Soil Erosion

Sheet and Rill Erosion

Planning Criteria

Soil surface organic residue cover >80%; OR, Site is stable and without visible signs of erosion.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

The forest O horizon is covered with leaves, needles, fine woody debris, rocks, and/or herbaceous vegetation that protects the soil on more than 80% of the area.

Evaluation Test Met

Yes ☐ No ☐

Wind Erosion

Planning Criteria

Soil surface organic residue cover >80%; OR, Site is stable and without visible signs of erosion.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

The forest O horizon is covered with leaves, needles, fine woody debris, rocks, and/or herbaceous vegetation that protects the soil on more than 80% of the area.

Evaluation Test Met

Yes ☐ No ☐
# CSP-2019-1_NM - NIPF Forest

## Classic Gully Erosion

<table>
<thead>
<tr>
<th>Planning Criteria</th>
<th>Planning Criteria Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>Yes [ ] No [ ]</td>
</tr>
</tbody>
</table>

### Evaluation Tests

<table>
<thead>
<tr>
<th>Evaluation Test Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classic Gullies are not present; Or, All classic gullies are stabilized; AND, All areas expected to have high erosion rates are stable.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Evaluation Test Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drainage and erosion control measures are implemented on roads, trails and landings to minimize detrimental effects of concentrated flow, erosion and sedimentation. Stream crossings are restored and stabilized.</td>
</tr>
</tbody>
</table>

## Streambank, Shoreline, Water Conveyance Channels

<table>
<thead>
<tr>
<th>Planning Criteria</th>
<th>Planning Criteria Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>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 &gt; 5. If shorelines or water conveyance channels are not present, set this planning criteria to NA.</td>
<td>Yes [ ] No [ ]</td>
</tr>
</tbody>
</table>

### Evaluation Tests

<table>
<thead>
<tr>
<th>Evaluation Test Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>
### Soil Quality Degradation

#### Organic Matter Depletion

<table>
<thead>
<tr>
<th>Planning Criteria</th>
<th>Planning Criteria Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic matter within the soil is managed by means of proper forest management. Determined and documented by use of on-site evaluations and state specific forestland management practices.</td>
<td>Yes [ ] No [ ]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Evaluation Tests</th>
<th>Evaluation Test Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>The forest O horizon is covered with leaves, needles, fine woody debris, rocks, and/or herbaceous vegetation that protects the soil on more than 80% of the area. The O and A horizons are not displaced. Woody residue is being added to the surface soil horizons through branch breakage and treefalls.</td>
<td>Yes [ ] No [ ]</td>
</tr>
</tbody>
</table>

Tree/shrub residue is left in place to provide for natural organic matter cycling within the forest.

| Yes [ ] No [ ] |

#### Compaction

<table>
<thead>
<tr>
<th>Planning Criteria</th>
<th>Planning Criteria Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil compaction is not a problem: AND, Activities do not cause soil compaction problems AND can be documented with prior conservation planning or other on-site evaluation methods.</td>
<td>Yes [ ] No [ ]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Evaluation Tests</th>
<th>Evaluation Test Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil compaction is limited to roads and landings. Tree root growth is not impeded. No more than 15% of the forested area is devoted to roads, trails, and landings.</td>
<td>Yes [ ] No [ ]</td>
</tr>
</tbody>
</table>

Trails and landings do not have visible drainage or erosion issues that are a result of soil compaction.

| Yes [ ] No [ ] |
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**Subsidence**

**Planning Criteria**

Histisols are managed so as to not exhibit signs of subsidence. Determined and documented with soil survey documentation or other on-site evaluation methods.

**Planning Criteria Met**

Yes ☐ No ☐

**Evaluation Tests**

The forest O horizon is covered with leaves, needles, fine woody debris, rocks, and/or herbaceous vegetation that protects the soil on more than 90% of the area. There is no artificial drainage operating on the site. If histisols are not present on this land management system, set the test statement to NA.

