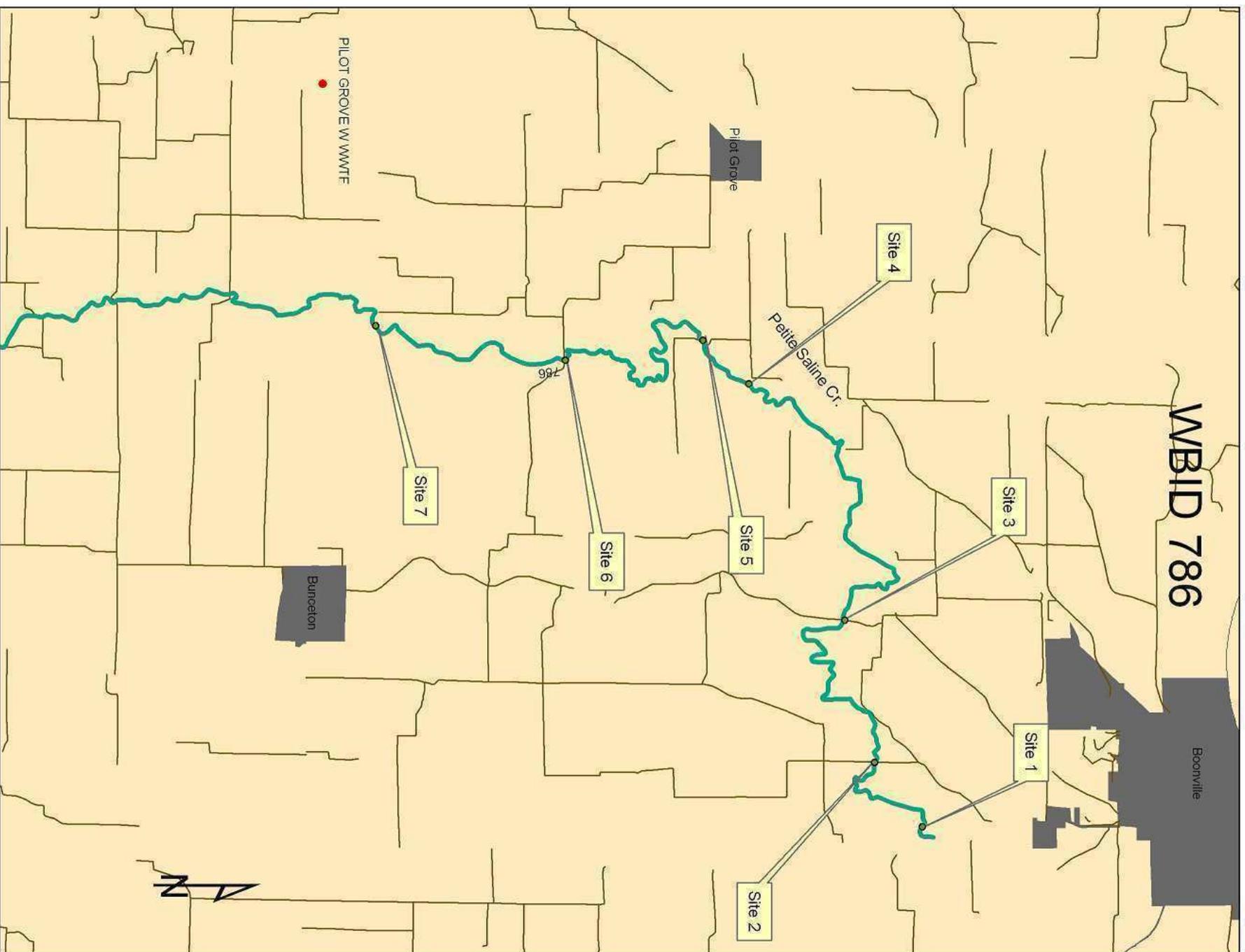
Discharger Facility Name(s):	Pilot Grove E WWTF
Discharger Permit Number(s):	MO 0093076

**UAA Surveyor**

Name of Surveyor: Gilisa Gould	Telephone Number: 9133070046
Organization/Employer: SES, Inc.	
Position: Field Team Leader	

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

# WBID 786



**Field Data Sheets for Recreational Use Stream Surveys  
Data Sheet B - Site Characterization  
(must be completed for each site)**

WBID                    786  
Site #                    1

Date and Time:        8.03.07        1:00 PM

Current Weather Conditions        clear

Weather Conditions for Past 10 days:        0.3 inches was maximum rainfall

Drought Conditions? No

Site Location (e.g. road crossing)        Osage Valley

GPS Mark:                    30

Upstream Photo                    8                    Downstream Photo                    7

