



**Central Sierra Environmental Resource Center**  
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July 14, 2010

Jeffrey Shu  
State Water Resources Control Board  
Division of Water Quality  
P.O. Box 100  
Sacramento, CA 95812-0100

**RE: DATA SUBMITTAL FOR 2012 INTEGRATED REPORT AND REQUEST  
TO LIST WATER BODIES AS IMPAIRED UNDER CLEAN WATER ACT  
SECTION 303(d)**

Dear Mr. Shu,

This letter transmits data and supporting materials (QAPP, etc.), in both paper and electronic formats, to justify impairment listings due to bacteria for the following water bodies: (tributary stream to Bell Creek, tributary stream to Herring Creek, tributary stream of Cow Creek, two tributary streams to Niagara Creek, and Rose Creek - all of which are located within Tuolumne County). Additional details on methods, site locations, and violations of state standards are included in the report titled: ***Bacteria Contamination of Surface Waters Due to Livestock Grazing in the Stanislaus National Forest, California*** (May 20, 2010), a complete copy of which is included as Enclosure 1.

Staff of the Central Sierra Environmental Resource Center (CSERC) collected all of the data provided in this report. Our sampling staff received training from the Tuolumne County Resource Conservation District's (TCRCD) "Stream Team". In 2007 the Tuolumne County "Stream Team" received training to monitor stream health from Mr. Erick Burres of the State Water Resources Control Board's "Clean Water Team." A certified laboratory (AquaLab, Twain Harte, CA) performed all laboratory analyses.

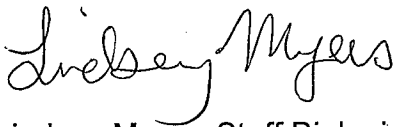
A quality assurance project plan (QAPP) was prepared, and a complete, signed copy is included as Enclosure 2. Details regarding the data quality objectives for this project may be found in the QAPP. All data quality objectives and other

requirements of the QAPP were followed and met. The rationale for selection of sites, water quality parameters, sampling frequency, and methods are presented in Enclosures 1 and 2, as is documentation to support the conclusion that these results are reproducible.

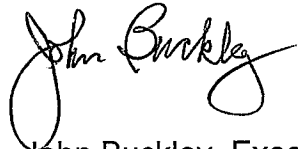
It is very important to note that the 30-day periods assessed in Enclosure 1 were calculated very conservatively. Specifically, the 30-day periods presented in the report either begin or end on the date that a sample was collected by CSERC staff. For purposes of applying the 303(d) Listing Policy, we believe it is most proper to assess the data based on rolling 30-day periods, where every possible 30-day period is counted. To assist you with this assessment, we have included (as Enclosure 3) the rolling 30-day period violation summary tables for the creek sampled below Upper Fiddlers Green Meadow and Rose Creek. Based on the rolling 30-day period analysis, these water bodies should be listed as impaired due to bacteria pollution. (We believe that all of the other water bodies assessed in Enclosure 1 clearly meet the threshold for listing without such additional rolling-period analyses. However, if you are not fully convinced, we respectfully request that you assess complete rolling 30-day periods for all of the sampled water bodies. Such analyses would document numerous recurrent violations of the Basin Plan standards for bacteria, and would clearly document the need to list.)

Please contact us if you have any questions regarding this information.

Sincerely,



Lindsey Myers, Staff Biologist



John Buckley, Executive Director

#### Enclosures

1. Assessment report titled: "Bacteria Contamination of Surface Waters Due to Livestock Grazing in the Stanislaus National Forest, California" (Note: Appendices 1, 6, and 7.1 are included in the back of the assessment report. Appendices 2, 3, 5, and 7 are included separate the report. Appendix 4/QAPP has been included as Enclosure 2.)
2. QAPP
3. Rolling 30-day violation tables for Upper Fiddlers Green (UFG) and Rose Creek (RC)
4. CD containing pdf. copies of Enclosures 1 – 4