

**NATIONAL AND STATE RESOURCE CONCERNS & PLANNING CRITERIA FOR CONSERVATION PLANNING**  
**March 2019**  
**IDAHO**

<b>Resource Concern - Cause</b> A resource concern (RC) is an expected degradation of the soil, water, air, plant, or animal resource base to an extent that the sustainability or intended use of the resource is impaired. Because NRCS quantifies or describes resource concerns as part of a comprehensive conservation planning process that includes client objectives, human and energy resources are considered components of the resource base.  The "Cause" is the specific reason or threat to the resource that results in the resource concern.	<b>Description of Concern</b>	<b>Land Use</b>  * <b>Required Assessment (shaded)</b>	<b>Planning Criteria</b> <b>Planning Consideration</b> A planning consideration is a description of potential actions or activities that should be considered to help address an identified resource concern and/or to address unintended consequences of an action. Planning considerations are identified for resource concerns when it is not appropriate or technologically feasible to identify specific criteria or a threshold for treatment.  <b>If planning criteria are met, BUT the client wants to move to a higher level of environmental benefit, then check the box (on appropriate Checklist of Resource Concerns) indicating PC not met, and document how the resource concern will be addressed to a higher level.</b>		<b>Planning Criteria (PC)</b>  A planning criterion is a quantitative or qualitative method to assess the existing condition of the natural resources on a site to determine whether additional treatment is needed to address a specific potential resource concern.
			<b>Screening Criteria (SC)</b>  Screening criteria are defined, when appropriate, to identify sites with conditions that have <b>little or no probability of needing additional treatment</b> to address the specific resource concern. If the site meets the screening level criteria, then no other assessment is needed to document that planning criteria are met on this site.	<b>Measurement &amp; Assessment Tools</b>  Description of the technology or process for determining if assessment criteria are met.	

**SOIL**

<p><b>- 1 SOIL EROSION - Sheet, rill, &amp; wind erosion</b></p>	<p>Detachment and transportation of soil particles caused by rainfall runoff/splash, irrigation runoff or wind that degrades soil quality</p>	<ul style="list-style-type: none"> <li>Crop*</li> </ul>	<p>Perennial ground cover &gt; 90%  <b>AND</b>                      Perennial ground cover makes up at least 80% of the rotation  <b>AND</b>                      Slope &lt; 8%  <b>AND</b>                      Low residue crop years &gt;30% residue</p>	<p><b>RUSLE2 (if sheet and rill) WEPS (if wind erosion)</b></p>	<p>Water erosion rate ≤ T</p>	
			<p><b>OR</b>                      Continuous high residue no-till crop  <b>AND</b>                      Slope &lt; 8%</p>			<p>Wind erosion rate ≤ T</p>
			<p>Crop: Subcategory Irrigation-Induced Erosion</p>	<p>Not irrigated</p>	<p><a href="#">SISL (if surface irrigated)</a>                      Observation/estimate for sprinkler</p>	<p>Irrigation induced erosion ≤ T</p>
			<ul style="list-style-type: none"> <li>Forest*</li> </ul>	<p>Soil surface organic residue cover &gt; 80% (typical for forest except following a fire)</p>	<p>Visual Inspection</p>	<p>Site is stable and without visible signs of erosion</p>
			<ul style="list-style-type: none"> <li>Pasture*</li> </ul>	<p>Permanent ground cover &gt; 90% and slope &lt; 10%</p>	<p><a href="#">Pasture Condition Scoresheet</a>                      RUSLE2 (if sheet/rill)                      WEPS (if wind)</p>	<p>PCS erosion rating ≥4  <b>OR</b>                      Water and wind erosion ≤ T</p>
			<ul style="list-style-type: none"> <li>Range*</li> </ul>	<p>Use Assessment Tools and Planning Criteria</p>	<p><a href="#">Rangeland Health Assessment (RHA)</a>  <a href="#">Rangeland Trend Worksheet</a></p>	<p>RHA - soil site stability - slight to moderate or less  <b>AND</b>                      Rangeland Trend is positive</p>
			<ul style="list-style-type: none"> <li>Developed Land*</li> <li>Farmsteads*</li> <li>Associated Ag Land*</li> <li>Designated Protected Area*</li> <li>Other Rural Land*</li> </ul>	<p>Permanent ground cover &gt; 90%  <b>AND</b>                      slope &lt; 8%</p>	<p>RUSLE2                      WEPS  <b>Visual assessment</b></p>	<p>Water erosion rate ≤ T                      Wind erosion rate ≤ T</p>
<p><b>- 2 SOIL EROSION – Concentrated flow erosion</b></p>	<p>Untreated classic gullies may enlarge progressively by head cutting and/or lateral widening. Ephemeral gullies occur in the same flow area and are obscured by tillage. This includes concentrated flow erosion caused by runoff from rainfall, snowmelt or irrigation water.</p>	<ul style="list-style-type: none"> <li>Crop*</li> </ul>	<p>Ephemeral gullies are not apparent after critical erosion period  <b>AND</b>                      Classic gullies are not present or not actively eroding</p>	<p>Field measurements/Observations  <a href="#">Soil Loss Computation Worksheet</a></p>	<p>Conservation practices and management are in place to prevent or control ephemeral gullies  <b>AND</b>                      Classic gully management is adequate to stop the progression of head cutting and widening and offsite impacts are minimized by vegetation and/or structures</p>	
		<ul style="list-style-type: none"> <li>Forest*</li> </ul>	<p>Classic gullies are not present or not actively eroding</p>	<p>Field measurements / Observations (forest)</p>	<p>Classic gully management is adequate to stop the progression of head cutting and widening and offsite impacts are minimized by vegetation and/or structure</p>	

