

Use Attainability Analysis

for

WBID 2591 West Fork Spring River

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): West Fork Spring River	
8-digit HUC: 11010010	
Missouri WBID #: 2591 <i>sites 1-3</i>	JUL 15 2005
County: Howell	
Upstream Legal Description: NE1/4 NE1/4 Sec.23 T.22N., R.9W.	
Downstream Legal Description: SE1/4 NE1/4 Sec.25 T.22N., R.9W.	
Upstream Coordinates: N. 36.54142	W. 91.89881
Downstream Coordinates: N. 36.54436	W. 91.88335
Discharger Facility Name(s): NA	
Discharger Permit Number(s): NA	
Number of Sites Evaluated: 3	
Name of Surveyor and Telephone Number: Dennis 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: 06/15/05

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 #: WB2591-01	Site Location Description: SE1/4 NE1/4 Sec.25 T.22N., R.9W		
Site GPS Coordinates: N. 36.54436 W. 91.88335			
Date & Time: 6/15/05 8:00 am		Facility Name: NA	
Personnel: Leon Thompson		Permit Number: NA	
Current Weather Conditions: Clear, Sunny		Weather Conditions for Past 7 days: Clear, sunny	
Photo Ids: Upstream: WBU2591-01	Downstream: WBD2591-01	Other: WBE2591-01_1, WBE2591-01_2	

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

Evidence of Human Use*:

<input 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 swing	<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.

WBID 2591 – Downstream #1



WBID 2591 – 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 #: WB2591-02	Site Location Description: SE1/4 NW1/4 SEC.24 T.22N. R.9W.		
Site GPS Coordinates: N 36.55960		W91.88932	
Date & Time: 6/15/05 8:30 am		Facility Name: NA	
Personnel: Dennis Meinert		Permit Number: NA	
Current Weather Conditions: Clear, Sunny		Weather Conditions for Past 7 days: Clear, sunny	
Photo Ids: Upstream: WBU2591-02	Downstream: WBD2591-02	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 checked="" type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input type="checkbox"/> Other:	

Evidence of Human Use*:

<input 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 swing	<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 Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: WB2591-02

Stream Morphology:

Upstream View Physical Dimensions:

Riffle	Width (ft):	19'	Length (ft):	64'	Avg. Depth (ft):	4"	Max. Depth (ft):	8"
Run	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
Pool	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
Flow	Present?	<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> 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):
<u>Pool</u>	Width (ft): 30'	Length (ft): 175'	Avg. Depth (ft): 1'	Max. Depth (ft): 2'
Flow	Present?	<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No
	Estimated (ft ³ /sec):			

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

% Cobble	30% Gravel	% Sand	% Silt	% Mud/Clay	70% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Aquatic vegetation growing on gravel and into edges of water.

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	<u>Clear</u>	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	<u>Fine sediments</u>	None	Other:
Surface Deposit:	Oil	Scum	Foam	None	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: Dennis M. Meinert Date: 06/15/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 2591 – Downstream #2



WBID 2591 – 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 #: WB2591-03	Site Location Description: NE1/4 NE1/4 SEC.23 T.22N. R.9W.		
Site GPS Coordinates: N. 36.54142		W. 91.89881	
Date & Time: 6/15/05 8:25 am		Facility Name: NA	
Personnel: Leon Thompson		Permit Number: NA	
Current Weather Conditions: Clear, sunny		Weather Conditions for Past 7 days: Clear, sunny	
Photo Ids: Upstream: WBU2591-03	Downstream: WBD2591-03	Other: WBE2591-03_1, WBE2591-03_2	

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: Old road crossing	

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 checked="" type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swing	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input checked="" 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 Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: WB2591-03

Stream Morphology:

Upstream View Physical Dimensions:

Riffle	Width (ft): 18'	Length (ft): 26'	Avg. Depth (ft): 4"	Max. Depth (ft): 8"
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:

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): 36'	Length (ft): 275'	Avg. Depth (ft): 1'	Max. Depth (ft): 30"
Flow Present?	Yes	No	Estimated (ft ³ /sec):	

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

30% Cobble	70% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Aquatic plants growing into water from banks.

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, crayfish and perch observed.

