NAPA COUNTY CONSTRUCTION SITE RUNOFF CONTROL REQUIREMENTS
APPENDIX B - WQCP/SWPPP GENERAL INFORMATION FORM

FOR OFFICE USE ONLY

SUBMITTAL DATE: _____ **FILE #:** _____ **APN #:** _____

USGS QUAD: _____ **CalWatershed:** _____

REQUEST: _____

PERMIT: ☐ Building ☐ Grading **TYPE:** ☐ Private ☐ Public (County) ☐ Public (Other)

CATEGORY: ☐ Structure ☐ Driveway ☐ Road ☐ Reservoir ☐ Cave ☐ Other

FINAL APPROVAL: Date: _____

Deposit: $ _____ _____ _____ _____

Deposit *Receipt Number* *Received By* *Date*

TO BE COMPLETED BY APPLICANT

(Please type or print legibly)

Applicant's Name: Scott Davis **Company:** NA

Telephone #: (707) 255-4444 **Fax #:** (____) _____ **E-Mail:** Davis.Scott@napa.net

Mailing Address: 5555 Oak Lane St. Helena, CA 95474

No *Street* *City* *State* *Zip*

Status of Applicant's Interest in Property: Property Owner

Property Owner's Name: Same as above

Telephone #: (____) _____ **Fax #:** (____) _____ **E-Mail:** _____

Mailing Address: _____

No *Street* *City* *State* *Zip*

Qualified Contact Person's Name: Same as above **Company:** _____

Telephone #: (____) _____ **Fax #:** (____) _____ **E-Mail:** _____

Mailing Address: _____

No *Street* *City* *State* *Zip*

Site Address/Location: 5555 Oak Lane St. Helena

No *Street* *City*

Assessor's Parcel #: 021-333-021-000 **Gated:** ☐ Yes ☒ No

Parcel Size: 45 acres **Disturbed Area:** 400 ☐ acres ☒ ft². **Amount of Cut & Fill:** 0 yds³

Percent Slope: Minimum: 0 Maximum: 1 Average: 0.5

Min distance between disturbed area and Stormwater Conveyance System (creeks, ditches, reservoirs, storm drains, etc.): 45 feet

Construction of New Storm Drains: ☐ Yes ☒ No **Construction within Waters of the State:** ☐ Yes ☒ No

Project Priority (See Applicability Checklist, Section D): ☒ Low ☐ Medium ☐ High

SIGNATURE: I hereby certify that all the information contained in this application, including but not limited to, this application form, the supplemental information sheets, site plan, plot plan, cross sections/elevations, is complete and accurate to the best of my knowledge. I hereby authorize such investigations including access to County Assessor's Records as are deemed necessary by the Department of Public Works for evaluation of this application and preparation of reports related thereto, including the right of access to the property involved.

Scott Davis 12/5/06 Scott Davis 12/5/06

Signature of Applicant *Date* *Signature of Property Owner* *Date*

STORAGE SHED – 5555 OAK LANE, ST. HELENA

A. PLANNING AND ORGANIZATION

1. Completed SQMP/SWPPP General Information Form
See cover page.

2. Vicinity Map
See Attachment #1

3. NOI and WDID#
Not applicable.

4. Other Applicable Regulatory Permits
Not applicable

B. SITE CONDITIONS

1. Nature and Purpose of the Project
The project is located at 5555 Oak Lane, St. Helena. The purpose of the proposed project is to build a storage shed that will be located 50 feet from a tributary to Bell Creek. The disturbed area will extend to 45 feet from the creek to comply with the conservation regulations stream setback requirements. The proposed storage shed will be 15 feet by 15 feet and the total area of disturbance will be approximately 400 square feet.

