

TECHNICAL NOTE

USDA NATURAL RESOURCES CONSERVATION SERVICE PACIFIC ISLANDS AREA

Conservation Planning Technical Note 1

CHECKLISTS OF RESOURCE CONCERNS

Instructions

These checklists are designed to assist planners in identifying resource concerns during the planning process. The planning criteria outlined in Section III of the FOTG sets the minimum level of treatment for each resource concern.

The landscape checklist must be completed because it addresses concerns that are found on all land uses. Additional checklists must be completed for all applicable land uses. The additional checklists have been included for convenience and you may delete the checklists that do not apply to your client.

All completed checklists shall be maintained in the client's conservation plan folder.

Resource Concerns

Any resource concern with an asterisk (*) must be evaluated with screening criteria. Evaluate all other resource concerns that you or the client have identified during the planning process using the specified guidelines.

Screening Questions

If all screening questions for the resource concern are NO, the site meets the screening level criteria and no other assessment is needed to document that planning criteria are met on this site (no resource concern).

If any applicable screening question for the resource concern is YES, the specified assessment(s) must be completed to evaluate if there is a resource concern.

Assessment Level

In situations where more than one assessment option exists for a resource concern, pick the assessment level option that is most applicable.

If all of the conditions in the assessment are YES, planning criteria are met. No further treatment is necessary (no resource concern).

If any of the assessments are NO, planning criteria are not met and additional treatment is needed to address the resource concern.

Notes

This section is used to document and describe the benchmark conditions and problems in the planning units. This may assist you throughout the planning process and completing additional documentation (e.g., NRCS-CPA-52).

Checklist of Resource Concerns

LANDSCAPE

CLIENT/ BUSINESS			
LAND UNITS		LOCATION	
PLANNER		DATE	

This check sheet is designed to assist planners and clients in identifying resource concerns during the planning process. The planning criteria outlined in Section III of the FOTG sets the minimum level of treatment. If all screening question(s) is/are NO, this indicates no resource concern exists and no assessment is required. If any screening question is YES, the assessment must be completed to evaluate if there is a resource concern. If the Assessment is YES, Planning Criteria is met. If any of the Assessment(s) is/are NO, Planning Criteria is not met and a Resource Concern exists.

Resource Concern * indicates required response	Screening Questions All NO = Met Screening (Not a RC) Any YES = Go to Assessment	Y E S	N O	Assessment Tools	Assessment Level Required to Meet Planning Criteria All YES = Meets Planning Criteria Any NO = Resource Concern	Y E S	N O
WILDLIFE RESOURCES							
22. INADEQUATE HABITAT FOR FISH AND WILDLIFE- Habitat degradation *	Does client want to actively manage for wildlife?			<ul style="list-style-type: none"> ➤ WHAG ➤ HSVAP ➤ Species-specific wildlife habitat assessment tools. 	1) Is WHAG rating ≥ 0.5 ? AND when surface stream present: Is HSVAP – channel flow alteration element score > 1.7 ? AND Is HSVAP – habitat available for native species element score > 1.7 ? AND Is HSVAP – litter/trash element score > 0.5 ? OR 2) Are conservation practices and management in place that meet or exceed species or guild-specific habitat model thresholds? OR 3) Does available quality and extent of food, water, space and cover support habitat requirements for the species of interest? AND Is connectivity of habitat components adequate to support stable populations of targeted species?		
ENERGY RESOURCES							
26. INEFFICIENT ENERGY USE- Equipment and facilities	Is the client interested in improving equipment and facilities energy efficiency?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ USDA approved energy audit ➤ NRCS energy estimator 	Has a USDA approved energy audit been implemented that address equipment and facilities to meet the client's objectives? OR Are on-farm renewable energy and/or energy conserving practices been implemented to meet the client's objectives?		
27. INEFFICIENT ENERGY USE- Farming/ranching practices and field operations.	Is the client interested in improving energy use in farm and ranch field operations?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ USDA approved energy audit ➤ NRCS energy estimator ➤ Conservation on the Farm Checklist 	Has a USDA approved energy audit been implemented that address field operations to meet the client's objectives? OR Are on-farm renewable energy and/or energy conserving practices been implemented to meet the client's objectives?		

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AIR RESOURCES							
28. AIR QUALITY IMPACTS: Emissions of Particulate Matter PM and PM precursors	Do activities contribute to agricultural source PM or PM precursor emissions? Examples: • Travel ways are unpaved or untreated with binding agents • Engines (combustion source) • Tillage • Pesticides are applied • Fertilization (manure/commercial) • CAFO/manure management AND Have episodes or complaints of emissions of PM (dust, smoke, exhaust, etc.), or chemical drift occurred?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are PM and PM Precursor emissions managed to meet the client's objectives?		
29. AIR QUALITY IMPACTS: Emissions of Greenhouse Gases (GHGs)	Do activities produce GHGs emissions? Examples: • Fertilization (manure/commercial) • CAFO/manure management • Engines (combustion source) • Tillage AND Are GHGs regulated in this planning area?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Do emissions of greenhouse gases meet the client's objectives?		
30. AIR QUALITY IMPACTS: Emissions of Ozone Precursors	Do operations produce ozone or precursor emissions? Examples: • Engines (combustion source) • Pesticide application • Burning • CAFO/manure management • Fertilization (manure/commercial)			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are ozone precursor emissions managed to meet the client's objectives?		

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31. AIR QUALITY IMPACTS: Objectionable odors	Do activities contribute to nuisance air quality conditions? Examples: • Pesticide application • CAFO / manure management • Composting is conducted AND Are odor sources regulated in this planning area?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are odors managed to meet the client's objectives?		