**Uses Observed (Uses actually observed at time of survey) Circle**

Swimming	Skin Diving	SCUBA diving	Tubing
Water Skiing	Wind Surfing	Kayaking	Boating
Wading	Rafting	Hunting	Trapping
Fishing	<u><b>None of the Above</b></u>	Other	

**Surrounding Conditions**

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	<u><b>None of the Above</b></u>	Other	

**Indications of Human Use**

Roads	Rope swings	Foot paths/prints	Dock/platform
Livestock Watering	RV/ATV Tracks	Camping Sites	Fire pit/ring
NPDES Discharge	Fishing Tackle	Other:	



**Data Sheet C: Cross-Sectional Depth Measurements (for estimation of median depth)**  
**(Median Depth Shown in Bold)**

Site # 1

Mark # 30

WBID # 786

	Depth (m)
<b>Transect 1</b>	0.15
Substrate:	0.20
clay	0.35
Water Clarity:	0.40
some	0.30
Channel Feature:	0.30
pool	0.35
Channel Width:	0.35
8.00	0.30
<b>0.30</b>	<b>0.25</b>
<b>Transect 2</b>	0.10
Substrate:	0.15
gravely clay	0.20
Water Clarity:	0.35
some	0.40
Channel Feature:	0.50
pool	0.50
Channel Width:	0.50
8.00	0.55
<b>0.38</b>	<b>0.35</b>
<b>Transect 3</b>	0.30
Substrate:	0.35
gravel	0.40
Water Clarity:	0.60
some	0.65
Channel Feature:	0.70
pool	0.70
Channel Width:	0.55
5.00	0.40
<b>0.48</b>	<b>0.20</b>
<b>Transect 4</b>	0.10
Substrate:	0.20
clay	0.30
Water Clarity:	0.20
some	0.10
Channel Feature:	0.05
pool	0.10
Channel Width:	0.20
7.00	0.25
<b>0.20</b>	<b>0.30</b>

	Depth (m)
<b>Transect 5</b>	0.10
Substrate:	0.25
silt/ plant debris	0.40
Water Clarity:	0.50
none	0.65
Channel Feature:	0.65
pool	0.60
Channel Width:	0.55
7.00	0.45
<b>0.48</b>	<b>0.35</b>
<b>Transect 6</b>	0.10
Substrate:	0.10
clay	0.10
Water Clarity:	0.40
none	0.40
Channel Feature:	0.45
pool	0.65
Channel Width:	0.70
8.00	0.70
<b>0.40</b>	<b>0.40</b>
<b>Transect 7</b>	0.05
Substrate:	0.00
clay	0.00
Water Clarity:	0.00
clear	0.20
Channel Feature:	0.35
pool	0.40
Channel Width:	0.30
6.00	0.25
<b>0.20</b>	<b>0.20</b>
<b>Transect 8</b>	0.25
Substrate:	0.35
clay	0.35
Water Clarity:	0.40
some	0.30
Channel Feature:	0.20
pool	0.25
Channel Width:	0.20
5.00	0.15
<b>0.25</b>	<b>0.10</b>

	Depth (m)
<b>Transect 9</b>	0.20
Substrate:	0.20
silt	0.25
Water Clarity:	0.25
some	0.30
Channel Feature:	0.40
pool	0.45
Channel Width:	0.40
8.00	0.30
<b>0.28</b>	<b>0.20</b>
<b>Transect 10</b>	0.35
Substrate:	0.45
silty clay	0.60
Water Clarity:	0.50
some	0.50
Channel Feature:	0.60
pool	0.50
Channel Width:	0.30
9.00	0.20
<b>0.48</b>	<b>0.30</b>
<b>Transect 11</b>	0.20
Substrate:	0.25
silty clay	0.30
Water Clarity:	0.60
some	0.70
Channel Feature:	0.75
pool	0.80
Channel Width:	0.60
9.00	0.40
<b>0.50</b>	<b>0.20</b>

<b>Site Median</b>	<b>Site Maximum</b>
<b>0.33</b>	<b>0.80</b>

**Field Data Sheets for Recreational Use Stream Surveys**  
**Data Sheet B - Site Characterization**  
**(must be completed for each site)**

WBID                    786  
 Site #                    2

Date and Time:            8/3/2007                    1:50 PM

Current Weather Conditions    cloudy

Weather Conditions for Past 10 days:    0.3 inches was maximum rainfall

Drought Conditions? No

Site Location (e.g. road crossing)    gg

GPS Mark:                    31

Upstream Photo                    9                    Downstream Photo                    10

