

Field Datasheet

Sample # 1 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Meadow Creek Arrival time 14:53

Location ID Bull Meadow (BM) Depart time 14:58

Samplers Lindsey Myers, Rebecca Cremeen Date 6/16/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow
Bank Disturbance	Describe; None at sample site, lots above - cattle crossing
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

10+ cows near creek upon our arrival

Bacteria Sample Container ID R=3 Collection time 14:54

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 17°C

Turbidity sample collected: Yes; **No**

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 2 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Meadow Creek Arrival time 10:37

Location ID Bull Meadow (BM) Depart time 10:42

Samplers Lindsey Myers, Brenda Whited Date 6/18/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow
Bank Disturbance	Describe; None at sample site, lots above - cattle crossing
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID U1V Collection time 10:39

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 12°C

Turbidity sample collected: Yes; **No**

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 3 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Meadow Creek Arrival time 12:50

Location ID Bull Meadow (BM) Depart time 12:56

Samplers Lindsey Myers, Brenda Whited Date 6/22/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow
Bank Disturbance	Describe; None at sample site, lots above - cattle crossing
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 116 Collection time 12:52

Bacteria Sample Container ID Collection time

Water Temperature 16°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 4 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Meadow Creek Arrival time 14:35

Location ID Bull Meadow (BM) Depart time 14:40

Samplers J. Stephens, L. Myers, R. Cremeen Date 6/24/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow
Bank Disturbance	Describe; None at sample site, lots above - cattle crossing
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

split sample taken

cows near stream upon arrival

Bacteria Sample Container ID 136 Collection time 14:38

Bacteria Sample Container ID E#3 - split sample Collection time 14:39

Water Temperature 17°C

Turbidity sample collected: Yes; **No**

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 5 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Meadow Creek Arrival time 11:31

Location ID Bull Meadow (BM) Depart time 11:37

Samplers Lindsey Myers, Brenda Whited Date 6/29/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow
Bank Disturbance	Describe; None at sample site, lots above - cattle crossing
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 493 Collection time 11:33

Bacteria Sample Container ID Collection time

Water Temperature 18°C

Turbidity sample collected: Yes; **No**

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 6 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Meadow Creek Arrival time 12:13

Location ID Bull Meadow (BM) Depart time 12:17

Samplers Julia Stephens, Lindsey Myers Date 7/7/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow
Bank Disturbance	Describe; None at sample site, lots above - cattle crossing
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other - Nearby

Comments:

Cows in nearby upland habitat

split sample taken

Bacteria Sample Container ID 277 Collection time 12:15

Bacteria Sample Container ID X00 - split sample Collection time 12:16

Water Temperature 18°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 7 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Meadow Creek Arrival time 12:15

Location ID Bull Meadow (BM) Depart time 12:20

Samplers Lindsey Myers, Rebecca Cremeen Date 7/21/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow
Bank Disturbance	Describe; None at sample site, lots above - cattle crossing
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 130 Collection time 12:17

Bacteria Sample Container ID Collection time

Water Temperature 19°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 1 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 11:06

Location ID Bog 1 Depart time 11:11

Samplers Lindsey Myers, Brenda Whited Date 7/8/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ mixed conifer forest - ponderosa dominant
Bank Disturbance	Describe; Yes, from cattle crossing the stream and grazing
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Outside the fence sample/ after cows

This sample site is 100' below the "Inside fence" sample on the same stream.

Bacteria Sample Container ID J27 Collection time 11:08

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 15°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 1 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 11:13

Location ID Bog2 Depart time 11:17

Samplers Lindsey Myers, Brenda Whited Date 7/8/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / meadow
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Inside the fence sample / before cows

Bacteria Sample Container ID X4# Collection time 11:15

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 14°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 2 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 11:11

Location ID Bog 1 Depart time 11:15

Samplers Lindsey Myers, Brenda Whited Date 7/15/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ mixed conifer forest - ponderosa dominant
Bank Disturbance	Describe; Yes, cattle related trampling and streambank disturbance
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Outside fence / after cows sample

Bacteria Sample Container ID J=8 Collection time 11:12

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 16°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 2 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 11:15

Location ID Bog2 Depart time 11:18

Samplers Lindsey Myers, Brenda Whited Date 7/15/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / meadow
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Inside fence / before cows sample

Bacteria Sample Container ID D#9 Collection time 11:16

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 15°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 3 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 11:02

Location ID Bog 1 Depart time 11:06

Samplers Lindsey Myers, Rebecca Cremeen Date 7/21/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ mixed conifer forest - ponderosa dominant
Bank Disturbance	Describe; Yes, cattle crossing and trampling
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other - Nearby

Comments:

2 cows above meadow.