NOTES:

Checklist of Resource Concerns

Crop

CLIENT/ BUSINESS			
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Resource Concern <small>* indicates required response</small>	Screening Questions All NO = Met Screening (Not a RC) Any YES = Go to Assessment	Y E S	N O	Assessment Tools	Assessment Level Required to Meet Planning Criteria All YES = Meets Planning Criteria Any NO = Resource Concern	Y E S	N O
SOILS RESOURCES							
1.SOIL EROSION: Sheet, rill and wind erosion *	Are permanent ground cover < 90% and slope > 10%?			<ul style="list-style-type: none"> ➤ RUSLE2 ➤ WEPS 	Is the water erosion rate ≤ T? AND Is the wind erosion rate ≤ T?		
2.SOIL EROSION: Concentrated flow erosion *	Do Ephemeral gullies occur? OR Are classic gullies present?			<ul style="list-style-type: none"> ➤ Field measurements ➤ Observations 	Are conservation practices and managements in place to prevent or control ephemeral gullies? AND, if applicable Is classic gully management adequate to stop the progression of head cutting and widening and are offsite impacts are minimized by vegetation and/or structures?		
3.SOIL EROSION: Excessive bank erosion from streams, shorelines or water conveyance channels *	Is bank erosion from streams, shorelines or conveyance channels present?			<ul style="list-style-type: none"> ➤ HSVAP 	1) Is bank erosion caused solely by upstream/upland land use and management decisions that are beyond the client's control? OR 2) For shorelines and water conveyance channels: Are banks stable or commensurate with normal geomorphological processes? AND For stream banks: Is the HSVAP bank condition > 1.4?		
4. SOIL QUALITY DEGRADATION: Subsidence	Are there Histisols present exhibiting subsidence?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations 	Is subsidence adequately managed to meet the client's objectives?		
5. SOIL QUALITY DEGRADATION: Compaction	Is soil compaction a problem? OR Do activities cause soil compaction problems?			<ul style="list-style-type: none"> ➤ Soil Quality Test Kit ➤ Observation of soil and plant condition ➤ Client input ➤ Planner observations 	Is compaction managed to meet the client's production and management objectives?		
6. SOIL QUALITY DEGRADATION: Organic matter depletion *	Is permanent ground cover < 80%?			<ul style="list-style-type: none"> ➤ RUSLE2 ➤ WEPS 	Is the SCI > 0?		
7. SOIL QUALITY DEGRADATION: Concentration of Salts or other chemicals	Do activities cause salinity/sodicity problems?			<ul style="list-style-type: none"> ➤ Soil diagnostic evaluations 	Are conservation practices and managements in place to mitigate onsite effects?		

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WATER RESOURCES							
8. EXCESS WATER: Ponding, flooding, seasonal high water table, and seeps	Is excess water a problem? OR Do activities cause ponding/flooding problems?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Is excess water managed to meet the client's objectives?		
9. INSUFFICIENT WATER: Inefficient moisture management	Is moisture management a problem? OR Do activities cause inefficient moisture management?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are runoff and evapotranspiration levels minimized to meet the client's management objectives?		
10. INSUFFICIENT WATER: Inefficient use of irrigation water *	Is the PLU irrigated?			<ul style="list-style-type: none"> ➤ IWI-Irrigated Water Index 	Is the IWI ≥ 85%?		
11. WATER QUALITY: Excess nutrients in surface and ground waters *	Are organic or inorganic nutrients applied? OR Is the PLU grazed?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ Nutrient budget 	Are nutrient and amendment applications based on soil or tissue tests and nutrient budgets for realistic yields? AND Are conservation practices and managements in place to minimize offsite impacts?		
12. WATER QUALITY DEGRADATION: Pesticides transported to surface and ground waters	Are pest control chemicals applied?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ WinPST 	Are pesticides stored, handled, disposed and managed to prevent runoff, spills, leaks, and leaching? AND Are conservation practices and managements in place to minimize offsite impacts?		
13. WATER QUALITY DEGRADATION: Excess pathogens and chemicals from manure, biosolids or compost applications *	Are potential sources of pathogens or pharmaceuticals applied on the land?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are organic materials applied, stored, and/or handled to mitigate negative impacts to water sources?		
14. WATER QUALITY DEGRADATION: Excessive salts in surface and ground waters	Is salt concentration a limiting factor?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are salt concentrations managed to mitigate offsite transport to surface or ground waters?		

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15. WATER QUALITY DEGRADATION: Petroleum and heavy metals and other pollutants transported to receiving waters	Do activities present the potential for contamination?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are petroleum, heavy metals or other potential pollutants stored and handled to avoid runoff or leaching?		
16. WATER QUALITY DEGRADATION: Excessive sediment in surface waters *	Are permanent ground cover < 90% and slope > 10%? OR Are classic gullies present? OR Are streams or shoreline on or adjacent to site?			<ul style="list-style-type: none"> ➤ RUSLE2 ➤ Client input ➤ Planner observation ➤ HSVAP ➤ WEPS 	Do upslope treatment and buffer practices address concentrated flows to water bodies? AND, if applicable Is the HSVAP - bank condition element score > 1.4? AND, if applicable Are livestock and vehicle water crossings stable? AND Is water erosion rate ≤ 1 ton/ac/yr? AND Is wind erosion rate ≤ T?		
17. WATER QUALITY DEGRADATION: Elevated water temperature	Is there a water course on or adjacent to the site with State Agency identified temperature impairment? OR Is water course temperature a client concern?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ HSVAP 	1) Are existing practices in place to address water temperature? OR 2) Is HSVAP - riparian condition element score > 0.9? AND Is HSVAP - canopy cover element score > 0.9?		
PLANT RESOURCES							
18. DEGRADED PLANT CONDITION: Undesirable plant productivity and health	Are plant production and health a client concern?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ Crop Tolerance Table 	Are plants adapted to the site, meet production goals and do not negatively impact other resources? AND Is plant damage from wind erosion below Crop Damage Tolerance levels?		
20. DEGRADED PLANT CONDITION: Excessive plant pest pressure	Is plant productivity limited from pest pressure?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Is pest damage to plants below economic or environmental thresholds or client-identified criteria? AND Are plant pests, including noxious and invasive species managed to meet the client's objectives?		
21. DEGRADED PLANT CONDITION: Wildfire hazard, excessive biomass accumulation	Is wildfire hazard a concern?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are fuel loads and fuel ladders managed to provide defensible space and meet client objectives?		