**Uses Observed (Uses actually observed at time of survey) Circle**

Swimming	Skin Diving	SCUBA diving	Tubing
Water Skiing	Wind Surfing	Kayaking	Boating
Wading	Rafting	Hunting	Trapping
Fishing	<u><b>None of the Above</b></u>	Other	

**Surrounding Conditions**

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	<u><b>None of the Above</b></u>	Other	

**Indications of Human Use**

Roads	Rope swings	Foot paths/prints	Dock/platform
Livestock Watering	RV/ATV Tracks	Camping Sites	Fire pit/ring
NPDES Discharge	Fishing Tackle	Other:	



**Data Sheet C: Cross-Sectional Depth Measurements (for estimation of median depth)**  
**(Median Depth Shown in Bold)**

Site # 2

Mark # 31

WBID # 786

	Depth (m)
<b>Transect 1</b>	0.25
Substrate:	0.55
silt	0.70
Water Clarity:	0.60
none	0.60
Channel Feature:	0.55
pool	0.40
Channel Width:	0.30
7.00	0.15
<b>0.48</b>	<b>0.05</b>
<b>Transect 2</b>	0.10
Substrate:	0.25
silt	0.60
Water Clarity:	0.65
none	0.55
Channel Feature:	0.45
pool	0.40
Channel Width:	0.25
7.00	0.10
<b>0.33</b>	<b>0.05</b>
<b>Transect 3</b>	0.20
Substrate:	0.35
silt	0.40
Water Clarity:	0.60
none	0.70
Channel Feature:	0.70
pool	0.70
Channel Width:	0.55
8.00	0.50
<b>0.53</b>	<b>0.20</b>
<b>Transect 4</b>	0.10
Substrate:	0.15
silt	0.25
Water Clarity:	0.25
none	0.40
Channel Feature:	0.55
pool	0.55
Channel Width:	0.60
5.00	0.20
<b>0.25</b>	<b>0.15</b>

	Depth (m)
<b>Transect 5</b>	0.05
Substrate:	0.05
silt	0.35
Water Clarity:	0.50
none	0.45
Channel Feature:	0.45
riffle	0.35
Channel Width:	0.30
5.00	0.30
<b>0.33</b>	<b>0.20</b>
<b>Transect 6</b>	0.10
Substrate:	0.25
silt	0.20
Water Clarity:	0.05
none	0.00
Channel Feature:	0.00
pool	0.00
Channel Width:	0.00
6.00	0.05
<b>0.05</b>	<b>0.30</b>
<b>Transect 7</b>	0.40
Substrate:	0.70
silt	0.85
Water Clarity:	1.00
none	1.00
Channel Feature:	1.00
pool	0.70
Channel Width:	0.40
8.00	0.20
<b>0.70</b>	<b>0.15</b>
<b>Transect 8</b>	0.00
Substrate:	0.00
silt	0.00
Water Clarity:	0.00
none	0.00
Channel Feature:	0.00
pool	0.00
Channel Width:	0.00
18.00	0.00
<b>0.00</b>	<b>0.00</b>

	Depth (m)
<b>Transect 9</b>	0.00
Substrate:	0.00
silt	0.00
Water Clarity:	0.00
none	0.00
Channel Feature:	0.00
pool	0.00
Channel Width:	0.00
18.00	0.00
<b>0.00</b>	<b>0.00</b>
<b>Transect 10</b>	0.00
Substrate:	0.00
silt	0.00
Water Clarity:	0.00
none	0.00
Channel Feature:	0.00
pool	0.00
Channel Width:	0.00
18.00	0.00
<b>0.00</b>	<b>0.00</b>
<b>Transect 11</b>	0.00
Substrate:	0.00
silt	0.00
Water Clarity:	0.00
none	0.00
Channel Feature:	0.00
pool	0.00
Channel Width:	0.00
18.00	0.00
<b>0.00</b>	<b>0.00</b>

**Pic#13 is for the last four transects**

<b>Site Median</b>	<b>Site Maximum</b>
<b>0.15</b>	<b>1.00</b>

**Field Data Sheets for Recreational Use Stream Surveys**  
**Data Sheet B - Site Characterization**  
**(must be completed for each site)**

WBID                    786  
 Site #                    3

Date and Time:            8/3/2007

Current Weather Conditions      cloudy

Weather Conditions for Past 10 days:      0.3 inches was maximum rainfall

Drought Conditions? No

Site Location (e.g. road crossing)      Speed Road

GPS Mark:                    32

Upstream Photo                    11                    Downstream Photo                    12