2. Critical Areas of Erosion and Slope Instability
None. The slope of the land is between 0% and 1% slope.

3. Receiving Waters Potentially Impacted
The proposed storage shed will be located 45 feet away from a small tributary to Bell Creek. The channel is approximately 5 feet wide and 2.5 feet deep. Bell Creek is a tributary to the Napa River which is listed as impaired for excessive sediments, nutrients, and pathogens.

4. Photo Documentation
See attached CD.

C. POTENTIAL POLLUTANTS AND BEST MANAGEMENT PRACTICES

1. Activities and Potential Pollutants

Activity	Potential Pollutants
1. Land clearing; digging trenches for water and electrical; daily operation of site.	Sediment
2. Pouring footings, equipment cleanout	Concrete (pH)
3. Exterior painting, equipment clean-up, stockpile of materials	Paints

2. Materials Stored Onsite

Material	Quantity	Location
Paint/Paint thinner	5 gallons	Workshed.
Construction Materials (lumber, nails, etc.)	Varies	Staging area (See site plan).

3. Best Management Practices
<u>Erosion and Sediment Control</u>

- ✓ To minimize erosion, all work will be conducted during the dry season.
- ✓ A silt fence will be installed 45 feet away from the tributary to Bell Creek to serve as a construction/grading barrier and to provide sediment control in the event of

rain. The silt fence will be as least as wide as the disturbed/construction area. See Attachment #3 (SE-1) for details and specifications on installation and maintenance of silt fences.

- ✓ Apply straw mulch and erosion control seed mix containing 25% California Fescue (Festuca californica), 25% California Brome (Bromus), 25% Creeping Wild Rye (Leymus triticoides), and 25% Idaho Fescue (Festuca) at the onset of the rainy season. Straw mulch will be applied at a rate that provides 100% coverage of exposed soil.

Material Management

- ✓ Construction Materials – All construction materials will be stored in the "Staging Area" on the Site Plan in Attachment #2. All construction materials that may contribute to pollutants (e.g. nails, screws, caulking) in stormwater runoff will be covered to avoid contact with rainfall.
- ✓ Concrete – Concrete storage BMPs will not be needed because the concrete will be delivered on the day of pouring the concrete slab. The company delivering the concrete will provide its own concrete washout and will haul wash water offsite for disposal.
- ✓ Paint – Latex paint will be used on all surfaces. Painting equipment and brushes will be washed into a 5 gallon bucket and disposed of at the household hazardous waste facility or allowed to evaporate and the dry residue will be disposed of in the trash.
- ✓ Good Housekeeping – Good housekeeping measures will be used to minimize potential pollutants released from the construction area by wind and/or water. As a general practice, good housekeeping measures will include prompt cleanup spills and collection of litter at the end of each workday.

D. IMPLEMENTATION SCHEDULE

1. Construction and Grading Schedule

Start Date	End Date	Activity
June 1, 2006	July 1, 2006	Land clearing with bucket loader; dig trenches for utilities.
June 1, 2006	July 1, 2006	Pour concrete slab.
July 1, 2006	August 30, 2006	Construct storage shed.
Sept 1, 2006	October 1, 2006	Paint storage shed.

2. BMP Schedule

Start Date	End Date	BMPs
June 1, 2006	October 15th or until disturbed areas are vegetated.	Install and maintain silt fence 45 feet away from stream to serve as sediment control and grading/construction barrier.
June 1, 2006	July 1, 2006	Install and maintain concrete washout.
Sept 1, 2006	October 1, 2006	Implement and maintain paint storage and washout BMPs.
Onset of rainy season.	Until disturbed areas are vegetated.	Apply straw mulch and seed to disturbed areas.

3. Post-Construction BMP Schedule

While Post-construction BMPs are not required for this project, the following Site Design, Source Control, and Treatment Control BMPs will be installed according to the following

schedule and maintained to avoid and/or minimize stormwater quality impacts during the life of the storage shed.

Start Date	End Date	BMPs
Oct 1, 2006	Oct 15, 2006	Plant native perennial bunch grasses in the stream setback area to provide better filtration of sediment, nutrients, and pathogens. Plant native trees appropriate to the site (Coast Live Oak) to provide shade.

