

**CSP-2018-1\_IN - Ag Land Farmstead**

**Soil Erosion**

**Sheet and Rill Erosion**

**Planning Criteria**

**Planning Criteria Met**

Permanent ground cover greater than 90% and slope less than 10%;  
OR, The water erosion rate is less than or equal to T.

Yes  No

**Evaluation Tests**

**Evaluation Test Met**

All temporary or permanent rills and gullies are stabilized. All areas  
expected to have high erosion rates are stable.

Yes  No

All non-traffic areas are vegetated.

Yes  No

**Classic Gully Erosion**

**Planning Criteria**

**Planning Criteria Met**

Classic gullies are not present; Or, Classic gully management is  
adequate to stop the progression of head cutting and widening and  
offsite impacts are minimized by vegetation and/or structures.

Yes  No

**Evaluation Tests**

**Evaluation Test Met**

Classic Gullies are not present; Or, All classic gullies are stabilized;  
AND, All areas expected to have high erosion rates are stable.

Yes  No

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**Streambank, Shoreline, Water Conveyance Channels**

**Planning Criteria**

For shorelines and water conveyance channels; banks are stable or commensurate with normal geomorphological processes; AND, If bank erosion is present, it is beyond the client's control or commensurate with normal geomorphological processes; AND, For streambanks, SVAP2 bank condition element score greater than 5. If shorelines or water conveyance channels are not present, set this planning criteria to NA.

**Planning Criteria Met**

Yes  No

**Evaluation Tests**

Excluding all fundamentally unstable, natural geomorphic streambanks and shorelines, all streambanks and shorelines on the land use show few signs of erosion or bank failure; AND, Each is stable and protected with natural materials. If shorelines and water conveyance channels do not exist on the land management system, set this test statement to NA.

**Evaluation Test Met**

Yes  No

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**Water Quality Degradation**

**Pesticides in Surface Water**

**Planning Criteria**

**Planning Criteria Met**

Pesticides are stored, handled, disposed and applied to prevent runoff, spills, leaks and leaching; AND, Conservation practices and techniques are in place to minimize ground water impacts.

Yes  No

**Evaluation Tests**

**Evaluation Test Met**

Pesticides are not applied or stored on this land management system; Or, Pesticides are applied using a site-specific mixture of prevention, avoidance, monitoring, and suppression (PAMS) strategies. Environmental risk screening tool are used (such as WIN-PST or similar LGU approved tool); AND, application rates and timing are compliant with the label.

Yes  No

**Nutrients in Surface water**

**Planning Criteria**

**Planning Criteria Met**

Organic or inorganic nutrients are not applied and AFO/CAFO is not present; OR, Nutrient and amendment applications are based on soil or tissue tests and nutrient budgets for realistic yields; AND, Manure is managed and stored to eliminate off-site movement; AND, Conservation practices and management activities are in place to minimize surface water impacts.

Yes  No

**Evaluation Tests**

**Evaluation Test Met**

Livestock access to streams is limited to short periods of time and small areas.

Yes  No

Manure and untreated runoff from animal pens, feedlots, or similar AFO/CAFO is stopped from entering nearby streams, drainage ditches, and irrigation ditches.

Yes  No

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**Nutrients in Groundwater**

**Planning Criteria**

**Planning Criteria Met**

Liquid manure is not stored; OR, Liquid manure storages have a liner to reduce seepage to groundwater sources.

Yes  No

**Evaluation Tests**

**Evaluation Test Met**

Liquid manure is not stored; OR, liquid manure storages have a liner to reduce seepage to groundwater sources.

Yes  No

**Excess Pathogens and Chemicals from Manure, bio-solids or Compost Applications in Surface Water**

**Planning Criteria**

**Planning Criteria Met**

Potential sources of pathogens or pharmaceuticals are not applied on the land; OR, Organic materials are applied, stored, and/or handled to mitigate negative impacts to surface water sources.

Yes  No

**Evaluation Tests**

**Evaluation Test Met**

Livestock access to stream is controlled; OR, Livestock are limited to small watering or crossing areas.

Yes  No

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**Excess Pathogens and Chemicals from Manure, bio-solids or Compost Applications in Ground Water**

**Planning Criteria**

**Planning Criteria Met**

Potential sources of pathogens or pharmaceuticals are not stored or applied on the land; OR, Organic materials are applied, stored, and/or handled to mitigate negative impacts to groundwater sources.