**Uses Observed (Uses actually observed at time of survey) Circle**

Swimming	Skin Diving	SCUBA diving	Tubing
Water Skiing	Wind Surfing	Kayaking	Boating
Wading	Rafting	Hunting	Trapping
Fishing	<u><b>None of the Above</b></u>	Other	

**Surrounding Conditions**

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	<u><b>None of the Above</b></u>	Other	

**Indications of Human Use**

Roads	Rope swings	Foot paths/prints	Dock/platform
Livestock Watering	RV/ATV Tracks	Camping Sites	Fire pit/ring
NPDES Discharge	Fishing Tackle	Other:	



**Data Sheet C: Cross-Sectional Depth Measurements (for estimation of median depth)**  
**(Median Depth Shown in Bold)**

Site # 3

Mark # 32

WBID # 786

	Depth (m)
<b>Transect 1</b>	0.10
Substrate:	0.20
silt	0.15
Water Clarity:	0.15
some	0.25
Channel Feature:	0.25
pool	0.30
Channel Width:	0.40
8 yards	0.30
<b>0.25</b>	<b>0.25</b>
<b>Transect 2</b>	0.25
Substrate:	0.60
silty clay	0.80
Water Clarity:	0.70
none	0.55
Channel Feature:	0.50
pool	0.60
Channel Width:	0.80
8 yards	0.60
<b>0.60</b>	<b>0.30</b>
<b>Transect 3</b>	0.30
Substrate:	0.45
silty clay	0.40
Water Clarity:	0.55
none	0.75
Channel Feature:	0.75
pool	0.60
Channel Width:	0.45
8 yards	0.35
<b>0.45</b>	<b>0.30</b>
<b>Transect 4</b>	0.25
Substrate:	0.45
silty clay	0.60
Water Clarity:	0.50
none	0.40
Channel Feature:	0.40
pool	0.40
Channel Width:	0.30
6 yards	0.15
<b>0.40</b>	<b>0.10</b>

	Depth (m)
<b>Transect 5</b>	0.20
Substrate:	0.25
silty clay	0.20
Water Clarity:	0.15
none	0.40
Channel Feature:	0.45
pool	0.65
Channel Width:	0.60
4 yards	0.40
<b>0.33</b>	<b>0.20</b>
<b>Transect 6</b>	0.25
Substrate:	0.40
silty clay	0.50
Water Clarity:	0.60
none	0.45
Channel Feature:	0.40
pool	0.50
Channel Width:	0.35
6 yards	0.40
<b>0.40</b>	<b>0.25</b>
<b>Transect 7</b>	0.50
Substrate:	0.60
clay	0.50
Water Clarity:	0.60
none	0.60
Channel Feature:	0.60
pool	0.70
Channel Width:	0.60
7 yards	0.45
<b>0.60</b>	<b>0.25</b>
<b>Transect 8</b>	0.30
Substrate:	0.50
clay	0.55
Water Clarity:	0.55
none	0.35
Channel Feature:	0.45
pool	0.50
Channel Width:	0.45
9 yards	0.40
<b>0.45</b>	<b>0.25</b>

	Depth (m)
<b>Transect 9</b>	0.15
Substrate:	0.40
clay	0.70
Water Clarity:	0.80
none	0.60
Channel Feature:	0.60
pool	0.55
Channel Width:	0.55
5 yards	0.45
<b>0.55</b>	<b>0.30</b>
<b>Transect 10</b>	0.60
Substrate:	0.70
silty clay	0.70
Water Clarity:	0.60
none	0.60
Channel Feature:	0.55
pool	0.60
Channel Width:	0.50
7 yards	0.50
<b>0.60</b>	<b>0.30</b>
<b>Transect 11</b>	0.05
Substrate:	0.20
clay	0.20
Water Clarity:	0.20
silty clay	0.40
Channel Feature:	0.40
pool	0.45
Channel Width:	0.50
6 yards	0.35
<b>0.33</b>	<b>0.30</b>
<b>Site Median</b>	<b>Site Maximum</b>
<b>0.45</b>	<b>0.80</b>