Outside fence / after cows sample

Bacteria Sample Container ID R4X Collection time 11:04

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 15°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 3 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 11:07

Location ID Bog2 Depart time 11:11

Samplers Lindsey Myers, Rebecca Cremeen Date 7/21/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / meadow
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other - Nearby

Comments:

Inside fence / before cows sample

Took a field blank sample

Bacteria Sample Container ID 76+ Collection time 11:08

Bacteria Sample Container ID D#1 Collection time 11:10

Water Temperature 14°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 4 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 12:28

Location ID Bog 1 Depart time 12:30

Samplers Brenda Whited, Lindsey Myers Date 7/28/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ mixed conifer forest - ponderosa dominant
Bank Disturbance	Describe; Pocking, sloughing along streambank
Cattle Presence	Cows present; Cows absent ; Fresh disturbance ; Other

Comments:

Outside fence / after cows sample

Bacteria Sample Container ID G27 Collection time 12:29

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 18°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 4 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 12:31

Location ID Bog2 Depart time 12:33

Samplers Brenda Whited, Lindsey Myers Date 7/28/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / meadow
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Inside fence / before cows sample

Bacteria Sample Container ID 490 Collection time 12:32

Bacteria Sample Container ID Collection time

Water Temperature 16°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 5 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 11:14

Location ID Bog 1 Depart time 11:16

Samplers Lindsey Myers, Rebecca Cremeen Date 8/4/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ mixed conifer forest - ponderosa dominant
Bank Disturbance	Describe; Yes, from cattle crossing and grazing
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Outside fence / after cows sample

It's hard to tell if disturbance looks fresh.

Bacteria Sample Container ID X06 Collection time 11:15

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 16°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 5 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 11:19

Location ID Bog2 Depart time 11:21

Samplers Lindsey Myers, Rebecca Cremeen Date 8/4/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / meadow
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Inside fence / before cows sample

Bacteria Sample Container ID 179 Collection time 11:20

Bacteria Sample Container ID Collection time

Water Temperature 13°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 6 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 10:52

Location ID Bog 1 Depart time 10:54

Samplers Lindsey Myers, Brenda Whited Date 8/5/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ mixed conifer forest - ponderosa dominant
Bank Disturbance	Describe; Streambank pocking from cattle crossing and grazing
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Outside fence / after cows sample

Bacteria Sample Container ID 158 Collection time 10:53

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 13.5°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 6 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 10:56

Location ID Bog2 Depart time 11:00

Samplers Lindsey Myers, Brenda Whited Date 8/5/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / meadow
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Inside fence / before cows sample

Bacteria Sample Container ID 133 Collection time 10:57

Bacteria Sample Container ID Collection time

Water Temperature 12.5°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 7 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Tributary of Jawbone Creek Arrival time 12:24Location ID Bog 1 Depart time 12:30Samplers _____ Date 8/10/10Lindsey Myers, Brenda Whited**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ mixed conifer forest - ponderosa dominant
Bank Disturbance	Describe; Pocking and chiseling form cattle crossing
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other - Nearby

Comments:

Can hear cows bells in the upland forest habitat.

Outside fence / after cow sample

Split sample taken.

Bacteria Sample Container ID 596 Collection time 12:26Bacteria Sample Container ID 44⊕ – split sample Collection time 12:27Water Temperature 16°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 7 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 12:32

Location ID Bog2 Depart time 12:35

Samplers Lindsey Myers, Brenda Whited Date 8/10/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / meadow
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Inside fence / before cows sample

Bacteria Sample Container ID 10 Collection time 12:33

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 15°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 8 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 12:24

Location ID Bog 1 Depart time 12:27

Samplers Lindsey Myers, Edwin Bobrycki Date 8/18/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ mixed conifer forest - ponderosa dominant
Bank Disturbance	Describe; Pocking and sloughing from cattle disturbance
Cattle Presence	Cows present; Cows absent ; Fresh disturbance ; Other

Comments:

Very humid.

Outside fence / after cow sample

Bacteria Sample Container ID 33⊕ Collection time 12:25

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 16°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 8 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 12:32

Location ID Bog2 Depart time 12:35

Samplers Lindsey Myers, Edwin Bobrycki Date 8/18/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / meadow
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Inside fence / before cow sample

split sample taken

Bacteria Sample Container ID (+90) Collection time 12:33

Bacteria Sample Container ID W19 Collection time 12:34

Water Temperature 15°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 9 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Jawbone Creek Arrival time 14:07

Location ID Bog 1 Depart time 14:10

Samplers Lindsey Myers, Brenda Whited Date 8/23/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ mixed conifer forest - ponderosa dominant
Bank Disturbance	Describe; Grazing related trampling and pocking
Cattle Presence	Cows present; Cows absent ; Fresh disturbance ; Other

Comments:

Fresh manure near stream

Outside fence / after cow sample

Bacteria Sample Container ID 80⊕ Collection time 14:08

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 19°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 9 **Before Cows**; After Cows**Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Tributary of Jawbone Creek Arrival time 14:12Location ID Bog2 Depart time 14:16Samplers Lindsey Myers, Brenda Whited Date 8/23/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / meadow
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Inside fence / before cow sample

Bacteria Sample Container ID Y18 Collection time 14:13

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 18°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 1 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Bourland Creek Arrival time 14:20

Location ID BoM Depart time 14:26

Samplers Lindsey Myers, Brenda Whited Date 6/29/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / below meadow / Red Fir dominant forest
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Control site - not grazed

Lots of snow still present on the ground. Bourland Meadow is flooded.

Bacteria Sample Container ID W6# Collection time 14:23

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 16°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 2 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Bourland Creek Arrival time 14:40

Location ID BoM Depart time 14:44

Samplers Julia Stephens, Lindsey Myers Date 7/7/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High ; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / below meadow / Red Fir dominant forest
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Control site - not grazed

Good amount of snowmelt since last visit.

