

Missouri
Department of
Natural Resources

Use Attainability Analysis

for

WBID 3357 Greedy 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

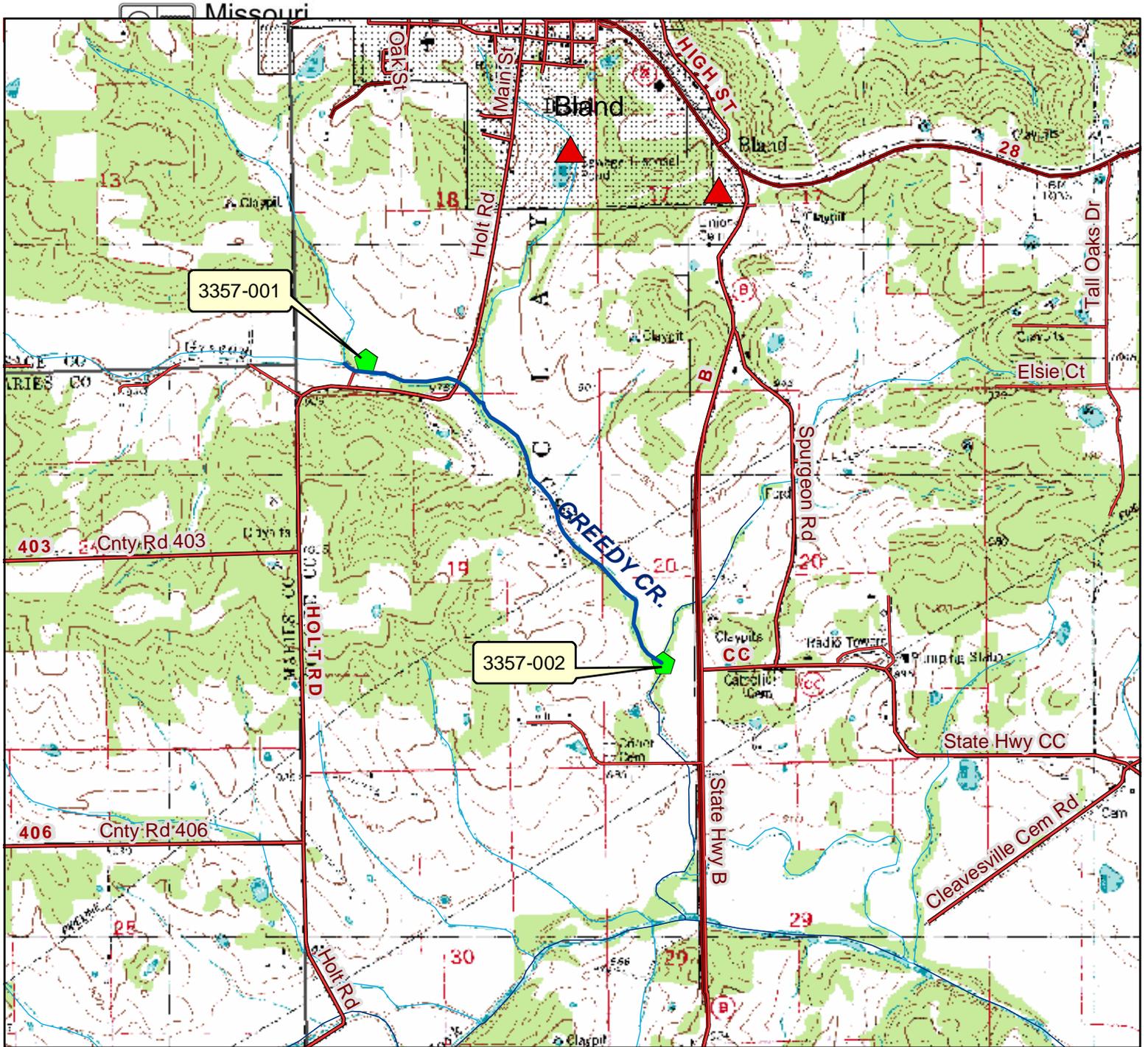
RECEIVED
2005 JUL 14 AM 7:17
WATER PROTECTION PROGRAM

Water Body Name: (from USGS 7.5' quad)	<i>Greedy Cr.</i>
8-digit HUC:	<i>07140103</i>
Missouri WBID #:	<i>3357</i>
County:	<i>Gasconade</i>
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates: (UGS 84, ddd.dddd)	<i>91.64675 / 38.28859</i>
Downstream Coordinates: (UGS 84, ddd.dddd)	<i>91.63679 / 38.28760</i>
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	<i>2</i>
Name of Surveyor and Telephone Number:	<i>Mary Clark</i>
Organization:	<i>M.D.N.R.</i>
Position:	<i>ES III</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: *Mary Clark* Date: *7-7-05*

Greedy Creek #3357 Gasconade County HUC 8 - 07140103



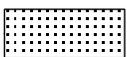
Facilities



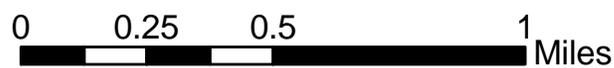
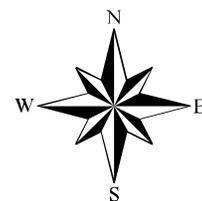
Classified Waterbodies



Roads



MUNICIPAL



Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization
(A separate data sheet must be completed for each site)

traced blue label X

*EPE
26*

Missouri WBID #: <i>3357-001</i>	Site Location Description:	
Site GPS Coordinates: <i>91.64675/38.28859</i>	<i>low water bridge on rd H02</i>	
Date & Time: <i>7-7-05 1:40</i>	Facility Name:	
Personnel: <i>Mary Clark</i>	Permit Number:	
Current Weather Conditions:	Weather Conditions for Past 7 days:	
Photo Ids: Upstream: <i>443</i>	Downstream: <i>444</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 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.)				

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 type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <i>N/A Rural</i>	

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: <i>gravel mining</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.

Stream Morphology:

443

to lobby dry

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 type="checkbox"/> Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input type="checkbox"/> Flow Present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Estimated (ft ³ /sec):	

Downstream View Physical Dimensions:

444

to lobby dry

<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 type="checkbox"/> Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input type="checkbox"/> Flow Present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Estimated (ft ³ /sec):	