4. Weather-triggered Action Plan

In the event of a forecasted rain event, the following schedule of activities/BMPs will be performed to prevent illicit discharges.

Weather-triggered Action Plan #1
Time Frame: June 1st through September 15th.
Forecasted Events: >40% chance of precipitation

- ✓ Ensure that paints and other construction materials are properly covered.
- ✓ Check silt fence along perimeter to ensure that it is free of tears, trenched, and secure.

Weather-triggered Action Plan #2
Time Frame: September 16th through May 31st.
Forecasted Events: >40% chance of precipitation

- ✓ Ensure that paints and other construction materials are properly covered.
- ✓ Check silt fence along perimeter to ensure that it is free of tears, trenched, and secure.
- ✓ Ensure that all exposed soil around the project footprint is covered with straw mulch.

E. FORMS AND RECORDKEEPING

1. Inspection Documentation

An example inspection form is attached in Attachment #4. Inspections will be documented on at least a weekly basis.

2. Training Documentation

An example training form is attached in Attachment #5 and will be used to document training on all applicable stormwater BMPs for each worker.

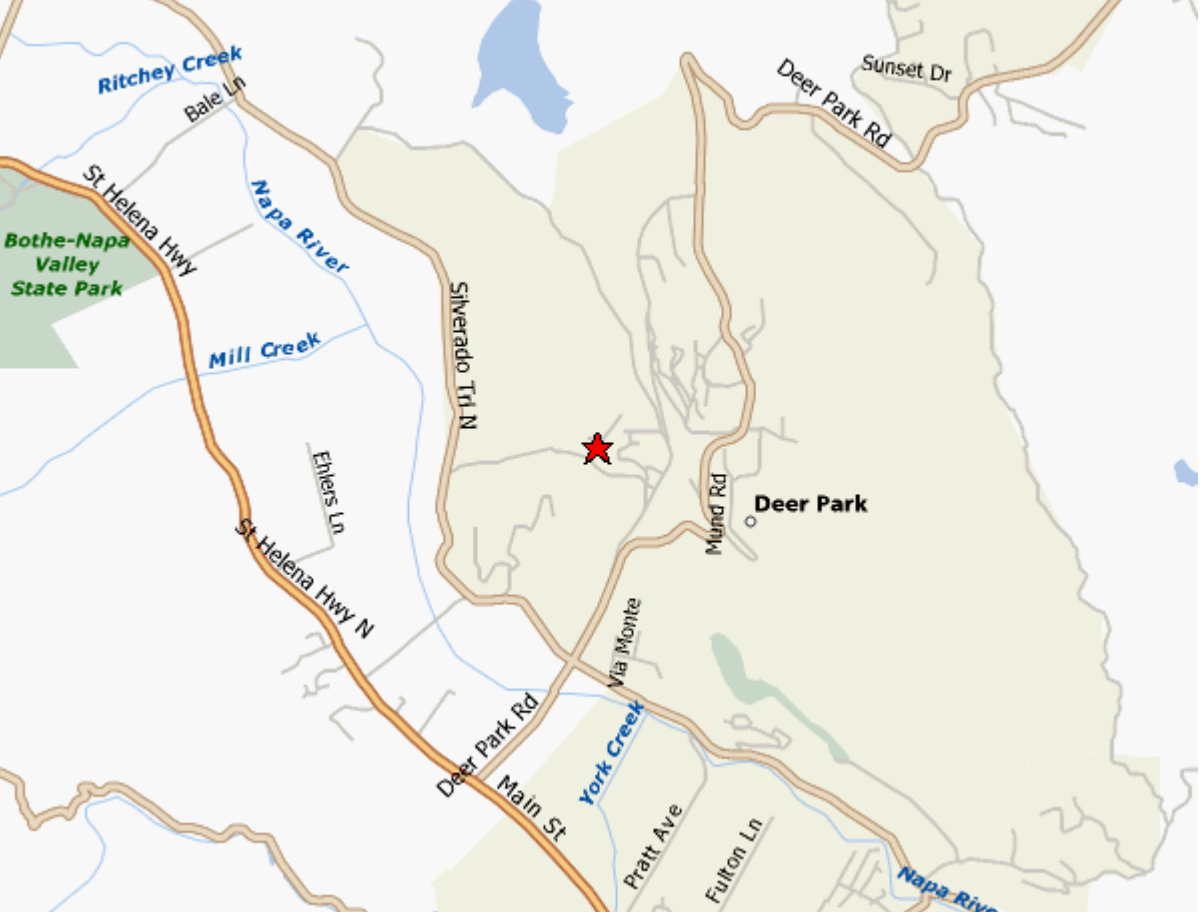
F. SITE PLAN

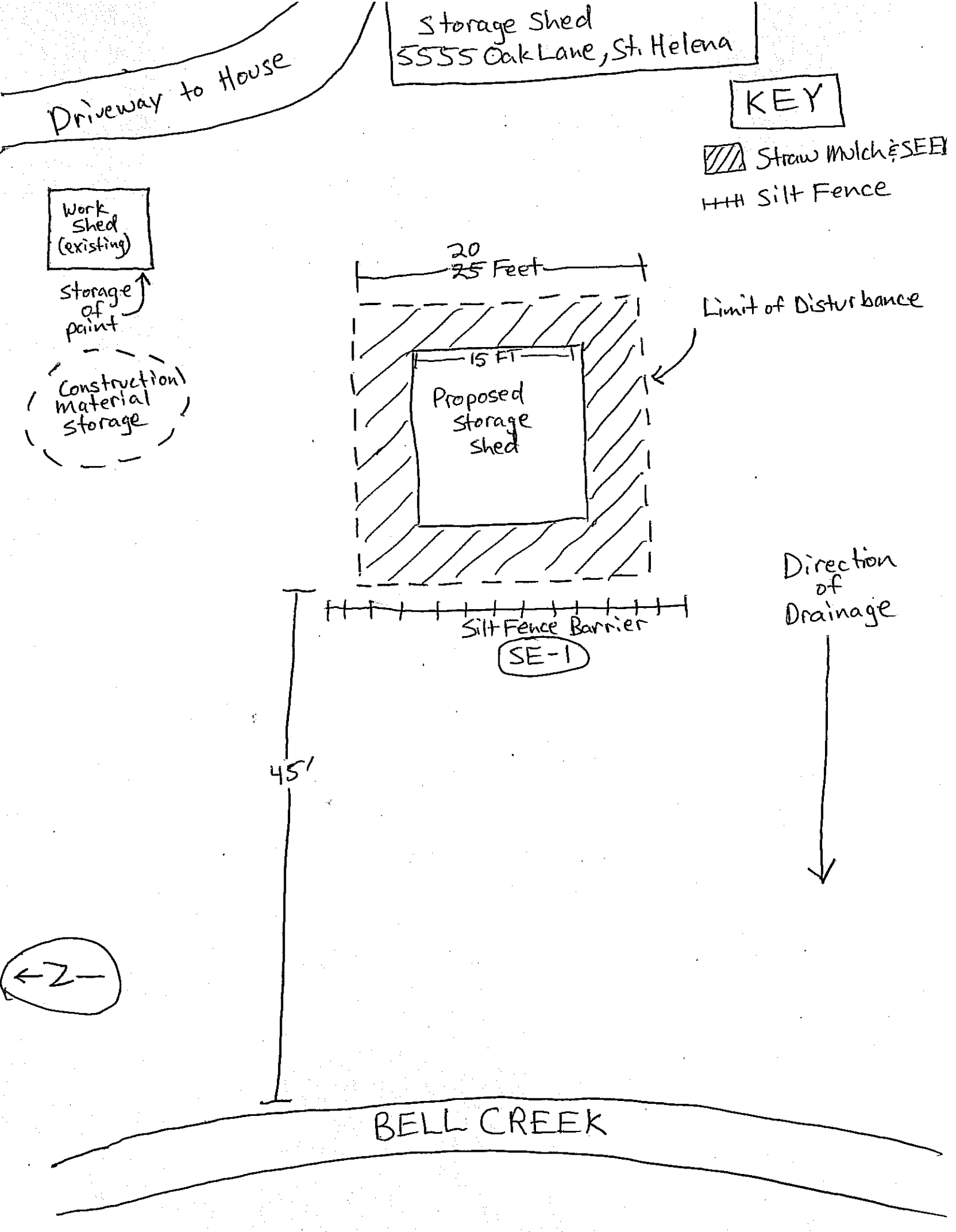
A site plan that shows the area of disturbance, construction and staging areas, sensitive areas, and locations of BMPs is included in the site plan in Attachment #2.

