Use Attainability Analysis

for

WBID 2688 Peter's Creek

Submitted by
Missouri Department of Natural Resources Staff

To
Missouri Department of Natural Resources
Water Protection Program

Date Received: July 18, 2005

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Peter's Creek
8-digit HUC: 11010008
Missouri WBID #: 2688
County: Texas
Upstream Legal Description: NW1/4 NW1/4 Sec.27 T.29N., R.8W.
Downstream Legal Description: NE1/4 NE1/4 Sec.4 T.28N., R.8W.
Upstream Coordinates: N. 37.16645 W. 91.81429
Downstream Coordinates: N. 37.13308 W 91.82001
Discharger Facility Name(s): NA
Discharger Permit Number(s): NA
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Dennis M. Meinert (314) 416-2960
Organization: Department of Natural Resources, SWCP
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: Dennis M. Meinert Date: 06/28/05

Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

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

Missouri WBID #: WB2688-01	Site Location Description: NW1/4 NW1/4 Sec.27 T.29N., R.8W.	
Site GPS Coordinates: N. 37.16645 W. 91.81429		
Date & Time: 6/28/05 11:05 am	Facility Name: NA	
Personnel: Leon Thompson, John Horton	Permit Number: NA	
Current Weather Conditions: Sunny, hazy	Weather Conditions for Past 7 days: Scattered showers	
Photo Ids: Upstream: WBU2688-01	Downstream: WBD2688-01	Other: WBE2688-01

Uses Observed*:

___ Swimming	___ Skin Diving	___ Scuba diving	___ Tubing	___ Water skiing
___ Wind surfing	___ Kayaking	___ Boating	___ Wading	___ Rafting
___ Hunting	___ Trapping	___ Fishing	_X_ 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
_X_ No trespass sign	___ Fence	___ Steep slopes	___ Other: private property	

Evidence of Human Use*:

___ Roads	___ Foot paths/prints	___ Dock/platform	___ Livestock Watering	_X_ RV / ATV Tracks
___ Rope swing	___ 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 Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: **WB2688-01**

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): 20'	Length (ft): 420'	Avg. Depth (ft): 15"	Max. Depth (ft): 31"
Flow	Present? Yes	No	Estimated (ft3/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): 15'	Length (ft): 59'	Avg. Depth (ft): 5"	Max. Depth (ft): 10"
Flow	Present? Yes	No	Estimated (ft3/sec):	

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

10% Cobble	90% Gravel	% Sand	% 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	None	Other:
Surface Deposit:	Oil	Scum	Foam	None	Other:

Comments: Crayfish and minnows observed.

*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: [illegible] Date: 06/28/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 2688 – Downstream #1

WBID 2688 – Upstream #1

Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

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

Missouri WBID #: WB2688-02	Site Location Description: NW1/4 SW1/4 Sec.27 T.29N., R.8W.	
Site GPS Coordinates: N. 37.15623 W. 91.81460		
Date & Time: 6/28/05 11:15 am	Facility Name: NA	
Personnel: Dennis Meinert, Dave Dowdy	Permit Number: NA	
Current Weather Conditions: Sunny, hazy	Weather Conditions for Past 7 days: Scattered showers	
Photo Ids: Upstream: WBU2688-02	Downstream: WBD2688-02	Other: WBX2688-02

Uses Observed*:

___ Swimming	___ Skin Diving	___ Scuba diving	___ Tubing	___ Water skiing
___ Wind surfing	___ Kayaking	___ Boating	___ Wading	___ Rafting
___ Hunting	___ Trapping	___ Fishing	_X_ 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	_X_ Other: private property	

Evidence of Human Use*:

___ Roads	___ Foot paths/prints	___ Dock/platform	_X_ Livestock Watering	_X_ RV / ATV Tracks
___ Rope swing	___ 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 Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: WB2688-02

Stream Morphology:
Upstream View Physical Dimensions:

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft): 9'	Length (ft): 115'	Avg. Depth (ft): 4"	Max. Depth (ft): 6"
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present? Yes	No	Estimated (ft3/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): 10'	Length (ft): 215'	Avg. Depth (ft): 18"	Max. Depth (ft): 3'
Flow	Present? Yes	No	Estimated (ft3/sec):	

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

20% Cobble	80% Gravel	% Sand	% 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	None	Other:
Surface Deposit:	Oil	Scum	Foam	None	Other:

Comments: Minnows, Bass and Perch observed.