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

35 % Cobble	50 % Gravel	10 % Sand	% Silt	5 % Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

N/A

Water Characteristics*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input 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 type="checkbox"/> Other:
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input 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 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. *Estimated based on my observations.*

Signed: May Clark Date: 7-7-08

Organization: MONK Position: EST

3357_001 DS



3357_001 US



no road to 002

Field Data Sheets for Recreational Use Stream Surveys

tried blue label no good

Data Sheet B - Site Characterization

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

EPE
15

Missouri WBID #: 3357-001/2	Site Location Description: 1/2 mile east of 002	
Site GPS Coordinates: 91.63679/38.28760	Bridge on Helt rd. over Greedy Cr.	
Date & Time: 7-7-05 2:20	Facility Name:	
Personnel: Mary Clark	Permit Number:	
Current Weather Conditions: Sunny	Weather Conditions for Past 7 days:	
Photo Ids: Upstream: 446	Downstream: 445	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.)

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 type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: rural	

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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Stream Morphology:

Upstream View Physical Dimensions:

Minnow + Small fish

<input type="checkbox"/> Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Run	Width (ft): <u>15</u>	Length (ft): <u>70</u>	Avg. Depth (ft): <u>0.1</u>	Max. Depth (ft): <u>0.15</u>
<input checked="" type="checkbox"/> Pool	Width (ft): <u>12</u>	Length (ft): <u>10</u>	Avg. Depth (ft): <u>0.33</u>	Max. Depth (ft): <u>0.5</u>
<input type="checkbox"/> Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Estimated (ft ³ /sec):	

almost no flow under bridge

Downstream View Physical Dimensions:

<input type="checkbox"/> Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Run	Width (ft): <u>25</u>	Length (ft): <u>35</u>	Avg. Depth (ft): <u>0.1</u>	Max. Depth (ft): <u>0.15</u>
<input type="checkbox"/> Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input type="checkbox"/> Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Estimated (ft ³ /sec):	

