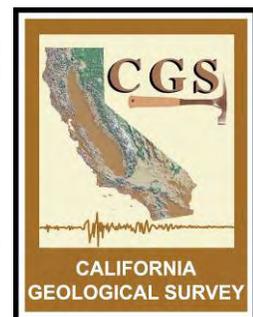


A Rapid Assessment of Sediment Delivery from Clearcut Timber Harvest Activities in the Battle Creek Watershed, Shasta and Tehama Counties, California

Appendix G



November, 2011



Appendix G

to

A Rapid Assessment of Sediment Delivery from Clearcut Timber Harvest Activities in the Battle Creek Watershed, Shasta and Tehama Counties, California

November, 2011

Report prepared at the request of
The California Resources Agency

by staff from

The California Department of Forestry and Fire Protection (CAL FIRE)
The California Department of Fish and Game (DFG)
The Central Valley Regional Water Resource Control Board (CV RWQCB)
and
The California Geological Survey (CGS)

Appendices

A - Battle Creek Turbidity Data

A.1 - Battle Creek Turbidity Data Distributed September 20, 2011

A.2 - October 3, 2011 CVRWQCB response to receipt of turbidity data

A.3 - October 3, 2011 CVRWQCB review of turbidity data

B - Figures Used to Help Scope Agency Field Investigation

C - Assessment-Area Planning-Watershed Geology Maps

D - Assessment-Area Planning-Watershed Soils maps

E - Assessment-Area THP Information

F - Field Data-Collection Form

G - Completed Data-Collection Forms

Appendix G

Completed Data-Collection Forms

General Information
 Date: 9/14/11 Time: 2:00 Team#: SNA THP# 2-13-162
 Watershed #: 5507 GPS: N607153 / 4482019
 Sec. _____ Township: _____ Range: _____
 Camera I.D.: 25721 Photo number(s): 1010

Site I.D.: SX011
~~SK011~~

Sediment Delivery
 Has sediment delivered? Yes No Maybe Deliv. through buffer _____ ft. Buffer dist.
 Receiving Watercourse Type? Class I Class II Class III Class IV
 Associated with timber operations? Yes No Maybe
 Provide range of estimated volume delivered: ≤1 cy 1≤5 cy 5≤10 cy >10 cy _____ cy³

Erosion Source

Surface Erosion	Fluvial Erosion	Mass Wasting	Other
<input checked="" type="checkbox"/> Sheet wash	<input type="checkbox"/> Gully (>6"x6")	<input type="checkbox"/> Rotational	<input type="checkbox"/> Debris slide
<input type="checkbox"/> Rill (≤ 6"x6")	<input type="checkbox"/> Bank failure	<input type="checkbox"/> Translational	<input type="checkbox"/> Debris torrent/flow
Explanation: _____			
Relative age of source: <input type="checkbox"/> ≤1 yr <input type="checkbox"/> 1≤5 yr <input type="checkbox"/> 5≤10 yr <input type="checkbox"/> >10 yr <input checked="" type="checkbox"/> Continuous			

Sediment Source Association

Clearcut Unit	Watercourse Crossing/Drafting Site
Unit ID: <u>NEAR 443</u> Average Slope: _____ %	Crossing name/I.D.: _____
Yarding method: <input type="checkbox"/> Tractor <input type="checkbox"/> Cable	Road name/I.D.: <u>ROCK CREEK</u>
Contour ripped? <input type="checkbox"/> yes <input type="checkbox"/> No	Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public
Soil type / Parent material: _____	Type: <input type="checkbox"/> Bridge <input type="checkbox"/> Tractor crossing
Percent veg. cover: <input type="checkbox"/> 0-25% <input type="checkbox"/> 26-50%	<input checked="" type="checkbox"/> Culvert: Diameter: <u>25</u> in.
<input type="checkbox"/> 51-75% <input type="checkbox"/> 76-100%	<input type="checkbox"/> Ford: <input type="checkbox"/> Rocked <input type="checkbox"/> Native
<input type="checkbox"/> Road	<input type="checkbox"/> Dip: <input type="checkbox"/> Rocked <input type="checkbox"/> Native
Road name/I.D.: <u>ROCK CREEK RD</u>	<input type="checkbox"/> Other: _____
Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public	Functioning (partial failure=failure): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gated: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Approaches: <input checked="" type="checkbox"/> Rocked <input type="checkbox"/> Paved <input type="checkbox"/> Native
In the WLPZ/ELZ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Other: _____
Surface: <input checked="" type="checkbox"/> Rocked <input type="checkbox"/> Paved <input type="checkbox"/> Native	Combined road approach length: _____ ft.
Soil type / Parent material: <u>FLUVAL</u>	<input type="checkbox"/> Landing
Road shape: <input type="checkbox"/> Insloped <input type="checkbox"/> Outsloped	Adequate drainage: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Crowned <input type="checkbox"/> Other	In the WLPZ/ELZ? <input type="checkbox"/> Yes <input type="checkbox"/> No
Approx. length of road drainage to discharge point? <u>1000</u> ft.	Percent veg. cover: <input type="checkbox"/> 0-25% <input type="checkbox"/> 26-50%
Average road grade? <u>10</u> %	<input type="checkbox"/> 51-75% <input type="checkbox"/> 76-100%
<input type="checkbox"/> Other w/ explanation	Soil type / Parent material: _____
Explanation: _____	

General Recommendations
110' STREAM OF CANADIAN CREEK
1000' OF INSIDE DITCH (FROM EAST) ABOUT 50 CY POTENTIALLY

Regulations
 Were obviously known State Regulations/Laws violated? Yes No
 Provide description of violation: _____

Comments (back of page)

- Notes:
- Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
 U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
 - CGS datum use NAD 83, Zone 10
 - Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

1-5 cu of sediment continuously accumulating

about 50-100 cu of sediment potentially delivered. BUT NO
evidence of sediment in outside ditch 1000' from the East.

NOT SURE IF ROUTINE MAINTENANCE CAN REMOVE
sediment from ditch.

General Information
 Date: 9/14/11 Time: 1:20 Team#: SHA THP# 2-03-162
 Watershed #: 5507 GPS: N6010W39 / 4482139
 Sec. _____ Township: _____ Range: _____
 Camera I.D.: 23721 Photo number(s): 101

5x009
 Site I.D.: 5x009

Sediment Delivery
 Has sediment delivered? Yes No Maybe Deliv. through buffer _____ ft. Buffer dist.
 Receiving Watercourse Type? Class I Class II Class III Class IV
 Associated with timber operations? Yes No Maybe
 Provide range of estimated volume delivered: <1 cy 1<5 cy 5<10 cy >10 cy cy³

Erosion Source

Surface Erosion	Fluvial Erosion	Mass Wasting	Other
<input checked="" type="checkbox"/> Sheet wash	<input type="checkbox"/> Gully (>6"x6")	<input type="checkbox"/> Rotational	<input type="checkbox"/> Debris slide
<input type="checkbox"/> Rill (<=6"x6")	<input type="checkbox"/> Bank failure	<input type="checkbox"/> Translational	<input type="checkbox"/> Debris torrent/flow
Explanation: _____			
Relative age of source: <input type="checkbox"/> <1 yr <input type="checkbox"/> 1<5 yr <input type="checkbox"/> 5<10 yr <input type="checkbox"/> >10 yr <input checked="" type="checkbox"/> Continuous			