Bacteria Sample Container ID N3V Collection time 14:42

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 20°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 3 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Bourland Creek Arrival time 14:26

Location ID BoM Depart time 14:30

Samplers Lindsey Myers, Rebecca Cremeen Date 7/21/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / below meadow / Red Fir dominant forest
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Control site - not grazed

Split sample taken.

Bacteria Sample Container ID 965 Collection time 14:27

Bacteria Sample Container ID ⊕15 – split sample Collection time 14:28

Water Temperature 20°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 4 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Bourland Creek Arrival time 13:53

Location ID BoM Depart time 13:56

Samplers Lindsey Myers, Rebecca Cremeen Date 8/4/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / below meadow / Red Fir dominant forest
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Control site - not grazed

Nearby vegetaion is very lush. Warm day.

Took a field blank sample

Bacteria Sample Container ID M4# - field blank Collection time 13:54

Bacteria Sample Container ID D#1 Collection time 13:55

Water Temperature 15°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 5 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Bourland Creek Arrival time 14:53

Location ID BoM Depart time 14:57

Samplers Lindsey Myers, Edwin Bobrycki Date 8/18/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor / below meadow / Red Fir dominant forest
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Control site - not grazed

Vegetation is very lush.

Bacteria Sample Container ID 367 Collection time 14:55

Bacteria Sample Container ID Collection time

Water Temperature 11°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 1 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Cottonwood Creek Arrival time 10:25

Location ID Cottonwood Meadow (CM) Depart time 10:29

Samplers Lindsey Myers, Julia Stephens Date 5/28/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow/ mixed conifer - ponderosa dominant
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID _____ Collection time _____

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 8°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 2 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Cottonwood Creek Arrival time 14:57

Location ID Cottonwood Meadow (CM) Depart time 15:03

Samplers Lindsey Myers, Brenda Whited Date 6/1/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High ; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow/ mixed conifer - ponderosa dominant
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Campers in the nearby area

Bacteria Sample Container ID 07+ Collection time 14:58

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 18°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 3 **Before Cows**; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Cottonwood Creek Arrival time 14:08

Location ID Cottonwood Meadow (CM) Depart time 14:13

Samplers Lindsey Myers, Brenda Whited Date 6/2/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High ; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow/ mixed conifer - ponderosa dominant
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Campers still in the nearby upland area

Bacteria Sample Container ID 0=8 14:58

Bacteria Sample Container ID Collection time

Water Temperature 19°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 4 **Before Cows;** After Cows**Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Tributary of Cottonwood Creek Arrival time 13:13Location ID Cottonwood Meadow (CM) Depart time 13:18Samplers Lindsey Myers, Brenda Whited Date 6/8/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow/ mixed conifer - ponderosa dominant
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID `028` Collection time 13:14

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 20°CTurbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LMDate 8/26/10

Field Datasheet

Sample # 5 **Before Cows;** After Cows**Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Tributary of Cottonwood Creek Arrival time 10:46Location ID Cottonwood Meadow (CM) Depart time 10:51Samplers Lindsey Myers Date 6/9/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow/ mixed conifer - ponderosa dominant
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID P7# Collection time 10:49

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 15°CTurbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LMDate 8/26/10

Field Datasheet

Sample # 6 **Before Cows**; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Cottonwood Creek Arrival time 10:52

Location ID Cottonwood Meadow (CM) Depart time 10:57

Samplers Lindsey Myers, Brenda Whited Date 6/22/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow/ mixed conifer - ponderosa dominant
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 105 Collection time 10:54

Bacteria Sample Container ID Collection time

Water Temperature 15°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 7 **Before Cows**; After Cows**Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Tributary of Cottonwood Creek Arrival time 10:45Location ID Cottonwood Meadow (CM) Depart time 10:49Samplers Julia Stephens, Lindsey Myers Date 7/7/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian below meadow/ mixed conifer - ponderosa dominant
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 720 Collection time 10:46

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 16°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/26/10

Field Datasheet

Sample # 1 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Jawbone Creek Arrival time 13:35

Location ID JC Depart time 13:40

Samplers Lindsey Myers, Rebecca Cremeen Date 6/16/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Cows are in allotment, but have not been observed in this area.

Bacteria Sample Container ID T65 Collection time 13:36

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 12°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 2 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Jawbone Creek Arrival time 9:47

Location ID JC Depart time 9:53

Samplers Lindsey Myers, Brenda Whited Date 6/18/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

No visible cattle disturbance near creek.

Bacteria Sample Container ID 0=8 Collection time 9"50

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 8°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 3 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Jawbone Creek Arrival time 11:50

Location ID JC Depart time 11:53

Samplers Brenda Whited, Lindsey Myers Date 6/22/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 126 Collection time 11:51

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 13°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 4 **Before Cows;** After Cows**Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Jawbone Creek Arrival time 13:45Location ID JC Depart time 13:53Samplers J. Stephens, L. Myers, R. Cremeen Date 5/24/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Took a Field Blank.