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

<u>10</u> % Cobble	<u>15</u> % Gravel	% Sand	% Silt	% Mud/Clay	<u>75</u> % Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

algae covers <10%

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 type="checkbox"/> Other:
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. *Estimated based on my observations.*

Signed: May Clark Date: 7-7-05

Organization: MDNR Position: ES III

3357_001.5 DS



3357_001.5 US



1st_email

Fw: Greedy Creek exemption from antipollution rule - Stacia Bax/WPCP/DEQ/MODNR



Marlene
Kirchner/WPCP/DEQ/MODNR

08/18/2005 12:19 PM

To Phil Schroeder/WPCP/DEQ/MODNR@MODNR, Stacia
Bax/WPCP/DEQ/MODNR@MODNR, Linda
Mebruer/WPCP/DEQ/MODNR@MODNR

cc

bcc

Subject Fw: Greedy Creek exemption from antipollution rule

Marlene Kirchner
Program Secretary
Water Protection Program
(573) 751-6721

----- Forwarded by Marlene Kirchner/WPCP/DEQ/MODNR on 08/18/2005 12:18 PM -----

Copy



steve.herrington@emhartglas
s.com

08/18/2005 11:25 AM

To marlene.kirchner@dnr.mo.gov

cc

Subject Greedy Creek exemption from antipollution rule

Marlene

My name is Steve Herrington and I live along **Greedy Creek** just south of Bland Missouri (between Holt Road and Highway B). My family (wife, daughter, and son) and I use this creek for recreation. We wade, fish, catch crawdads, etc in the creek on a fairly regular bases. In fact there is a low water bridge just east of my land the cars drive over and we ride our four-wheelers over the bridge and splash the water all over us. The creek runs along side and across one end of my property and the water from the Bland lagoons runs into the creek close to my property. I don't believe it is right for anyone to be able to let untested water or contaminated water into the streams systems anywhere. I as an individual can't do it as I had to put a new septic and lagoon on my property when I purchased it 2 1/2 years ago. Part of the reason we purchased the place we live now was because of the creek in front of the property. We use the creek as recreation and as a teaching tool to teach the kids about the environment and wildlife.

Thanks for any and all help you can provide.

Steve Herrington

2nd email

Re: Fw: Greedy Creek exemption from antipollution rule - Stacia Bax/WPCP/DEQ/MODNR



steve.herrington@emhartglas
s.com
08/24/2005 03:58 PM

To "Stacia Bax" <stacia.bax@dnr.mo.gov>
cc
bcc
Subject Re: Fw: Greedy Creek exemption from antipollution rule

Copy

Stacia

Sorry for such a late reply. We use the creek in the manner describe below on a weekly bases. The area of the creek used is between Holt Road and Highway B. This is about a mile stretch with most of the activity on the Holt road half of the creek where I live. There is a pool about half way through this area (by the low water bridge) which at certain times may have about 2-3 feet of water in it. When deep enough (maybe 3-4 times a summer more in the spring) we do sometimes play in the pool and the kids do lay in the water. Other than that we mostly wade in the creek looking for crawdads and such.

Please let me know what the results of the findings are.

Steve

"Stacia Bax" <stacia.bax@dnr.mo.gov>

08/22/2005 12:20 PM

To steve.herrington@emhartglass.com
cc
Subject Fw: Greedy Creek exemption from antipollution rule

Good Afternoon Mr. Herrington,
Thanks for the comments. Could you provide more specific information on the recreational uses of Greedy Creek? Be specific as to where the different recreational uses have occurred. If you know of a deep pool where swimming occurs, please let us know where that pool is and how deep it is. Any comments on the recreational uses are great, but the ones that are the most effective are those that are specific to the type of activity occurring, where that activity occurred, how often it occurred, and when it occurred. Here's a made-up example of the type of information that would really help us: "My family has used Clear Creek in Blue County for swimming since the 1980s. We swim at the 5-foot deep hole every weekend from May to September between the low water bridge at County Road 255 down stream to the Hwy TT bridge."

Activity	When?	Where?	How Often?
swimming (an example)	every summer (may to September)	since 1986 Hwy X Bridge B	every weekend

Thanks.

Below is some general information about this process.

All classified waters of the state are identified by what the water is used for. These uses are called