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ANIMAL RESOURCES							
23. LIVESTOCK PRODUCTION LIMITATION: Inadequate feed and forage	Client is actively grazing animals. (Grazing Modifier)			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are livestock forage, roughage and supplemental nutritional requirements addressed?		
24. LIVESTOCK PRODUCTION LIMITATION: Inadequate livestock shelter	Client is actively grazing animals. (Grazing Modifier)			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Do artificial or natural shelters meet animal health needs and client objectives?		
25. LIVESTOCK PRODUCTION LIMITATION: Inadequate livestock water	Client is actively grazing animals. (Grazing Modifier)			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Is water of acceptable quality and quantity adequately distributed to meet animal needs?		

NOTES:

Checklist of Resource Concerns

Forest

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SOILS RESOURCES							
1. SOIL EROSION: Sheet, rill and wind erosion *	Is soil surface organic residue cover < 80%?			➤ Visual inspection	Is the site stable and without visible signs of erosion?		
2. SOIL EROSION: Concentrated flow erosion *	Are classic gullies present?			➤ Field measurements ➤ Planner observation	Is classic gully management adequate to stop the progression of head cutting and widening and are offsite impacts minimized by vegetation and/or structures?		
3. SOIL EROSION: Excessive bank erosion from streams, shorelines or water conveyance channels	Is bank erosion from adjacent streams, shorelines or conveyance channels present?			➤ HSVAP	1) Is bank erosion caused by upstream land use and beyond the client's control? OR 2) For shorelines and water conveyance channels: are banks stable or commensurate with normal geomorphological processes? AND For streambanks: is HSVAP bank condition element score > 1.4?		
4. SOIL QUALITY DEGRADATION: Subsidence	Are there Histisols present exhibiting subsidence?			➤ Client input ➤ Planner observation	Is subsidence adequately managed to meet the client's objectives?		
5. SOIL QUALITY DEGRADATION: Compaction	Is soil compaction a problem? OR Do activities cause soil compaction problems?			➤ Soil Quality Test Kit ➤ Observation of soil and plant condition ➤ Client input ➤ Planner observation	Is compaction managed to meet the client's production and management objectives?		
6. SOIL QUALITY DEGRADATION: Organic matter depletion	Is soil organic matter depletion a problem? OR Do activities cause soil organic matter depletion?			➤ Forest Health Assessment	1) Does ground cover meet PIA criteria specific to ecological site? OR 2) Is soil organic matter managed to meet the client's objectives?		

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WATER RESOURCES							
8. EXCESS WATER: Ponding, flooding, seasonal high water table, and seeps	Is excess water a problem? OR Do activities cause ponding/flooding problems?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Is excess water managed to meet the client's objectives?		
9. INSUFFICIENT WATER: Inefficient moisture management	Is moisture management a problem? OR Do activities cause inefficient moisture management?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are runoff and evapotranspiration levels minimized to meet the client's management objectives?		
10. INSUFFICIENT WATER: Inefficient use of irrigation water *	Is the PLU irrigated?			<ul style="list-style-type: none"> ➤ IWI-Irrigated Water Index 	Is IWI ≥ 85%?		
11. WATER QUALITY DEGRADATION: Excess nutrients in surface and ground waters	Are organic or inorganic nutrients applied? OR Is the PLU grazed? OR Are there confined livestock areas?			<ul style="list-style-type: none"> ➤ Nutrient budget 	If nutrients are applied, are they based on a soil test, tissue tests or nutrient budget? AND Are conservation practices and managements in place to minimize offsite impacts?		
12. WATER QUALITY DEGRADATION: Pesticides transported to surface and ground waters	Are pest control chemicals applied?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ WinPST 	Are pesticides stored, handled, disposed and managed to prevent runoff, spills, leaks and leaching? AND Are conservation practices and managements in place to minimize offsite impacts?		
13. WATER QUALITY DEGRADATION: Excess pathogens and chemicals from manure, biosolids or compost applications	Are potential sources of pathogens or pharmaceuticals applied on the land?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are organic materials applied, stored, and/or handled to mitigate negative impacts to water sources?		
14. WATER QUALITY DEGRADATION: Excessive salts in surface and ground waters	Is salt concentration a limiting factor?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are salt concentrations managed to mitigate offsite transport to surface or ground waters?		

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15. WATER QUALITY DEGRADATION: Petroleum, heavy metals and other pollutants transported to receiving waters	Do activities present the potential for contamination?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are petroleum, heavy metals or other potential pollutants stored and handled to avoid runoff or leaching?		
16. WATER QUALITY DEGRADATION: Excessive sediment in surface waters *	Are there untreated sources of erosion? OR Are streams or shoreline on or adjacent to site?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ HSVAP 	Do upslope treatment and buffer practices address concentrated flows to water bodies? AND, if applicable Are heavy use areas stable? AND Is HSVAP - bank condition element score > 1.4?		
17. WATER QUALITY DEGRADATION: Elevated water temperature	Is there a water course on or adjacent to the site with State Agency identified temperature impairment? OR Is water course temperature a client concern?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ HSVAP 	1) Are existing practices in place to address water temperature? OR 2) Is HSVAP - riparian condition element score > 0.9? AND Is HSVAP - canopy cover element score > 0.9?		
PLANT RESOURCES							
18. DEGRADED PLANT CONDITION: Undesirable plant productivity and health	Are plant production and health a client concern?			<ul style="list-style-type: none"> ➤ Forest inventory plots ➤ Transect forms 	Are forest species adapted to site? AND Do composition and stand density meet the client's objectives and production goals?		
19. DEGRADED PLANT CONDITION: Inadequate structure and composition	Will changes to the plant community structure or composition better support the desired ecological functions and intended land use?			<ul style="list-style-type: none"> ➤ Ecological Site Descriptions ➤ Forest inventory plots ➤ Transect forms 	Have changes to plant community structure or composition moved the site to a higher state and transition level? (ex. From non-invasive, non-native species to general native species mixtures) AND Do plant communities contain adequate diversity, composition and structure to support desired ecological functions?		
20. DEGRADED PLANT CONDITION: Excessive plant pest pressure *	Is plant productivity limited from pest pressure?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation For invasive plants: <ul style="list-style-type: none"> ➤ Forest inventory plots ➤ Transect forms 	Is pest damage to plants below economic or environmental thresholds or client- identified criteria? AND Are plant pests, including noxious and invasive species managed to meet client objectives? AND (for invasive plants) Are noxious and invasive plant species managed whereby at least 80% (or more as specified) of individuals for each target plant species adequately controlled?		