Sediment Source Association

<input type="checkbox"/> Clearcut Unit	<input checked="" type="checkbox"/> Watercourse Crossing/Drafting Site
Unit ID: <u>NEAK 444</u> Average Slope: _____ %	Crossing name/I.D.: _____
Yarding method: <input type="checkbox"/> Tractor <input type="checkbox"/> Cable	Road name/I.D.: <u>Rock Creek Rd</u>
Contour ripped? <input type="checkbox"/> yes <input type="checkbox"/> No	Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public
Soil type / Parent material: _____	Type: <input type="checkbox"/> Bridge <input type="checkbox"/> Tractor crossing
Percent veg. cover: <input type="checkbox"/> 0-25% <input type="checkbox"/> 26-50%	<input checked="" type="checkbox"/> Culvert: Diameter: <u>18</u> in.
<input type="checkbox"/> 51-75% <input type="checkbox"/> 76-100%	<input type="checkbox"/> Ford: <input type="checkbox"/> Rocked <input type="checkbox"/> Native
<input checked="" type="checkbox"/> Road	<input type="checkbox"/> Dip: <input type="checkbox"/> Rocked <input type="checkbox"/> Native
Road name/I.D.: <u>ROCK CREEK ROAD</u>	<input type="checkbox"/> Other: _____
Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public	Functioning (partial failure=failure): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gated: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Approaches: <input checked="" type="checkbox"/> Rocked <input type="checkbox"/> Paved <input type="checkbox"/> Native
In the WLPZ/ELZ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Other: _____
Surface: <input checked="" type="checkbox"/> Rocked <input type="checkbox"/> Paved <input type="checkbox"/> Native	Combined road approach length: _____ ft.
Soil type / Parent material: <u>firavel</u>	<input type="checkbox"/> Landing
Road shape: <input type="checkbox"/> Insloped <input type="checkbox"/> Outsloped	Adequate drainage: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Crowned <input type="checkbox"/> Other	In the WLPZ/ELZ? <input type="checkbox"/> Yes <input type="checkbox"/> No
Approx. length of road drainage to discharge point? <u>530</u> ft.	Percent veg. cover: <input type="checkbox"/> 0-25% <input type="checkbox"/> 26-50%
Average road grade? <u>Average 10</u> %	<input type="checkbox"/> 51-75% <input type="checkbox"/> 76-100%
<input type="checkbox"/> Other w/ explanation (<u>6° to 13%</u>)	Soil type / Parent material: _____
Explanation: _____	

General Recommendations
Crossing less an 100' from Canyon Creek

Regulations
 Were obviously known State Regulations/Laws violated? Yes No
 Provide description of violation: _____

Comments (back of page)

- Notes:
- Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
 U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
 - CGS datum use NAD 83, Zone 10
 - Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

General Information
 Date: 9/14/11 Time: 12:10 Team#: SNA THP# 2-03-162
 Watershed #: 5507 GPS: 060507914481265
 Sec. _____ Township: _____ Range: _____
 Camera I.D.: 23721 Photo number(s): 50-58

Sx006
 Site I.D.: SR006

Sediment Delivery
 Has sediment delivered? Yes No Maybe Deliv. through buffer _____ ft. Buffer dist.
 Receiving Watercourse Type? Class I Class II Class III Class IV
 Associated with timber operations? Yes No Maybe mult. land uses
 Provide range of estimated volume delivered: <1 cy 1-5 cy 5-10 cy >10 cy cy³

Erosion Source

Surface Erosion	Fluvial Erosion	Mass Wasting		Other
<input checked="" type="checkbox"/> Sheet wash	<input type="checkbox"/> Gully (>6"x6")	<input type="checkbox"/> Rotational	<input type="checkbox"/> Debris slide	<input type="checkbox"/> w/ explanation
<input type="checkbox"/> Rill (<6"x6")	<input type="checkbox"/> Bank failure	<input type="checkbox"/> Translational	<input type="checkbox"/> Debris torrent/flow	

Explanation: _____
 Relative age of source: <1 yr 1-5 yr 5-10 yr >10 yr Continuous

Sediment Source Association

<input type="checkbox"/> Clearcut Unit	<input type="checkbox"/> Watercourse Crossing/Drafting Site
Unit ID: _____ Average Slope: _____ %	Crossing name/I.D.: _____
Yarding method: <input type="checkbox"/> Tractor <input type="checkbox"/> Cable	Road name/I.D.: <u>Rock Creek Road</u>
Contour ripped? <input type="checkbox"/> yes <input type="checkbox"/> No	Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public
Soil type / Parent material: _____	Type: <input checked="" type="checkbox"/> Bridge <input type="checkbox"/> Tractor crossing
Percent veg. cover: <input type="checkbox"/> 0-25% <input type="checkbox"/> 26-50%	<input type="checkbox"/> Culvert: Diameter: _____ in.
<input type="checkbox"/> 51-75% <input type="checkbox"/> 76-100%	<input type="checkbox"/> Ford: <input type="checkbox"/> Rocked <input type="checkbox"/> Native
<input checked="" type="checkbox"/> Road	<input type="checkbox"/> Dip: <input type="checkbox"/> Rocked <input type="checkbox"/> Native
Road name/I.D.: <u>Rock Creek Rd</u>	<input type="checkbox"/> Other: _____
Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public	Functioning (partial failure=failure): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gated: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Approaches: <input checked="" type="checkbox"/> Rocked <input type="checkbox"/> Paved <input type="checkbox"/> Native
In the WLPZ/ELZ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Other: _____
Surface: <input checked="" type="checkbox"/> Rocked <input type="checkbox"/> Paved <input type="checkbox"/> Native	Combined road approach length: _____ ft.
Soil type / Parent material: <u>fine sediment</u>	<input type="checkbox"/> Landing
Road shape: <input type="checkbox"/> Insloped <input type="checkbox"/> Outsloped	Adequate drainage: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Crowned <input checked="" type="checkbox"/> Other <u>thru-cut</u>	In the WLPZ/ELZ? <input type="checkbox"/> Yes <input type="checkbox"/> No
Approx. length of road drainage to discharge point? _____ ft.	Percent veg. cover: <input type="checkbox"/> 0-25% <input type="checkbox"/> 26-50%
Average road grade? <u>5% from North</u>	<input type="checkbox"/> 51-75% <input type="checkbox"/> 76-100%
<input type="checkbox"/> Other w/ explanation	Soil type / Parent material: _____
Explanation: _____	

General Recommendations
Intersection of County Rock Creek Rd # 240 @
bridge over Rock Creek, erosion source is an annual contribution.

Regulations
 Were obviously known State Regulations/Laws violated? Yes No
 Provide description of violation: _____

Comments (back of page)

- Notes:
- Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
 U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
 - CGS datum use NAD 83, Zone 10
 - Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

General Information

Date: 9/14/11 Time: Team#: SNA THP# 2-03-162
Watershed #: 5507 GPS: 0604642 / 4488959
Sec. Township: Range:
Camera I.D.: 23721 Photo number(s): 59

Site I.D.: SR007

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV
Associated with timber operations? Yes No Maybe
Provide range of estimated volume delivered: <1 cy 1<=5 cy 5<=10 cy >10 cy cy³

Erosion Source

Surface Erosion Sheet wash Rill (<= 6"x6")
Fluvial Erosion Gully (>6"x6") Bank failure
Mass Wasting Rotational Translational Debris slide Debris torrent/flow
Other w/ explanation

Explanation:
Relative age of source: <=1 yr 1<=5 yr 5<=10 yr >10 yr Continuous

Sediment Source Association

Clearcut Unit
Unit ID: Average Slope: %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material:
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%

Watercourse Crossing/Drafting Site
Crossing name/I.D.: County Culvert
Road name/I.D.: Rock Creek Rd
Ownership: Private Public
Type: Bridge Tractor crossing
 Culvert: Diameter: 18 in.
 Ford: Rocked Native
 Dip: Rocked Native
 Other:

Road
Road name/I.D.: Rock Creek Rd
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No
Surface: Rocked Paved Native
Soil type / Parent material: Fine sediment
Road shape: Insloped Outsloped
 Crowned Other
Approx. length of road drainage to discharge point? ft.
Average road grade? 39% Average

Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native
 Other:
Combined road approach length: TDSR006

Other w/ explanation
Explanation:

Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
Soil type / Parent material:

General Recommendations

EROSION COMES FROM ABOUT 100' WEST OF ROCK CREEK BRIDGE VIA SHEET WASH FROM INSIDE DITCH.