Bacteria Sample Container ID √2# Collection time 13:47Bacteria Sample Container ID 1k4 - field blank Collection time 13:50Water Temperature 13°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 5 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Jawbone Creek Arrival time 10:43

Location ID JC Depart time 10:50

Samplers Lindsey Myers, Brenda Whited Date 6/29/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 256 Collection time 10:45

Bacteria Sample Container ID Collection time

Water Temperature 15°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 6 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Jawbone Creek Arrival time 11:17

Location ID JC Depart time 11:19

Samplers Julia Stephens, Lindsey Myers Date 7/7/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; None
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 95# Collection time 11:18

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 16°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 1 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Jawbone Creek Arrival time 11:30

Location ID JC Depart time 11:35

Samplers Lindsey Myers, Rebecca Cremeen Date 7/21/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; Some minor disturbance, cattle hoof prints apparent
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other - Nearby

Comments:

Cows nearby in upland forest.

Bacteria Sample Container ID K=3 Collection time 11:32

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 20°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 2 Before Cows; **After Cows**

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Jawbone Creek Arrival time 12:06

Location ID JC Depart time 12:09

Samplers Brenda Whited, Lindsey Myers Date 7/28/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; Cow prints in gravel
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 367 Collection time 12:08

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 20°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 3 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Jawbone Creek Arrival time 11:43Location ID JC Depart time 11:47Samplers Lindsey Myers, Rebecca Cremeen Date 8/4/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; Yes, cattle crossing and grazing in the area
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

4 cows present across stream 30' above sample site.

Bacteria Sample Container ID D=0 Collection time 11:44

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 19°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 4 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Jawbone Creek Arrival time 11:17Location ID JC Depart time 11:20Samplers Lindsey Myers, Brenda Whited Date 8/5/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; Fresh pocking
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

2 or 3 cows visible near creek. Fresh pockin and manure near sample site.

Bacteria Sample Container ID 367 Collection time 11:18

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 18°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 5 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Jawbone Creek Arrival time 13:24Location ID JC Depart time 13:27Samplers Brenda Whited, Lindsey Myers Date 8/10/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; Fresh sloughing and chiseling
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other- Nearby

Comments:

Cow bells heard upland of creek.

Bacteria Sample Container ID ⊕73 Collection time 13:25

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 20°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 6 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Jawbone Creek Arrival time 14:29Location ID JC Depart time 14:32Samplers Lindsey Myers, Brenda Whited Date 8/23/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low ; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; Some, cattle related
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 453 Collection time 14:30

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 20°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 7 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Jawbone Creek Arrival time 12:56

Location ID JC Depart time 13:00

Samplers Lindsey Myers, Brenda Whited Date 8/23/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low ; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; Some, cattle crossing
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID C6# Collection time 12:57

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 20°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 8 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Jawbone Creek Arrival time _____

Location ID JC Depart time _____

Samplers Lindsey Myers, Brenda Whited Date 8/23/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low ; Low; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Mixed Conifer Forest - Ponderosa dominant
Bank Disturbance	Describe; Old cattle disturbance
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID _____ Collection time _____
Bacteria Sample Container ID _____ Collection time _____

Water Temperature 20°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM Date 8/25/10

Field Datasheet

Sample # 1 **Before Cows;** After Cows**Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Tributary of Reed Creek Arrival time 14:15Location ID LWM Depart time 14:22Samplers Lindsey Myers, Julia Stephens Date 5/24/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High ; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Not fresh - past years pocking and chiseling is still visible
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

split sample taken

Bacteria Sample Container ID S=4 Collection time 14:19Bacteria Sample Container ID 987 - split sample Collection time 14:20Water Temperature 11°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/26/10

Field Datasheet

Sample # 2 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Reed Creek Arrival time 11:33

Location ID LWM Depart time 11:37

Samplers Julia Stephens, Lindsey Myers Date 5/28/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High ; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Not fresh - past years pocking and chiseling is still visible
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Rained the past two days

Bacteria Sample Container ID U=5 Collection time 11:37

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 9°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 3 **Before Cows;** After Cows**Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Tributary of Reed Creek Arrival time 14:00Location ID LWM Depart time 14:07Samplers Lindsey Myers, Brenda Whited Date 6/1/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High ; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Not fresh - past years pocking and chiseling is still visible
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 87 Collection time 14:02

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 16°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/26/10

Field Datasheet

Sample # 4 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Reed Creek Arrival time 12:28

Location ID LWM Depart time 12:34

Samplers Lindsey Myers, Brenda Whited Date 6/2/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Not fresh - past years pocking and chiseling is still visible
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID E=4 Collection time 12:29

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 18°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 5 **Before Cows;** After Cows**Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Tributary of Reed Creek Arrival time 11:43Location ID LWM Depart time 11:47Samplers Lindsey Myers, Brenda Whited Date 6/8/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Not fresh - past years pocking and chiseling is still visible
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

significant amount of algae throughout stream

Bacteria Sample Container ID 963 Collection time 11:44Bacteria Sample Container ID Collection time Water Temperature 18°CTurbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LMDate 8/26/10

Field Datasheet

Sample # 6 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Reed Creek Arrival time 12:05

Location ID LWM Depart time 12:10

Samplers Lindsey Myers Date 6/9/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Not fresh - past years pocking and chiseling is still visible
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 948 Collection time 12:08

Bacteria Sample Container ID Collection time

Water Temperature 18°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 7 **Before Cows;** After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Reed Creek Arrival time 11:37

Location ID LWM Depart time 11:40

Samplers Brenda Whited, Lindsey Myers Date 6/18/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Not fresh - past years pocking and chiseling is still visible
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Significant algal growth continuing

Bacteria Sample Container ID 42+ Collection time 11:39

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 15°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 8 **Before Cows;** After Cows**Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Tributary of Reed Creek Arrival time 15:40Location ID LWM Depart time 15:45Samplers J. Stephens, L. Myers, R. Cremeen Date 6/24/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Not fresh - past years pocking and chiseling is still visible
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Cows were observed close to the meadow but no evidence of cows within the lower mdw or near the sample stream.