		<ul style="list-style-type: none"> <li>Pasture*</li> </ul>	Use Assessment Tools and Planning Criteria	<a href="#">Pasture Condition Scoresheet</a>  <b>Field measurements/observations</b>	PCS erosion rating $\geq 4$  <b>AND</b> Classic gully management is adequate to stop the progression of head cutting and widening and offsite impacts are minimized by vegetation and/or structures
		<ul style="list-style-type: none"> <li>Range*</li> </ul>	Use Assessment Tools and Planning Criteria	<a href="#">Rangeland Health Assessment (RHA)</a> <a href="#">Rangeland Trend Worksheet</a>  <b>Field measurements/observations</b>	RHA - soil site stability - slight to moderate or less  <b>AND</b> Rangeland Trend is positive  <b>AND</b> Classic gully management is adequate to stop the progression of head cutting and widening and offsite impacts are minimized by vegetation and/or structures
		<ul style="list-style-type: none"> <li>Farmsteads*</li> <li>Developed Land*</li> <li>Associated Ag Land</li> <li>Designated Protected Areas*</li> <li>Other Rural Land*</li> </ul>	Classic gullies are not present or not actively eroding	Field measurements /Observations  <a href="#">Soil Loss Computation Worksheet</a>	Classic gully management is adequate to stop the progression of head cutting and widening and are offsite impacts are minimized by vegetation and/or structures
<p>- 3 <b>SOIL EROSION– Excessive bank erosion from streams shorelines or water conveyance channels</b></p> <p><b>(Run full SVAP for all intermittent and perennial streams and any conveyances that are Waters of US. For shorelines and other conveyances, use SVAP bank condition element only. Concrete lined conveyances exempt.)</b></p> <p><a href="#">SVAP Protocol</a></p>	Sediment from banks or shorelines threatens to degrade water quality and limit use for intended purposes	<ul style="list-style-type: none"> <li>Crop*</li> <li>Forest*</li> <li>Range*</li> <li>Developed Land*</li> <li>Associated Ag Land*</li> <li>Designated Protected Area*</li> <li>Other Rural Land*</li> <li>Farmsteads*</li> </ul>	No streams or shoreline are on or adjacent to site	<a href="#">SVAP2 (if stream present)</a>  Field Observation/Client Input.	<a href="#">For shorelines and water conveyance channels</a> – Banks are stable or commensurate with normal geomorphological processes  <b>AND</b> <a href="#">For streambanks</a> – SVAP2 bank condition element score $\geq 5$
			<b>OR</b> No bank erosion from streams, shorelines or conveyance channels present		<b>OR</b> If present, bank erosion is caused by upstream land use and beyond the client’s control
			<b>OR</b> Water conveyance is impacted by other jurisdiction out of client’s control.		
		<ul style="list-style-type: none"> <li>Pasture*</li> </ul>	No streams or shoreline are on or adjacent to site	<a href="#">SVAP2 (if stream present)</a>  Field Observation/Client Input  <a href="#">Pasture Condition Scoresheet (PCS)</a>	<a href="#">For shorelines and water conveyance channels</a> – Banks are stable or commensurate with normal geomorphological processes  <b>AND</b> <a href="#">For streambanks-</a> SVAP2 bank condition element score $\geq 5$  <b>AND</b> <a href="#">For all water courses-</a> PCS - streambank / shoreline erosion element score $\geq 4$
<b>OR</b> No bank erosion from streams, shorelines or conveyance channels present	<b>OR</b> If present, bank erosion is caused by upstream land use and beyond the client’s control				
<b>OR</b> Water conveyance is impacted by other jurisdiction out of client’s control.					

<p><b>- 4 SOIL QUALITY DEGRADATION – Subsidence</b></p> <p>This excludes karst / sinkholes issues or depressions caused by underground activities.</p>	<p>Loss of volume and depth of organic soils due to oxidation caused by above normal microbial activity resulting from excessive water drainage, soil disturbance, or extended drought.</p>	<ul style="list-style-type: none"> <li>• Crop</li> <li>• Forest</li> <li>• Pasture</li> <li>• Associated Ag Land</li> <li>• Designated Protected Areas</li> </ul>	<p>Histisol soils are not present</p> <p><b>OR</b></p> <p>Histisol soils are not exhibiting subsidence</p>	<p>Client input / planner observation</p> <p>Soil map and report</p>	<p>Subsidence is adequately managed to meet client’s objectives</p>
<p><b>- 5 SOIL QUALITY DEGRADATION – Compaction</b></p>	<p>Management induced soil compaction resulting in decreased rooting depth that reduces plant growth, animal habitat and soil biological activity</p>	<ul style="list-style-type: none"> <li>• Crop*</li> <li>• Forest</li> <li>• Associated Ag Land</li> <li>• Designated Protected Area</li> <li>• Other Rural Land</li> <li>• Pasture*</li> <li>• Range</li> </ul>	<p>Use Assessment Tools and Planning Criteria</p> <p>Soil compaction is not apparent <b>AND</b> Activities do not cause soil compaction problems</p> <p>Soil compaction is not apparent <b>AND</b> Activities do not cause soil compaction problems</p> <p>Use Assessment Tools and Planning Criteria</p> <p>Soil compaction is not apparent <b>AND</b> Activities do not cause soil compaction problems</p>	<p>Observation of soil and/or plant condition</p> <p>Client input / planner observation</p> <p>Penetrometer or similar tools</p> <p>Client input / planner observation</p> <p>Observation of soil and/or plant condition</p> <p>Client input / planner observation</p> <p>Observation of soil and/or plant condition</p> <p>Client input / planner observation</p> <p><a href="#">Pasture Condition Scoresheet (PCS)</a></p> <p><a href="#">Rangeland Health Assessment (RHA)</a></p> <p>Observation of soil and/or plant condition</p>	<p>Compaction is managed to meet Client’s production and management objectives <b>AND</b> Conservation practices and managements are in place to address compaction</p> <p>Penetrometer &lt;300 psi <b>OR</b></p> <p>Compaction is managed to meet Client’s production and management objectives <b>AND</b> Conservation practices and managements are in place to address compaction</p> <p>Compaction is managed to meet Client’s production and management objectives <b>AND</b> Conservation practices and managements are in place to address compaction</p> <p>PCS – compaction element score ≥ 4</p> <p>RHA - soil site stability is slight to moderate or less</p> <p><b>OR</b> Compaction is managed to meet Client’s production and management objectives <b>AND</b> Conservation practices and management are in place to address compaction.</p>
<p><b>- 6 SOIL QUALITY DEGRADATION – Organic matter depletion</b></p>	<p>Soil organic matter is not adequate to provide a suitable medium for plant growth, animal habitat, and soil biological activity</p>	<ul style="list-style-type: none"> <li>• Crop*</li> <li>• Forest</li> </ul>	<p>Perennial ground cover &gt; 90%</p> <p><b>AND</b></p> <p>Perennial ground cover makes up at least 80% of the rotation</p> <p><b>OR</b></p> <p>Continuous high residue no till cropland</p> <p>Soil organic matter depletion including wood recruitment is not a problem <b>AND</b> Activities do not cause soil organic matter depletion</p>	<p><b>RUSLE2 (if sheet and rill)</b></p> <p><b>WEPS (if wind erosion)</b></p> <p>Forest Management Plan</p> <p>Client input / planner observation</p>	<p>SCI &gt; 0</p> <p>Ground cover meets reference site listed in Forest Management Plan <b>OR</b> Soil organic matter is managed to meet Client objectives</p>

		<ul style="list-style-type: none"> <li>Pasture*</li> </ul>	Use Assessment Tools and Planning Criteria	<a href="#">Pasture Condition Scoresheet (PCS)</a>	PCS - plant cover element score $\geq 4$ <b>AND</b> PCS - plant residue element score $\geq 4$
				RUSLE2 Or WEPS	SCI > 0
		<ul style="list-style-type: none"> <li>Range*</li> </ul>	Use Assessment Tools and Planning Criteria	<a href="#">Rangeland Health Assessment (RHA)</a>	RHA - soil site stability is slight to moderate or less <b>AND</b> RHA – biotic integrity attribute rating is slight to moderate departure or less
				<a href="#">Rangeland Trend Worksheet</a>	<b>OR</b> Rangeland Planned Trend is positive
- 7 <b>SOIL QUALITY DEGRADATION – Concentration of salts or other chemicals</b>	Concentration of salts leading to salinity and/or sodicity reducing productivity or limiting desired use Concentrations of other chemicals impacting productivity or limiting desired use	<ul style="list-style-type: none"> <li>Crop</li> <li>Pasture</li> <li>Range</li> <li>Associated Ag Land</li> <li>Farmsteads</li> </ul>	Activities do not cause salinity/sodicity problems <b>AND</b> No visible signs of soil contamination such as white or brown-black crusting on soils, visible crop stress, poor growth.	Soil diagnostic evaluations Soil survey, visual observations	Conservation practices and management are in place to mitigate on-site effects