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21. DEGRADED PLANT CONDITION: Wildfire hazard, excessive biomass accumulation	Is wildfire hazard a concern?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ Forest inventory plots ➤ Transect forms 	Are fuel loads and fuel ladders managed to provide defensible space and meet the client's objectives?		
ANIMAL RESOURCES							
23. LIVESTOCK PRODUCTION LIMITATION: Inadequate feed and forage *	Is PLU grazed?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are livestock forage, roughage and supplemental nutritional requirements addressed?		
24. LIVESTOCK PRODUCTION LIMITATION: Inadequate livestock shelter *	Is PLU grazed?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Do artificial or natural shelters meet animal health needs and the client's objectives?		
25. LIVESTOCK PRODUCTION LIMITATION: Inadequate livestock water *	Is PLU grazed?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Is water of acceptable quality and quantity adequately distributed to meet animal needs?		

NOTES:

Checklist of Resource Concerns

Pasture

CLIENT/ BUSINESS			
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PLANNER		DATE	

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SOIL RESOURCES							
1. SOIL EROSION: Sheet, rill and wind erosion *	Are permanent ground cover < 90% and slope > 10%?			<ul style="list-style-type: none"> ➤ RUSLE2 ➤ WEPS 	Is the water erosion rate ≤ T? AND Is the wind erosion rate ≤ T?		
2. SOIL EROSION: Concentrated flow erosion *	Are classic gullies present?			<ul style="list-style-type: none"> ➤ Field measurements ➤ Planner observations 	Is classic gully management adequate to stop the progression of head cutting and widening and are offsite impacts are minimized by vegetation and/or structures?		
3. SOIL EROSION: Excessive bank erosion from streams, shorelines or water conveyance channels *	Is bank erosion from streams, shorelines or conveyance channels present?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations ➤ PCS-Pasture Condition Score ➤ HSVAP 	1) Is bank erosion caused by upstream land use and beyond the client's control? OR 2) For shorelines and water conveyance channels: are banks stable or commensurate with normal geomorphological processes? AND Is PCS - streambank / shoreline erosion element score ≥ 4? OR For streambanks: is HSVAP bank condition element score > 1.4?		
4. SOIL QUALITY DEGRADATION: Subsidence	Are there Histisols present exhibiting subsidence?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations 	Is subsidence adequately managed to meet the client's objectives?		
5. SOIL QUALITY DEGRADATION: Compaction	Is soil compaction a problem? OR Do activities cause soil compaction problems?			<ul style="list-style-type: none"> ➤ PCS-Pasture Condition Score 	Is PCS – compaction element score ≥ 4?		
6. SOIL QUALITY DEGRADATION: Organic matter depletion	Is permanent ground cover < 80%?			<ul style="list-style-type: none"> ➤ RUSLE2 ➤ PCS-Pasture Condition Score 	1) Is the SCI > 0? OR 2) Is PCS - plant cover element score ≥ 4? AND Is PCS - plant residue element score ≥ 4?		
7. SOIL QUALITY DEGRADATION: Concentration of Salts or other chemicals	Do activities cause salinity/sodicity problems?			<ul style="list-style-type: none"> ➤ Soil diagnostic evaluations 	Are conservation practices and managements in place to mitigate onsite effects?		

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WATER RESOURCES							
8. EXCESS WATER: Ponding, flooding, seasonal high water table, and seeps	Is excess water a problem? OR Do activities cause ponding/flooding problems?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations 	Is excess water managed to meet the client's objectives?		
9. INSUFFICIENT WATER: Inefficient moisture management	Is moisture management a problem? OR Do activities cause inefficient moisture management?			<ul style="list-style-type: none"> ➤ PCS-Pasture Condition Score 	Is PCS - compaction element score ≥ 4? AND Is PCS - plant cover element score ≥ 4?		
10. INSUFFICIENT WATER: Inefficient use of irrigation water *	Is the PLU irrigated?			<ul style="list-style-type: none"> ➤ IW-Irrigated Water Index 	Is the IW ≥ 85%?		
11. WATER QUALITY DEGRADATION: Excess nutrients in surface and ground waters *	Go to assessment			<ul style="list-style-type: none"> ➤ PCS-Pasture Condition Score ➤ Nutrient budget 	Is PCS - streambank / shoreline erosion element score ≥ 4? AND Is PCS - livestock concentration areas element score ≥ 4? AND If nutrients are applied, are they based on a soil test, tissue tests or nutrient budget?		
12. WATER QUALITY DEGRADATION: Pesticides transported to surface and ground waters	Are pest control chemicals applied?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations ➤ WinPST 	Are pesticides stored, handled, disposed and managed to prevent runoff, spills, leaks, and leaching? AND Are conservation practices and managements in place to minimize offsite impacts?		
13. WATER QUALITY DEGRADATION: Excess pathogens and chemicals from manure, biosolids or compost applications *	Are potential sources of pathogens or pharmaceuticals applied on the land?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations 	Are organic materials applied, stored, and/or handled to mitigate negative impacts to water sources?		
14. WATER QUALITY DEGRADATION: Excessive salts in surface and ground waters	Is salt concentration a limiting factor?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations 	Are salt concentrations managed to mitigate offsite transport to surface or ground waters?		