Regulations

Were obviously known State Regulations/Laws violated? Yes No
Provide description of violation:

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
- 2. CGS datum use NAD 83, Zone 10
- 3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

General Information

Date: 9/14/11 Time: 11:30 Team#: SMA THP# 2-03-162
Watershed #: 5507 GPS: 06042851 4480281
Sec. _____ Township: _____ Range: _____
Camera I.D.: 23721 Photo number(s): 51-52

Site I.D.: BR004

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer _____ ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV
Associated with timber operations? Yes No Maybe
Provide range of estimated volume delivered: ≤1 cy 1≤5 cy 5≤10 cy >10 cy cy³

Erosion Source

Surface Erosion Sheet wash Rill (≤ 6"x6")
Fluvial Erosion Gully (>6"x6") Bank failure
Mass Wasting Rotational Translational Debris slide Debris torrent/flow
Other w/ explanation
Explanation: _____
Relative age of source: ≤1 yr 1≤5 yr 5≤10 yr >10 yr Continuous

Sediment Source Association

Clearcut Unit
Unit ID: near 485 Average Slope: _____ %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material: _____
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
 Road
Road name/I.D.: Long Hwy Flat
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No Adjacent
Surface: Rocked Paved Native
Soil type / Parent material: _____
Road shape: Insloped Outsloped
 Crowned Other
Approx. length of road drainage to discharge point? _____ ft.
Average road grade? 2 %
 Other w/ explanation

Watercourse Crossing/Drafting Site
Crossing name/I.D.: _____
Road name/I.D.: _____
Ownership: Private Public
Type: Bridge Tractor crossing
 Culvert: Diameter: _____ in.
 Ford: Rocked Native
 Dip: Rocked Native
 Other: _____
Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native
 Other: _____
Combined road approach length: _____ ft.

Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
Soil type / Parent material: _____

General Recommendations

CORNER OF LONG HWY FLAT & 0910 Q

Regulations

Were obviously known State Regulations/Laws violated? Yes No
Provide description of violation: _____

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
- 2. CGS datum use NAD 83, Zone 10
- 3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

General Information

Date: 9/14/11 Time: 1:30 Team#: SM THP# 2-03-162
Watershed #: 6507 GPS#: 06070351 4482023
Sec. Township: Range:
Camera I.D.: 23721 Photo number(s): 02-105

Site I.D.: SU010

Sediment Delivery

Has sediment delivered? [] Yes [x] No [] Maybe [] Deliv. through buffer [] ft. Buffer dist.
Receiving Watercourse Type? [] Class I [] Class II [] Class III [] Class IV
Associated with timber operations? [] Yes [] No [] Maybe
Provide range of estimated volume delivered: [] <=1 cy [] 1<=5 cy [] 5<=10 cy [] >10 cy [] cy^3

Erosion Source

Surface Erosion [] Sheet wash [] Rill (<= 6"x6")
Fluvial Erosion [] Gully (>6"x6") [] Bank failure
Mass Wasting [] Rotational [] Translational [] Debris slide [] Debris torrent/flow
Other [] w/ explanation
Explanation:
Relative age of source: [] <=1 yr [] 1<=5 yr [] 5<=10 yr [] >10 yr [] Continuous

Sediment Source Association

[x] Clearcut Unit
Unit ID: 443 Average Slope: 20 %
Yarding method: [] Tractor [] Cable
Contour ripped? [] yes [] No
Soil type / Parent material: Tall grass
Percent veg. cover: [] 0-25% [] 26-50% [] 51-75% [x] 76-100%
[] Road
Road name/I.D.:
Ownership: [] Private [] Public
Gated: [] Yes [] No
In the WLPZ/ELZ? [] Yes [] No
Surface: [] Rocked [] Paved [] Native
Soil type / Parent material:
Road shape: [] Insloped [] Outsloped [] Crowned [] Other
Approx. length of road drainage to discharge point? ft.
Average road grade? %
[] Other w/ explanation
Explanation:

[] Watercourse Crossing/Drafting Site
Crossing name/I.D.:
Road name/I.D.:
Ownership: [] Private [] Public
Type: [] Bridge [] Tractor crossing [] Culvert: Diameter: in. [] Ford: [] Rocked [] Native [] Dip: [] Rocked [] Native [] Other:
Functioning (partial failure=failure): [] Yes [] No
Approaches: [] Rocked [] Paved [] Native [] Other:
Combined road approach length: ft.
[] Landing
Adequate drainage: [] Yes [] No
In the WLPZ/ELZ? [] Yes [] No
Percent veg. cover: [] 0-25% [] 26-50% [] 51-75% [] 76-100%
Soil type / Parent material:

General Recommendations

Regulations

Were obviously known State Regulations/Laws violated? [] Yes [] No
Provide description of violation:

Comments (back of page)

- Notes:
1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
2. CGS datum use NAD 83, Zone 10
3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

General Information

Date: 9/14/11 Time: 1:20 PM Team#: SNA THP# 2-03-162 Site I.D.: 311009
Watershed #: 5507 GPS: 000603R 4482142
Sec. Township: 30N Range: 20E
Camera I.D.: 23721 Photo number(s): 100

Sediment Delivery

Has sediment delivered? [] Yes [x] No [] Maybe [] Deliv. through buffer [] ft. Buffer dist.
Receiving Watercourse Type? [] Class I [] Class II [] Class III [] Class IV
Associated with timber operations? [] Yes [] No [] Maybe
Provide range of estimated volume delivered: [] <=1 cy [] 1<=5 cy [] 5<=10 cy [] >10 cy [] cy^3

Erosion Source

Surface Erosion Fluvial Erosion Mass Wasting Other
[] Sheet wash [] Gully (>6"x6") [] Rotational [] Debris slide [] w/ explanation
[] Rill (<=6"x6") [] Bank failure [] Translational [] Debris torrent/flow
Explanation:
Relative age of source: [] <=1 yr [] 1<=5 yr [] 5<=10 yr [] >10 yr [] Continuous

Sediment Source Association

[x] Clearcut Unit [] Watercourse Crossing/Drafting Site
Unit ID: 444 Average Slope: 30 % Crossing name/I.D.:
Yarding method: [] Tractor [] Cable Road name/I.D.:
Contour ripped? [] yes [] No Ownership: [] Private [] Public
Soil type / Parent material: Type: [] Bridge [] Tractor crossing
Percent veg. cover: [] 0-25% [] 26-50% [] Culvert: Diameter: in.
[] 51-75% [] 76-100% [] Ford: [] Rocked [] Native
[] Dip: [] Rocked [] Native
[] Other:
[] Road [] Other:
Road name/I.D.: 170 Q Functioning (partial failure=failure): [] Yes [] No
Ownership: [x] Private [] Public Approaches: [] Rocked [] Paved [] Native
Gated: [x] Yes [] No [] Other:
In the WLPZ/ELZ? [x] Yes [] No Combined road approach length: ft.
Surface: [x] Rocked [] Paved [] Native
Soil type / Parent material: [] Landing
Road shape: [] Insloped [] Outsloped Adequate drainage: [] Yes [] No
[] Crowned [] Other In the WLPZ/ELZ? [] Yes [] No
Approx. length of road drainage Percent veg. cover: [] 0-25% [] 26-50%
to discharge point? ft. [] 51-75% [] 76-100%
Average road grade? % Soil type / Parent material:
[] Other w/ explanation
Explanation:

General Recommendations

Intersection of Kook Creek Rd & 170 Q

Regulations

Were obviously known State Regulations/Laws violated? [] Yes [] No
Provide description of violation:

Comments (back of page)

- Notes:
1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
2. CGS datum use NAD 83, Zone 10
3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