**WATER**

- 8 <b>EXCESS WATER – Ponding, flooding, seasonal high water table, seeps, and drifted snow</b>	Surface water or poor subsurface drainage restricts land use and management goals. Wind-blown snow accumulates around and over surface structures, restricting access to humans and animals.	<ul style="list-style-type: none"> <li>Crop</li> <li>Forest</li> <li>Farmsteads</li> <li>Pasture</li> <li>Range</li> <li>Developed Land</li> <li>Designated Protected Area</li> <li>Other Rural Land</li> </ul>	Excess water is not a problem	Client input / planner observation	Excess water is managed to meet Client’s objectives	
			<b>OR</b>	Activities do not cause ponding/flooding problems	Wetland determination	Conservation practices are designed to meet wetland policy.
			<b>Evaluation required where wetlands exist</b>	Excess water is not a problem; wetlands do not exist on site	Client input / planner observation	Excess water is managed to meet Client’s objectives
				<b>OR</b>	Activities do not cause ponding/flooding problems	Wetland determination
- 9 <b>INSUFFICIENT WATER – Inefficient moisture management</b>  <i>Not applicable on Irrigated Land Units</i>	Natural precipitation is not optimally managed to support desired land use goals or ecological processes	<ul style="list-style-type: none"> <li>Crop (dryland only)</li> <li>Developed Land</li> <li>Forest</li> <li>Associated Ag Land</li> <li>Designated Protected Area</li> </ul>	Moisture Management is not a problem <b>AND</b> Activities do not cause inefficient moisture management	Client input / planner observation	Runoff and evapotranspiration levels are minimized to meet Client’s management objectives <b>AND</b> Conservation practices and management are in place to address any off-site impacts	

		<ul style="list-style-type: none"> <li>Range*</li> </ul>	Use Assessment Tools and Planning Criteria	<a href="#">Rangeland Health Assessment (RHA)</a>	RHA - hydrologic function attributes slight to moderate or less
		<ul style="list-style-type: none"> <li>Pasture*</li> </ul>	Use Assessment Tools and Planning Criteria	<a href="#">Pasture Condition Scoresheet (PCS)</a>	PCS – compaction element score $\geq 4$ <b>AND</b> PCS - plant cover element score $\geq 4$
<b>- 10 INSUFFICIENT WATER – Inefficient use of irrigation water</b>	Irrigation water is not stored, delivered, scheduled and/or applied efficiently  Aquifer or surface water withdrawals threaten sustained availability of ground or surface water	<ul style="list-style-type: none"> <li>All* (where irrigation is used)</li> </ul>	PLU is not irrigated  <b>AND</b> PLU is not in a declining Aquifer	<a href="#">FIRI ( Idaho spreadsheet)</a>	For the PRESENT CONDITION (existing system), FIRI % Maximum Potential Rating $\geq 85\%$  OR All practices listed in the Comprehensive Aquifer Management Plan(CAMP) to address aquifer decline have been installed to fully address the resource concern on this PLU
		Available irrigation water supplies have been reduced due to aquifer depletion, competition, regulation and/or drought			
<b>- 11 WATER QUALITY – Excess nutrients in surface and ground water</b>  <b>***Evaluation is required if water bodies on/adjacent to site are designated by IDEQ as impaired by nutrients.</b>	Nutrients - organic and inorganic - are transported to receiving waters through surface runoff and/or leaching into shallow ground waters in quantities that degrade water quality and limit use for intended purposes	<ul style="list-style-type: none"> <li>Crop*</li> </ul>	Organic or inorganic nutrients are not applied  <b>AND</b> PLU is not grazed  <b>AND</b> There are no livestock feeding areas	Client input / planner observation  <b>Nutrient budget</b> <a href="#">INTRA (where nutrients applied)</a>	Nutrient and amendment applications are based on soil tests and nutrient budgets for realistic yields  <b>AND</b> Conservation practices and managements are in place to minimize offsite impacts (including consideration for nutrients from direct deposit)  <b>AND</b> Any INTRA factors rating High or Very High must be addressed
		<ul style="list-style-type: none"> <li>Pasture*</li> </ul>	Use Assessment Tools and Planning Criteria	<a href="#">Pasture Condition Scoresheet (PCS)</a>  Nutrient budget	PCS - streambank / shoreline erosion element score $\geq 4$ <b>AND</b> PCS - livestock concentration areas element score $\geq 4$ <b>AND</b> Nutrients are applied and based on a soil test, tissue tests or nutrient budget with consideration for nutrients from direct deposition.
		<ul style="list-style-type: none"> <li>Farmsteads*</li> <li>Associated Ag Land* (where nutrients applied /stored)</li> </ul>	Organic or inorganic nutrients are not applied  <b>AND</b> PLU is not grazed	Nutrient budget  Client input / planner observation	Nutrients if applied, are based on a soil tests and nutrient budget. <b>AND</b> Conservation practices and managements are in place to minimize offsite impacts (including consideration for nutrients from direct deposit)