G. NOTES

1. The Napa County Department of Public Works will be notified in writing 48 hours prior to commencing with construction. Failure to do so constitutes a violation of the approved SQMP.
2. Review and or approval of the SQMP/SWPPP shall not relieve the contractor from his or her responsibilities for compliance with Construction Site Runoff Control Requirements, nor shall it relieve the contractor from errors or omissions in the approved plan.

3. I, the undersigned, certify that all land clearing, construction and development shall be done pursuant to the approved plan.
4. The stormwater contact person shall evaluate the performance of all BMPs and modify the SQMP and BMP implantation as appropriate to eliminate all illicit discharges and will notify the Napa County Department of Public Works within 48 hours.


Ritchey Creek
Bale Ln
St Helena Hwy
Napa River
Bothe-Napa Valley State Park
Mill Creek
Ehlers Ln
St Helena Hwy N
Silverado Trl N
Deer Park Rd
Sunset Dr
Deer Park Rd
Mynd Rd
Deer Park
Via Monte
York Creek
Main St
Pratt Ave
Fulton Ln
Napa River


Storage Shed
5555 Oak Lane, St. Helena
Driveway to House
KEY
Straw Mulch SEE
Silt Fence
Work Shed (existing)
Storage of paint
Construction Material Storage
20 Feet
Limit of Disturbance
15 FT
Proposed storage shed
Direction of Drainage
Silt Fence Barrier
SE-1
45'
BELL CREEK

STORMWATER INSPECTION FORM

General Information

Inspector: _____ **Date:** _____ **Time:** _____ AM / PM

Project Name: _____ **Proj. ID:** _____

Site Address: _____ **APN:** _____

Type: ____ Non-Storm ____ Winterization ____ PreStorm ____ During Storm ____ Post-Storm

Weather: ____ Sunny _____ Cloudy _____ Rain Rain Amount: _____ inches

Best Management Practices (Site Review)

E = Effective, F = Failed/Not Appropriate, NM = Needs Maintenance, PI = Poor Installation, NI = Not Implemented, NA = Not Applicable, NE = Not Evaluated

1. Run-on Management BMPs

a) Diversion of Run-On		b) Surface Roughening	

Comments:

2. Erosion Control BMPs

a) Temporary Slope Stabilization		Blanket	Seed	Mulch	BFM	Landscaped	
b) Temporary Flat Lot Stabilization		Blanket	Seed	Mulch	BFM	Landscaped	
c) Permanent Slope Stabilization		Blanket	Seed	Mulch	BFM	Landscaped	
d) Permanent Flat Lot Stabilization		Blanket	Seed	Mulch	BFM	Landscaped	

Comments:

3. Sediment Control BMPs

a) Silt Fence		f) Stabilized CST Entrance	
b) Fiber Roll		g) Check Dams	
c) Perimeter Control		h) Sediment Trap	
d) Storm Water Inlet Protection		i) Sediment Basin	
e) Outlet Protection		j) Dust Control	

Comments:

4. Post Construction BMPs

a) Post CST Implemented		

Comments:

5. Material Management BMPs, and Non-Stormwater Mangement BMPs

a) Street Sweeping		g) Dewatering Operations	
b) Waste Collection/Litter		h) Vehicle and Equipment Fueling	
c) Material Storage (asphalt, concrete, treated lumber, etc.)		i) Vehicle and Equipment Maintenance	
d) Hazardous Material Storage		j) Spill Kit On Site	
e) Stockpile Management		k) Portable Toilet	
f) Concrete Wash-Out		l)	

Comments:

Pictures:

_____

Inspector's Signature **Date**

Note: This is an example inspection checklist that may be modified to suit the needs of the inspector and/or satisfy the requirements of the SWRCB's NPDES General Permit.

STORMWATER EMPLOYEE/CONTRACTOR TRAINING FORM

Project Name: _____

Project Number/Location: _____

Stormwater Management Topic: (Check as appropriate)

☐ Erosion Control
☐ Sediment Control
☐ Wind Erosion Control
☐ Tracking Control
☐ Non-Stormwater Management
☐ Waste and Materials Management
☐ Stormwater Sampling (NPDES only)

Specific Training Objective: _____

Location: _____ **Date:** _____

Instructor: _____ **Telephone:** _____

Course Length (hours): _____

Attendee Roster (attach additional forms if necessary)

Name	Company	Phone

COMMENTS:

_____

_____

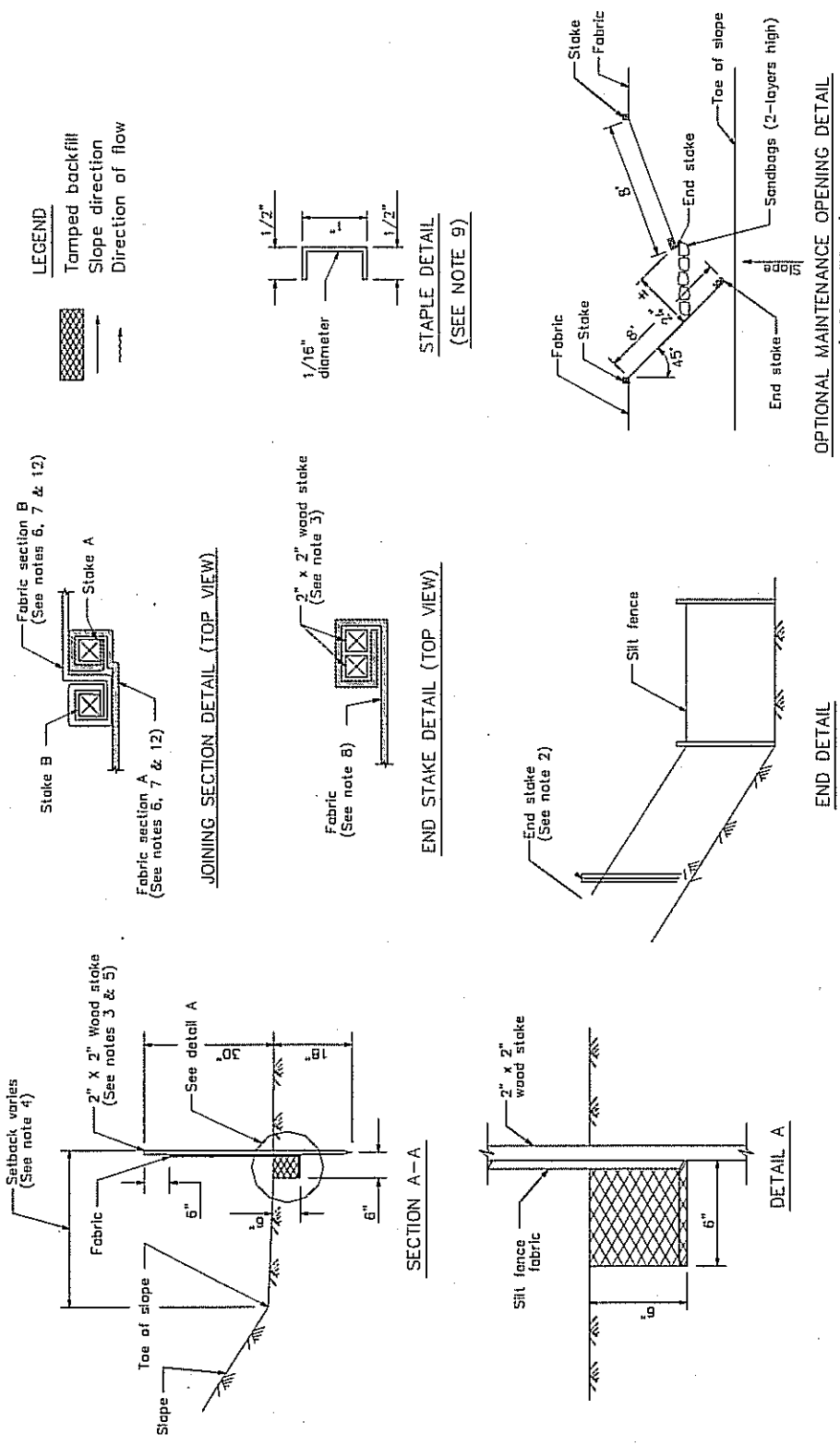
_____

_____

_____

NOTES

1. Construct the length of each reach so that the change in base elevation along the reach does not exceed 1/3 the height of the linear barrier, in no case shall the reach length exceed 500'.
2. The last 8'–0" of fence shall be turned up slope.
3. Stake dimensions are nominal.
4. Dimension may vary to fit field condition.
5. Stakes shall be spaced at 8'–0" maximum and shall be positioned on downstream side of fence.
6. Stakes to overlap and fence fabric to fold around each stake one full turn. Secure fabric to stake with 4 staples.
7. Stakes shall be driven tightly together to prevent potential flow–through of sediment at joint. The tops of the stakes shall be secured with wire.
8. For end stake, fence fabric shall be folded around two stakes one full turn and secured with 4 staples.
9. Minimum 4 staples per stake. Dimensions shown are typical.
10. Cross barriers shall be a minimum of 1/3 and a maximum of 1/2 the height of the linear barrier.
11. Maintenance openings shall be constructed in a manner to ensure sediment remains behind silt fence.
12. Joining sections shall not be placed at sump locations.
13. Sandbag rows and layers shall be offset to eliminate gaps.


LEGEND
Tamped backfill
Slope direction
Direction of flow
1/2"
1"
1/16" diameter
1/2"
STAPLE DETAIL
(SEE NOTE 9)
Fabric section B (See notes 6, 7 & 12)
Stake A
Stake B
Fabric section A (See notes 6, 7 & 12)
JOINING SECTION DETAIL (TOP VIEW)
2" x 2" wood stake (See note 3)
Fabric (See note 8)
END STAKE DETAIL (TOP VIEW)
Stake
Fabric
Toe of slope
6'
End stake
Sandbags (2-layers high)
Fabric
Stake
6'
4'
1½'
45°
End stake
OPTIONAL MAINTENANCE OPENING DETAIL
(SEE NOTE 11)
Silt fence
End stake (See note 2)
END DETAIL
Setback varies (See note 4)
2" X 2" Wood stake (See notes 3 & 5)
See detail A
10"
18"
Fabric
6"
10"
6"
Toe of slope
Slope
SECTION A-A
2" x 2" wood stake
Silt fence fabric
6"
10"
DETAIL A