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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: Leon Thompson Date: 06/15/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 2591 – Downstream #3



WBID 2591 – Upstream #3

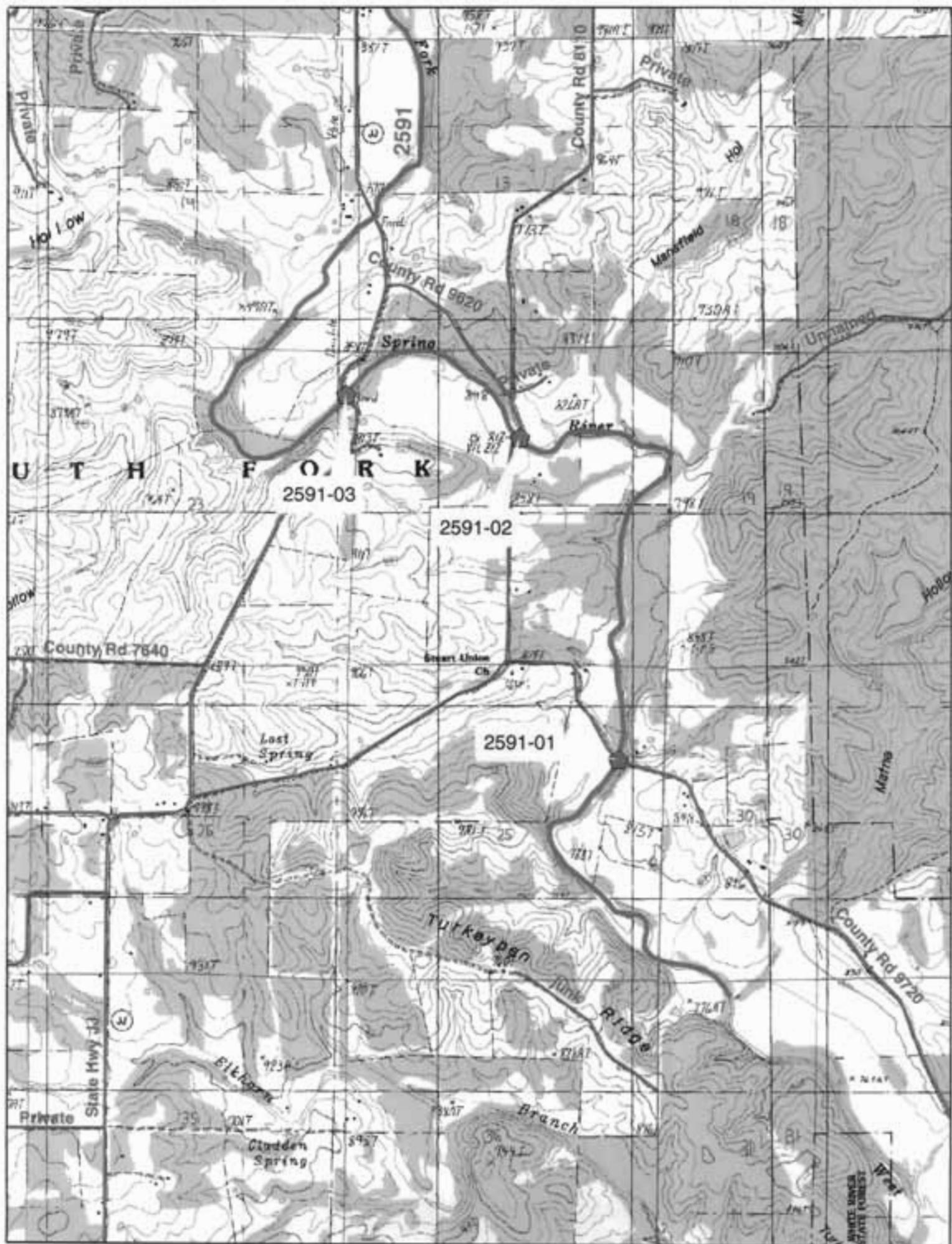


STREAM NAME

West Fork Spring River

PHOTO	WBID	UP	DOWN	USE	COMMENTS
1	2591	X		No use	Pool
2	2591		X	No use	Riffle
3	2591				Path along edge.
4	2591	X		No use	Pool
5	2591		X	No use	Riffle
6	2591	X		No use	Riffle
7	2591		X	No use	Pool
8	2591				ATV use. Old low water bridge.
9	2591				Signs of fishing.
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39					





Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): West Fork Spring River
8-digit HUC: 11010010
Missouri WBID #: 2591 <i>Sites 4-6</i>
County: Howell
Upstream Legal Description: NE1/4 NW1/4 Sec.10 T.22N., R.9W.
Downstream Legal Description: NE1/4 SE1/4 Sec.11 T.22N., R.9W.
Upstream Coordinates: N. 36.59044 W. 91.93028
Downstream Coordinates: N. 36.58474 W. 91.89840
Discharger Facility Name(s): NA
Discharger Permit Number(s): NA
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Dennis 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: 06/15/05

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 #: WB2591-04	Site Location Description: NE1/4 SE1/4 Sec.11 T.22N., R.9W.		
Site GPS Coordinates: N. 36.58474 W. 91.89840			
Date & Time: 6/15/05 9:05 am		Facility Name: NA	
Personnel: Leon Thompson, Dennis Meinert		Permit Number: NA	
Current Weather Conditions: Clear, Sunny		Weather Conditions for Past 7 days: Clear, sunny	
Photo Ids: Upstream: WBU2591-04	Downstream: WBD2591-04	Other: WBE2591-04	

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: Private property.	

Evidence of Human Use*:

<input 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 swing	<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 Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: WB2591-04

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): 26'	Length (ft): 135'	Avg. Depth (ft): 1'	Max. Depth (ft): 18"
Flow	Present?	Yes	No	Estimated (ft ³ /sec):

Downstream View Physical Dimensions:

Riffle	Width (ft): 29'	Length (ft): 38'	Avg. Depth (ft): 4"	Max. Depth (ft): 6"
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%.)

40% Cobble	30% Gravel	% Sand	% Silt	20% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Aquatic flowers in riffles.

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: Nice pools up and down from road access. Possible fishing. Minnows and crayfish observed.

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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: Dennis M. Meinert Date: 06/15/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 2591 – Downstream #4



WBID 2591 – Upstream #4



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 #: WB2591-05	Site Location Description: SE1/4 NE1/4 SEC.10 T.22N. R.9W.		
Site GPS Coordinates: N 36.58781		W91.91895	
Date & Time: 6/15/05 9:25 am	Facility Name: NA		
Personnel: Dennis Meinert, John Horton	Permit Number: NA		
Current Weather Conditions: Clear, Sunny	Weather Conditions for Past 7 days: Clear, sunny		
Photo Ids: Upstream: WBU2591-05	Downstream: WBD2591-05	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: None	

Evidence of Human Use*:

<input 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 swing	<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: 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)

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Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: WB2591-05

Stream Morphology:

Upstream View Physical Dimensions:

Riffle	Width (ft):	17'	Length (ft):	25'	Avg. Depth (ft):	4"	Max. Depth (ft):	6"
Run	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
Pool	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
Flow	Present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> 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):	25'	Length (ft):	81'	Avg. Depth (ft):	1'	Max. Depth (ft):	18"
Flow	Present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Estimated (ft ³ /sec):				

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

5% Cobble	95% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Aquatic vegetation growing in water.

Water Characteristics*: (Mark all that apply.)

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

Comments: Minnows and crayfish observed.

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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: Dennis M. Meenert Date: 06/15/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 2591 – Downstream #5



WBID 2591 – Upstream #5



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 #: WB2591-06	Site Location Description: NE1/4 NW1/4 Sec.10 T.22N., R.9W.		
Site GPS Coordinates: N. 36.59044		W. 91.93028	
Date & Time: 6/15/05 9:45 am	Facility Name: NA		
Personnel: Leon Thompson, Dennis Meinert	Permit Number: NA		
Current Weather Conditions: Clear, sunny	Weather Conditions for Past 7 days: Clear, sunny		
Photo Ids: Upstream: WBU2591-06	Downstream: WBD2591-06	Other: WBE2591-06	

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 checked="" type="checkbox"/> Fence	<input 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 swing	<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.

