Missouri
Department of
Natural Resources

Use Attainability Analysis

for

WBID 0556 West Fork Honey Creek

Submitted by
Missouri Department of Natural Resources Staff

To
Missouri Department of Natural Resources
Water Protection Program

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WATER PROTECTION PROGRAM

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad):	W.F. Honey CR.
8-digit HUC:	10280102
Missouri WBID #:	556
County:	MERCER; Grundy (Last Point)
Upstream Legal Description:	S 4 T 64N R 23W
Downstream Legal Description:	S 17 T 63N R 23W
Upstream Coordinates:	N 40.36768 W93.49339 (BM)
Downstream Coordinates:	N 40.85422 W 93.50453
Discharger Facility Name(s):	—
Discharger Permit Number(s):	—
Number of Sites Evaluated:	(4)
Name of Surveyor and Telephone Number:	Craig C. Chatfield & Aaron W. Woods 816-622-7095
Organization:	MoDNR
Position:	Soil Scientists

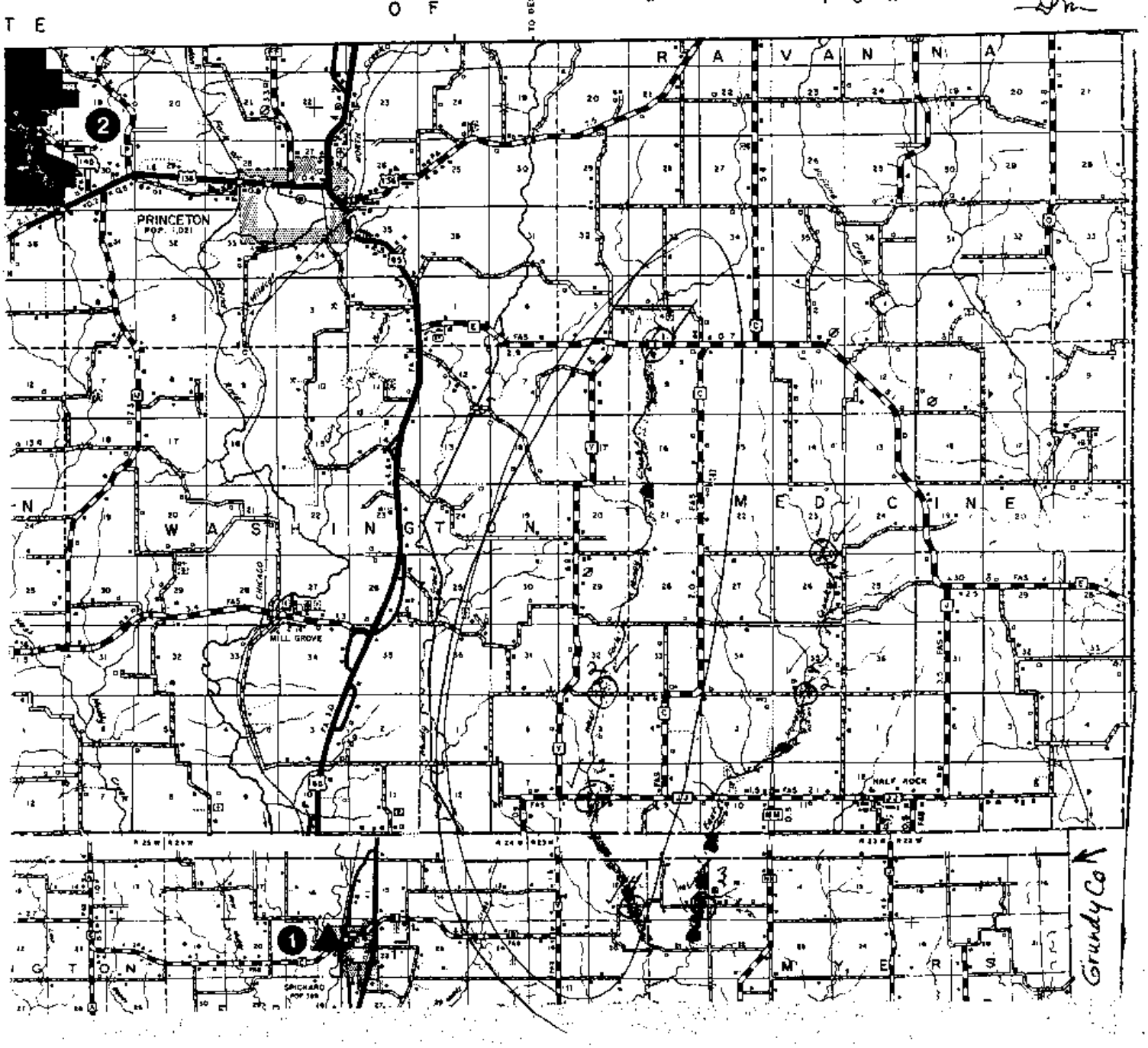
I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Cy C. Chatfield & AW **Date:** 7/6/05

MERCER COUNTY

West Fork Honey Creek

~~East Fork Honey Creek~~



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 #: 556 - 01	Site Location Description:
Site GPS Coordinates: N 40.36768 W 93.49339	W. F. Honey CR
Date & Time: 7/6/03 @ 10:30 AM	Facility Name: —
Personnel: Craig C. & Aaron W.	Permit Number: —
Current Weather Conditions: Sunny	Weather Conditions for Past 7 days: Sunny
Photo Ids: Upstream: NBU556-01 101-191 / Downstream: NBD556-01 101-192	Other:

Uses Observed*:

☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☒ 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	☒ Other: NA	

Evidence of Human Use*:

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

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) Attached

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Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

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Stream Morphology:

Upstream View Physical Dimensions:

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Run	Width (ft): 15'	Length (ft): 15'	Avg. Depth (ft): 3"	Max. Depth (ft): 5"
☐ 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): 15'	Length (ft): 15'	Avg. Depth (ft): 3"	Max. Depth (ft): 5"
☐ 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%.)