Bacteria Sample Container ID `001` Collection time 15:43

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 16°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/26/10

Field Datasheet

Sample # 9 **Before Cows;** After Cows**Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Tributary of Reed Creek Arrival time 12:50Location ID LWM Depart time 12:53Samplers Lindsey Myers, Brenda Whited Date 6/29/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Not fresh - past years pocking and chiseling is still visible
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Cows in nearby upland habitat but have not grazed near the stream yet.

Bacteria Sample Container ID 65⊕ Collection time 12:51

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 20°CTurbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LMDate 8/26/10

Field Datasheet

Sample # 1 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Reed Creek Arrival time 13:19

Location ID LWM Depart time 13:23

Samplers Julia Stephens, Lindsey Myers Date 7/7/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Fresh tramping and pocking along streambank
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

Cows grazing 50 yards above sample sit

Lots of new algal growth

Cow manure near/in water 50' above sample site

Bacteria Sample Container ID 95⊕ Collection time 13:20

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 21°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 2 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Reed Creek Arrival time 12:53

Location ID LWM Depart time 12:58

Samplers Lindsey Myers, Brenda Whited Date 7/8/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Trampling and pocking from cattle crossing and grazing
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 965 Collection time 12:55

Bacteria Sample Container ID Collection time

Water Temperature 21°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 3 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Reed Creek Arrival time 12:30

Location ID LWM Depart time 12:35

Samplers Lindsey Myers, Brenda Whited Date 7/15/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Fresh tramping and pocking along streambank
Cattle Presence	Cows present; Cows absent ; Fresh disturbance ; Other

Comments:

Cows not currently present but fresh pocking along streambank

Upper meadow has significant amount of grazing

split sample taken

Bacteria Sample Container ID 974 Collection time 12:32

Bacteria Sample Container ID 45Ø - split sample Collection time 12:33

Water Temperature 20°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 4 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Reed Creek Arrival time 13:12

Location ID LWM Depart time 13:16

Samplers Lindsey Myers, Rebecca Cremeen Date 7/21/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Trampling and pocking along streambank
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other - Nearby

Comments:

Can hear cow bells in nearby upland habitat

Bacteria Sample Container ID J1V Collection time 13:13

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 21°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 5 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Reed Creek Arrival time 13:30

Location ID LWM Depart time 13:34

Samplers Lindsey Myers, Brenda Whited Date 7/28/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Fresh tramping and pocking along streambank
Cattle Presence	Cows present; Cows absent; Fresh disturbance ; Other

Comments:

Cows not currently present, but fresh disturbance is evident

Bacteria Sample Container ID 991 Collection time 13:32

Bacteria Sample Container ID Collection time

Water Temperature 22°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 6 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Reed Creek Arrival time 12:31

Location ID LWM Depart time 12:35

Samplers Lindsey Myers, Rebecca Cremeen Date 8/4/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low ; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Trampling and pocking along streambank
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 147 Collection time 12:32

Bacteria Sample Container ID Collection time

Water Temperature 20°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 7 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Reed Creek Arrival time 12:04

Location ID LWM Depart time 12:07

Samplers Lindsey Myers, Brenda Whited Date 8/5/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low ; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Chiseled streambanks and bare dirt
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID J8# Collection time 12:05

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 18°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 8 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Tributary of Reed Creek Arrival time 14:38Location ID LWM Depart time 14:42Samplers Lindsey Myers, Brenda Whited Date 8/10/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low ; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Trampling and pocking along streambank
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Sloughing and trampling of headcut (above sample site) has resulted in the headcut receding further up meadow.

Bacteria Sample Container ID 117 Collection time 14:40

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 19°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/26/10

Field Datasheet

Sample # 9 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Reed Creek Arrival time 13:40

Location ID LWM Depart time 13:43

Samplers Lindsey Myers, Edwin Bobrycki Date 8/18/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low ; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian / Meadow
Bank Disturbance	Describe; Trampling and pocking along streambank
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 5#A Collection time 13:40

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 20°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 1 **Before Cows;** After Cows**Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Rose Creek Arrival time 11:20Location ID RC Depart time 11:24Samplers Lindsey Myers, Rebecca Cremeen Date 5/4/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other - None
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Yes, motorcycle crossing apparent
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Tire tracks leading up to stream and visible on other side of stream.

Cattle not in allotment. Deer nearby. High discharge coming from springs.

Bacteria Sample Container ID 33⊕ Collection time 11:21

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 10°CTurbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 2 **Before Cows;** After Cows**Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Rose Creek Arrival time 11:38Location ID RC Depart time 11:43Samplers Lindsey Myers, Rebecca Cremeen Date 5/5/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Yes, motorcycle crossing apparent
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 822 Collection time 11:40

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 10 °CTurbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 3 **Before Cows;** After Cows**Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Rose Creek Arrival time 14:02Location ID RC Depart time 14:06Samplers Lindsey Myers, Julia Stephens Date 5/7/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Yes, motorcycle crossing apparent
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID (+90) Collection time 14:03

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 11 °CTurbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 1 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Rose Creek Arrival time 11:08Location ID RC Depart time 11:13Samplers Lindsey Myers, Rebecca Cremeen Date 5/12/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High ; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Yes, cattle crossing
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

10 plus cows in nearby area of this sample site. Cows not suppose to be in allotment until 5/15/10 according to Forest Service Range Management personnel.
Cattle released early into allotment???

Bacteria Sample Container ID X21 Collection time 11:10

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 11°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 2 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Rose Creek Arrival time 14:15

Location ID RC Depart time 14:19

Samplers Lindsey Myers, Brenda Whited Date 5/14/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High ; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Yes, cattle crossing
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 481 Collection time 14:17

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 13°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 3 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Rose Creek Arrival time 11:05

Location ID RC Depart time 11:11

Samplers Lindsey Myers, Brenda Whited Date 5/20/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High ; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Yes, cows trampled streambank by sample site
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Foam build-up by strainer.

Bacteria Sample Container ID 01# Collection time 11:06

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 12°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 4 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Rose Creek Arrival time 11:35

Location ID RC Depart time 11:42

Samplers Lindsey Myers, Brenda Whited Date 6/1/10

Site Observations:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; cattle trampling
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID R=4 Collection time 11:38

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 14°C

Turbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 5 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Rose Creek Arrival time 15:00Location ID RC Depart time 15:04Samplers Rebecca Cremeen, Lindsey Myers Date 6/9/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy ; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High ; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Past disturbance, but not fresh
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Heard cow bells far upstream and saw cattle down 4N16.

Bacteria Sample Container ID AØ# Collection time 15:01

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 16 °CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 6 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Rose Creek Arrival time 11:10Location ID RC Depart time 11:15Samplers Lindsey Myers, Rebecca Cremeen Date 6/16/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Yes, cattle crossing
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other

Comments:

2 groups of cows in the area. One near the Creek and one up above near the seeps.
Cows ran across creek 75' upstream of sample site just before we took the sample.

Field Blank sample taken.

Bacteria Sample Container ID 114 Collection time 11:11Bacteria Sample Container ID 1#A - Field Blank Collection time 11:12Water Temperature 14°CTurbidity sample collected: **Yes;** No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 7 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Rose Creek Arrival time 13:20Location ID RC Depart time 13:26Samplers Lindsey Myers, Brenda Whited Date 6/23/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Cattle crossing
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

~12 cows crossed Rose Creek ~50' upstream of sample site. Water is very murky, can't see bottom.

Water just upstream of cattle crossing is very clear.

Split sample taken.

Bacteria Sample Container ID 95# Collection time 13:22Bacteria Sample Container ID (+52) - split sample Collection time 13:23Water Temperature 20°C

Turbidity sample collected: Yes; No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 8 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Rose Creek Arrival time 11:14Location ID RC Depart time 11:20Samplers Julia Stephens, Lindsey Myers Date 6/25/10**Site Observations:**

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle ; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Pocking, chiseling, trampling along streambank
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

Cow manure along creek edge.

Bacteria Sample Container ID D#1 Collection time 11:16

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 14 °CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM Date 8/25/10

Field Datasheet

Sample # 9 Before Cows; **After Cows**

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Rose Creek Arrival time 11:06

Location ID RC Depart time 11:10

Samplers Lindsey Myers, Julia Stephens Date 6/30/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Trampling and chiseling along streambank
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 130 Collection time 11:08

Bacteria Sample Container ID Collection time

Water Temperature 17 °C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 10 Before Cows; **After Cows****Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Rose Creek Arrival time 14:10Location ID RC Depart time 14:15Samplers Lindsey Myers, Brenda Whited Date 7/6/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility) ; Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium ; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown ; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Yes, cow crossing
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

Cows crossed stream 20' above sample site. Creek very cloudy/turbid.

The water is clear above the cattle crossing.

Bacteria Sample Container ID 383 Collection time 14:12

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 22 °CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 11 Before Cows; **After Cows**

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Rose Creek Arrival time 14:30

Location ID RC Depart time 14:35

Samplers Julia Stephens, Lindsey Myers Date 7/12/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Clear cattle trail; chiseling, pocking, trampling of streambank
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 367 Collection time 14:32

Bacteria Sample Container ID Collection time

Water Temperature 24 °C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM Date 8/25/10

Field Datasheet

Sample # 12 Before Cows; **After Cows**

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Rose Creek Arrival time 14:58

Location ID RC Depart time 15:05

Samplers Julia Stephens, Lindsey Myers Date 7/19/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Fresh trampling and chiseling @ cow crossing
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 954 Collection time 15:00

Bacteria Sample Container ID Collection time

Water Temperature 25 °C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM Date 8/25/10

Field Datasheet

Sample # 13 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Rose Creek Arrival time 15:07Location ID RC Depart time 15:13Samplers Julia Stephe, Lindsey Myers Date 7/19/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Fresh trampling and chiseling @ cow crossing
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

Cow manure in and around creek.

We noticed that the water (due to the low flow) was now braiding above our regular sample site (meaning- that we were no longer sampling the centroid flow).

We decided to take a second sample 20' below the regular site (20' downstream) where the creek's water converged back together and we could sample the centroid flow again.

We used this sample site for the remainder of the samples taken.

Bacteria Sample Container ID (+75) Collection time 15:10

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 24 °CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 14 Before Cows; **After Cows**

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Rose Creek Arrival time 13:39

Location ID RC Depart time 13:44

Samplers Julia Stephens, Lindsey Myers Date 7/26/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility) ; Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Fresh pocking and chiseling along streambank
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

Cows crossed creek just prior to taking sample, stirred up sediment, water cloudy.

Bacteria Sample Container ID 136 Collection time 13:41

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 24 °C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 15 Before Cows; **After Cows**

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Rose Creek Arrival time 15:29

Location ID RC Depart time 15:33

Samplers Julia Stephens, Lindsey Myers Date 7/29/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Fresh disturbance along streambank
Cattle Presence	Cows present ; Cows absent; Fresh disturbance; Other

Comments:

The trampling and pocking of streambank continues to increase in significance.

Bacteria Sample Container ID 173 Collection time 15:31

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 24 °C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM Date 8/25/10

Field Datasheet

Sample # 16 Before Cows; **After Cows****Surface Water Ambient Monitoring Project in the Stanislaus National Forest**Waterbody Name Rose Creek Arrival time 15:00Location ID RC Depart time 15:05Samplers Julia Stephens, Lindsey Myers Date 8/5/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Chiseling/pocking/trampling
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Fresh manure and pocking along streambank above sample site.

Cows nearby in the upland habitat.

Split sample taken.

Bacteria Sample Container ID 455 Collection time 15:02Bacteria Sample Container ID 988 - split sample Collection time 15:03Water Temperature 24 °CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/25/10

Field Datasheet

Sample # 17 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Rose Creek Arrival time 14:44

Location ID RC Depart time 14:47

Samplers Lindsey Myers, Edwin Bobrycki Date 8/13/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants ; leaf litter; trash; Other
Habitat	Describe; Riparian corridor/ Ponderosa pine plantation/ open
Bank Disturbance	Describe; Cattle crossing
Cattle Presence	Cows present; Cows absent; Fresh disturbance; Other - Nearby

Comments:

Can hear cowbells downstream

Bacteria Sample Container ID 242 Collection time 14:45

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 25 °C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/25/10

Field Datasheet

Sample # 1 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Elbow Creek Arrival time 12:55

Location ID Sheep Meadow (SM2) Depart time 13:00

Samplers Julia Stephens, Lindsey Myers Date 8/2/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other - Aquatic insects
Habitat	Describe; Riparian/ dry alpine / meadow/ lodgepole forest
Bank Disturbance	Describe; Pocking and tramping of streambank from cattle hooves
Cattle Presence	Cows present; Cows absent ; Fresh disturbance ; Other

Comments:

Cows in nearby upland habitat

Bacteria Sample Container ID 174 Collection time 12:59

Bacteria Sample Container ID Collection time

Water Temperature 17°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 1 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Elbow Creek Arrival time 13:02

Location ID Sheep Meadow (SM3) Depart time 13:06

Samplers Lindsey Myers, Julia Stephens Date 8/2/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other - Aquatic insects
Habitat	Describe; Riparian/ dry alpine / meadow/ lodgepole forest
Bank Disturbance	Describe; Pocking and tramping of streambank from cattle hooves
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Cows in nearby upland habitat

Some cow manure near/in the stream

Bacteria Sample Container ID -44 Collection time 13:05

Bacteria Sample Container ID Collection time

Water Temperature 20°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 2 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Elbow Creek Arrival time 11:32

Location ID Sheep Meadow (SM2) Depart time 11:35

Samplers Lindsey Myers, Julia Stephens Date 8/6/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other - Aquatic insects
Habitat	Describe; Riparian/ dry alpine / meadow/ lodgepole forest
Bank Disturbance	Describe; Pocking and tramping of streambank from cattle hooves
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID (+90) Collection time 11:34

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 14°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 2 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Elbow Creek Arrival time 11:38

Location ID Sheep Meadow (SM3) Depart time 11:43

Samplers Lindsey Myers, Julia Stephens Date 8/6/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium ; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other - Aquatic insects
Habitat	Describe; Riparian/ dry alpine / meadow/ lodgepole forest
Bank Disturbance	Describe; Pocking and tramping of streambank from cattle hooves
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 31X Collection time 11:39

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 17°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 3 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Elbow Creek Arrival time 11:52

Location ID Sheep Meadow (SM2) Depart time 11:54

Samplers Lindsey Myers, Brenda Whited Date 8/11/10

Site Observations:

Cloud Cover	<u>No Clouds; Partly Cloudy; Cloudy Sky (overcast)</u>
Precipitation	<u>None; Misty; Foggy; Drizzle; Rain; Snow</u>
Wind	<u>Calm; Breezy; Windy</u>
Water Murkiness	<u>Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)</u>
Flow (relative)	<u>Very Low; Low; Medium; High; Very High; Same</u>
Sample color	<u>None; Amber; Yellow; Green; Brown; Gray; Other</u>
Sample odor	<u>None; Algae smell; Chlorine; Sulfide; Sewage; Other</u>
Presence	<u>Algae or water plants; leaf litter; trash; Other - Aquatic insects</u>
Habitat	<u>Describe; Riparian/ dry alpine / meadow/ lodgepole forest</u>
Bank Disturbance	<u>Describe; Pocking and tramping of streambank from cattle hooves</u>
Cattle Presence	<u>Cows present; Cows absent; Fresh disturbance; Other</u>