**Evaluation Test Met**

Yes ☐ No ☐

**Concentration of Salts and other Chemicals**

**Planning Criteria**

Salinity/sodicity problems do not exist: OR, Conservation practices and managements are in place to mitigate on-site effects.

**Planning Criteria Met**

Yes ☐ No ☐

**Evaluation Tests**

There are no areas of extensive bare ground, or largely unvegetated areas, present in areas of high salts. If there are no areas of high salts on the land management system, set this test statement to YES.

**Evaluation Test Met**

Yes ☐ No ☐

Unconventional soil amendments are not applied; OR, If applied, are tested prior to application to fields and are applied according to a nutrient management system. These amendments could include industrial waste, bio-solids, organics, etc.

Yes ☐ No ☐
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**Excess Water**

**Runoff and Flooding and Ponding**

**Planning Criteria**

Runoff, flooding, and ponding is managed to minimize the impact on conservation measures and/or forest production.

**Planning Criteria Met**

Yes ☐ No ☐

**Evaluation Tests**

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.

**Evaluation Test Met**

Yes ☐ No ☐

**Seasonal High Water Table**

**Planning Criteria**

Excess water resulting from a seasonal high water table is managed to prevent significant negative effects to conservation measures and/or crop production. If seasonal high water tables do not exist, set this planning criteria to NA.

**Planning Criteria Met**

Yes ☐ No ☐

**Evaluation Tests**

Forest management controls the soil moisture levels such that cyclical water table changes are not extreme. If seasonal high water tables do not exist in the land management system, set this test statement to NA.

**Evaluation Test Met**

Yes ☐ No ☐
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**Insufficient Water**

**Inefficient Use of Irrigation Water**

**Planning Criteria**
The irrigation system components and management result in a Farm Irrigation Rating Index > 60; AND, Meets applicable State in-stream flow and lake and pond water levels requirements. If the land management system is not irrigated, or equipment on this land management system is not used to irrigate, set this planning criteria to NA.

**Evaluation Tests**
An irrigation water management (IWM) plan is followed that meets the crop's needs, while maximizing irrigation water efficiency. The IWM plan schedules water application based on soil moisture monitoring and/or evapotranspiration monitoring, measures and records the amount of water used to irrigate, and the irrigation system's distribution uniformity has been evaluated and necessary changes were made. If the land management system is not irrigated, or equipment on this land management system is not used to irrigate, set this test statement to NA.

**Inefficient Moisture Management**

**Planning Criteria**
Moisture management is not a problem and activities do not cause inefficient moisture management problems. Soil loss is less than or equal to T.

**Evaluation Tests**
Management choices include actions to limit moisture loss. For example, maintaining shade, retaining the forest soil O horizon, and maintaining correct stocking levels.

Stocking levels are monitored and maintained to maximize forest health and production.
Water Quality Degradation

Pesticides in Surface Water

Planning Criteria

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.

Planning Criteria Met

Yes ☐  No ☐

Evaluation Tests

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.

Evaluation Test Met

Yes ☐  No ☐

Pesticides in Ground Water

Planning Criteria

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.

Planning Criteria Met

Yes ☐  No ☐

Evaluation Tests

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; AND, 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.

Evaluation Test Met

Yes ☐  No ☐
### CSP-2019-1_NM - NIPF_Forest

#### Nutrients in Surface Water

<table>
<thead>
<tr>
<th>Planning Criteria</th>
<th>Planning Criteria Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic or inorganic nutrients are not applied and the PLU is not grazed; OR, If nutrients are applied, they are based on a soil test, tissue tests or nutrient budget and livestock access to streams is controlled.</td>
<td>Yes [ ] No [ ]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Evaluation Tests</th>
<th>Evaluation Test Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>Yes [ ] No [ ]</td>
</tr>
<tr>
<td>Livestock access to streams is limited to short periods of time and small areas.</td>
<td>Yes [ ] No [ ]</td>
</tr>
<tr>
<td>The land adjacent to a stream, river, or other waterbody on the side or sides you control: - has diverse, natural plant cover typical to that along other streams within the drainage basin; - 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.</td>
<td>Yes [ ] No [ ]</td>
</tr>
</tbody>
</table>
CSP-2019-1_NM - NIPF_Forest