% Cobble	10 % Gravel	30 % Sand	60 % Silt	% Mud/Clay	% Bedrock

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

101 – 191,192 Reed canary grass; grass WBU ; 0 556-01
40% 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: 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: Cyp Chfid & AW **Date:** 7/6/05

Organization: MoDNR SWCP Position: Soil scientists

0556_01_US

0556_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 #: 556-02	Site Location Description: W F. Honey CR.
Site GPS Coordinates: N 40.29455 W93.50825 (DM)	
Date & Time: 7/6/05 @ 11:25 AM	Facility Name: —
Personnel: Craig C + Aaron W.	Permit Number: —
Current Weather Conditions: Sunny	Weather Conditions for Past 7 days: Sunny
Photo Ids: Upstream: WB0556-02 101-197 / Downstream: WB0556-02 101-198	Other:

Uses Observed*:

☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☒ 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	☐ Other:	

Evidence of Human Use*:

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

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) Attached

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Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two – WBID # 556 : -02 BM

Stream Morphology:

Upstream View Physical Dimensions:

☐ Riffle	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):		
☒ Run	Width (ft):	15'	Length (ft):	15'	Avg. Depth (ft):	9"	Max. Depth (ft):	1'9"	
☐ 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):	20'	Length (ft):	20'	Avg. Depth (ft):	9"	Max. Depth (ft):	1'9"	
☐ 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%.)

% Cobble	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
20	20	40	40		

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

101-197, 198 willows; Grasses WBU; D 556-02

Water Characteristics*: (Mark all that apply.)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	☒ None	☐ Other:
Color:	☐ Clear	☐ Green	☐ Gray	☐ Milky	☒ Other: Murky
Bottom Deposit:	☐ Sludge	☐ Solids	☒ Fine sediments	☐ 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: C. Y. Chafin; KW **Date:** 7/6/05

Organization: MoDNR SWCP Position: Soil scientists

0556_02_US

0556_02_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 #: 556-03	Site Location Description:
Site GPS Coordinates: N 40.27254 W93.50791	66mW. F. Horey CR.
Date & Time: 7/6/05 @ 11:30 AM	Facility Name: —
Personnel: Craig C ; Aaron W.	Permit Number: —
Current Weather Conditions: Sunny	Weather Conditions for Past 7 days: Sunny
Photo Ids: Upstream: WBU556-03 101-199 Downstream: WBD556-03 101-200	Other:

Uses Observed*:

☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☒ 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	☐ Other:	

Evidence of Human Use*:

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

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) Attached

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Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two – WBID # 556 : -03 gm

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): 15'	Length (ft): 20'	Avg. Depth (ft): 10"	Max. Depth (ft): 1'10"
☐ 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): 15'	Length (ft): 20'	Avg. Depth (ft): 1'3"	Max. Depth (ft): 2'
☐ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec):	

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

% Cobble	20 % Gravel	40 % Sand	40 % Silt	% Mud/Clay	% Bedrock

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

Willows, Grasses – Pictures

Water Characteristics*: (Mark all that apply.)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	☒ None	☐ Other:
Color:	☐ Clear	☐ Green	☐ Gray	☐ Milky	☒ Other: Murky
Bottom Deposit:	☐ Sludge	☐ Solids	☒ Fine sediments	☐ 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: C. T. Chfd ; AW **Date:** 7/6/05

Organization: MODNR SWCP Position: Soil Scientists

0556_03_US

0556_03_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 #: 556-04	Site Location Description:
Site GPS Coordinates: N40.25422 N93 504	53 (sm) W. F. Honey Cr.
Date & Time: 7/6/05 @ 11:50 AM	Facility Name: —
Personnel: Craig C. & Aaron W.	Permit Number: —
Current Weather Conditions: Sunny	Weather Conditions for Past 7 days: Sunny
Photo Ids: Upstream: WBUS56-04 101-201 Downstream: WBDS56-04 101-202	Other:

Uses Observed*:

☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☒ 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	☐ Other:	

Evidence of Human Use*:

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

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) Attached

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Field Data Sheets for Recreational Use Stream Surveys

Page Two – WBID # 556 : -04 **Data Sheet B - Site Characterization**

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): 15'	Length (ft): 15'	Avg. Depth (ft): 8"	Max. Depth (ft): 1'
☐ 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): 15'	Length (ft): 15'	Avg. Depth (ft): 9"	Max. Depth (ft): 1'2"
☐ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec):	

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

14 % Cobble	15 % Gravel	30 % Sand	40 % Silt	% Mud/Clay	% Bedrock

↳ 1% Boulders

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

Willows – Pictures
Grasses

Water Characteristics*: (Mark all that apply.)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	☒ None	☐ Other:
Color:	☐ Clear	☐ Green	☐ Gray	☐ Milky	☒ Other: Murky
Bottom Deposit:	☐ Sludge	☐ Solids	☒ Fine sediments	☐ None	☐ Other:
Surface Deposit:	☐ Oil	☐ Scum	☐ Foam	☒ None	☐ Other:

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Organization: MoDNR SWCP Position: Soil Scientists

0556_04_US

0556_04_DS