**Data Sheet C: Cross-Sectional Depth Measurements (for estimation of median depth)**  
**(Median Depth Shown in Bold)**

Site # 4

Mark # 33

WBID # 786

	Depth (m)
<b>Transect 1</b>	0.05
Substrate:	0.10
cobbly gravel	0.30
Water Clarity:	0.45
none	0.70
Channel Feature:	0.60
pool	0.55
Channel Width:	0.55
9 yards	0.35
<b>0.40</b>	<b>0.10</b>
<b>Transect 2</b>	0.05
Substrate:	0.20
cobble	0.25
Water Clarity:	0.30
some	0.30
Channel Feature:	0.35
pool	0.35
Channel Width:	0.25
7 yards	0.10
<b>0.25</b>	<b>0.00</b>
<b>Transect 3</b>	0.00
Substrate:	0.10
cobble	0.25
Water Clarity:	0.25
some	0.40
Channel Feature:	0.60
pool	0.65
Channel Width:	0.70
15 yards	0.75
<b>0.50</b>	<b>0.60</b>
<b>Transect 4</b>	0.00
Substrate:	0.25
cobble	0.30
Water Clarity:	0.50
none	0.60
Channel Feature:	0.65
pool	0.90
Channel Width:	0.50
10 yards	0.40
<b>0.45</b>	<b>0.40</b>

	Depth (m)
<b>Transect 5</b>	0.25
Substrate:	0.30
gravel	0.45
Water Clarity:	0.90
none	1.00
Channel Feature:	1.00
pool	1.00
Channel Width:	1.00
15 yards	0.35
<b>0.68</b>	<b>0.20</b>
<b>Transect 6</b>	0.05
Substrate:	0.10
gravel	0.35
Water Clarity:	0.45
none	0.50
Channel Feature:	0.55
pool	0.55
Channel Width:	0.55
14 yards	0.40
<b>0.43</b>	<b>0.25</b>
<b>Transect 7</b>	0.00
Substrate:	0.00
gravel	0.10
Water Clarity:	0.10
none	0.15
Channel Feature:	0.10
pool	0.10
Channel Width:	0.01
5 yards	0.05
<b>0.08</b>	<b>0.00</b>
<b>Transect 8</b>	0.10
Substrate:	0.20
gravel	0.50
Water Clarity:	0.55
none	0.45
Channel Feature:	0.40
pool	0.30
Channel Width:	0.15
6 yards	0.05
<b>0.25</b>	<b>0.00</b>

	Depth (m)	
<b>Transect 9</b>	0.25	
Substrate:	0.60	
gravel	1.00	
Water Clarity:	1.00	
none	1.00	
Channel Feature:	1.00	
pool	1.00	
Channel Width:	1.00	
15 yards	1.00	
<b>1.00</b>	<b>1.00</b>	
<b>Transect 10</b>	0.15	
Substrate:	0.65	
gravel	1.00	
Water Clarity:	1.00	
none	1.00	
Channel Feature:	1.00	
pool	1.00	
Channel Width:	1.00	
15 yards	1.00	
<b>1.00</b>	<b>0.45</b>	
<b>Transect 11</b>	0.10	
Substrate:	0.30	
gravel	0.40	
Water Clarity:	0.50	
none	0.55	
Channel Feature:	0.55	
run	0.50	
Channel Width:	0.65	
6 yards	0.60	
<b>0.50</b>	<b>0.05</b>	
<b>Site Median</b>	<b>0.40</b>	<b>Site Maximum</b>
		<b>1.00</b>

**Field Data Sheets for Recreational Use Stream Surveys**  
**Data Sheet B - Site Characterization**  
**(must be completed for each site)**

WBID                    786  
 Site #                    5

Date and Time:            8/20/2007                    1:00 PM

Current Weather Conditions      cloudy

Weather Conditions for Past 10 days:      0.3 inches was maximum rainfall

Drought Conditions? No

Site Location (e.g. road crossing)      Mile Corner Road

GPS Mark:                    34

Upstream Photo                    3                    Downstream Photo                    4

**Uses Observed (Uses actually observed at time of survey) Circle**

Swimming	Skin Diving	SCUBA diving	Tubing
Water Skiing	Wind Surfing	Kayaking	Boating
Wading	Rafting	Hunting	Trapping
Fishing	<b><u>None of the Above</u></b>	Other	

**Surrounding Conditions**

City/county parks	Playgrounds	MDC conservation lands	Urban areas
Campgrounds	Boating accesses	State parks	National Forests
Nature trails	Stairs/walkway	<b><u>No trespass sign</u></b>	Fence
Steep slopes	None of the Above	<b><u>Other</u></b>	<b><u>Farmland</u></b>

**Indications of Human Use**

Roads	Rope swings	Foot paths/prints	Dock/platform
Livestock Watering	RV/ATV Tracks	Camping Sites	Fire pit/ring
NPDES Discharge	<b><u>Fishing Tackle</u></b>	Other:	