WBID 2591 – Downstream #6



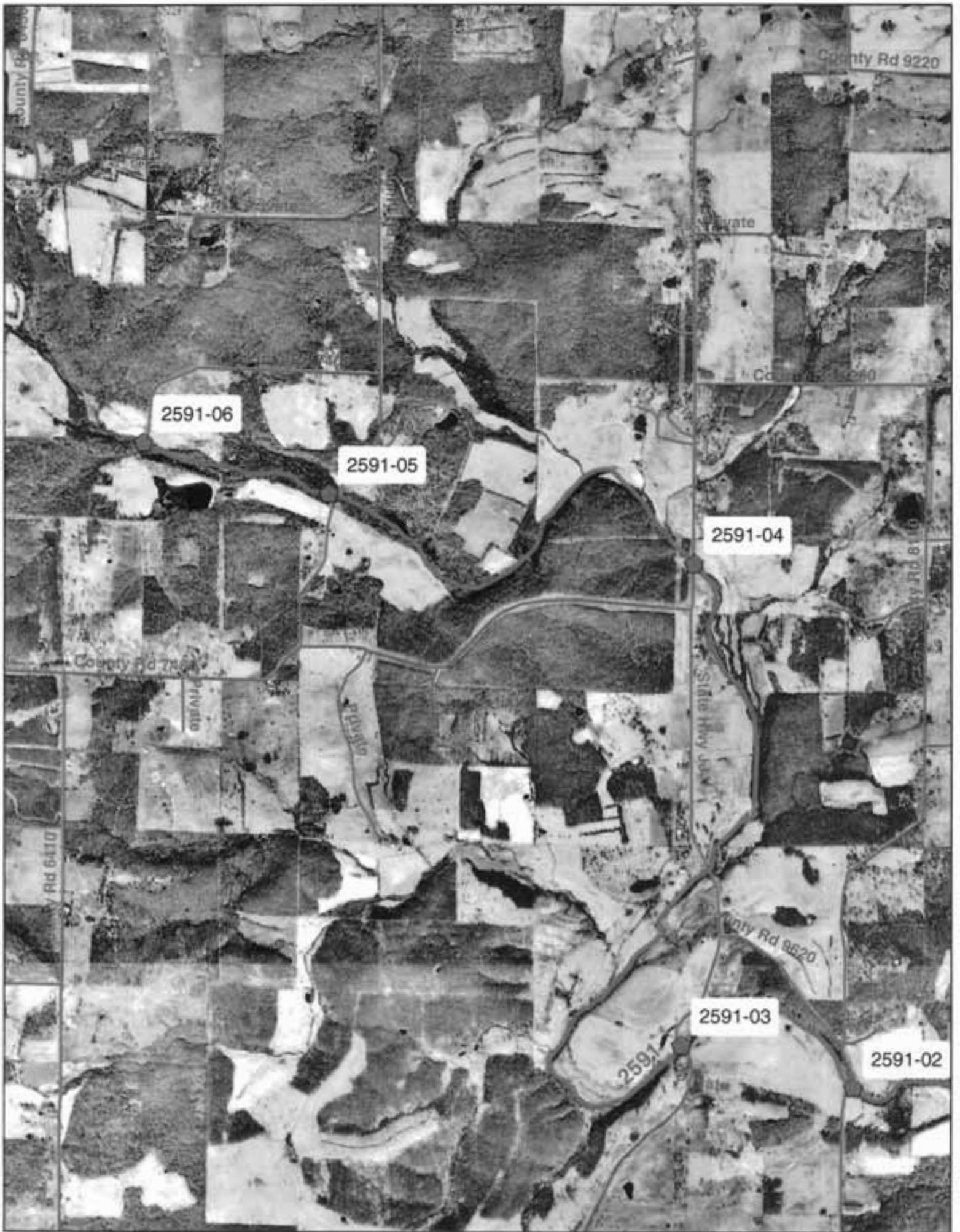
WBID 2591 – Upstream #6



STREAM NAME

West Fork Spring River

PHOTO	WBID	UP	DOWN	USE	COMMENTS
1	2591	X		No use	Pool
2	2591		X	No use	Riffle
3	2591				Road down to stream.
4	2591	X		No use	Pool
5	2591		X	No use	Riffle
6	2591	X		No use	Riffle
7	2591		X	No use	Pool
8	2591				Beaver
9					
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2591-06

2591-05

2591-04

2591-03

2591-02

County Rd 9220

Private

County Rd 8200

County Rd 7400

Private

Private

Site Hwy 2000

County Rd 8100

County Rd 8520

2591-01

Private

County Rd 6350

County Rd 6410