General Information

Date: 9/14/11 Time: 11:40 Team#: sma THP# 2-03-162
Watershed #: 5507 GPS: 0004901 14481077
Sec. Township: Range:
Camera I.D.: 23701 Photo number(s): 53-54

Site I.D.: 51005

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV
Associated with timber operations? Yes No Maybe
Provide range of estimated volume delivered: <=1 cy 1<=5 cy 5<=10 cy >10 cy cy^3

Erosion Source

Surface Erosion Fluvial Erosion Mass Wasting Other
Sheet wash Gully (>6"x6") Rotational Debris slide w/ explanation
Rill (<= 6"x6") Bank failure Translational Debris torrent/flow

Explanation:
Relative age of source: <=1 yr 1<=5 yr 5<=10 yr >10 yr Continuous

Sediment Source Association

Clearcut Unit
Unit ID: 475 Average Slope: %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material:
Percent veg. cover: 0-25% 26-50% 51-75% 76-100%

Watercourse Crossing/Drafting Site
Crossing name/I.D.:
Road name/I.D.:
Ownership: Private Public
Type: Bridge Tractor crossing
Culvert: Diameter: in.
Ford: Rocked Native
Dip: Rocked Native
Other:

Road
Road name/I.D.: 240 Q
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No
Surface: Rocked Paved Native
Soil type / Parent material:
Road shape: Insloped Outsloped Crowned Other
Approx. length of road drainage to discharge point? ft.
Average road grade? %

Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native Other:
Combined road approach length: ft.

Other w/ explanation
Explanation:

Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50% 51-75% 76-100%
Soil type / Parent material:

General Recommendations

Regulations

Were obviously known State Regulations/Laws violated? Yes No
Provide description of violation:

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b). U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
2. CGS datum use NAD 83, Zone 10
3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

General Information

Date: 9/14/11 Time: 11AM Team#: SM THP# 2-03-162
Watershed #: 5507 GPS: 06042451 4480340
Sec. _____ Township: _____ Range: _____
Camera I.D.: 23721 Photo number(s): 49-50

Site I.D.: 51003

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer _____ ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV
Associated with timber operations? Yes No Maybe
Provide range of estimated volume delivered: ≤1 cy 1≤5 cy 5≤10 cy >10 cy cy³

Erosion Source

Surface Erosion Sheet wash Rill (≤ 6"x6")
Fluvial Erosion Gully (>6"x6") Bank failure
Mass Wasting Rotational Translational Debris slide Debris torrent/flow
Other w/ explanation
Explanation: _____
Relative age of source: ≤1 yr 1≤5 yr 5≤10 yr >10 yr Continuous

Sediment Source Association

Clearcut Unit
Unit ID: 455 Average Slope: 20 %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material: _____
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
 Road
Road name/I.D.: _____
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No
Surface: Rocked Paved Native
Soil type / Parent material: _____
Road shape: Insloped Outsloped
 Crowned Other
Approx. length of road drainage to discharge point? _____ ft.
Average road grade? _____ %
 Other w/ explanation
Explanation: _____

Watercourse Crossing/Drafting Site
Crossing name/I.D.: _____
Road name/I.D.: _____
Ownership: Private Public
Type: Bridge Tractor crossing
 Culvert: Diameter: _____ in.
 Ford: Rocked Native
 Dip: Rocked Native
 Other: _____
Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native
 Other: _____
Combined road approach length: _____ ft.
 Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
Soil type / Parent material: _____

General Recommendations

Examined 4 tractor crossings. No sediment.
No evidence of delivery on road segment.

Regulations

Were obviously known State Regulations/Laws violated? Yes No
Provide description of violation: _____

Comments (back of page)

- Notes:
- Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
 - CGS datum use NAD 83, Zone 10
 - Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

General Information

Date: 9/14/11 Time: 10 AM Team#: SNA THP# 2-03-162 SNA Site I.D.:
Watershed #: 5507 GPS: 0601929 / 4479124
Sec. F Township: Range:
Camera I.D.: 23721 Photo number(s): 47-48

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer _____ ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV
Associated with timber operations? Yes No Maybe
Provide range of estimated volume delivered: <=1 cy 1<=5 cy 5<=10 cy >10 cy cy³

Erosion Source

Surface Erosion Sheet wash Rill (<= 6"x6")
Fluvial Erosion Gully (>6"x6") Bank failure
Mass Wasting Rotational Translational Debris slide Debris torrent/flow
Other w/ explanation
Explanation: _____
Relative age of source: <=1 yr 1<=5 yr 5<=10 yr >10 yr Continuous

Sediment Source Association

Clearcut Unit
Unit ID: 491 Average Slope: _____ %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material: _____
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
 Road
Road name/I.D.: _____
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No
Surface: Rocked Paved Native
Soil type / Parent material: _____
Road shape: Insloped Outsloped
 Crowned Other
Approx. length of road drainage
to discharge point? _____ ft.
Average road grade? _____ %
 Other w/ explanation
Explanation: _____

Watercourse Crossing/Drafting Site
Crossing name/I.D.: _____
Road name/I.D.: _____
Ownership: Private Public
Type: Bridge Tractor crossing
 Culvert: Diameter: _____ in.
 Ford: Rocked Native
 Dip: Rocked Native
 Other: _____
Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native
 Other: _____
Combined road approach length: _____ ft.
 Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
Soil type / Parent material: _____

General Recommendations

Erosion did not impact the site.

Regulations

Were obviously known State Regulations/Laws violated? Yes No
Provide description of violation: _____

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
- 2. CGS datum use NAD 83, Zone 10
- 3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

General Information

Date: 9/14/11 Time: 9 am Team#: SMV THP# 2-03-162 SNA
Watershed #: 5507 GPS: N 6602884 11479367
Sec. T7 Township: Range:
Camera I.D.: 03721 Photo number(s): #44-46

Site I.D.: SU001

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV
Associated with timber operations? Yes No Maybe
Provide range of estimated volume delivered: <1 cy 1<5 cy 5<10 cy >10 cy cy³

Erosion Source

Surface Erosion: Sheet wash Rill (< 6"x6")
Fluvial Erosion: Gully (>6"x6") Bank failure
Mass Wasting: Rotational Translational Debris slide Debris torrent/flow
Other: w/ explanation
Explanation: _____
Relative age of source: <1 yr 1<5 yr 5<10 yr >10 yr Continuous

Sediment Source Association

Clearcut Unit
Unit ID: 489 Average Slope: _____ %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material: _____
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
 Road
Road name/I.D.: _____
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No
Surface: Rocked Paved Native
Soil type / Parent material: _____
Road shape: Insloped Outsloped
 Crowned Other
Approx. length of road drainage
to discharge point? _____ ft.
Average road grade? _____ %
 Other w/ explanation

Watercourse Crossing/Drafting Site
Crossing name/I.D.: _____
Road name/I.D.: _____
Ownership: Private Public
Type: Bridge Tractor crossing
 Culvert: Diameter: _____ in.
 Ford: Rocked Native
 Dip: Rocked Native
 Other: _____
Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native
 Other: _____
Combined road approach length: _____ ft.
 Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
Soil type / Parent material: _____

Explanation: _____

General Recommendations

Regulations

Were obviously known State Regulations/Laws violated? Yes No
Provide description of violation: _____

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
- 2. CGS datum use NAD 83, Zone 10
- 3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

L=Landings

General Information

Date: 9/14/11 Time: 3:00 Team#: SVA THP#: 2-03-162
Watershed #: 6507 GPS: 0607726 / 4481891
Sec. Township: Range:
Camera I.D.: 23721 Photo number(s): 07-09

Site I.D.:

SU012

Sediment Delivery

Has sediment delivered? [] Yes [x] No [] Maybe [] Deliv. through buffer [] ft. Buffer dist.
Receiving Watercourse Type? [] Class I [] Class II [] Class III [] Class IV
Associated with timber operations? [] Yes [] No [] Maybe
Provide range of estimated volume delivered: [] <=1 cy [] 1<=5 cy [] 5<=10 cy [] >10 cy [] cy^3