**Data Sheet C: Cross-Sectional Depth Measurements (for estimation of median depth)**  
**(Median Depth Shown in Bold)**

Site # 5

Mark #34

WBID # 786

	Depth (m)		Depth (m)		Depth (m)
<b>Transect 1</b>	0.00	<b>Transect 5</b>	0.20	<b>Transect 9</b>	0.10
Substrate:	0.00	Substrate:	0.40	Substrate:	0.50
cobble	0.05	cobble	0.35	cobbly silt	0.70
Water Clarity:	0.05	Water Clarity:	0.25	Water Clarity:	1.00
clear	0.00	clear	0.10	none	1.00
Channel Feature:	0.00	Channel Feature:	0.10	Channel Feature:	1.00
riffle	0.00	riffle	0.10	pool	1.00
Channel Width:	0.05	Channel Width:	0.05	Channel Width:	1.00
6.00	0.05	9.00	0.00	23.00	1.00
<b>0.00</b>	<b>0.00</b>	<b>0.10</b>	<b>0.00</b>	<b>1.00</b>	<b>1.00</b>
<b>Transect 2</b>	0.10	<b>Transect 6</b>	0.00	<b>Transect 10</b>	0.00
Substrate:	0.30	Substrate:	0.00	Substrate:	0.00
cobble	0.25	cobble	0.00	cobble	0.00
Water Clarity:	0.10	Water Clarity:	0.05	Water Clarity:	0.00
clear	0.05	clear	0.05	clear	0.00
Channel Feature:	0.00	Channel Feature:	0.00	Channel Feature:	0.00
riffle	0.10	riffle	0.00	riffle	0.15
Channel Width:	0.10	Channel Width:	0.05	Channel Width:	0.15
14.00	0.05	3.00	0.00	5.00	0.05
<b>0.10</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Transect 3</b>	0.00	<b>Transect 7</b>	0.05	<b>Transect 11</b>	0.15
Substrate:	0.00	Substrate:	0.20	Substrate:	0.20
cobble	0.10	cobble	0.50	cobble	0.15
Water Clarity:	0.20	Water Clarity:	0.70	Water Clarity:	0.15
clear	0.25	none	0.80	clear	0.10
Channel Feature:	0.30	Channel Feature:	0.90	Channel Feature:	0.20
pool	0.40	pool	0.90	riffle	0.15
Channel Width:	0.50	Channel Width:	0.90	Channel Width:	0.10
12.00	0.50	10.00	0.90	7.00	0.05
<b>0.28</b>	<b>0.35</b>	<b>0.85</b>	<b>0.90</b>	<b>0.15</b>	<b>0.00</b>
<b>Transect 4</b>	0.05	<b>Transect 8</b>	0.15	<b>Site Median</b>	<b>Site Maximum</b>
Substrate:	0.00	Substrate:	0.55	<b>0.10</b>	<b>1.00</b>
cobble	0.00	cobble	0.60		
Water Clarity:	0.00	Water Clarity:	0.60		
clear	0.10	none	0.80		
Channel Feature:	0.55	Channel Feature:	0.95		
pool	0.70	pool	1.00		
Channel Width:	0.90	Channel Width:	1.00		
12.00	0.90	15.00	0.55		
<b>0.33</b>	<b>0.80</b>	<b>0.60</b>	<b>0.50</b>		

**Field Data Sheets for Recreational Use Stream Surveys  
Data Sheet B - Site Characterization  
(must be completed for each site)**

WBID 786  
Site # 6

Date and Time: 8/20/2007

Current Weather Conditions cloudy

Weather Conditions for Past 10 days: 0.3 inches was maximum rainfall

Drought Conditions? No

Site Location (e.g. road crossing) Bellair Road

GPS Mark: 35

Upstream Photo 5 Downstream Photo 6

**Uses Observed (Uses actually observed at time of survey) Circle**

Swimming	Skin Diving	SCUBA diving	Tubing
Water Skiing	Wind Surfing	Kayaking	Boating
Wading	Rafting	Hunting	Trapping
Fishing	<u><b>None of the Above</b></u>	Other	

**Surrounding Conditions**

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	<u><b>None of the Above</b></u>	Other	

**Indications of Human Use**

Roads	Rope swings	Foot paths/prints	Dock/platform
Livestock Watering	<u><b>RV/ATV Tracks Pic #27</b></u>	Camping Sites	Fire pit/ring
NPDES Discharge	Fishing Tackle	Other:	