*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: Donald M. Meisel Date: 06/28/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 2688 – Downstream #2

WBID 2688 – Upstream #2

Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

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

Missouri WBID #: WB2688-03	Site Location Description: NE1/4 NE1/4 SEC.4 T.20N. R.8W.	
Site GPS Coordinates: N. 37.13308 W. 91.82001		
Date & Time: 6/28/05 12:25 pm	Facility Name: NA	
Personnel: Keith Knelle, Mike Wyatt	Permit Number: NA	
Current Weather Conditions: sunny	Weather Conditions for Past 7 days:	
Photo Ids: Upstream: WBU2688-03	Downstream: WBD2688-03	Other:

Uses Observed*:

___ Swimming	___ Skin Diving	___ Scuba diving	___ Tubing	___ Water skiing
___ Wind surfing	___ Kayaking	___ Boating	___ Wading	___ Rafting
___ Hunting	___ Trapping	___ Fishing	_X_ 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	_X_ Fence	___ Steep slopes	___ Other:	

Evidence of Human Use*:

___ Roads	___ Foot paths/prints	___ Dock/platform	___ Livestock Watering	___ RV / ATV Tracks
___ Rope swing	___ Camping Sites	___ Fire pit/ring	___ NPDES Discharge	___ Fishing Tackle
_X_ Other: None				

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 Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: **WB2688-03**

Stream Morphology:
Upstream View Physical Dimensions:

Riffle	Width (ft): 14'	Length (ft): 32'	Avg. Depth (ft): 2"	Max. Depth (ft): 5"
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):	

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): 14'	Length (ft): 52'	Avg. Depth (ft): 14"	Max. Depth (ft): 24"
Flow	Present? Yes	No	Estimated (ft3/sec):	

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

25% Cobble	65% Gravel	10% Sand	% Silt	% Mud/Clay	% Bedrock

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

10% 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: Crayfish and minnows observed.

*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: 06/28/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