Checklist of Resource Concerns

Pasture

Resource Concern * indicates required response	Screening Questions All NO = Met Screening (Not a RC) Any YES = Go to Assessment	Y E S	N O	Assessment Tools	Assessment Level Required to Meet Planning Criteria All YES = Meets Planning Criteria Any NO = Resource Concern	Y E S	N O
15. WATER QUALITY DEGRADATION: Petroleum, heavy metals and other pollutants transported to receiving waters	Do activities present the potential for contamination?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are petroleum, heavy metals or other potential pollutants stored and handled to avoid runoff or leaching?		
16. WATER QUALITY DEGRADATION: Excessive sediment in surface waters *	Are permanent ground cover < 90% and slope > 10%? OR Are classic gullies present? OR Are streams or shoreline on or adjacent to site?			<ul style="list-style-type: none"> ➤ RUSLE2 ➤ WEPS ➤ Client input ➤ Planner observation ➤ HSVAP 	Do upslope treatment and buffer practices address concentrated flows to water bodies? AND, if applicable Is the HSVAP - bank condition element score > 1.4? AND, if applicable Are livestock and vehicle water crossings stable? AND Is water erosion rate ≤ T? AND Is wind erosion rate ≤ T?		
17. WATER QUALITY DEGRADATION: Elevated water temperature	Is there a water course on or adjacent to the site with State Agency identified temperature impairment? OR Is water course temperature a client concern?			<ul style="list-style-type: none"> ➤ HSVAP ➤ Client input ➤ Planner observation 	1) Are existing practices in place to address water temperature? OR 2) Is HSVAP - riparian condition element score > 0.9? AND Is HSVAP - canopy cover element score > 0.9?		
PLANT RESOURCES							
18. DEGRADED PLANT CONDITION: Undesirable plant productivity and health *	Are plant production and health a client concern?			<ul style="list-style-type: none"> ➤ PCS-Pasture Condition Score 	Is PCS - desirable plants element score ≥ 3? AND Is PCS - plant cover element score ≥ 4? AND Is PCS - plant vigor element score ≥ 4? AND Are plants adapted to the site, meet production goals and do not negatively impact other resources?		
19. DEGRADED PLANT CONDITION: Inadequate structure and composition	Will changes to the plant community structure or composition better support the desired ecological functions and intended land use?			<ul style="list-style-type: none"> ➤ Ecological Site Descriptions ➤ PCS-Pasture Condition Score 	1) Do plant communities contain adequate diversity, composition and structure to support desired ecological functions? OR 2) Is PCS - plant vigor element score ≥ 4?		
20. DEGRADED PLANT CONDITION: Excessive plant pest pressure*	Is plant productivity limited from pest pressure?			<ul style="list-style-type: none"> ➤ PCS-Pasture Condition Score 	Is PCS - insect and disease pressure element score ≥ 4? AND Is PCS - site adaptation element score ≥ 4?		

Checklist of Resource Concerns

Pasture

Resource Concern * indicates required response	Screening Questions All NO = Met Screening (Not a RC) Any YES = Go to Assessment	Y E S	N O	Assessment Tools	Assessment Level Required to Meet Planning Criteria All YES = Meets Planning Criteria Any NO = Resource Concern	Y E S	N O
21. DEGRADED PLANT CONDITION: Wildfire hazard, excessive biomass accumulation	Is wildfire hazard a concern?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are fuel loads and fuel ladders managed to provide defensible space and meet the client's objectives?		
ANIMAL RESOURCES							
23. LIVESTOCK PRODUCTION LIMITATION: Inadequate feed and forage *	Is PLU grazed? (Grazing Modifier)			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are livestock forage, roughage and supplemental nutritional requirements addressed?		
24. LIVESTOCK PRODUCTION LIMITATION: Inadequate livestock shelter *	Is PLU grazed? (Grazing Modifier)			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Do artificial or natural shelters meet animal health needs and the client's objectives?		
25. LIVESTOCK PRODUCTION LIMITATION: Inadequate livestock water *	Is PLU grazed? (Grazing Modifier)			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Is water of acceptable quality and quantity adequately distributed to meet animal needs?		

NOTES:

Checklist of Resource Concerns

Range

CLIENT/ BUSINESS			
LAND UNITS		LOCATION	
PLANNER		DATE	

This check sheet is designed to assist planners and clients in identifying resource concerns during the planning process. The planning criteria outlined in Section III of the FOTG sets the minimum level of treatment. If all screening question(s) is/are NO, this indicates no resource concern exists and no assessment is required. If any screening question is YES, the assessment must be completed to evaluate if there is a resource concern. If the Assessment is YES, Planning Criteria is met. If any of the Assessment(s) is/are NO, Planning Criteria is not met and a Resource Concern exists.