**Nutrients in Ground Water**

**Planning Criteria**

Organic or inorganic nutrients are not applied and PLU is not grazed; OR, Nutrient and amendment applications are based on soil or tissue tests and nutrient budgets for realistic yields and conservation practices: AND, Management activities are in place to minimize ground water impacts.

**Planning Criteria Met**

| Yes | No |

**Evaluation Tests**

Nutrients are not applied on this land management system; OR, if nutrients are applied, a nutrient budget is used to determine all application rates, including: - Realistic yield goals, - Nutrient uptake requirements, and - Available nutrient accounting for each of the following: (a) N, P, K from representative soil tests (less than or equal to 3yrs), (b) Soil organic matter mineralization, (c) Legumes in rotation, (d) Previous applications of manure and other organic based materials, (e) Planned post-harvest residual soil test levels, (f) Available nutrient analysis for each nutrient source, and (g) Available nutrient uptake efficiencies from planned application rate, source, method, timing and placement. All state specific application setbacks are maintained for all nutrient applications.

**Evaluation Test Met**

| Yes | No |

Grazing management in close proximity to sinkholes does not degrade groundwater. If sinkholes are not in close proximity to this land management system, set the test statement to YES.

| Yes | No |

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

**Planning Criteria**

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.

**Planning Criteria Met**

| Yes | No |

**Evaluation Tests**

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

**Evaluation Test Met**

| Yes | No |
**CSP-2019-1_NM - NIPF_Forest**

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

<table>
<thead>
<tr>
<th>Planning Criteria</th>
<th>Planning Criteria Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>Yes ☐ No ☐</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Evaluation Tests</th>
<th>Evaluation Test Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>Yes ☐ No ☐</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Planning Criteria</th>
<th>Planning Criteria Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>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 seepage to groundwater.</td>
<td>Yes ☐ No ☐</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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<tr>
<td>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.</td>
<td>Yes ☐ No ☐</td>
</tr>
</tbody>
</table>
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**Excessive Sediment in Surface Water**

**Planning Criteria**

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 $\geq 5$.

**Planning Criteria Met**

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

**Evaluation Tests**

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.

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

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.

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

**Elevated Water Temperature**

**Planning Criteria**

Water courses on or adjacent to the site are not designated by a State Agency as a temperature impairment; OR, The SVAP2 - riparian area quality element score is $\geq 5$; AND, The SVAP2 - riparian area quantity element score is $\geq 5$; AND, The SVAP2 - canopy cover element score is $\geq 6$; OR, Existing conservation practices are in place to address water temperature. If water courses are not present, set this planning criteria to NA.

**Planning Criteria Met**

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

**Evaluation Tests**

More than 50% of the water surface is shaded on the length of the stream/river for this land management system. If waterbodies are not present on this land management system, set the test statement to NA.

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>
## Air Quality Impacts

### Emissions of Particulate Matter (PM) and PM Precursors

**Planning Criteria**

Management activities do not contribute to agricultural source particulate matter (PM) or PM precursor emissions; AND, documented episodes or complaints of emissions of PM (dust, smoke, exhaust, etc.), or chemical drift have not occurred. PM producing activity examples are: Prescribed Burn is conducted, Travel ways unpaved or untreated with binding agents, Engines (combustion source), Tillage, Pesticides are applied, Fertilization (manure/commercial), CAFO/manure management.

**Evaluation Tests**

Field operations and activities are managed to minimize particulate emissions on the farm (i.e. multi-operation field tools, precision guidance systems, Prescribed Burn plans are implemented, and treatment/management of all non-vegetated, unpaved travel ways.)