		<ul style="list-style-type: none"> <li>Developed Land***</li> <li>Other Rural Land***</li> <li>Designated Protected Area***</li> </ul>	<p style="text-align: center;"><b>AND</b></p> <p>There are no feeding or confined livestock areas</p>	<p style="text-align: center;"><b>AND</b></p> <p><a href="#">AFO/CAFO/WFO Site Assessment</a> (Required if feeding or confinement occurs on planning units)</p>	<p style="text-align: center;"><b>AND</b></p> <p>Surface and ground waters are protected from contamination due to runoff and leaching from storage sites, spills, and other concentrated (point) sources.</p>
		<ul style="list-style-type: none"> <li>Forest***</li> <li>Range***</li> </ul>	<p>Organic or inorganic nutrients are not applied</p> <p style="text-align: center;"><b>AND</b></p> <p>PLU is not grazed</p> <p style="text-align: center;"><b>AND</b></p> <p>There are no livestock feeding areas</p>	<p>Nutrient budget</p> <p>Client input / planner observation</p>	<p>Nutrients if applied, are based on a soil test, tissue test or nutrient budget with consideration from direct deposition.</p> <p style="text-align: center;"><b>AND</b></p> <p>Conservation practices and managements are in place to minimize off-site impacts</p>
- 12 <b>WATER QUALITY</b> –Pesticides transported to surface and ground water	Pest control chemicals are transported to receiving waters in quantities that degrade water quality and limit use for intended purposes	<ul style="list-style-type: none"> <li>All*</li> </ul>	<p>Pest control chemicals are not applied</p> <p style="text-align: center;"><b>AND</b></p> <p>Pest control chemicals are not stored, mixed or handled on-site.</p>	<p>Client input / planner observation</p> <p><b>WinPST</b></p>	<p>Pesticides are stored, handled, disposed and managed to prevent runoff, spills, leaks and leaching</p> <p style="text-align: center;"><b>AND</b></p> <p>Conservation practices and management are in place to minimize offsite impacts for pesticides with an Intermediate or greater hazard rating in WinPST</p>
- 13 <b>WATER QUALITY</b> –Excess pathogens and Chemicals from manure, biosolids or compost applications  <i>This resource concern also includes the off-site transport of leachate and runoff from compost or other organic materials of animal origin.</i>	Pathogens, pharmaceuticals, and other chemicals carried by land applied soil amendments are transported to receiving waters in quantities that degrade water quality and limit use for intended purposes.	<ul style="list-style-type: none"> <li>Crop*</li> <li>Farmsteads*</li> <li>Associated Ag Land* (where sources applied/stored)</li> <li>Pasture*</li> </ul>	<p>Potential sources of pathogens or pharmaceuticals are not applied on the land or stored on site.</p> <p>Sources include:</p> <p>Manure Biosolids Compost Wastewater Rinsewater Cull piles Silage leachate Dead carcasses</p>	<p>Client input / planner observation</p> <p><a href="#">INTRA</a></p> <p><a href="#">AFO/CAFO/WFO Site Assessment</a> (Required if feeding or confinement occurs on planning units)</p>	<p>Organic materials/pathogens sources are applied, stored, and/or handled to mitigate negative impacts to water sources</p>
- 14 <b>WATER QUALITY</b> – Excessive salts in surface and ground waters	Irrigation or rainfall runoff transports salts to receiving water in quantities that degrade water quality and limit use for intended purposes	<ul style="list-style-type: none"> <li>All</li> </ul>	<p>Salt concentration is not a limiting factor to beneficial use</p> <p style="text-align: center;"><b>AND</b></p> <p>Irrigation is not used to “flush” salts from surface soils.</p>	<p>Client input / planner observation</p>	<p>Salt concentrations are managed to mitigate off-site transport to surface or ground waters</p> <p style="text-align: center;"><b>OR</b></p> <p>Conservation practices and management are in place to mitigate off-site transport to surface or ground water.</p>

<p><b>- 15 WATER QUALITY – Petroleum, heavy metals and other pollutants transported to receiving waters</b></p>	<p>Heavy metals, petroleum and other pollutants are transported to receiving water sources in quantities that degrade water quality and limit use for intended purposes</p>	<ul style="list-style-type: none"> <li>All*** <b>***Evaluation is required if water bodies on/adjacent to site are designated by IDEQ as impaired by oil/grease or heavy metals)</b></li> </ul>	<p>Activities do not present the potential for contamination <b>AND</b> No petroleum products stored, handled, transferred on-site or near wellheads <b>AND</b> No irrigation pumps using petroleum products adjacent to surface waters</p>	<p>Client input / planner observation</p>	<p>Petroleum, heavy metals or other potential pollutants are stored and handled to avoid runoff or leaching <b>AND</b> Conservation practices and management are in place to mitigate off-site transport to surface or ground water.</p>
<p><b>- 16 WATER QUALITY – Excessive sediment in surface waters</b></p> <p><a href="#">SVAP Protocol</a></p>	<p>Off-site transport of sediment from sheet, rill, gully, roads, and wind erosion into surface water that threatens to degrade surface water quality and limit use for intended purposes</p>	<ul style="list-style-type: none"> <li>Crop*</li> <li>Forest*</li> <li>Pasture*</li> </ul>	<p>Permanent ground cover &gt; 90% and slope &lt; 10% <b>AND</b> Streams or shoreline are not on or adjacent to site <b>AND</b> Classic/ephemeral gullies are not present <b>AND</b> Meets screening criteria for soil erosion: Sheet, Rill, Wind and Irrigation Induced Erosion.</p> <p>Streams or shoreline are not on or adjacent to site <b>AND</b> There are no untreated sources of erosion (including roads)</p> <p>Perennial ground cover &gt; 90% and slope &lt;10% <b>AND</b> Streams or shoreline are not on or adjacent to site. <b>AND</b> There are no untreated sources of erosion</p>	<p><b>RUSLE2(if sheet/rill)</b> <b>WEPS (if wind erosion)</b> <b>SISL (if surface irrigated)</b> Client input / planner observation <b>SVAP2 (if streams present)</b></p> <p>Client input / planner observation <b>SVAP2 (if stream present)</b></p> <p><b>Pasture Condition Scoresheet (PCS)</b> <b>SVAP2 (if stream present)</b> WEPS (if wind erosion) RUSLE 2 (if sheet/rill)</p>	<p>Upslope treatment and buffer practices address concentrated flows to water bodies <b>AND</b> SVAP2 - bank condition <math>\geq 5</math> <b>AND</b> SVAP2 - riparian area quality element score <math>\geq 5</math> <b>AND</b> SVAP2 - riparian area quantity element score <math>\geq 5</math> <b>AND</b> Livestock and vehicle water crossings are stable <b>AND</b> Water erosion rate <math>\leq T</math> <b>AND</b> Wind erosion rate <math>\leq T</math> <b>AND</b> No single year in rotation exceeds 1 ton (RUSLE2 sediment delivery); or 1 ton (SISL annual erosion) unless a filter strip or sediment basin is used</p> <p>Upslope treatment and buffer practices address concentrated flows to water bodies <b>AND</b> Heavy use areas, including roads, are stable or designed to minimize sediment delivery to stream courses <b>AND</b> SVAP2 - bank condition <math>\geq 5</math> <b>AND</b> SVAP2 - riparian area quality element score <math>\geq 5</math> <b>AND</b> SVAP2 - riparian area quantity element score <math>\geq 5</math> <b>AND</b> Livestock and vehicle water crossings are stable</p> <p>PCS erosion rating <math>\geq 4</math> <b>AND</b> SVAP2 - bank condition <math>\geq 5</math> <b>AND</b> SVAP2 - riparian area quality element score <math>\geq 5</math> <b>AND</b> SVAP2 - riparian area quantity element score <math>\geq 5</math> <b>AND</b> Livestock and vehicle water crossings are stable <b>AND</b> Water erosion rate <math>\leq T</math> <b>AND</b> Wind erosion rate <math>\leq T</math></p>