Resource Concern <small>* indicates required response</small>	Screening Questions All NO = Met Screening (Not a RC) Any YES = Go to Assessment	Y E S	N O	Assessment Tools	Assessment Level Required to Meet Planning Criteria All YES = Meets Planning Criteria Any NO = Resource Concern	Y E S	N O
SOIL RESOURCES							
1.SOIL EROSION: Sheet, rill and wind erosion *	Is there active sheet, rill or wind erosion?			<ul style="list-style-type: none"> ➤ RHA-Rangeland Health Assessment ➤ RTW-Rangeland Trend Worksheet 	Is RHA - soil site stability slight to moderate or less? OR Is RTW - overall soil degradation slight to moderate or less?		
2.SOIL EROSION: Concentrated flow erosion *	Are classic gullies present?			<ul style="list-style-type: none"> ➤ Field measurements ➤ Planner observations 	Is classic gully management adequate to stop the progression of head cutting and widening and are offsite impacts are minimized by vegetation and/or structures?		
3.SOIL EROSION: Excessive bank erosion from streams, shorelines or water conveyance channels *	Is bank erosion from streams, shorelines or conveyance channels present?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations ➤ HSVAP 	1) Is bank erosion caused by upstream land use and beyond the client's control? OR 2) For shorelines and water conveyance channels: are banks stable or commensurate with normal geomorphological processes? AND For streambanks: is HSVAP bank condition element score > 1.4?		
5. SOIL QUALITY DEGRADATION: Compaction	Is soil compaction a problem? OR Do activities cause soil compaction problems?			<ul style="list-style-type: none"> ➤ RHA-Rangeland Health Assessment ➤ Observation of soil and plant condition 	Is RHA - soil site stability slight to moderate or less? OR Is compaction managed to meet the client's production and management objectives.		
6. SOIL QUALITY DEGRADATION: Organic matter depletion	Is soil organic matter depletion a problem? OR Do activities cause soil organic matter depletion?			<ul style="list-style-type: none"> ➤ RHA-Rangeland Health Assessment ➤ RTW-Rangeland Trend Worksheet 	1) Is RHA - soil site stability slight to moderate or less? AND Is RHA – biotic integrity attribute rating slight to moderate departure or less? OR 2) Are plant residues and litter adequate to abundant?		
7. SOIL QUALITY DEGRADATION: Concentration of Salts or other chemicals	Do activities cause salinity/sodicity problems?			<ul style="list-style-type: none"> ➤ Soil diagnostic evaluations 	Are conservation practices and managements in place to mitigate onsite effects?		

Checklist of Resource Concerns

Range

Resource Concern * indicates required response	Screening Questions All NO = Met Screening (Not a RC) Any YES = Go to Assessment	Y E S	N O	Assessment Tools	Assessment Level Required to Meet Planning Criteria All YES = Meets Planning Criteria Any NO = Resource Concern	Y E S	N O
WATER RESOURCES							
8. EXCESS WATER: Ponding, flooding, seasonal high water table, and seeps	Is excess water a problem? OR Do activities cause ponding/flooding problems?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations 	Is excess water managed to meet the client's objectives?		
9. INSUFFICIENT WATER: Inefficient moisture management	Go to assessment			<ul style="list-style-type: none"> ➤ RHA-Rangeland Health Assessment ➤ RTW-Rangeland Trend Worksheet 	1) Is RHA - hydrologic function attributes slight to moderate or less? OR 2) Is RTW – overall soil degradation slight to moderate? AND Is overall Rangeland Trend positive?		
10. INSUFFICIENT WATER: Inefficient use of irrigation water *	Is the PLU irrigated?			<ul style="list-style-type: none"> ➤ IWI-Irrigated Water Index 	Is IWI ≥85%?		
11. WATER QUALITY DEGRADATION: Excess nutrients in surface and ground waters *	Are organic or inorganic nutrients applied? OR Is the PLU grazed? OR Are there confined livestock areas?			<ul style="list-style-type: none"> ➤ Nutrient budget 	If nutrients are applied, are they based on a soil test, tissue tests or nutrient budget? AND Are conservation practices and managements in place to minimize offsite impacts?		
12. WATER QUALITY DEGRADATION: Pesticides transported to surface and ground waters	Are pest control chemicals applied?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations ➤ WinPST 	Are pesticides stored, handled, disposed and managed to prevent runoff, spills, leaks, and leaching? AND Are conservation practices and managements in place to minimize offsite impacts?		
13. WATER QUALITY DEGRADATION: Excess pathogens and chemicals from manure, biosolids or compost applications *	Are potential sources of pathogens or pharmaceuticals applied on the land?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations 	Are organic materials applied, stored, and/or handled to mitigate negative impacts to water sources?		
14. WATER QUALITY DEGRADATION: Excessive salts in surface and ground waters	Is salt concentration a limiting factor?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations 	Are salt concentrations managed to mitigate offsite transport to surface or ground waters?		

Checklist of Resource Concerns

Range

Resource Concern * indicates required response	Screening Questions All NO = Met Screening (Not a RC) Any YES = Go to Assessment	Y E S	N O	Assessment Tools	Assessment Level Required to Meet Planning Criteria All YES = Meets Planning Criteria Any NO = Resource Concern	Y E S	N O
15. WATER QUALITY DEGRADATION: Petroleum and heavy metals and other pollutants transported to receiving waters	Do activities present the potential for contamination?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are petroleum, heavy metals or other potential pollutants stored and handled to avoid runoff or leaching?		
16. WATER QUALITY DEGRADATION: Excessive sediment in surface waters*	Are there untreated sources of erosion? OR Are streams or shoreline on or adjacent to site?			<ul style="list-style-type: none"> ➤ RHA-Rangeland Health Assessment ➤ RTW-Rangeland Trend Worksheet ➤ HSVAP 	Is HSVAP - bank condition > 1.4? AND 1) Is RHA - hydrologic function attribute slight to moderate or less? OR 2) Is the Rangeland Trend positive?		
17. WATER QUALITY: Elevated water temperature	Is there a water course on or adjacent to the site with State Agency identified temperature impairment? OR Is water course temperature a client concern?			<ul style="list-style-type: none"> ➤ HSVAP ➤ Client input ➤ Planner observation 	1) Are existing practices in place to address water temperature? OR 2) Is HSVAP - riparian condition element score > 0.9? AND Is HSVAP - canopy cover element score > 0.9?		
PLANT RESOURCES							
18. DEGRADED PLANT CONDITION: Undesirable plant productivity and health *	Are plant production and health a client concern?			<ul style="list-style-type: none"> ➤ RHA-Rangeland Health Assessment ➤ RTW-Rangeland Trend Worksheet ➤ Similarity Index 	1) Does vegetation meet similarity index of 60 or greater for desired plant community and have a positive trend? OR 2) Is RHA – biotic integrity attribute rating slight to moderate departure or less? OR 3) Is RTW – vigor of desired key plants fair to good? AND Is RTW – seedlings and young desired key plants some to abundant? AND Is RTW – decadent plants some to none?		