Comments:

Bacteria Sample Container ID 821 Collection time 11:53

Bacteria Sample Container ID Collection time

Water Temperature 13°C

Turbidity sample collected: Yes; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 3 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Elbow Creek Arrival time 11:56

Location ID Sheep Meadow (SM3) Depart time 12:00

Samplers Lindsey Myers, Brenda Whited Date 8/11/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other - Aquatic insects
Habitat	Describe; Riparian/ dry alpine / meadow/ lodgepole forest
Bank Disturbance	Describe; Pocking and tramping of streambank from cattle hooves
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

Bacteria Sample Container ID 31X Collection time 11:57

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 17°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 4 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Elbow Creek Arrival time 11:35

Location ID Sheep Meadow (SM2) Depart time 11:38

Samplers Brenda Whited, Lindsey Myers Date 8/19/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other - Aquatic insects
Habitat	Describe; Riparian/ dry alpine / meadow/ lodgepole forest
Bank Disturbance	Describe; Pocking and tramping of streambank from cattle hooves
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

7 cows nearby in upper meadow above fenced portion of meadow

Bacteria Sample Container ID 43⊕ Collection time 11:37

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 14°C

Turbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LM

Date 8/26/10

Field Datasheet

Sample # 4 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Waterbody Name Tributary of Elbow Creek Arrival time 11:42

Location ID Sheep Meadow (SM3) Depart time 11:45

Samplers Brenda Whited, Lindey Myers Date 8/19/10

Site Observations:

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm ; Breezy; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low ; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other - Aquatic insects
Habitat	Describe; Riparian/ dry alpine / meadow/ lodgepole forest
Bank Disturbance	Describe; Pocking and tramping of streambank from cattle hooves
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

7 cows nearby in upper meadow above fenced portion of meadow

split sample taken

Bacteria Sample Container ID 140 Collection time 11:44

Bacteria Sample Container ID 991 - split sample Collection time 11:45

Water Temperature 16°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/26/10

Field Datasheet

Sample # 5 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Tributary of Elbow Creek Arrival time 12:19Location ID Sheep Meadow (SM2) Depart time 12:23Samplers Lindsey Myers, Rebecca Cremeen Date 8/20/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other - Aquatic insects
Habitat	Describe; Riparian/ dry alpine / meadow/ lodgepole forest
Bank Disturbance	Describe; Pocking and tramping of streambank from cattle hooves
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

took a field blank

18 cows in upper meadow above fenced portion of meadow

Bacteria Sample Container ID 323 - field blank Collection time 12:20Bacteria Sample Container ID 155 Collection time 12:22Water Temperature 16°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/26/10

Field Datasheet

Sample # 5 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Tributary of Elbow Creek Arrival time 12:32Location ID Sheep Meadow (SM3) Depart time 12:36Samplers Lindsey Myers, Rebecca Cremeen Date 8/20/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low ; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other - Aquatic insects
Habitat	Describe; Riparian/ dry alpine / meadow/ lodgepole forest
Bank Disturbance	Describe; Pocking and tramping of streambank from cattle hooves
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

18 cows in upper meadow above the fenced portion of the meadow

Bacteria Sample Container ID 596 Collection time 12:34

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 19°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/26/10

Field Datasheet

Sample # 6 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Tributary of Elbow Creek Arrival time 10:24Location ID Sheep Meadow (SM2) Depart time 10:27Samplers Lindsey Myers, Brenda Whited Date 8/23/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other - Aquatic insects
Habitat	Describe; Riparian/ dry alpine / meadow/ lodgepole forest
Bank Disturbance	Describe; Pocking and tramping of streambank from cattle hooves
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

9 cows in upper meadow above the fenced portion of the meadow

Bacteria Sample Container ID N=1 Collection time 10:25

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 10°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/26/10

Field Datasheet

Sample # 6 Before Cows; After Cows

Surface Water Ambient Monitoring Project in the Stanislaus National ForestWaterbody Name Tributary of Elbow Creek Arrival time 10:28Location ID Sheep Meadow (SM3) Depart time 10:31Samplers Lindsey Myers, Brenda Whited Date 8/23/10**Site Observations:**

Cloud Cover	No Clouds ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None ; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy ; Windy
Water Murkiness	Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low ; Low ; Medium; High; Very High; Same
Sample color	None ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other - Aquatic insects
Habitat	Describe; Riparian/ dry alpine / meadow/ lodgepole forest
Bank Disturbance	Describe; Pocking and tramping of streambank from cattle hooves
Cattle Presence	Cows present; Cows absent ; Fresh disturbance; Other

Comments:

9 cows currently in upper meadow above fenced portion of meadow

Bacteria Sample Container ID F8# Collection time 10:29

Bacteria Sample Container ID _____ Collection time _____

Water Temperature 11°CTurbidity sample collected: **Yes**; No

Comments:

Entered into dBase by: LMDate 8/26/10