Erosion Source

Surface Erosion: [] Sheet wash [] Rill (<= 6"x6")
Fluvial Erosion: [] Gully (>6"x6") [] Bank failure
Mass Wasting: [] Rotational [] Translational [] Debris slide [] Debris torrent/flow
Other: [] w/ explanation

Explanation:
Relative age of source: [] <=1 yr [] 1<=5 yr [] 5<=10 yr [] >10 yr [] Continuous

Sediment Source Association

[x] Clearcut Unit
Unit ID: 442 Average Slope: %
Yarding method: [] Tractor [] Cable
Contour ripped? [] yes [] No
Soil type / Parent material:
Percent veg. cover: [] 0-25% [] 26-50% [] 51-75% [] 76-100%
[] Road
Road name/I.D.:
Ownership: [] Private [] Public
Gated: [] Yes [] No
In the WLPZ/ELZ? [] Yes [] No
Surface: [] Rocked [] Paved [] Native
Soil type / Parent material:
Road shape: [] Insloped [] Outsloped [] Crowned [] Other
Approx. length of road drainage to discharge point? ft.
Average road grade? %
[] Other w/ explanation

[] Watercourse Crossing/Drafting Site
Crossing name/I.D.:
Road name/I.D.:
Ownership: [] Private [] Public
Type: [] Bridge [] Tractor crossing [] Culvert: Diameter: in. [] Ford: [] Rocked [] Native [] Dip: [] Rocked [] Native [] Other:
Functioning (partial failure=failure): [] Yes [] No
Approaches: [] Rocked [] Paved [] Native [] Other:
Combined road approach length: ft.
[] Landing
Adequate drainage: [] Yes [] No
In the WLPZ/ELZ? [] Yes [] No
Percent veg. cover: [] 0-25% [] 26-50% [] 51-75% [] 76-100%
Soil type / Parent material:

General Recommendations

BDYAPV R1 170H

Regulations

Were obviously known State Regulations/Laws violated? [] Yes [] No
Provide description of violation:

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b). U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
2. CGS datum use NAD 83, Zone 10
3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

General Information

Date: 9/15/11 Time: 1:10p Team#: SNA THP# 2-03-162
Watershed #: 5507 GPS: 0604800, 4479115
Sec. _____ Township: _____ Range: _____
Camera I.D.: 23781 Photo number(s): 100-104

Site I.D.:

210027

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer _____ ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV
Associated with timber operations? Yes No Maybe
Provide range of estimated volume delivered: ≤1 cy 1≤5 cy 5≤10 cy >10 cy cy³

OTHER SEE BACK

Erosion Source

Surface Erosion: Sheet wash Gully (>6"x6")
Fluvial Erosion: Bank failure
Mass Wasting: Rotational Debris slide
 Translational Debris torrent/flow
Other: w/ explanation
Explanation: _____
Relative age of source: ≤1 yr 1≤5 yr 5≤10 yr >10 yr Continuous

Sediment Source Association

Clearcut Unit
Unit ID: 4101 Average Slope: _____ %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material: _____
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%

Watercourse Crossing/Drafting Site
Crossing name/I.D.: _____
Road name/I.D.: _____
Ownership: Private Public
Type: Bridge Tractor crossing
 Culvert: Diameter: _____ in.
 Ford: Rocked Native
 Dip: Rocked Native
 Other: _____

Road
Road name/I.D.: _____
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No
Surface: Rocked Paved Native
Soil type / Parent material: _____
Road shape: Insloped Outsloped
 Crowned Other
Approx. length of road drainage to discharge point? _____ ft.
Average road grade? _____ %

Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native
 Other: _____
Combined road approach length: _____ ft.

Other w/ explanation
Explanation: Diverted class III, diversion appears natural has occurred in past.

Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
Soil type / Parent material: _____

General Recommendations

Regulations

Were obviously known State Regulations/Laws violated? Yes No
Provide description of violation: _____

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
- 2. CGS datum use NAD 83, Zone 10
- 3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

Stream diverted (naturally) in low-level spots. Several braids diverted off the stream in about 4 spots.

Sediment delivered due to natural diversion of a class 3.

Natural braided 3, breached historic channel & created new channel

General Information

Date: 9/18/11 Time: 1:30 Team#: SNA THP# 2-02762
Watershed #: 5507 GPS: 0605936 / 4478703
Sec. Township: Range:
Camera I.D.: 23721 Photo number(s): 105-106 # 110

Site I.D.:

SU028

Sediment Delivery

Has sediment delivered? [] Yes [x] No [] Maybe [] Deliv. through buffer [] ft. Buffer dist.
Receiving Watercourse Type? [] Class I [] Class II [] Class III [] Class IV
Associated with timber operations? [] Yes [] No [] Maybe
Provide range of estimated volume delivered: [] <=1 cy [] 1<=5 cy [] 5<=10 cy [] >10 cy [] cy^3

Erosion Source

Surface Erosion: [] Sheet wash [] Rill (<=6"x6")
Fluvial Erosion: [] Gully (>6"x6") [] Bank failure
Mass Wasting: [] Rotational [] Translational [] Debris slide [] Debris torrent/flow
Other: [] w/ explanation
Explanation:
Relative age of source: [] <=1 yr [] 1<=5 yr [] 5<=10 yr [] >10 yr [] Continuous

Sediment Source Association

[x] Clearcut Unit
Unit ID: A63 Average Slope: %
Yarding method: [] Tractor [] Cable
Contour ripped? [] yes [] No
Soil type / Parent material:
Percent veg. cover: [] 0-25% [] 26-50% [] 51-75% [] 76-100%
[] Road
Road name/I.D.:
Ownership: [] Private [] Public
Gated: [] Yes [] No
In the WLPZ/ELZ? [] Yes [] No
Surface: [] Rocked [] Paved [] Native
Soil type / Parent material:
Road shape: [] Insloped [] Outsloped [] Crowned [] Other
Approx. length of road drainage to discharge point? ft.
Average road grade? %
[] Other w/ explanation
Explanation:

[] Watercourse Crossing/Drafting Site
Crossing name/I.D.:
Road name/I.D.:
Ownership: [] Private [] Public
Type: [] Bridge [] Tractor crossing [] Culvert: Diameter: in. [] Ford: [] Rocked [] Native [] Dip: [] Rocked [] Native [] Other:
Functioning (partial failure=failure): [] Yes [] No
Approaches: [] Rocked [] Paved [] Native [] Other:
Combined road approach length: ft.
[] Landing
Adequate drainage: [] Yes [] No
In the WLPZ/ELZ? [] Yes [] No
Percent veg. cover: [] 0-25% [] 26-50% [] 51-75% [] 76-100%
Soil type / Parent material:

General Recommendations

Regulations

Were obviously known State Regulations/Laws violated? [] Yes [] No
Provide description of violation:

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
2. CGS datum use NAD 83, Zone 10
3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

Checked out S tractor crossing, no measurable sediment delivered.

Checked out class I WLDZ, no sediment delivery.