		<ul style="list-style-type: none"> <li>Range*</li> </ul>	<p>Streams or shoreline are not on or adjacent to site</p> <p style="text-align: center;"><b>AND</b></p> <p>There are no untreated sources of erosion</p>	<p><a href="#">Rangeland Health Assessment (RHA)</a></p> <p><a href="#">SVAP2 (if stream present)</a></p> <p><a href="#">AFO/CAFO/ Site Assessment</a></p>	<p>RHA - hydrologic function attribute - slight to moderate or less</p> <p><b>AND</b></p> <p>RHA- Soil site stability -slight to moderate or less</p> <p style="text-align: center;"><b>AND</b></p> <p>SVAP2 - bank condition <math>\geq 5</math></p> <p style="text-align: center;"><b>AND</b></p> <p>SVAP2 - riparian area quality element score <math>\geq 5</math></p> <p style="text-align: center;"><b>AND</b></p> <p>SVAP2 - riparian area quantity element score <math>\geq 5</math></p> <p style="text-align: center;"><b>AND</b></p> <p>Livestock and vehicle water crossings are stable</p>
		<ul style="list-style-type: none"> <li>Developed Land*</li> <li>Farmsteads*</li> </ul>	<p>Streams or shoreline are not on or adjacent to site</p> <p style="text-align: center;"><b>AND</b></p> <p>There are no untreated sources of erosion</p>	<p>Client input/planner observation</p> <p><a href="#">SVAP2 (if stream present)</a></p> <p><a href="#">AFO/CAFO/WFO Site Assessment</a></p>	<p>Upslope treatment and buffer practices address concentrated flows to water bodies</p> <p style="text-align: center;"><b>AND</b></p> <p>Heavy use areas, including roads, are stable or designed to minimize sediment delivery to stream courses</p> <p style="text-align: center;"><b>AND</b></p> <p>SVAP2 - bank condition <math>\geq 5</math></p> <p style="text-align: center;"><b>AND</b></p> <p>SVAP2 - riparian area quality element score <math>\geq 5</math></p> <p style="text-align: center;"><b>AND</b></p> <p>SVAP2 - riparian area quantity element score <math>\geq 5</math></p> <p style="text-align: center;"><b>AND</b></p> <p>Livestock and vehicle water crossings are stable</p>
<p>- 17</p> <p><b>WATER QUALITY – Elevated water temperature</b></p> <p><a href="#">SVAP Protocol</a></p>	<p>Surface water temperatures exceed State/Federal standards and/or limit use for intended purposes</p> <p><b>***Evaluation is required if water bodies on or adjacent to site are designated by IDEQ as impaired by temperature.</b></p>	<ul style="list-style-type: none"> <li>Crop***</li> <li>Forest***</li> <li>Pasture***</li> <li>Range***</li> <li>Developed Land***</li> <li>Associated Ag Land***</li> <li>Designated Protected Area***</li> <li>Other Rural Land***</li> <li>Farmsteads***</li> </ul>	<p>Water course temperature impacts are beyond the client’s control</p> <p style="text-align: center;"><b>AND</b></p> <p>Client is not contributing to temperature problem</p>	<p>Client input / planner observation</p> <p><a href="#">SVAP2 (if stream present)</a></p>	<p>SVAP2 - riparian area quality element score <math>\geq 5</math></p> <p style="text-align: center;"><b>AND</b></p> <p>SVAP2 - riparian area quantity element score <math>\geq 5</math></p> <p style="text-align: center;"><b>AND</b></p> <p>SVAP2 - canopy cover element score <math>\geq 6</math></p> <hr/> <p style="text-align: center;"><b>OR</b></p> <p>Existing conservation practices are in place to address water temperature</p>

**PLANT**

<p><b>- 18 DEGRADED PLANT CONDITION – Undesirable plant productivity and health</b></p>	<p>Plant productivity, vigor and/or quality negatively impacts other resources or does not meet yield potential due to improper fertility, management or plants not adapted to site</p> <p>This includes addressing pollinators and beneficial insects.</p>	<ul style="list-style-type: none"> <li>• Crop</li> </ul>	<p>Plant production and health is not a client concern</p>	<p>Client input / planner observation</p> <p><a href="#">Crop Tolerance Table</a></p>	<p>Plants are adapted to the site, meet 5-yr county average production goals</p> <p><b>AND</b></p> <p>Do not negatively impact other resources</p> <p><b>AND</b></p> <p>Plant damage from wind erosion is below Crop Damage Tolerance levels</p>
			<p><b>OR</b></p> <p>Pollinators and beneficial insects are not a client objective</p>	<p><a href="#">Biology TN 34 Idaho Pollinator Habitat Assessment</a></p>	<p><b>OR</b></p> <p>Plant productivity is managed for pollinators as a client objective</p> <p><b>AND</b></p> <p>Achieve a post-implementation score of at least 100, with an improvement of at least 40 points.</p>
				<p><a href="#">Biology TN 35 Beneficial Insect Habitat Assessment</a></p>	<p><b>OR</b></p> <p>Plant productivity is managed for beneficial insects as a client objective</p> <p><b>AND</b></p> <p>Achieve a post-implementation score of at least 110 points, with an improvement of at least 40 points.</p>
			<ul style="list-style-type: none"> <li>• Farmsteads</li> <li>• Developed Land</li> <li>• Designated Protected Area</li> <li>• Associated Ag Land</li> <li>• Other Rural Land</li> </ul>	<p>Plant production and health is not a client concern</p>	<p>Client input / planner observation</p> <p><a href="#">Crop Tolerance Table</a></p>
		<p><b>OR</b></p> <p>Pollinators and beneficial insects are not a client objective</p>		<p><a href="#">Biology TN 34 Idaho Pollinator Habitat Assessment</a></p>	<p><b>OR</b></p> <p>Plant productivity is managed for pollinators as a client objective</p> <p><b>AND</b></p> <p>Achieve a post-implementation score of at least 100, with an improvement of at least 40 points.</p>
				<p><a href="#">Biology TN 35 Beneficial Insect Habitat Assessment</a></p>	<p><b>OR</b></p> <p>Plant productivity is managed for beneficial insects as a client objective</p> <p><b>AND</b></p> <p>Achieve a post-implementation score of at least 110 points, with an improvement of at least 40 points.</p>
		<ul style="list-style-type: none"> <li>• Range*</li> </ul>		<p>Use Assessment Tools and Planning Criteria</p>	<p><a href="#">Rangeland Health Assessment (RHA)</a></p> <p><a href="#">Rangeland Trend Worksheet</a></p> <p><a href="#">Similarity Index Worksheet</a></p> <p>Ecological Site Descriptions (ESD's) or <a href="#">eFOTG Sec II</a></p>
			<p><a href="#">Biology TN 34 Idaho Pollinator Habitat Assessment</a></p>		<p><b>OR</b></p> <p>Plant productivity is managed for pollinators as a client objective</p> <p><b>AND</b></p> <p>Achieve a post-implementation score of at least 100, with an improvement of at least 40 points.</p>
			<p><a href="#">Biology TN 35 Beneficial Insect Habitat Assessment</a></p>		<p><b>OR</b></p> <p>Plant productivity is managed for beneficial insects as a client objective</p> <p><b>AND</b></p> <p>Achieve a post-implementation score of at least 110 points, with an improvement of at least 40 points.</p>

• Pasture*	Use Assessment Tools and Planning Criteria	<a href="#">Pasture Condition Scoresheet (PCS)</a>	PCS - desirable plants element score $\geq 3$ <b>AND</b> PCS - plant cover element score $\geq 4$ <b>AND</b> PCS - plant vigor element score $\geq 4$ <b>AND</b> PCS total $\geq 30$ <b>AND</b> Plants are adapted to the site, meet production goals and do not negatively impact other resources
		<a href="#">Biology TN 34 Idaho Pollinator Habitat Assessment</a>	<b>OR</b> Plant productivity is managed for pollinators as a client objective <b>AND</b> Achieve a post-implementation score of at least 100, with an improvement of at least 40 points.
		<a href="#">Biology TN 35 Beneficial Insect Habitat Assessment</a>	<b>OR</b> Plant productivity is managed for beneficial insects as a client objective <b>AND</b> Achieve a post-implementation score of at least 110 points, with an improvement of at least 40 points.
• Forest	Plant production and health is not a client concern	Forest inventory plots and transects forms  Forestry plan developed by a qualified individual (IDL, NRCS, certified forester).	Forest species are adapted and best suited to the site <b>AND</b> Future desired condition is in the range of the forest plan <b>AND</b> Composition and stocking rate meets the Client's objectives and production goals
		<b>OR</b> Pollinators and beneficial insects are not a client objective	<a href="#">Biology TN 34 Idaho Pollinator Habitat Assessment</a>
		<a href="#">Biology TN 35 Beneficial Insect Habitat Assessment</a>	<b>OR</b> Plant productivity is managed for beneficial insects as a client objective <b>AND</b> Achieve a post-implementation score of at least 110 points, with an improvement of at least 40 points.

<p><b>- 19 DEGRADED PLANT CONDITION – Inadequate structure and composition</b></p>	<p>Plant communities have insufficient composition and structure to achieve ecological functions and management objectives</p> <p>This includes degradation of wetland habitat, targeted ecosystems, or unique plant communities.</p>	<ul style="list-style-type: none"> <li>Forest*</li> </ul>	<p>Plant communities support the intended land use and desired ecological functions</p>	<p>Forest inventory plots and transects forms</p> <p><a href="#">Tech Note 19</a>– Forest Sheet</p> <p>Narrative assessment on forest land</p>	<p>Plant communities contain adequate diversity, composition, and structure to support desired ecological functions</p> <p><b>AND</b></p> <p>Tech Note 19 <math>\geq 5</math> when wildlife is secondary objective; <math>\geq 7.5</math> when primary objective</p>
		<ul style="list-style-type: none"> <li>Pasture*</li> </ul>	<p>Use Assessment Tools and Planning Criteria</p>	<p><a href="#">Pasture Condition Scoresheet (PCS)</a></p> <p><a href="#">Tech Note 19 - Pasture Sheet</a></p> <p><a href="#">TN 32 SHE for <u>Greater Sage-grouse</u> and <u>Columbia Sharp-tailed Grouse</u></a></p>	<p>Plant communities contain adequate diversity, composition, and structure to support desired ecological functions</p> <p><b>AND</b></p> <p>PCS - desirable plants element score <math>\geq 3</math></p> <p><b>AND</b></p> <p>PCS - plant cover element score <math>\geq 4</math></p> <p><b>AND</b></p> <p>PCS - plant vigor element score <math>\geq 4</math></p> <p><b>AND</b></p> <p>Tech Note 19 <math>\geq 5</math> when wildlife is secondary objective; <math>\geq 7.5</math> when primary objective</p> <p><b>OR</b></p> <p>Tech Note 32 Species Habitat Evaluation (SHE) <math>\geq 0.5</math></p>
		<ul style="list-style-type: none"> <li>Range*</li> </ul>	<p>Use Assessment Tools and Planning Criteria</p>	<p><a href="#">Ecological Site Descriptions (ESD's) or <u>EFOTG Sec II</u></a></p> <p><a href="#">Rangeland Health Assessment (RHA)</a></p> <p><a href="#">Rangeland Trend Worksheet</a></p> <p><a href="#">Similarity Index Worksheet</a></p> <p><a href="#">Tech Note 19- Range Sheet</a></p> <p><b>OR</b></p> <p><a href="#">TN 32 SHE for <u>Greater Sage-grouse</u> and <u>Columbia Sharp-tailed Grouse</u></a></p>	<p>Plant communities contain adequate diversity, composition, and structure to support desired ecological functions</p> <p><b>AND</b></p> <p>RHA – biotic integrity attribute rating slight to moderate departure or less</p> <p><b>AND</b></p> <p>RHA hydrologic function attributes slight to moderate or less</p> <p><b>AND</b></p> <p>RHA soil site stability attribute slight to moderate or less</p> <p><b>AND</b></p> <p>Vegetation meets similarity index of 60 or greater for desired plant community and has a positive trend</p> <p><b>AND</b></p> <p>Tech Note 19 <math>\geq 5</math> when wildlife is secondary objective; <math>\geq 7.5</math> when primary objective</p> <p><b>OR</b></p> <p>Tech Note 32 Species Habitat Evaluation (SHE) <math>\geq 0.5</math></p>
		<ul style="list-style-type: none"> <li>Designated Protected Area</li> <li>Associated Ag Land</li> </ul>	<p>Plant communities support the intended land use and desired ecological functions</p>	<p>Ecological Site Descriptions (<a href="#">ESD's</a>) or <a href="#">EFOTG Sec II</a></p> <p><a href="#">Tech Note 19</a>, Sheet for nearest production land use</p>	<p>Plant communities contain adequate diversity, composition and structure to support desired ecological functions</p>

<p><b>- 20 DEGRADED PLANT CONDITION – Excessive plant pest pressure</b></p>	<p>Excessive pest damage to plants including that from undesired plants, diseases, animals, soil borne pathogens, and nematodes</p> <p>This concern addresses invasive plant, animal and insect species</p>	<ul style="list-style-type: none"> <li>• Crop</li> <li>• Farmsteads</li> <li>• Developed Land</li> <li>• Associated Ag Land</li> <li>• Designated Protected Area</li> <li>• Other Rural Land</li> </ul>	Plant productivity is not limited from pest pressure	<p>Client input / planner observation</p> <p><a href="#">ESD</a> or <a href="#">EFOTG Sec II</a></p> <p><a href="#">IPM Plan</a></p>	<p>Pest damage to plants are below economic or environmental thresholds or client-identified criteria</p> <p style="text-align: center;"><b>AND</b></p> <p>Plant pests, including noxious and invasive species are managed to meet client objectives and State Law</p>
		<ul style="list-style-type: none"> <li>• Forest*</li> </ul>	Plant productivity is not limited from pest pressure	<p>Client input / planner observation</p> <p>Narrative assessment on forest land</p>	<p>Pest damage to plants are below economic or environmental thresholds or client-identified criteria</p> <p style="text-align: center;"><b>AND</b></p> <p>Plant pests, including noxious and invasive species are managed to meet client objectives and State Law</p> <p style="text-align: center;"><b>AND</b></p> <p>Conservation practices and management are in place to support the Forest Plan narrative assessment</p>
		<ul style="list-style-type: none"> <li>• Pasture*</li> </ul>	Plant productivity is not limited from pest pressure	<p><a href="#">Pasture Condition Scoresheet (PCS)</a></p>	<p>PCS - insect and disease pressure element score <math>\geq 4</math></p> <p style="text-align: center;"><b>AND</b></p> <p>PCS - site adaptation element score <math>\geq 4</math></p>
		<ul style="list-style-type: none"> <li>• Range*</li> </ul>	Plant productivity is not limited from pest pressure	<p><a href="#">Rangeland Health Assessment (RHA)</a></p>	<p>Pest damage to plants are below economic or environmental thresholds or client-identified criteria</p> <p style="text-align: center;"><b>AND</b></p> <p>Plant pests, including noxious and invasive species are managed to meet client objectives and State Law</p> <p style="text-align: center;"><b>AND</b></p> <p>RHA – biotic integrity attribute rating slight to moderate departure or less</p>
<p><b>- 21 DEGRADED PLANT CONDITION – Wildfire hazard, excessive biomass accumulation</b></p>	<p>The kinds and amounts of fuel loadings - plant biomass - create wildfire hazards that pose risks to human safety, structures, plants, animals, and air resources</p>	<ul style="list-style-type: none"> <li>• All</li> </ul>	Wildfire hazard is not a concern	<p>Client input / planner observation</p>	<p>Fuel loads and fuel ladders are managed to provide defensible space, to reduce the risk of catastrophic fire, and meet client objectives</p>

ANIMAL

<p>- 22 <b>INADEQUATE HABITAT FOR FISH AND WILDLIFE – Habitat degradation</b></p>	<p>Quantity, quality or connectivity of food, cover, space, shelter and/or water is inadequate to meet requirements of identified fish, wildlife or invertebrate species</p>	<p>*All with “wildlife” modifier - (Required when Land Use has a wildlife modifier)</p>	<p>The client does not have a wildlife objective <b>At least ONE Evaluation Tool must be completed if the client has a wildlife objective.</b></p>	<p><u>SVAP2 (if stream present)</u> <u>Tech Note 19</u></p> <p><b>TN 32 SHE for <u>Greater Sage-grouse</u> and <u>Columbia Sharp-tailed Grouse</u></b></p> <p><b>OR</b></p> <p><b>Habitat Suitability Index (HSI)</b></p> <p><b>Biologist Narrative assessment</b></p> <p><b>Biology TN 34 Idaho Pollinator Habitat Assessment (If pollinator objective)</b></p> <p><b>Biology TN 35 Beneficial Insect Habitat Assessment (If beneficial insect objective)</b></p>	<p>Tech Note 19 rating <math>\geq 5</math> when wildlife is secondary objective, <math>\geq 7.5</math> when wildlife is primary objective <b>AND</b> SVAP2 – barriers to movement element score <math>\geq 7</math> <b>AND</b> SVAP2 – fish habitat complexity element score <math>\geq 7</math> <b>AND</b> SVAP2 – aquatic invertebrate habitat element score <math>\geq 7</math></p> <p><b>OR</b></p> <p>Tech Note 32 SHEs <math>\geq 0.5</math> when wildlife is secondary objective; <math>\geq 0.75</math> when primary objective; or HSI models completed by NRCS or partner biologist <math>\geq 0.5</math> when wildlife is secondary objective; <math>\geq 0.75</math> when primary objective</p> <p><b>OR</b></p> <p>Food, water, space and cover is of available quality and extent to support habitat requirements for the species of interest <b>AND</b> The connectivity of habitat components is adequate to support stable populations of targeted species as determined by NRCS or partner biologist and documented in a trip report</p> <p><b>OR</b></p> <p>Achieve a post-implementation score of at least 100, with an improvement of at least 40 points.</p> <p><b>OR</b></p> <p>Achieve a post-implementation score of at least 110 points, with an improvement of at least 40 points.</p>
<p>- 23 <b>LIVESTOCK PRODUCTION LIMITATION – Inadequate feed and forage</b></p>	<p>Feed and forage quality or quantity is inadequate for nutritional needs and production goals of the kinds and classes of livestock</p>	<p>*All with “grazed” modifier (Applicable when Land Use is grazed)</p>	<p>Land Unit is not grazed</p>	<p>Client input / planner observation <u>Feed/forage balance worksheet CPA009</u> (range, dry pasture, naturalized pasture and grazed forest) <b>OR</b> <u>CPA020</u> (irrigated pasture or management intensive grazing pastures)</p>	<p>Livestock forage, roughage and supplemental nutritional requirements are addressed</p>

<p><b>- 24 LIVESTOCK PRODUCTION LIMITATION – Inadequate livestock shelter</b></p>	<p>Livestock lack adequate shelter from climatic conditions to maintain health or production goals</p>	<ul style="list-style-type: none"> <li>*All with “grazed” modifier (Applicable when Land Use is grazed)</li> </ul>	<p>Land Unit is not grazed</p>	<p>Client input / planner observation</p>	<p>Artificial or natural shelters meets animal health needs and client objectives</p>
<p><b>- 25 LIVESTOCK PRODUCTION LIMITATION – Inadequate livestock water</b></p>	<p>Quantity, quality and/or distribution of drinking water are insufficient to maintain health or production goals for the kinds and classes of livestock</p>	<ul style="list-style-type: none"> <li>*All with “grazed” modifier (Applicable when Land Use is grazed)</li> </ul>	<p>Land Unit is not grazed</p>	<p>Client input / planner observation  Follow guidance in <a href="#">Range Tech Note3, NRPH</a>  528 specification (<a href="#">eFOTG</a> Section IV)</p>	<p>Water of acceptable quality and quantity is adequately distributed to meet animal needs</p>

**ENERGY**

<p><b>- 26 - INEFFICIENT ENERGY USE – Equipment and facilities</b></p> <p>As an example, this concern addresses inefficient energy use in pumping plants, on-farm processing, drying and storage</p>	<p>Inefficient use of energy in the Farm Operation increases dependence on non-renewable energy sources that can be addressed through improved energy efficiency and the use of on-farm renewable energy sources.</p>	<ul style="list-style-type: none"> <li>All</li> </ul>	<p>Client is not interested in improving equipment and facilities energy efficiency</p>	<p>USDA approved Type 2 On-Farm Energy Audit (minimum criteria established in ANSI/ASABE SG12, July 2009) (e.g. CAP 122)</p> <p>Client input / planner observation</p> <p><a href="#">NRCS Energy Estimator</a></p>	<p>A USDA approved energy audit been implemented that address equipment and facilities to meet client objectives</p> <p style="text-align: center;"><b>OR</b></p> <p>On-farm renewable energy and/or energy conserving practices have been implemented to meet client objectives</p>
<p><b>- 27 - INEFFICIENT ENERGY USE – Farming/ranching practices and field operations</b></p>	<p>Inefficient use of energy in field operations increases dependence on non-renewable energy sources that can be addressed through improved efficiency and the use of on-farm renewable energy sources.</p>	<ul style="list-style-type: none"> <li>All</li> </ul>	<p>Client is not interested in improving energy use in farm and ranch field operations</p>	<p>USDA approved Type 2 On-Farm Energy Audit (minimum criteria established in ANSI/ASABE SG12, July 2009) (e.g. CAP 124)</p> <p>Client input / planner observation</p> <p><a href="#">NRCS Energy Estimator</a></p> <p>RUSLE2/WEPS</p>	<p>A USDA approved energy audit been implemented that addresses field operations to meet client objectives</p> <p style="text-align: center;"><b>OR</b></p> <p>On-farm renewable energy and/or energy conserving practices have been implemented to meet client objectives</p>