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dust is controlled on all non-vegetated, unpaved travel ways. If non-vegetated or unpaved travel ways are not used or planned, set this test statement to YES.</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Prescribed Burning activities are timed and implemented to ensure basic smoke management practices are applied. If Prescribed Burning is not used, set this test statement to NA.</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>
## Emissions of Ozone Precursors

### Planning Criteria

Operations that produce ozone precursor emissions are not present; OR, or are managed to reduce emissions. Ozone precursor producing activities may include: Engines (combustion source), Pesticide application, Burning, CAFO/manure management, or fertilization (manure/commercial).

<table>
<thead>
<tr>
<th>Planning Criteria Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes ☐ No ☐</td>
</tr>
</tbody>
</table>

### Evaluation Tests

Energy-efficient vehicles, equipment, and other actions are used to lessen discharges of NOx. Other actions may include: regularly servicing and properly maintaining combustion equipment, using the minimum level of equipment needed to accomplish the activity, and minimizing number of trips into the area.

<table>
<thead>
<tr>
<th>Evaluation Test Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes ☐ No ☐</td>
</tr>
</tbody>
</table>

Farm or forest harvest equipment is serviced at regular intervals to reduce emissions of ozone precursors

<table>
<thead>
<tr>
<th>Evaluation Test Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes ☐ No ☐</td>
</tr>
</tbody>
</table>

If prescribed burning is used a prescribed burning plan is followed that includes all applicable smoke management practices.

<table>
<thead>
<tr>
<th>Evaluation Test Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes ☐ No ☐</td>
</tr>
</tbody>
</table>

Nitrogen stabilizers are used when any nitrogen is applied. If nitrogen is not applied, set this test statement to NA.

<table>
<thead>
<tr>
<th>Evaluation Test Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes ☐ No ☐</td>
</tr>
</tbody>
</table>

Pesticides are not applied; OR, an IPM plan is followed which reduces ozone precursors. IPM includes applications of pesticides, including fumigants, be applied in a way that emissions of ozone precursors are reduced; Application methods may include: spot spraying, pest/target sensing application equipment, alternative pesticide formulations, or low emission fumigation methods.

<table>
<thead>
<tr>
<th>Evaluation Test Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes ☐ No ☐</td>
</tr>
</tbody>
</table>
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Emission of Greenhouse Gases (GHGs)

**Planning Criteria**

Activities that produce GHGs emissions are not present: OR, activities that produce GHGs emissions are managed to reduce those emissions; AND, Carbon sequestration is enhanced through reduced tillage methods or other practices. GHG producing activities that should be considered include: Fertilization (manure/commercial), Tillage methods, grazing management, and forestry practices; AND GHGs are not regulated in this planning area.

**Planning Criteria Met**

Yes ☐ No ☐

**Evaluation Tests**

The forest is managed to promote carbon sequestration by selecting species with high growth rates or species with long lifespans that are capable of reaching a large size.

**Evaluation Test Met**

Yes ☐ No ☐
Degraded Plant Condition

Undesirable Plant Productivity and Health

Planning Criteria
Forest species are adapted to site AND, Composition and stand density meet ecological site objectives and production goals.

Planning Criteria Met
Yes ☐  No ☐

Evaluation Tests
The forest or woodlot is fully stocked with tree species adapted to the site, has spacing for good tree growth and air flow between and beneath, does not have excessive tree mortality, has an understory made up of desirable species and is not inhibited by brush or other undesirable vegetation. Monitoring for insects and disease is completed to prevent outbreaks that would be detrimental to forest health.

Evaluation Test Met
Yes ☐  No ☐

Inadequate Structure and Composition

Planning Criteria
Plant communities contain adequate diversity, composition and structure to support desired ecological functions for the ecological site.

Planning Criteria Met
Yes ☐  No ☐

Evaluation Tests
The current plants provide the desired habitat structure and composition. State identified invasive plants and noxious weeds are controlled.

Evaluation Test Met
Yes ☐  No ☐
### 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**

Noxious weeds, and plants that impact forest growth, are controlled or are not present.

**Evaluation Test Met**

Yes [ ] No [ ]

Trees are selected or planted that are tolerant of known damaging pests. Woody debris that fosters pest outbreaks is appropriately treated to reduce risk.

**Evaluation Test Met**

Yes [ ] No [ ]

### Wildfire Hazard, Excessive Biomass Accumulation

**Planning Criteria**

Wildfire hazards is not a concern; OR, Fuel loads and fuel ladders are managed to provide defensible space.

**Planning Criteria Met**

Yes [ ] No [ ]

**Evaluation Tests**

Trees, shrubs, and vines are managed in a manner to reduce ladder fuels.

**Evaluation Test Met**

Yes [ ] No [ ]

The forest or woodlot is fully stocked with tree species adapted to the site, has spacing for good tree growth and air flow between and beneath, does not have excessive tree mortality, has an understory made up of desirable species and is not inhibited by brush or other undesirable vegetation. Monitoring for insects and disease is completed to prevent outbreaks that would be detrimental to forest health. Woody debris on the forest floor supports wildlife but does not present an elevated fire risk.

**Evaluation Test Met**

Yes [ ] No [ ]

Active management occurs to avoid excessive buildup of likely wildfire fuels.

**Evaluation Test Met**

Yes [ ] No [ ]
**Fish and Wildlife - Inadequate Habitat**

**Inadequate Habitat - Food**

<table>
<thead>
<tr>
<th>Planning Criteria</th>
<th>Planning Criteria Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>The WHSI rating is $\geq 0.5$; AND, (when surface stream present) The SVAP2 - fish habitat complexity element score is $\geq 7$; AND, The SVAP2 - aquatic invertebrate habitat element score is $\geq 7$; OR, Conservation practices and managements are in place that meet or exceed species or guild-specific habitat model thresholds; OR, Food is available in quality and extent to support habitat requirements for the species of interest.</td>
<td>Yes ☐ No ☐</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Evaluation Tests</th>
<th>Evaluation Test Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant growth and cover is managed to develop and maintain habitat to benefit target wildlife species.</td>
<td>Yes ☐ No ☐</td>
</tr>
<tr>
<td>Trees and shrubs provide nectar and pollen sources for pollinators and beneficial insects as well as providing adequate food for browsing animals.</td>
<td>Yes ☐ No ☐</td>
</tr>
</tbody>
</table>
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Inadequate Habitat - Cover/Shelter

Planning Criteria

The WHSI rating is >= 0.5; AND, (when surface stream present) the SVAP2 - barriers to movement element score is >= 7; AND, the SVAP2 - fish habitat complexity element score is >= 7; AND, the SVAP2 - aquatic invertebrate habitat element score is >= 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

The stream(s) have: - a natural, unaltered configuration, with minimal channel straightening, dredging, or bank alteration by armoring with rip-rap or other non-natural materials, - stable banks with limited erosion or bank failure; AND, human uses and/or grazing levels that do not negatively impact bank condition. If streams are not present on the land management system, set the test statement to NA.

Evaluation Test Met

Yes ☐   No ☐

The pond/lake, which supports a natural or planted fish population, is managed: -to exclude livestock, -to control nuisance species and undesirable aquatic vegetation controlled, -to complies with state and local regulations when stocking the pond, AND -use of a buffer zone of diverse, natural plant cover at least 35 feet wide.

Evaluation Test Met

Yes ☐   No ☐

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 ☐

Timber is managed in uneven aged stands, and not clear-cut.

Evaluation Test Met

Yes ☐   No ☐

Designated areas are planted as food and habitat for pollinators/beneficial insects. For example, planted to nectar and pollen producing plants and protected from disruption--chemical, biological, or mechanical.

Evaluation Test Met

Yes ☐   No ☐

Livestock access to stream(s) is controlled; OR, livestock access is limited to small watering or crossing areas

Evaluation Test Met

Yes ☐   No ☐
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**Inadequate Habitat - Water**

**Planning Criteria**

The WHSI rating is $\geq 0.5$; AND, (when surface stream present) The SVAP2 - aquatic invertebrate habitat element score is $\geq 7$; OR, Conservation practices and managements are in place that meet or exceed species or guild-specific habitat model thresholds; OR, Water is available in quality and extent to support habitat requirements for the species of interest.

**Planning Criteria Met**

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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**Evaluation Tests**

Water for habitat is accessible and at the right depth, duration, and time of year for chosen wildlife species (See State Wildlife Action Plan)

**Evaluation Test Met**

<table>
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<tr>
<th>Yes</th>
<th>No</th>
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# CSP-2019-1_NM - NIPF_Forest

## Inadequate Habitat - Habitat Continuity (Space)

### Planning Criteria

The WHSI rating is $\geq 0.5$; AND, (when surface stream present) The SVAP2 - barriers to movement element score is $\geq 7$; AND, The SVAP2 - aquatic invertebrate habitat element score is $\geq 7$; 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

<table>
<thead>
<tr>
<th>Planning Criteria Met</th>
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<tr>
<td>Yes ☐</td>
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### Evaluation Tests

#### Evaluation Test Met

<table>
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<td>Yes ☐</td>
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- Connectivity between food resources and cover and shelter is provided for the target wildlife species. (see State Wildlife Action Plan)

- Designated areas are planted as habitat for pollinators and beneficial insects. Non-cropped area protected from disruption during nesting and foraging periods--chemical, biological, or mechanical.

- In-stream structures (i.e. dam, diversion structure, bridge, culvert, low-water stream crossing, etc.) allow for the upstream and downstream movement of fish and other aquatic animals throughout most of the year.

- 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; AND, Extend from the stream bank or shoreline for a distance of 35 feet; OR, (if applicable) The minimum State buffer-width requirement, whichever is greater.
Livestock Production Limitation

Inadequate Feed and Forage

Planning Criteria
Livestock forage, roughage, and supplemental nutritional requirements are met.

Planning Criteria Met
Yes ☐ No ☐

Evaluation Tests
An existing Prescribed Grazing plan is on schedule. Animal stocking levels, minimum forage heights are maintained and rotation periods are designed to avoid harm to sensitive plants. If the forest is not grazed, set this test statement to NA.

Evaluation Test Met
Yes ☐ No ☐

Inadequate Shelter

Planning Criteria
Artificial or natural shelters meet animal health needs.

Planning Criteria Met
Yes ☐ No ☐

Evaluation Tests
Adequate shelter is provided to meet the needs of the livestock throughout the period the land management system (LMS) is utilized by livestock. If livestock do not use this LMS, set the test statement to NA.

Evaluation Test Met
Yes ☐ No ☐
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Inadequate Water

Planning Criteria

Water of acceptable quality and quantity is adequately distributed to meet animal needs.

Planning Criteria Met

Yes ☐  No ☐

Evaluation Tests

The livestock have enough drinking water of good quality. If livestock do not use this land management system, set the test statement to NA.

Evaluation Test Met

Yes ☐  No ☐
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Inefficient Energy Use

Equipment and Facilities

Planning Criteria

On-site renewable energy and/or energy conserving implements have been implemented to improve energy efficiency for field operations.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

Energy conserving implements are used for all or some field operations.

Evaluation Test Met

Yes ☐ No ☐

Farming/Ranching Practices and Field Operations

Planning Criteria

On-farm renewable energy and/or energy conserving implements are being used to improve energy efficiency for forestland operations. Forestland operations are planned with the intent to reduce trips into the forestland.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

Energy-efficient actions are used in forest management activities. For example, limiting the number of trips into the forest, or leaving woody residue in place if it is not a fire or pest hazard.

Evaluation Test Met

Yes ☐ No ☐