General Information

Date: 9/15/11 Time: 11:00am Team#: SVA THP# 2-03-162
Watershed #: 5507 GPS: 0606096 14479015
Sec. Township: Range:
Camera I.D.: 23721 Photo number(s): 87-89

Site I.D.: SX021

Sediment Delivery

Has sediment delivered? [X] Yes [X] No [] Maybe [] Deliv. through buffer [] ft. Buffer dist.
Receiving Watercourse Type? [X] Class I [] Class II [] Class III [] Class IV
Associated with timber operations? [] Yes [X] No [] Maybe
Provide range of estimated volume delivered: [X] <=1 cy [] 1<=5 cy [] 5<=10 cy [] >10 cy [] cy^3

Erosion Source

Surface Erosion: [X] Sheet wash [] Rill (<= 6"x6")
Fluvial Erosion: [] Gully (>6"x6") [] Bank failure
Mass Wasting: [] Rotational [] Translational [] Debris slide [] Debris torrent/flow
Other: [] w/ explanation
Explanation:
Relative age of source: [] <=1 yr [] 1<=5 yr [] 5<=10 yr [] >10 yr [X] Continuous

Sediment Source Association

[] Clearcut Unit
Unit ID: Average Slope: %
Yarding method: [] Tractor [] Cable
Contour ripped? [] yes [] No
Soil type / Parent material:
Percent veg. cover: [] 0-25% [] 26-50% [] 51-75% [] 76-100%
[] Road
Road name/I.D.:
Ownership: [] Private [] Public
Gated: [] Yes [] No
In the WLPZ/ELZ? [] Yes [] No
Surface: [] Rocked [] Paved [] Native
Soil type / Parent material:
Road shape: [] Insloped [] Outsloped [] Crowned [] Other
Approx. length of road drainage to discharge point? ft.
Average road grade? %
[] Other w/ explanation
Explanation:

[X] Watercourse Crossing/Drafting Site
Crossing name/I.D.: Rock Creek
Road name/I.D.: Z Line (across from 125)
Ownership: [X] Private [] Public
Type: [] Bridge [] Tractor crossing [X] Culvert Diameter: 72 in.
[] Ford: [] Rocked [] Native
[] Dip: [] Rocked [] Native
[] Other: SW corner of 469
Functioning (partial failure=failure): [X] Yes [] No
Approaches: [X] Rocked [] Paved [] Native [] Other:
Combined road approach length: >200 ft.
[] Landing
Adequate drainage: [] Yes [] No
In the WLPZ/ELZ? [] Yes [] No
Percent veg. cover: [] 0-25% [] 26-50% [] 51-75% [] 76-100%
Soil type / Parent material:

General Recommendations

Regulations

Were obviously known State Regulations/Laws violated? [] Yes [] No
Provide description of violation:

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other, a, b, c, etc = Road Segment designator.
2. CGS datum use NAD 83, Zone 10
3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

Sediment source is due to cows

General Information

Date: 9/19/11 Time: 12:00 Team#: Sina THP# 2-03-162
Watershed #: 5507 GPS: 0609643 / 4479481
Sec. Township: Range:
Camera I.D.: 23721 Photo number(s): 94-95

Site I.D.:

SU024

Sediment Delivery

Has sediment delivered? [] Yes [x] No [] Maybe [] Deliv. through buffer [] ft. Buffer dist.
Receiving Watercourse Type? [] Class I [] Class II [] Class III [] Class IV
Associated with timber operations? [] Yes [] No [] Maybe
Provide range of estimated volume delivered: [] <=1 cy [] 1<=5 cy [] 5<=10 cy [] >10 cy [] cy^3

Erosion Source

Surface Erosion: [] Sheet wash [] Rill (<= 6"x6")
Fluvial Erosion: [] Gully (>6"x6") [] Bank failure
Mass Wasting: [] Rotational [] Translational [] Debris slide [] Debris torrent/flow
Other: [] w/ explanation

Explanation:

Relative age of source: [] <=1 yr [] 1<=5 yr [] 5<=10 yr [] >10 yr [] Continuous

Sediment Source Association

[x] Clearcut Unit
Unit ID: 471 Average Slope: %
Yarding method: [] Tractor [] Cable
Contour ripped? [x] yes [] No
Soil type / Parent material: Fine soil
Percent veg. cover: [] 0-25% [] 26-50% [x] 51-75% [] 76-100%

[] Watercourse Crossing/Drafting Site
Crossing name/I.D.:
Road name/I.D.:
Ownership: [] Private [] Public
Type: [] Bridge [] Tractor crossing
[] Culvert: Diameter: in.
[] Ford: [] Rocked [] Native
[] Dip: [] Rocked [] Native
[] Other:

[] Road
Road name/I.D.:
Ownership: [] Private [] Public
Gated: [] Yes [] No
In the WLPZ/ELZ? [] Yes [] No
Surface: [] Rocked [] Paved [] Native
Soil type / Parent material:
Road shape: [] Insloped [] Outsloped [] Crowned [] Other
Approx. length of road drainage to discharge point? ft.
Average road grade? %

Functioning (partial failure=failure): [] Yes [] No
Approaches: [] Rocked [] Paved [] Native [] Other:

Combined road approach length: ft.

[] Other w/ explanation
Explanation:

[] Landing
Adequate drainage: [] Yes [] No
In the WLPZ/ELZ? [] Yes [] No
Percent veg. cover: [] 0-25% [] 26-50% [] 51-75% [] 76-100%
Soil type / Parent material:

General Recommendations

Regulations

Were obviously known State Regulations/Laws violated? [] Yes [] No
Provide description of violation:

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
2. CGS datum use NAD 83, Zone 10
3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

TEAM WALKED THE ENTIRE CLEAR-OUT SECTION
ALONG THE MASS 3 & SAW NO SIGNS OF SEDIMENT DELIVERY.

General Information

Date: 9/15/11 Time: 19:52 Team#: Teh THP# 2-03-158
Watershed #: 6507.120402 GPS#: 06089791 4477715
Sec. 24 Township: 30N Range: 2E
Camera I.D.: 23723 Photo number(s): 114-115

Site I.D.: TV-011

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV
Associated with timber operations? Yes No Maybe see note below
Provide range of estimated volume delivered: <1 cy 1<5 cy 5<10 cy >10 cy ? cy³ unknown

Erosion Source

Surface Erosion: Sheet wash Rill (< 6"x6")
Fluvial Erosion: Gully (>6"x6") Bank failure
Mass Wasting: Rotational Translational Debris slide Debris torrent/flow
Other: w/ explanation

Explanation:

Relative age of source: <1 yr 1<5 yr 5<10 yr >10 yr Continuous

Sediment Source Association

Clearcut Unit
Unit ID: 15 Average Slope: 22 %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material: mainly silty loam
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%

Watercourse Crossing/Drafting Site
Crossing name/I.D.:
Road name/I.D.:
Ownership: Private Public
Type: Bridge Tractor crossing
 Culvert: Diameter: _____ in.
 Ford: Rocked Native
 Dip: Rocked Native
 Other:

Road
Road name/I.D.:
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No
Surface: Rocked Paved Native
Soil type / Parent material:
Road shape: Insloped Outsloped
 Crowned Other
Approx. length of road drainage
to discharge point? _____ ft.
Average road grade? _____ %

Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native
 Other:
Combined road approach length: _____ ft.

Other w/ explanation
Explanation:

Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
Soil type / Parent material:

General Recommendations

Part of 2008 fire suppression in WLPZ in 400' in ELZ
Sediment not derived from clear cut, minimal sed. from fire, minimal amount from sheet wash, etc.