Yes  No

**Evaluation Tests**

**Evaluation Test Met**

Water well(s) does not exist; OR, Any water well(s) is located at least 100 feet from animal pens, feedlots, or similar AFO/CAFO OR runoff from these areas is treated; OR, An impervious barrier around the well prevents seepage into the groundwater.

Yes  No

**Petroleum, Heavy Metal and Other Pollutants Transported to Surface Water**

**Planning Criteria**

**Planning Criteria Met**

Activities do not present the potential for contamination by petroleum, heavy metals and other pollutants. If present, potential pollutants are stored and handled to avoid runoff to groundwater.

Yes  No

**Evaluation Tests**

**Evaluation Test Met**

Fuel storage does not occur on this land management system; OR, If required, the producer has and is following a Spill Prevention, Control, and Countermeasure (SPCC) Plan; OR, The fuel storage area and tank is located: - above the 100-year floodplain, - a minimum of 100 feet from any river, stream, ditch, pond, lake, sinkhole, wetland, or water well; AND, Within a stable place designed to provide secondary containment if the primary means were to fail.

Yes  No

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**Excessive Sediment in Surface Water**

**Planning Criteria**

**Planning Criteria Met**

There are no untreated sources of erosion and streams or shoreline are not on or adjacent to site; OR, Upslope treatment and buffer practices address concentrated flows to water bodies; AND, Heavy use areas are stable; AND, The SVAP2 - bank condition is greater than or equal to 5.

Yes  No

**Evaluation Tests**

**Evaluation Test Met**

Drainage and erosion control measures are implemented on roads, trails and landings to minimize detrimental effects of concentrated flow, erosion and sedimentation; AND, Stream crossings are restored and stabilized.

Yes  No

The land adjacent to a stream, river, or other waterbody on the side or sides you control does: - have diverse, natural plant cover typical to that along streams in your area, - extend from the stream bank/shoreline for a distance of 35 feet or (if applicable) the minimum State buffer-width requirement, whichever is greater; AND, Have few places where concentrated runoff flows through.

Yes  No

All temporary or permanent rills and gullies are stabilized; OR, Temporary or permanent rills and gullies do not exist.

Yes  No

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**Degraded Plant Condition**

**Excessive Plant Pest Pressure**

**Planning Criteria**

Plant pest damage to plants is below economic or environmental thresholds; AND, plant pests, including noxious and invasive species are managed.

**Planning Criteria Met**

Yes  No

**Evaluation Tests**

Invasive and noxious weeds are controlled or are not present.

**Evaluation Test Met**

Yes  No

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**Fish and Wildlife - Inadequate Habitat**

**Inadequate Habitat - Cover/Shelter**

**Planning Criteria**

The WHSI rating is greater than or equal to 0.5; AND, (when surface stream present) the SVAP2 - barriers to movement element score is greater than or equal to 7; AND, the SVAP2 - fish habitat complexity element score is greater than or equal to 7; AND, the SVAP2 - aquatic invertebrate habitat element score is greater than or equal to 7; OR conservation practices and management practices are in place that meet or exceed species or guild-specific habitat model thresholds; OR, habitat cover is of available quality and extent to support requirements for the species of interest.

**Planning Criteria Met**

Yes  No

**Evaluation Tests**

Plant growth and cover is managed to develop and maintain habitat to help chosen wildlife species. (see State Wildlife Action Plan)

**Evaluation Test Met**

Yes  No

**Inadequate Habitat - Habitat Continuity (Space)**

**Planning Criteria**

The WHSI rating is greater than or equal to 0.5; AND, (when surface stream present) The SVAP2 - barriers to movement element score is greater than or equal to 7; AND, The SVAP2 - aquatic invertebrate habitat element score is greater than or equal to 7; OR, Conservation practices and managements are in place that meet or exceed species or guild-specific habitat model thresholds; OR, The connectivity of habitat components are adequate to support stable populations of target species.

**Planning Criteria Met**

Yes  No

**Evaluation Tests**

Connectivity between food resources and cover and shelter is provided for the target wildlife species. (see State Wildlife Action Plan)

**Evaluation Test Met**

Yes  No



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**Inefficient Energy Use**

**Equipment and Facilities**

**Planning Criteria**

**Planning Criteria Met**

On-farm renewable energy and/or energy conserving practices have been implemented and energy savings can be documented by operational adherence to an NRCS approved Energy Audit or the use of various energy saving calculators.

Yes  No

**Evaluation Tests**

**Evaluation Test Met**

Energy loss from lighting, drying, refrigeration, cooling, heating, or building insulation has been improved.

Yes  No