**Data Sheet C: Cross-Sectional Depth Measurements (for estimation of median depth)**  
**(Median Depth Shown in Bold)**

Site # 6

Mark # 35

WBID # 786

	Depth (m)		Depth (m)		Depth (m)
<b>Transect 1</b>	0.05	<b>Transect 5</b>	0.00	<b>Transect 9</b>	0.00
Substrate:	0.15	Substrate:	0.10	Substrate:	0.10
cobble	0.25	gravel	0.30	cobbly gravel	0.25
Water Clarity:	0.30	Water Clarity:	0.50	Water Clarity:	0.30
none	0.45	none	0.50	none	0.20
Channel Feature:	0.45	Channel Feature:	0.50	Channel Feature:	0.15
pool	0.45	pool	0.45	pool	0.10
Channel Width:	0.35	Channel Width:	0.40	Channel Width:	0.10
7.00	0.45	9.00	0.40	6.00	0.10
<b>0.33</b>	<b>0.30</b>	<b>0.40</b>	<b>0.40</b>	<b>0.10</b>	<b>0.05</b>
<b>Transect 2</b>	0.00	<b>Transect 6</b>	0.50	<b>Transect 10</b>	0.00
Substrate:	0.05	Substrate:	0.10	Substrate:	0.25
cobble	0.10	gravel	0.40	gravel	0.50
Water Clarity:	0.05	Water Clarity:	0.35	Water Clarity:	0.70
clear	0.05	some	0.30	none	1.00
Channel Feature:	0.00	Channel Feature:	0.30	Channel Feature:	1.00
riffle	0.00	pool	0.45	pool	1.00
Channel Width:	0.00	Channel Width:	0.45	Channel Width:	1.00
5.00	0.15	9.00	0.50	7.00	1.00
<b>0.05</b>	<b>0.05</b>	<b>0.43</b>	<b>0.45</b>	<b>1.00</b>	<b>1.00</b>
<b>Transect 3</b>	0.00	<b>Transect 7</b>	0.10	<b>Transect 11</b>	0.10
Substrate:	0.00	Substrate:	0.30	Substrate:	0.00
cobble	0.00	gravel	0.50	gravel	0.00
Water Clarity:	0.05	Water Clarity:	0.60	Water Clarity:	0.30
clear	0.05	none	0.65	none	0.50
Channel Feature:	0.10	Channel Feature:	0.75	Channel Feature:	0.65
run	0.10	pool	0.90	pool/riffle	0.40
Channel Width:	0.05	Channel Width:	0.70	Channel Width:	0.45
3.00	0.00	7.00	0.65	17.00	0.30
<b>0.03</b>	<b>0.00</b>	<b>0.63</b>	<b>0.50</b>	<b>0.30</b>	<b>0.30</b>
<b>Transect 4</b>	0.10	<b>Transect 8</b>	0.05	<b>Site Median</b>	<b>Site Maximum</b>
Substrate:	0.25	Substrate:	0.10	<b>0.30</b>	<b>1.00</b>
gravel	0.35	cobbly gravel	0.05		
Water Clarity:	0.40	Water Clarity:	0.05		
none	0.40	clear	0.00		
Channel Feature:	0.45	Channel Feature:	0.00		
run	0.50	riffle	0.00		
Channel Width:	0.55	Channel Width:	0.00		
9.00	0.45	7.00	0.10		
<b>0.40</b>	<b>0.20</b>	<b>0.05</b>	<b>0.10</b>		

**Field Data Sheets for Recreational Use Stream Surveys**  
**Data Sheet B - Site Characterization**  
**(must be completed for each site)**

WBID                    786  
 Site #                    7

Date and Time:            8/20/2007                    3:30 PM

Current Weather Conditions                    cloudy

Weather Conditions for Past 10 days:            0.3 inches was maximum rainfall

Drought Conditions? No

Site Location (e.g. road crossing)                    highway E

GPS Mark:                    36

Upstream Photo                    28                    Downstream Photo                    29

**Uses Observed (Uses actually observed at time of survey) Circle**

Swimming	Skin Diving	SCUBA diving	Tubing
Water Skiing	Wind Surfing	Kayaking	Boating
Wading	Rafting	Hunting	Trapping
Fishing	<b><u>None of the Above</u></b>	Other	

**Surrounding Conditions**

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	<b><u>None of the Above</u></b>	Other	

**Indications of Human Use**

Roads	Rope swings	Foot paths/prints	Dock/platform
Livestock Watering	RV/ATV Tracks	Camping Sites	Fire pit/ring
NPDES Discharge	Fishing Tackle	Other:	