<p>- 28  <b>AIR QUALITY IMPACTS - Emissions of Particulate Matter - PM - and PM Precursors</b></p>	<p>Direct emissions of particulate matter - dust and smoke, as well as the formation of fine particulate matter in the atmosphere from other agricultural emissions. Ammonia, NOx, and VOCs - cause multiple environmental impacts, such as:                  - The unintended movement of particulate matter - typically dust or smoke - results in safety or nuisance visibility restriction                  - The unintended movement of particulate matter and/or chemical droplets results in unwanted deposits on surfaces- Increased atmospheric concentrations of particulate matter can impact human and animal health and degrade regional visibility</p>	<ul style="list-style-type: none"> <li>• Crop</li> <li>• Pasture</li> <li>• Range</li> <li>• Forest</li> <li>• Other Rural Land</li> <li>• Associated Ag Land</li> <li>• Designated Protected Areas</li> <li>• Developed Land</li> <li>• Farmsteads</li> </ul> <p><b>All*- Required in non-attainment areas and for wind HEL soils and where public safety/health is impacted</b></p>	<p>Not in a PM non-attainment area</p> <p style="text-align: center;"><b>AND</b></p> <p>No wind HEL soils present</p> <p style="text-align: center;"><b>AND</b></p> <p>Activities are not present that contribute to agricultural source PM or PM precursor emissions</p> <p style="text-align: center;"><b>AND</b></p> <p>Episodes or complaints of emissions of PM (dust, smoke, exhaust, etc.), or chemical drift have not occurred</p> <p><u>PM Producing Activities:</u></p> <ul style="list-style-type: none"> <li>• Prescribed Burn is conducted</li> <li>• Forest fuel loads are elevated</li> <li>• Travel ways are unpaved or untreated with binding agents</li> <li>• Engines (combustion source)</li> <li>• Tillage</li> <li>• Pesticides are applied</li> <li>• Fertilization (manure /commercial)</li> <li>• CAFO/manure management</li> </ul>	<p>Client input / planner observation</p> <p><a href="#">AQAC On-Farm Checklist</a></p> <p>IDEQ AQ website:  <a href="http://www.deq.idaho.gov/air-quality/monitoring.aspx">http://www.deq.idaho.gov/air-quality/monitoring.aspx</a></p> <p>WEPS</p> <p>WinPST</p>	<p>PM and PM Precursor emissions are managed to meet client objectives</p> <p style="text-align: center;"><b>AND</b></p> <p>Conservation practices are in place to address the identified air quality concerns.</p> <p style="text-align: center;"><b>AND</b></p> <p>Cropland wind erosion ≤ T</p>
<p>- 29  <b>AIR QUALITY IMPACTS - Emissions of Greenhouse Gases - GHGs -</b></p>	<p>Emissions increase atmospheric concentrations of greenhouse gases.</p>	<ul style="list-style-type: none"> <li>• All</li> </ul>	<p>Activities are not present that produce GHGs emissions</p> <p style="text-align: center;"><b>AND</b></p> <p>GHGs are not regulated in this planning area</p> <p><u>GHG Producing Activities:</u></p> <ul style="list-style-type: none"> <li>• Fertilization (manure/commercial)</li> <li>• CAFO/manure management</li> <li>• Engines (combustion source)</li> <li>• Tillage</li> </ul>	<p>Client input / planner observation</p> <p><a href="#">AQAC On-Farm Checklist</a></p> <p>IDEQ AQ website:  <a href="http://www.deq.idaho.gov/air-quality/monitoring.aspx">http://www.deq.idaho.gov/air-quality/monitoring.aspx</a></p>	<p>Greenhouse gas emissions are managed to meet client objectives</p> <p style="text-align: center;"><b>AND</b></p> <p>Conservation practices are in place to address the identified air quality concerns.</p>



<p>- 30 AIR QUALITY IMPACTS - Emissions of Ozone Precursors</p>	<p>Emissions of ozone precursors - NOx and VOCs - resulting in formation of ground- level ozone that cause negative impacts to plants and animals.</p>	<ul style="list-style-type: none"> <li>• All</li> </ul>	<p>Operations are not present that produce ozone or precursor emissions</p> <p><u>Ozone Producing Activities:</u></p> <ul style="list-style-type: none"> <li>• Engines (combustion source)</li> <li>• Pesticide application</li> <li>• Burning</li> <li>• CAFO/manure management</li> <li>• Fertilization (manure /commercial)</li> </ul>	<p>Client input / planner observation</p> <p><a href="#">AQAC On-Farm Checklist</a></p> <p>IDEQ AQ website: <a href="http://www.deq.idaho.gov/air-quality/monitoring.aspx">http://www.deq.idaho.gov/air-quality/monitoring.aspx</a></p>	<p>Ozone precursor emissions are managed to meet client objectives</p> <p style="text-align: center;"><b>AND</b></p> <p>Conservation practices are in place to address the identified air quality concerns.</p>
<p>- 31 AIR QUALITY IMPACTS - Objectionable odors</p>	<p>Emissions of odorous compounds - VOCs, ammonia and odorous sulfur compounds - cause nuisance conditions</p>	<ul style="list-style-type: none"> <li>• Crop</li> <li>• Pasture</li> <li>• Other Rural Land</li> <li>• Farmsteads*</li> </ul> <p>*Required on facilities with new or modified liquid waste systems</p>	<p>Activities are not present that contribute to nuisance air quality conditions</p> <p style="text-align: center;"><b>AND</b></p> <p>Odor sources are not regulated in this planning area</p> <p style="text-align: center;"><b>AND</b></p> <p>Episodes or complaints of emissions of PM (dust, smoke, exhaust, etc.), or chemical drift have not occurred</p> <p><u>Nuisance Producing Activities:</u></p> <ul style="list-style-type: none"> <li>• Pesticide application</li> <li>• CAFO / manure management</li> <li>• Composting is conducted</li> </ul>	<p>Client input / planner observation</p> <p><a href="#">AQAC On-Farm Checklist</a></p> <p>WinPST</p>	<p>Odors are managed to meet client objectives</p> <p style="text-align: center;"><b>AND</b></p> <p>Conservation practices are in place to address the identified air quality concerns.</p>