

These pictures are from cattle operations just above Pieta creek in Mendocino County. Cattle have access to almost a mile of the mainstem Russian River and cattle manure and consequently large thick algal mats are extremely prevalent along the shoreline of the River.

Photograph 1.

Date: 8/27/2016 Time: 954AM Location: Latitude 38; 56; 14.79 Longitude 123; 4; 45.59



Cattle manure directly in and at the river's edge contributing to nutrient impairment, WQS being exceeded (see data attached) and the diminishment of the Beneficial Uses of the mainstem.



Picture 2.

Date: 8/27/2016 Time: 955AM Location: Latitude 38; 56; 14.739 Longitude 123; 4; 45.039



Picture 2 taken one minute after Picture 1 looking at just one of several herds of range cattle that have full, unimpeded access to the mainstem Russian River.



Picture 3.

Date: 8/27/2016 Time: 955AM Location: Latitude 38; 56; 14.70 Longitude 123; 4; 57



A close up of the herd in Picture 2. Note the cattle manure on the bank of the mainstem in the foreground (bottom right corner) of the photograph.



Picture 4.

Date: 8/27/2016 Time: 1013AM Location: Latitude 38; 56; 22.0 Longitude 123; 4; 21.749



The downstream effects of highly nutrient rich surface water in the Russian River as is evident in this side channel.