

ATTACHMENT B

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION**

**Checklist Form
For Assessing
Grazing Operations in the Tomales Bay Watersheds**

IN COMPLIANCE WITH RESOLUTION NO. R2-2008-(PROPOSED)

Date: _____ **Weather:** _____

Name of Person Completing checklist _____

Facility Information

Facility Name:	Owner Name & Address (if different):
Address:	Nearest Water Body:
Operator Name & Address	Number of Animals:
Operator Telephone Number:	Type of Animals:

Erosion and Sediment Sources

Sediment from Sheet, Rill, and Gully Erosion: Sheet and Rill erosion generally occurs on cropfields or overgrazed pastures and corrals. Gullies can occur from these same conditions, or can be caused by natural occurrences, such as from burrowing animals.

Pastures	Yes	No
Upon close inspection, is bare soil visible in pastures?		
At a distance of 20 feet, can you distinguish small objects such as roots and cow pies?		
Are there gullies or headcuts in pastures?		
Crop Fields		
Do cropfields have rill or other signs of surface erosion?		
Are cropfields clean cultivated so that all plant residue is tilled under?		
Road Erosion		
Do ranch roads show signs of surface erosion such as rills or gullies?		
Are there any gullies caused by unprotected culverts?		
Are drainage ditches eroding?		
Do road surfaces consist of bare soil?		

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Other types of erosion noted: _____

Suggestions for correcting problems indicated by yes answers above: _____

Nutrients and Pathogens

Pollution from animal waste: This generally occurs where animals congregate or are confined, or where animals have access to creeks. Nutrient pollution problems are best evaluated during the rainy season when water testing can be used to locate problems.

	Yes	No
Are there possible sources of nutrients and pathogens from direct animal access to creeks?		
Are feeding areas, water troughs, or salting areas near creeks?		
Are manure stock piles located where runoff could flow into creeks?		

Locations of problem areas: _____

Other types of animal waste pollution noted: _____

Suggestions for correcting problems indicated by yes answers above _____

Riparian Areas

Condition of Creek and Streams: Riparian areas are sensitive to damage from livestock. Livestock should be excluded from or carefully managed in riparian areas. Condition of riparian areas can be evaluated at any time of the year

	Yes	No
Do creek banks lack good cover of grasses trees and shrubs?		

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	Yes	No
Are creek exposed to full sun?		
Is there excessive growth of algae in creeks?		
Are creek banks actively eroding or trampled?		
Do livestock have access to riparian areas?		
Do livestock congregate in riparian areas?		
Are waterway crossings secure and bermed?		
Are water troughs located away from riparian areas?		

Location of problem areas: _____

Other types of riparian areas degradation noted: _____

Suggestions for correcting problems indicated by yes answers above: _____