**Data Sheet C: Cross-Sectional Depth Measurements (for estimation of median depth)**  
**(Median Depth Shown in Bold)**

Site # 7

Mark # 36

WBID # 786

	Depth (m)
<b>Transect 1</b>	0.00
Substrate:	0.10
cobbly gravel	0.15
Water Clarity:	0.20
some	0.45
Channel Feature:	0.50
pool	0.45
Channel Width:	0.40
9.00	0.40
<b>0.38</b>	<b>0.35</b>
<b>Transect 2</b>	0.00
Substrate:	0.15
bedrock/cobbly gravel	0.35
Water Clarity:	0.40
none	0.50
Channel Feature:	0.55
pool	0.60
Channel Width:	0.55
12.00	0.40
<b>0.40</b>	<b>0.35</b>
<b>Transect 3</b>	0.10
Substrate:	0.50
bedrock/gravel	0.60
Water Clarity:	0.65
none	0.65
Channel Feature:	0.70
pool	0.45
Channel Width:	0.40
12.00	0.50
<b>0.50</b>	<b>0.45</b>
<b>Transect 4</b>	0.15
Substrate:	0.35
cobbly gravel	0.40
Water Clarity:	0.55
none	0.70
Channel Feature:	0.70
pool	0.70
Channel Width:	0.35
8.00	0.30
<b>0.38</b>	<b>0.20</b>

	Depth (m)
<b>Transect 5</b>	0.05
Substrate:	0.20
cobble	0.40
Water Clarity:	0.40
some	0.35
Channel Feature:	0.30
pool	0.25
Channel Width:	0.10
7.00	0.10
<b>0.23</b>	<b>0.10</b>
<b>Transect 6</b>	0.00
Substrate:	0.00
bedrock/gravel	0.05
Water Clarity:	0.25
none	0.20
Channel Feature:	0.10
pool	0.10
Channel Width:	0.05
8.00	0.05
<b>0.05</b>	<b>0.00</b>
<b>Transect 7</b>	0.00
Substrate:	0.05
bedrock/gravel	0.20
Water Clarity:	0.40
some	0.40
Channel Feature:	0.40
pool	0.30
Channel Width:	0.50
7.00	0.50
<b>0.35</b>	<b>0.05</b>
<b>Transect 8</b>	0.00
Substrate:	0.15
bedrock/gravel	0.40
Water Clarity:	0.65
none	0.75
Channel Feature:	0.70
pool	0.70
Channel Width:	0.65
9.00	0.65
<b>0.65</b>	<b>0.35</b>

	Depth (m)
<b>Transect 9</b>	0.20
Substrate:	0.40
gravelly sand	0.60
Water Clarity:	0.45
none	0.45
Channel Feature:	0.50
pool	0.30
Channel Width:	0.25
8.00	0.20
<b>0.35</b>	<b>0.10</b>
<b>Transect 10</b>	0.15
Substrate:	0.40
gravelly sand	0.35
Water Clarity:	0.40
some	0.45
Channel Feature:	0.35
pool	0.30
Channel Width:	0.16
10.00	0.10
<b>0.33</b>	<b>0.00</b>
<b>Transect 11</b>	0.10
Substrate:	0.30
gravel	0.30
Water Clarity:	0.25
some	0.20
Channel Feature:	0.25
pool	0.15
Channel Width:	0.20
12.00	0.25
<b>0.25</b>	<b>0.25</b>
<b>Site Median</b>	<b>Site Maximum</b>
<b>0.35</b>	<b>0.75</b>

**WBID# 0786 Petite Saline Creek**



**Site# 1 Photo ID# 7, Upstream**



**Site# 1 Photo ID# 8, Downstream**



**Site# 2 Photo ID# 9, Upstream**



**Site# 2 Photo ID# 10, Downstream**

**WBID# 0786 Petite Saline Creek**



**Site# 3 Photo ID# 11, Upstream**



**Site# 3 Photo ID# 12, Downstream**



**Site# 4 Photo ID# 1, Upstream**



**Site# 4 Photo ID# 2, Downstream**

**WBID# 0786 Petite Saline Creek**



**Site# 5 Photo ID# 3, Upstream**



**Site# 5 Photo ID# 4, Downstream**



**Site# 6 Photo ID# 5, Upstream**



**Site# 6 Photo ID# 6, Downstream**

**WBID# 0786 Petite Saline Creek**



**Site# 6 Photo ID# 27, RV/ATV tracks**



**Site# 7 Photo ID# 28, Upstream**



**Site# 2 Photo ID#13, Log jam**



**Site# 7 Photo ID# 29, Downstream**