

WORKSHEET 4A– PASTURE ASSESSMENT: SEDIMENT

Date(s) Updated: _____

The following questions are intended to help assess ranch/farm water quality and potential sources of pollution in the watershed. It is important to note that identified pollution sources may not be caused by current livestock grazing activities. This assessment is intended to be used on each pasture/field utilized for agricultural production purposes on the ranch/farm. Multiple fields or the entire ranch may be assessed at once. Describe the condition and pasture/field location. Note any recorded problem conditions as caused by: Current livestock management (C); a Historic legacy site (H); or Natural causes (N). For more information, refer to the publications [Understanding Livestock Grazing Impacts](#) or [Sediment Delivery Inventory and Monitoring](#).

SEDIMENT

<i>Rangeland & pasture fields</i>			
Question	Potential source	Pasture location and description of condition	Cause C / H / N
Bare soil visible throughout the rainy season?	Yes No Not Sure		C H N
Rill or sheet erosion present?	Yes No Not Sure		C H N
Gullies, slumps, or headcuts present?	Yes No Not Sure		C H N
<i>Roads</i>			
Question	Potential source	Pasture location and description of condition	Cause C / H / N
Surface erosion present on road(s) (rills, gullies)?	Yes No Not Sure		C H N
Culverts or ditches cause gullies or erosion?	Yes No Not Sure		C H N
Sediment fills drainage ditches after winter?	Yes No Not Sure		C H N

WORKSHEET 4B – PASTURE ASSESSMENT: PATHOGENS AND NUTRIENTS

Date(s) Updated: _____

The following questions are intended to help assess ranch/farm water quality and potential sources of pollution in the watershed. It is important to note that identified pollution sources may not be caused by current livestock grazing activities. This assessment is intended to be used on each pasture/field utilized for agricultural production purposes on the ranch/farm. Multiple fields or the entire ranch may be assessed at once. Describe the condition and pasture/field location. Note any recorded problem conditions as caused by: Current livestock management (C); a Historic legacy site (H); or Natural causes (N). For more information, refer to the publications [Understanding Livestock Grazing Impacts](#) or [Sediment Delivery Inventory and Monitoring](#).

PATHOGENS AND NUTRIENTS

<i>Livestock distribution</i>			
Question	Potential source	Pasture location and description of condition	Cause C / H / N
Storm runoff from corrals connects to stream?	Yes No Not Sure		C H N
Corrals used throughout the winter?	Yes No Not Sure		C H N
Feeding, salting, or watering areas near stream?	Yes No Not Sure		C H N
Do livestock congregate in the stream?	Yes No Not Sure		C H N
<i>Compost & manure management</i>			
Question	Potential source	Pasture location and description of condition	Cause C / H / N
Compost stockpile runoff connects to stream?	Yes No Not Sure		C H N
Compost applied to pasture less than 2 weeks before a runoff generating rain storm?	Yes No Not Sure		C H N
Compost applied to pastures is stored (aged) less than one month?	Yes No Not Sure		C H N