Checklist of Resource Concerns

Range

Resource Concern * indicates required response	Screening Questions All NO = Met Screening (Not a RC) Any YES = Go to Assessment	Y E S	N O	Assessment Tools	Assessment Level Required to Meet Planning Criteria All YES = Meets Planning Criteria Any NO = Resource Concern	Y E S	N O
19. DEGRADED PLANT CONDITION: Inadequate structure and composition*	Will changes to the plant community structure or composition better support the desired ecological functions and intended land use?			<ul style="list-style-type: none"> ➤ Ecological Site Descriptions ➤ RHA-Rangeland Health Assessment ➤ Similarity Index ➤ Rangeland Trend Worksheet 	1) Do plant communities contain adequate diversity, composition and structure to support desired ecological functions? OR 2) Is RHA – biotic integrity attribute rating slight to moderate departure or less? OR 3) Does vegetation meet similarity index of 60 or greater for desired plant community and have a positive trend? OR 4) Is RTW – the vigor of desired key plants fair to good? AND Is RTW – seedlings and young desired plants abundant to some? AND Is RTW – invading undesirable plants few to none? AND Is the overall Range Trend positive?		
20. DEGRADED PLANT CONDITION: Excessive plant pest pressure*	Is plant productivity limited from pest pressure?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation For invasive plants: <ul style="list-style-type: none"> ➤ Inventory plots ➤ Transect forms 	Is pest damage to plants below economic or environmental thresholds or client-identified criteria? AND Are plant pests, including noxious and invasive species managed to meet client objectives? AND (for invasive plants) Are noxious and invasive plant species managed whereby at least 80% (or more as specified) of individuals for each target plant species adequately controlled?		
21. DEGRADED PLANT CONDITION: Wildfire hazard, excessive biomass accumulation	Is wildfire hazard a concern?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are fuel loads and fuel ladders managed to provide defensible space and meet the client's objectives?		

Checklist of Resource Concerns

Range

Resource Concern * indicates required response	Screening Questions All NO = Met Screening (Not a RC) Any YES = Go to Assessment	Y E S	N O	Assessment Tools	Assessment Level Required to Meet Planning Criteria All YES = Meets Planning Criteria Any NO = Resource Concern	Y E S	N O
LIVESTOCK RESOURCES							
23. LIVESTOCK PRODUCTION LIMITATION: Inadequate feed and forage *	Is PLU actively grazed? (Grazing Modifier)			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are livestock forage, roughage and supplemental nutritional requirements addressed?		
24. LIVESTOCK PRODUCTION LIMITATION: Inadequate livestock shelter *	Is PLU actively grazed? (Grazing Modifier)			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Do artificial or natural shelters meet animal health needs and the client's objectives?		
25. LIVESTOCK PRODUCTION LIMITATION: Inadequate livestock water *	Is PLU actively grazed? (Grazing Modifier)			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Is water of acceptable quality and quantity adequately distributed to meet animal needs?		

NOTES:

Checklist of Resource Concerns
Farmstead and Other Land Uses

CLIENT/ BUSINESS			
LAND UNITS		LOCATION	
PLANNER		DATE	

This check sheet is designed to assist planners and clients in identifying resource concerns during the planning process. The planning criteria outlined in Section III of the FOTG sets the minimum level of treatment. If all screening question(s) is/are NO, this indicates no resource concern exists and no assessment is required. If any screening question is YES, the assessment must be completed to evaluate if there is a resource concern. If the Assessment is YES, Planning Criteria is met. If any of the Assessment(s) is/are NO, Planning Criteria is not met and a Resource Concern exists.

Resource Concern <small>* indicates required response</small>	Screening Questions All NO = Met Screening (Not a RC) Any YES = Go to Assessment	Y E S	N O	Assessment Tools	Assessment Level Required to Meet Planning Criteria All YES = Meets Planning Criteria Any NO = Resource Concern	Y E S	N O
SOIL RESOURCES							
1. SOIL EROSION: Sheet, rill and wind erosion *	Are permanent ground cover < 90% and slope > 10%?			<ul style="list-style-type: none"> ➤ RUSLE2 ➤ WEPS 	Is the water erosion rate ≤ T? AND Is the wind erosion rate ≤ T?		
2. SOIL EROSION: Concentrated flow erosion *	Are classic gullies present?			<ul style="list-style-type: none"> ➤ Field measurements ➤ Planner observations 	Is classic gully management adequate to stop the progression of head cutting and widening and are offsite impacts are minimized by vegetation and/or structures?		
3. SOIL EROSION: Excessive bank erosion from streams, shorelines or water conveyance channels*	Are streams or shoreline on or adjacent to site?			<ul style="list-style-type: none"> ➤ HSVAP ➤ PCS-Pasture Condition Score 	1) Is bank erosion caused by upstream land use and beyond the client's control? OR 2) For shorelines and water conveyance channels: are banks stable or commensurate with normal geomorphological processes? AND For streambanks: is HSVAP bank condition element score > 1.4?		
4. SOIL QUALITY DEGRADATION: Subsidence	If Histisol soils present, are they exhibiting subsidence?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations 	Is subsidence adequately managed to meet the client's objectives?		
5. SOIL QUALITY DEGRADATION: Compaction	Is soil compaction a problem? OR Do activities cause soil compaction problems?			<ul style="list-style-type: none"> ➤ Soil Quality Test Kit ➤ Observation of soil and plant condition ➤ Client input ➤ Planner observations 	Is compaction managed to meet the client's production and management objectives?		
7. SOIL QUALITY DEGRADATION: Concentration of Salts or other chemicals	Do activities cause salinity/sodicity problems?			<ul style="list-style-type: none"> ➤ Soil diagnostic evaluations 	Are conservation practices and managements in place to mitigate onsite effects?		