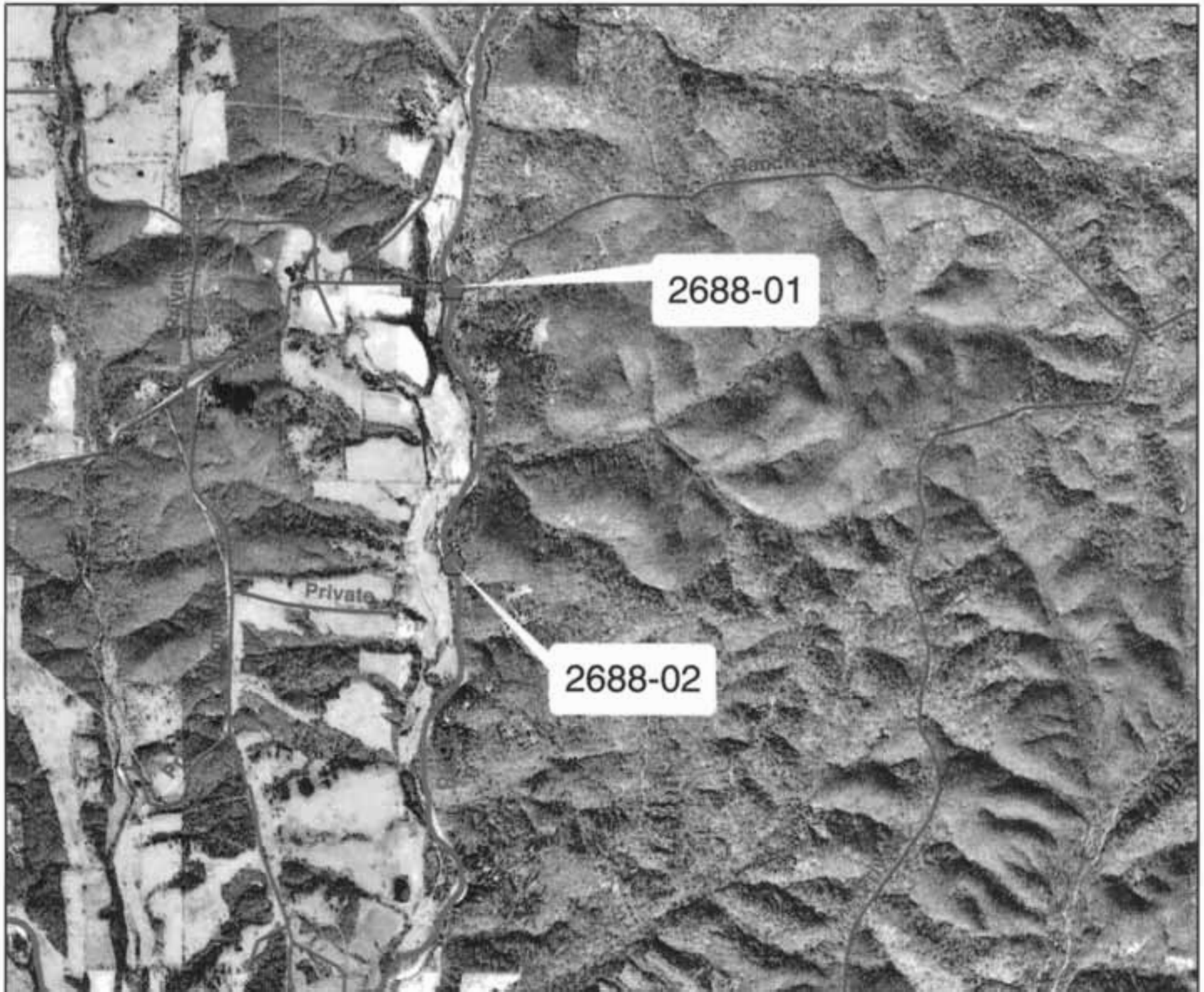
WBID 2688 – Downstream #3

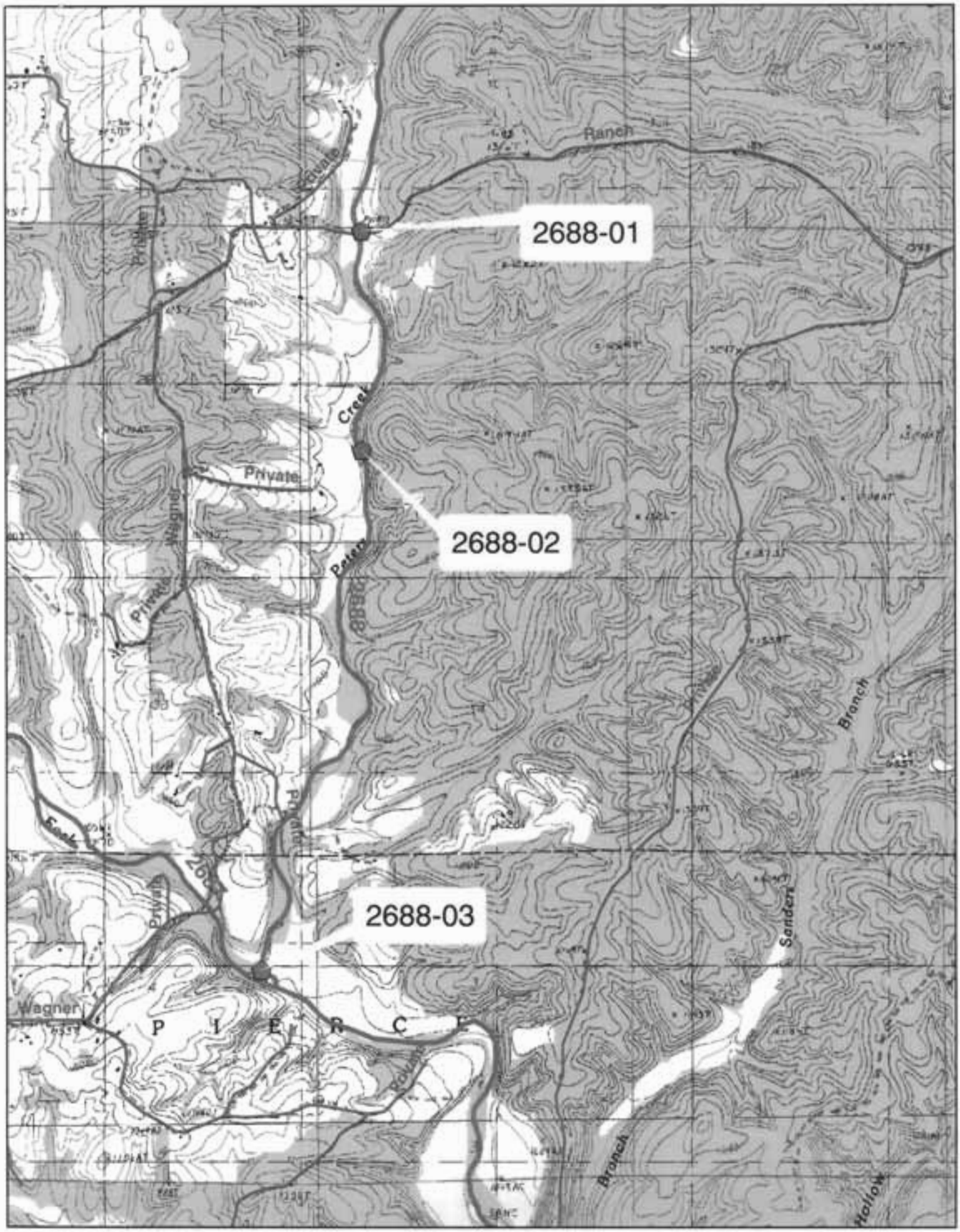
WBID 2688 – Upstream #3

STREAM NAME

_____Peters Creek_____

PHOTO	WBID	UP	DOWN	USE	COMMENTS
1	2688	X		No use	Pool
2	2688		X	No use	Pool
3	2688	X		Tire tracks	
4	2688	X		No use	Run
5	2688		X	No use	Pool
6	2688			Tire tracks	
7	2688	X		No use	Riffle
8	2688		X	No use	Pool
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					


2688-01
2688-02
Private


2688-01
2688-02
2688-03
Ranch
Private
Creek
Private
Wagner
Private
Peters
Private
Private
Wagner
P I E R C E
Branch
Sanders
Branch
Hollow