Regulations

Were obviously known State Regulations/Laws violated? Yes No
Provide description of violation:

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
- 2. CGS datum use NAD 83, Zone 10
- 3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

Volume Sediment difficult to estimate because it was
due to sheet wash

General Information

Date: 9/15/11 Time: 13:00 Team#: Teh THP# 2-03-158 Site I.D.: TU-009
Watershed #: 6507.126402 GPS: 0110148 14477365
Sec. 19 Township: 30N Range: 03E
Camera I.D.: 23723 Photo number(s): 105-111

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV S. Fork Digger Creek
Associated with timber operations? Yes No Maybe
Provide range of estimated volume delivered: ≤1 cy 1≤5 cy 5≤10 cy >10 cy cy³

Erosion Source

Surface Erosion: Sheet wash Rill (≤6"x6")
Fluvial Erosion: Gully (>6"x6") Bank failure
Mass Wasting: Rotational Translational Debris slide Debris torrent/flow
Other: w/ explanation
Explanation: _____
Relative age of source: ≤1 yr 1≤5 yr 5≤10 yr >10 yr Continuous

Sediment Source Association

Clearcut Unit Watercourse Crossing/Drafting Site
Unit ID: 154 Average Slope: _____ %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material: heavy silty loam
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
 Road
Road name/I.D.: _____
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No
Surface: Rocked Paved Native
Soil type / Parent material: _____
Road shape: Insloped Outsloped
 Crowned Other
Approx. length of road drainage to discharge point? _____ ft.
Average road grade? _____ %
 Other w/ explanation
Explanation: _____

Crossing name/I.D.: _____
Road name/I.D.: _____
Ownership: Private Public
Type: Bridge Tractor crossing
 Culvert: Diameter: _____ in.
 Ford: Rocked Native
 Dip: Rocked Native
 Other: _____
Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native
 Other: _____
Combined road approach length: _____ ft.

Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
Soil type / Parent material: _____

General Recommendations

note on back

Regulations

Were obviously known State Regulations/Laws violated? Yes No
Provide description of violation: _____

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
- 2. CGS datum use NAD 83, Zone 10
- 3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

Class III of SW corner. Found no evidence of delivery
of sediment delivery from unit

General Information

Date: 9/15/11 Time: 9:40 Team#: SNA THP# 2-03-1162
Watershed #: 5507 GPS: 0606681 1447570
Sec. _____ Township: _____ Range: _____
Camera I.D.: 23721 Photo number(s): 791-80

Site I.D.: SR017

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer _____ ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV
Associated with timber operations? Yes No Maybe
Provide range of estimated volume delivered: ≤1 cy 1≤5 cy 5≤10 cy >10 cy cy³

Erosion Source

Surface Erosion Sheet wash Rill (≤ 6"x6")
Fluvial Erosion Gully (>6"x6") Bank failure
Mass Wasting Rotational Translational Debris slide Debris torrent/flow
Other w/ explanation

Explanation: _____
Relative age of source: ≤1 yr 1≤5 yr 5≤10 yr >10 yr Continuous (CLOSER TO 5 years)

Sediment Source Association

Clearcut Unit
Unit ID: _____ Average Slope: _____ %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material: _____
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%

Watercourse Crossing/Drafting Site
Crossing name/I.D.: _____
Road name/I.D.: _____
Ownership: Private Public
Type: Bridge Tractor crossing
 Culvert: Diameter: _____ in.
 Ford: Rocked Native
 Dip: Rocked Native
 Other: _____

Road
Road name/I.D.: 90 Z
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No
Surface: Rocked Paved Native
Soil type / Parent material: FINE SOIL / SANDY
Road shape: Insloped Outsloped (slightly) Crowned Other
Approx. length of road drainage to discharge point? ABOUT 400 ft.
Average road grade? 5 %

Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native
 Other: _____
Combined road approach length: _____ ft.

Other w/ explanation
Explanation: _____

Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
Soil type / Parent material: _____

General Recommendations

Road bar failure due to inadequate maintenance - water went over road bar & continued down road.

Regulations

Were obviously known State Regulations/Laws violated? Yes No Road Not part of most current THP
Provide description of violation: _____

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
- 2. CGS datum use NAD 83, Zone 10
- 3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

Sediment delivery: made difficult to see if sediment reached class 3. No evidence of sediment in watercourse but obvious sediment build-up on edge of bank. Possible algae in class 3.

See notes on SR020

General Information

Date: 9/16/11 Time: 9:30am Team#: SNA THP# 2-D3-162
Watershed #: 5507 GPS: 0006592 14479528
Sec. Township: Range:
Camera I.D.: 23721 Photo number(s): 77-78

Site I.D.:

SR016

Sediment Delivery

Has sediment delivered? [X] Yes [] No [] Maybe [] Deliv. through buffer [] ft. Buffer dist.
Receiving Watercourse Type? [] Class I [] Class II [X] Class III [] Class IV
Associated with timber operations? [X] Yes [] No [] Maybe
Provide range of estimated volume delivered: [] <=1 cy [] 1<=5 cy [X] 5<=10 cy [] >10 cy [] cy^3

Erosion Source

Surface Erosion: [X] Sheet wash [] Rill (<= 6"x6")
Fluvial Erosion: [] Gully (>6"x6") [] Bank failure
Mass Wasting: [] Rotational [] Translational [] Debris slide [] Debris torrent/flow
Other: [] w/ explanation

Explanation:

Relative age of source: [] <=1 yr [X] 1<=5 yr [] 5<=10 yr [] >10 yr [] Continuous (CLOSER TO 5 yrs)

Sediment Source Association

[] Clearcut Unit
Unit ID: Average Slope: %
Yarding method: [] Tractor [] Cable
Contour ripped? [] yes [] No
Soil type / Parent material:
Percent veg. cover: [] 0-25% [] 26-50% [] 51-75% [] 76-100%

[X] Road
Road name/I.D.: 90 Z
Ownership: [X] Private [] Public
Gated: [X] Yes [] No
In the WLPZ/ELZ? [X] Yes [] No
Surface: [] Rocked [] Paved [X] Native
Soil type / Parent material: FINE SOIL
Road shape: [] Insloped [X] Outsloped ROCKS [] Crowned [] Other
Approx. length of road drainage to discharge point? 500 ft.
Average road grade? 5 %

[] Watercourse Crossing/Drafting Site
Crossing name/I.D.:
Road name/I.D.:
Ownership: [] Private [] Public
Type: [] Bridge [] Tractor crossing
[] Culvert: Diameter: in.
[] Ford: [] Rocked [] Native
[] Dip: [] Rocked [] Native
[] Other:

Functioning (partial failure=failure): [] Yes [] No
Approaches: [] Rocked [] Paved [] Native [] Other:

Combined road approach length: ft.

[] Landing
Adequate drainage: [] Yes [] No
In the WLPZ/ELZ? [] Yes [] No
Percent veg. cover: [] 0-25% [] 26-50% [] 51-75% [] 76-100%
Soil type / Parent material:

[] Other w/ explanation
Explanation:

General Recommendations

Regulations

Were obviously known State Regulations/Laws violated? [] Yes [X] No
Provide description of violation:

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
2. CGS datum use NAD 83, Zone 10
3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

SEE notes on SKOZD

General Information

Date: 9/15/11 Time: 10:30 Team#: SIM THP# 2-03-102
Watershed #: 5507 GPS: D60693714479712
Sec. _____ Township: _____ Range: _____
Camera I.D.: 23721 Photo number(s): 55-86

Site I.D.: S13020

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer _____ ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV
Associated with timber operations? Yes No Maybe
Provide range of estimated volume delivered: ≤1 cy 1≤5 cy 5≤10 cy >10 cy _____ cy³

Erosion Source

Surface Erosion: Sheet wash Rill (≤ 6"x6")
Fluvial Erosion: Gully (>6"x6") Bank failure
Mass Wasting: Rotational Translational Debris slide Debris torrent/flow
Other: w/ explanation

Explanation: _____
Relative age of source: ≤1 yr 1≤5 yr 5≤10 yr >10 yr Continuous

Sediment Source Association

Clearcut Unit
Unit ID: _____ Average Slope: _____ %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material: _____
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%

Watercourse Crossing/Drafting Site
Crossing name/I.D.: _____
Road name/I.D.: _____
Ownership: Private Public
Type: Bridge Tractor crossing
 Culvert: Diameter: _____ in.
 Ford: Rocked Native
 Dip: Rocked Native
 Other: _____

Road
Road name/I.D.: 90Z
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No
Surface: Rocked Paved Native
Soil type / Parent material: Soil
Road shape: Insloped Outsloped
 Crowned Other
Approx. length of road drainage
to discharge point? 600 ft.
Average road grade? 8 %

Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native
 Other: _____

Combined road approach length: _____ ft.
 Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
Soil type / Parent material: _____

Other w/ explanation
Explanation: _____

General Recommendations

Road should be relocated or rocked

Regulations

Were obviously known State Regulations/Laws violated? Yes No Not part of current THP
Provide description of violation: _____

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
- 2. CGS datum use NAD 83, Zone 10
- 3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

Legacy road

This road segment is defined as 90-7, southern boundary
of unit 452 to unit 453

(start of 453 to start of 452)

Includes SR016 - SR020

Road Segment 9021

Start: intersection of 9021 w/ ~~9021.1~~

End: southern unit boundary of unit 452

Native surface, through cut, outleaked, w/ leadouts
outside bearing legacy road, existing

Distance \approx 2500'

Includes Erosion sites SR016 - SR020

General Information

Date: 9/15/11 Time: 10:10am Team#: sha THP# 2-03-162
Watershed #: 5507 GPS: 060688214479608
Sec. _____ Township: _____ Range: _____
Camera I.D.: 23721 Photo number(s): 83-84

Site I.D.: 513019

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer _____ ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV
Associated with timber operations? Yes No Maybe
Provide range of estimated volume delivered: <=1 cy 1<=5 cy 5<=10 cy >10 cy cy³

Erosion Source

Surface Erosion Sheet wash Rill (<=6"x6")
Fluvial Erosion Gully (>6"x6") Bank failure
Mass Wasting Rotational Translational Debris slide Debris torrent/flow
Other w/ explanation

Explanation: _____
Relative age of source: <=1 yr 1<=5 yr 5<=10 yr >10 yr Continuous

Sediment Source Association

Clearcut Unit
Unit ID: _____ Average Slope: _____ %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material: _____
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%

Road
Road name/I.D.: 90 Z
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No
Surface: Rocked Paved Native
Soil type / Parent material: FINE SOIL/ROCKS
Road shape: Insloped Outsloped
 Crowned Other
Approx. length of road drainage to discharge point? 350 ft.
Average road grade? 5 %

Watercourse Crossing/Drafting Site
Crossing name/I.D.: _____
Road name/I.D.: _____
Ownership: Private Public
Type: Bridge Tractor crossing
 Culvert: Diameter: _____ in.
 Ford: Rocked Native
 Dip: Rocked Native
 Other: _____

Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native
 Other: _____
Combined road approach length: _____ ft.

Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
Soil type / Parent material: _____

Other w/ explanation
Explanation: _____

General Recommendations

Road should be abandoned & moved up-slope or rock entire road segment.

Regulations

Were obviously known State Regulations/Laws violated? Yes No: Road NOT part of current THP.
Provide description of violation: _____

Comments (back of page)

Notes:

- 1. Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
- 2. CGS datum use NAD 83, Zone 10
- 3. Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

General Information

Date: 9/15/11 Time: 8:30 AM Team#: SMV THP# 2-03-102
Watershed #: 6507 GPS: 0605086 1 9481973
Sec. _____ Township: _____ Range: _____
Camera I.D.: 23921 Photo number(s): 7A-70

Site I.D.: 11R015

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer _____ ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV
Associated with timber operations? Yes No Maybe
Provide range of estimated volume delivered: <1 cy 1-5 cy 5-10 cy >10 cy cy³

Erosion Source

Surface Erosion Sheet wash Rill (< 6"x6")
Fluvial Erosion Gully (>6"x6") Bank failure
Mass Wasting Rotational Translational Debris slide Debris torrent/flow
Other w/ explanation
Explanation: _____
Relative age of source: <1 yr 1-5 yr 5-10 yr >10 yr Continuous

Sediment Source Association

Clearcut Unit
Unit ID: _____ Average Slope: _____ %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material: _____
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
 Road
Road name/I.D.: ROCK CREEK ROAD
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No
Surface: Rocked Paved Native
Soil type / Parent material: _____
Road shape: Insloped Outsloped
 Crowned Other
Approx. length of road drainage
to discharge point? 680 ft.
Average road grade? _____ %
 Other w/ explanation
Explanation: _____

Watercourse Crossing/Drafting Site
Crossing name/I.D.: _____
Road name/I.D.: _____
Ownership: Private Public
Type: Bridge Tractor crossing
 Culvert: Diameter: _____ in.
 Ford: Rocked Native
 Dip: Rocked Native
 Other: _____
Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native
 Other: _____
Combined road approach length: _____ ft.

Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
Soil type / Parent material: _____

General Recommendations

chronic Active bank sluffing in areas inside arch from Rock Creek Rd narrowing to Canyon Creek

Regulations

Were obviously known State Regulations/Laws violated? Yes No
Provide description of violation: _____

Comments (back of page)

- Notes:
- Sediment Association - Sediment I.D. Number - Road Segment Alphabetical Designator (Example: R-15-b).
U = Unit; R = Road; X = Crossing; O = Other; a, b, c, etc = Road Segment designator.
 - CGS datum use NAD 83, Zone 10
 - Use to provide volume estimate for sites that exceed 10 cy and are determined to be significant to report.

- Within 75' of WLIDE but NOT associated with a unit.

- Ditch runs on both sides of road

for

then cross drains to a class I.

- Estimated volume of sediment delivered combined w/ bank sluffing 550' above road = less than 5 cy potentially continuous.

General Information

Date: 7/15/11 Time: 1:40 Team#: JMA THP# 2-03-162
Watershed #: 5507 GPS: D10D5944 / 4478703
Sec. _____ Township: _____ Range: _____
Camera I.D.: 23721 Photo number(s): 107-108

Site I.D.: SR029

Sediment Delivery

Has sediment delivered? Yes No Maybe Deliv. through buffer _____ ft. Buffer dist.
Receiving Watercourse Type? Class I Class II Class III Class IV
Associated with timber operations? Yes No Maybe
Provide range of estimated volume delivered: ≤1 cy 1≤5 cy 5≤10 cy >10 cy cy³

Erosion Source

Surface Erosion Sheet wash Rill (≤ 6"x6")
Fluvial Erosion Gully (>6"x6") Bank failure
Mass Wasting Rotational Translational Debris slide Debris torrent/flow
Other w/ explanation
Explanation: _____
Relative age of source: ≤1 yr 1≤5 yr 5≤10 yr >10 yr Continuous

Sediment Source Association

Clearcut Unit
Unit ID: _____ Average Slope: _____ %
Yarding method: Tractor Cable
Contour ripped? yes No
Soil type / Parent material: _____
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%

Watercourse Crossing/Drafting Site
Crossing name/I.D.: _____
Road name/I.D.: _____
Ownership: Private Public
Type: Bridge Tractor crossing
 Culvert: Diameter: _____ in.
 Ford: Rocked Native
 Dip: Rocked Native
 Other: _____

Road
Road name/I.D.: 135 E
Ownership: Private Public
Gated: Yes No
In the WLPZ/ELZ? Yes No
Surface: Rocked Paved Native
Soil type / Parent material: FINE sediment
Road shape: Insloped Outsloped
 Crowned Other
Approx. length of road drainage to discharge point? 400 ft.
Average road grade? 8 %

Functioning (partial failure=failure): Yes No
Approaches: Rocked Paved Native
 Other: _____
Combined road approach length: _____ ft.

Other w/ explanation
Explanation: _____

Landing
Adequate drainage: Yes No
In the WLPZ/ELZ? Yes No
Percent veg. cover: 0-25% 26-50%
 51-75% 76-100%
Soil type / Parent material: _____

General Recommendations

Regulations

Were obviously known State Regulations/Laws violated? Yes No
Provide description of violation: _____

Comments (back of page)

Notes:

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Road segment entails the bottom of unit # 463
to S1029 (by the top of the unit # 463)

Legacy road not used during current operations.

Graded channel portion of watercourse runs
down middle of road then meets up with itself
down road.