Checklist of Resource Concerns

Farmstead and Other Land Uses

Resource Concern * indicates required response	Screening Questions All NO = Met Screening (Not a RC) Any YES = Go to Assessment	Y E S	N O	Assessment Tools	Assessment Level Required to Meet Planning Criteria All YES = Meets Planning Criteria Any NO = Resource Concern	Y E S	N O
WATER RESOURCES							
8. EXCESS WATER: Ponding, flooding, seasonal high water table, and seeps	Is excess water a problem? OR Do activities cause ponding/flooding problems?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations 	Is excess water managed to meet the client's objectives?		
9. INSUFFICIENT WATER: Inefficient moisture management	Is moisture management a problem? OR Do activities cause inefficient moisture management?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observations 	Are runoff and evapotranspiration levels minimized to meet the client's management objectives?		
10. INSUFFICIENT WATER: Inefficient use of irrigation water *	Is the PLU irrigated?			<ul style="list-style-type: none"> ➤ IWI-Irrigated Water Index 	Is the IWI ≥ 85%?		
11. WATER QUALITY DEGRADATION: Excess nutrients in surface and ground waters *	Are organic or inorganic nutrients applied? OR Is the PLU grazed? OR Are there confined livestock areas?			<ul style="list-style-type: none"> ➤ PCS-Pasture Condition Score ➤ Nutrient budget 	If nutrients are applied, are they based on a soil test, tissue tests or nutrient budget? AND Are conservation practices and managements in place to minimize offsite impacts?		
12. WATER QUALITY DEGRADATION: Pesticides transported to surface and ground waters	Are pest control chemicals applied?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ WinPST 	Are pesticides stored, handled, disposed and managed to prevent runoff, spills, leaks, and leaching? AND Are conservation practices and managements in place to minimize offsite impacts?		
13. WATER QUALITY DEGRADATION: Excess pathogens and chemicals from manure, biosolids or compost applications *	Are potential sources of pathogens or pharmaceuticals applied on the land?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are organic materials applied, stored, and/or handled to mitigate negative impacts to water sources?		
14. WATER QUALITY DEGRADATION: Excessive salts in surface and ground waters	Is salt concentration a limiting factor?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are salt concentrations managed to mitigate offsite transport to surface or ground waters?		

Checklist of Resource Concerns

Farmstead and Other Land Uses

Resource Concern * indicates required response	Screening Questions All NO = Met Screening (Not a RC) Any YES = Go to Assessment	Y E S	N O	Assessment Tools	Assessment Level Required to Meet Planning Criteria All YES = Meets Planning Criteria Any NO = Resource Concern	Y E S	N O
15. WATER QUALITY DEGRADATION: Petroleum, heavy metals and other pollutants transported to receiving waters	Do activities present the potential for contamination?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are petroleum, heavy metals or other potential pollutants stored and handled to avoid runoff or leaching?		
16. WATER QUALITY DEGRADATION: Excessive sediment in surface waters *	Are permanent ground cover < 90% and slope > 10%? OR Are classic gullies present? OR Are streams or shoreline on or adjacent to site?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ HSVAP ➤ RUSLE2 ➤ WEPS 	Do upslope treatment and buffer practices address concentrated flows to water bodies? AND, if applicable Is the HSVAP - bank condition element score > 1.4? AND, if applicable Are livestock and vehicle water crossings stable? AND Is water erosion rate ≤ T? AND Is wind erosion rate ≤ T?		
17. WATER QUALITY DEGRADATION: Elevated water temperature	Is there a water course on or adjacent to the site with State Agency identified temperature impairment? OR Is water course temperature a client concern?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ HSVAP 	1) Are existing practices in place to address water temperature? OR 2) Is HSVAP - riparian condition element score > 0.9? AND Is HSVAP - canopy cover element score > 0.9?		
PLANT RESOURCES							
18. DEGRADED PLANT CONDITION: Undesirable plant productivity and health *	Are plant production and health a client concern?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation ➤ Crop Tolerance Table 	Are plants adapted to the site, meet production goals and do not negatively impact other resources? AND Is plant damage from wind erosion below Crop Damage Tolerance levels?		
19. DEGRADED PLANT CONDITION: Inadequate structure and composition	Will changes to the plant community structure or composition better support the desired ecological functions and intended land use?			<ul style="list-style-type: none"> ➤ Ecological Site Descriptions ➤ Inventory plots ➤ Transect forms 	Have changes to plant community structure or composition moved the site to a higher state and transition level? (ex. From non-invasive, non-native species to general native species mixtures) AND Do plant communities contain adequate diversity, composition and structure to support desired ecological functions?		
20. DEGRADED PLANT CONDITION: Excessive plant pest pressure *	Is plant productivity limited from pest pressure?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Is pest damage to plants below economic or environmental thresholds or client-identified criteria? AND Are plant pests, including noxious and invasive species managed to meet the client's objectives?		

Checklist of Resource Concerns

Farmstead and Other Land Uses

Resource Concern * indicates required response	Screening Questions All NO = Met Screening (Not a RC) Any YES = Go to Assessment	Y E S	N O	Assessment Tools	Assessment Level Required to Meet Planning Criteria All YES = Meets Planning Criteria Any NO = Resource Concern	Y E S	N O
21. DEGRADED PLANT CONDITION: Wildfire hazard, excessive biomass accumulation	Is wildfire hazard a concern?			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are fuel loads and fuel ladders managed to provide defensible space and meet the client's objectives?		
ANIMAL RESOURCES							
23. LIVESTOCK PRODUCTION LIMITATION: Inadequate feed and forage *	Is PLU grazed? (Grazing Modifier)			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Are livestock forage, roughage and supplemental nutritional requirements addressed?		
24. LIVESTOCK PRODUCTION LIMITATION: Inadequate livestock shelter *	Is PLU grazed? (Grazing Modifier)			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Do artificial or natural shelters meet animal health needs and the client's objectives?		
25. LIVESTOCK PRODUCTION LIMITATION: Inadequate livestock water *	Is PLU grazed? (Grazing Modifier)			<ul style="list-style-type: none"> ➤ Client input ➤ Planner observation 	Is water of acceptable quality and quantity adequately distributed to meet animal needs?		

NOTES: