

## Resource Concerns Checklist

Client _____	Land Units _____
Location _____	<input checked="" type="checkbox"/> Land Uses <input type="checkbox"/> Crop <input type="checkbox"/> Pasture <input type="checkbox"/> Range <input type="checkbox"/> Forest <input type="checkbox"/> Farmstead <input type="checkbox"/> Assoc Ag Land <input type="checkbox"/> Designated Protected Area <input type="checkbox"/> Developed Land <input type="checkbox"/> Water <input type="checkbox"/> Other Rural Land

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Resource Concern	Land Use *Required	Component	Screening True not a concern, False or no question go to assessment	T	F	Assessment Level True not a concern, False is a resource concern	T	F	Resource Concern?	Client Objective?	Tract/Land Unit with concern
SOIL EROSION - Sheet, rill, & wind erosion	• Crop* • Developed Land* • Farmsteads* • Associated Ag Land* • Designated Protected Area* • Other Rural Land* • Pasture*	Sheet & Rill	Permanent ground cover > 90% and slope < 10%	<input type="checkbox"/>	<input type="checkbox"/>	Water erosion rate ≤ T	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Wind		Wind erosion rate ≤ T	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	• Forest*	Sheet & Rill	Soil surface organic residue cover > 80%	<input type="checkbox"/>	<input type="checkbox"/>	Site is stable and without visible signs of erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Wind	Meets State established criteria.	<input type="checkbox"/>	<input type="checkbox"/>	RHA - soil site stability - slight to moderate or less OR Rangeland Planned Trend is positive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SOIL EROSION - Concentrated flow erosion	• Crop*	Ephemeral gullies	Ephemeral gullies are not occurring	<input type="checkbox"/>	<input type="checkbox"/>	Conservation practices and managements are in place to prevent or control ephemeral gullies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Classic gullies	Classic gullies are not present	<input type="checkbox"/>	<input type="checkbox"/>	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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Forest* • Farmsteads* • Pasture* • Range* • Developed Land* • Associated Ag Land* • Designated Protected Area* • Other Rural Land*	Classic gullies	Classic gullies are not present	<input type="checkbox"/>	<input type="checkbox"/>	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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SOIL EROSION - Excessive bank erosion from streams shorelines or water conveyance channels	• Crop* • Forest • Range* • Developed Land* • Associated Ag Land* • Designated Protected Area* • Water* • Other Rural Land* • Farmsteads*		Streams, shoreline or channels are not on or adjacent to site	<input type="checkbox"/>	<input type="checkbox"/>	For shorelines and water conveyance channels; banks are stable or commensurate with normal geomorphological processes AND If bank erosion is present, it is beyond the client's control or commensurate with normal geomorphological processes AND For streambanks; SVAP2 bank condition element score >=5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Pasture*			<input type="checkbox"/>	<input type="checkbox"/>	Bank erosion is beyond the client's control or commensurate with normal geomorphological processes AND PCS - streambank / shoreline erosion element score ≥ 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SOIL QUALITY DEGRADATION - Subsidence	• Crop • Forest • Associated Ag Land • Designated Protected Area • Pasture		Histisol soils are not present OR Histisols soils are not exhibiting subsidence	<input type="checkbox"/>	<input type="checkbox"/>	Subsidence is adequately managed to meet client's objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SOIL QUALITY DEGRADATION - Compaction	• Crop • Forest • Associated Ag Land • Designated Protected Area • Other Rural Land		Soil compaction is not a problem	<input type="checkbox"/>	<input type="checkbox"/>	Compaction is managed to meet Client's production and management objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Pasture		AND	PCS - compaction element score ≥ 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	• Range		Activities do not cause soil compaction problems	<input type="checkbox"/>	<input type="checkbox"/>	RHA - soil site stability - slight to moderate or less OR Compaction is managed to meet Client's production and management objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Planner \_\_\_\_\_ Date \_\_\_\_\_

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Resource Concern	Land Use *Required	Component	Screening True not a concern, False or no question go to assessment	<input type="checkbox"/> T <input type="checkbox"/> F	<input type="checkbox"/> T <input type="checkbox"/> F	Assessment Level True not a concern, False is a resource concern	<input type="checkbox"/> T <input type="checkbox"/> F	<input type="checkbox"/> T <input type="checkbox"/> F	Resource Concern?	Client Objective?	Tract/Land Unit with concern
SOIL QUALITY DEGRADATION – Organic matter depletion	• Crop*		Permanent ground cover > 80%	<input type="checkbox"/>	<input type="checkbox"/>	SCI > 0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Pasture			<input type="checkbox"/>	<input type="checkbox"/>	SCI > 0 OR [PCS - plant cover element score ≥ 4 AND PCS - plant residue element score ≥ 4 ]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Range			<input type="checkbox"/>	<input type="checkbox"/>	[RHA - soil site stability slight to moderate or less AND RHA – biotic integrity attribute rating slight to moderate departure or less] OR Rangeland Planned Trend positive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Forest			<input type="checkbox"/>	<input type="checkbox"/>	Ground cover meets state criteria specific to ecological site OR Soil organic matter is managed to meet Client objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SOIL QUALITY DEGRADATION – Concentration of salts or other chemicals	• Crop • Pasture • Range • Associated Ag Land • Farmsteads		Activities do not cause salinity/sodicity problems	<input type="checkbox"/>	<input type="checkbox"/>	Conservation practices and managements are in place to mitigate on-site effects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
EXCESS WATER – Ponding, flooding, seasonal high water table, seeps, and drifted snow	• Crop • Forest • Farmsteads • Pasture • Range • Developed Land • Associated Ag Land • Designated Protected Area • Other Rural Land	Ponding and Flooding	Ponding or flooding not a problem AND Activities do not cause ponding/flooding problems	<input type="checkbox"/>	<input type="checkbox"/>	Excess water is managed to meet Client's objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Seasonal High Water Table	Seasonal high water table does not cause a problem	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Seeps	Excess water from seeps does not cause a problem	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Drifted Snow	Drifted snow does not cause a problem	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
INSUFFICIENT WATER – Inefficient moisture management	• Crop • Developed Land • Forest • Associated Ag Land • Designated Protected Area		Moisture management is not a problem AND Activities do not cause inefficient moisture management problems	<input type="checkbox"/>	<input type="checkbox"/>	Runoff and evapotranspiration levels are minimized to meet Client's management objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Range*		<input type="checkbox"/>	<input type="checkbox"/>	RHA - hydrologic function attributes slight to moderate or less	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	• Pasture		<input type="checkbox"/>	<input type="checkbox"/>	PCS – compaction element score ≥ 4 AND PCS - plant cover element score ≥ 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
INSUFFICIENT WATER – Inefficient use of irrigation water	• All*		PLU is not irrigated	<input type="checkbox"/>	<input type="checkbox"/>	The irrigation system components and management meet state specific efficiency criteria	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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				T	F		T	F				
WATER QUALITY DEGRADATION: Excess nutrients in surface and ground waters	• Crop*	Excess nutrients in surface water	Organic or inorganic nutrients are not applied AND PLU is not grazed	<input type="checkbox"/>	<input type="checkbox"/>	Nutrient and amendment applications are based on soil or tissue tests and nutrient budgets for realistic yields AND Conservation practices and managements are in place to minimize surface water impacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		Excess nutrients in groundwater		<input type="checkbox"/>	<input type="checkbox"/>	Nutrient and amendment applications are based on soil or tissue tests and nutrient budgets for realistic yields AND Conservation practices and managements are in place to minimize groundwater impacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	• Pasture*	Excess nutrients in surface water			<input type="checkbox"/>	<input type="checkbox"/>	PCS - streambank / shoreline erosion element score $\geq 4$ AND PCS - livestock concentration areas element score $\geq 4$ AND Nutrients are applied and based on a soil test, tissue tests or nutrient budget	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Excess nutrients in groundwater					Nutrients if applied, are based on a soil test, tissue tests or nutrient budget AND Conservation practices and managements are in place to minimize groundwater impacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Developed Land	Excess nutrients in surface water	Organic or inorganic nutrients are not applied		<input type="checkbox"/>	<input type="checkbox"/>	Nutrients if applied, are based on a soil test, tissue tests or nutrient budget AND Conservation practices and managements are in place to minimize surface water impacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Excess nutrients in groundwater					Nutrients if applied, are based on a soil test, tissue tests or nutrient budget AND Conservation practices and managements are in place to minimize groundwater impacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Other Rural Land • Associated Ag Land • Designated Protected Area • Water • Forest • Range	Excess nutrients in surface water	Organic or inorganic nutrients are not applied AND PLU is not grazed		<input type="checkbox"/>	<input type="checkbox"/>	Nutrients if applied, are based on a soil test, tissue tests or nutrient budget AND Conservation practices and managements are in place to minimize surface water impacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Excess nutrients in groundwater					There are no confined livestock areas AND Conservation practices and managements are in place to minimize groundwater impacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Farmsteads*	Excess nutrients in surface water	Organic or inorganic nutrients are not applied AND PLU is not grazed AND There are no confined livestock areas		<input type="checkbox"/>	<input type="checkbox"/>	Conservation practices and managements are in place to minimize surface water impacts AND Surface waters are protected from contamination due to runoff and leaching from storage sites, spill and other concentrated sources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Excess nutrients in groundwater					Conservation practices and managements are in place to minimize groundwater impacts AND Groundwater is protected from contamination due to runoff and leaching from storage sites, spill and other concentrated sources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	WATER QUALITY DEGRADATION: Pesticides transported to surface and ground waters	• All	Pesticides transported to surface water	Pest control chemicals are not applied	<input type="checkbox"/>	<input type="checkbox"/>	Pesticides are stored, handled, disposed and managed to prevent runoff, spills, leaks and leaching AND Conservation practices and managements are in place to minimize surface water impacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			Pesticides transported to groundwater	Pest control chemicals are not applied	<input type="checkbox"/>	<input type="checkbox"/>	Pesticides are stored, handled, disposed and managed to prevent runoff, spills, leaks and leaching AND Conservation practices and managements are in place to minimize groundwater impacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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WATER QUALITY DEGRADATION – Excess pathogens and chemicals from manure, bio-solids or compost applications	<ul style="list-style-type: none"> <li>• Crop* • Farmsteads*</li> <li>• Forest</li> <li>• Developed Land</li> <li>• Associated Ag Land</li> <li>• Other Rural Land</li> <li>• Designated Protected Area</li> <li>• Water</li> <li>• Pasture* • Range</li> </ul>	Pathogens and chemicals from manure, bio-solids, or compost applications transported to surface water	Potential sources of pathogens or pharmaceuticals are not applied on the land	<input type="checkbox"/>	<input type="checkbox"/>	Organic materials are applied, stored, and/or handled to mitigate negative impacts to surface water sources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Pathogens and chemicals from manure, bio-solids, or compost applications transported to groundwater	Potential sources of pathogens or pharmaceuticals are not applied on the land	<input type="checkbox"/>	<input type="checkbox"/>	Organic materials are applied, stored, and/or handled to mitigate negative impacts to groundwater sources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
WATER QUALITY DEGRADATION – Excessive salts in surface and ground waters	• All	Excessive salts in surface water	Excess salt is not a problem	<input type="checkbox"/>	<input type="checkbox"/>	Salt concentrations are managed to mitigate off-site transport to surface waters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Excessive salts in groundwater	Activities do not contribute to excess salt problem	<input type="checkbox"/>	<input type="checkbox"/>	Salt concentrations are managed to mitigate off-site transport to groundwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
WATER QUALITY DEGRADATION – Petroleum, heavy metals and other pollutants transported to receiving waters	• All	Petroleum, heavy metals, and other pollutants transported to surface water	Activities do not present the potential for contamination by petroleum, heavy metals and other pollutants	<input type="checkbox"/>	<input type="checkbox"/>	Petroleum, heavy metals or other potential pollutants are stored and handled to avoid runoff to surface water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Petroleum, heavy metals, and other pollutants transported to groundwater	Activities do not present the potential for contamination by petroleum, heavy metals and other pollutants	<input type="checkbox"/>	<input type="checkbox"/>	Petroleum, heavy metals or other potential pollutants are stored and handled to avoid leaching to groundwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
WATER QUALITY DEGRADATION – Excessive sediment in surface waters	<ul style="list-style-type: none"> <li>• Crop*</li> <li>• Developed Land*</li> <li>• Farmsteads*</li> <li>• Other Rural Land</li> <li>• Associated Ag Land</li> <li>• Designated Protected Area</li> <li>• Water</li> <li>• Pasture*</li> </ul>		Permanent ground cover > 90% and slope < 10% AND Classic gullies are not present AND Streams or shoreline are not on or adjacent to site	<input type="checkbox"/>	<input type="checkbox"/>	Upslope treatment and buffer practices address concentrated flows to water bodies AND SVAP2 - bank condition ≥ 5 AND Livestock and vehicle water crossings are stable AND Water erosion rate ≤ T AND Wind erosion rate ≤ T	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Forest*		There are no untreated sources of erosion AND Streams or shoreline are not on or adjacent to site	<input type="checkbox"/>	<input type="checkbox"/>	Upslope treatment and buffer practices address concentrated flows to water bodies AND Heavy use areas are stable AND SVAP2 - bank condition ≥ 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Range*			<input type="checkbox"/>	<input type="checkbox"/>	RHA - hydrologic function attribute - slight to moderate or less AND SVAP2 - bank condition ≥ 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
WATER QUALITY DEGRADATION – Elevated water temperature	• All		Water courses on or adjacent to the site are not designated by a State Agency as a temperature impairment OR Water course temperature is not a client concern	<input type="checkbox"/>	<input type="checkbox"/>	[SVAP2 - riparian area quality element score ≥ 5 AND SVAP2 - riparian area quantity quality element score ≥ 5 AND SVAP2 - canopy cover element score ≥ 6 ] OR Existing conservation practices are in place to address water temperature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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				T	F		T	F			
DEGRADED PLANT CONDITION – Undesirable plant productivity and health	<ul style="list-style-type: none"> <li>• Crop</li> <li>• Farmsteads</li> <li>• Developed Land</li> <li>• Designated Protected Area</li> <li>• Associated Ag Land</li> <li>• Other Rural Land</li> </ul>		Plant production and health is not a client concern	<input type="checkbox"/>	<input type="checkbox"/>	Plants are adapted to the site, meet production goals and do not negatively impact other resources AND Plant damage from wind erosion is below Crop Damage Tolerance levels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Range*		Vegetation meet similarity index or range condition score of 60 or greater for desired plant community and has a positive trend OR RHA – biotic integrity attribute rating - slight to moderate departure or less	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	• Pasture*		PCS - 30 or above AND Plants are adapted to the site, meet production goals and do not negatively impact other resources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	• Forest		Plant production and health is not a client concern	<input type="checkbox"/>	<input type="checkbox"/>	Forest species are adapted to site AND Composition and stand density meets the Client's objectives and production goals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
DEGRADED PLANT CONDITION – Inadequate structure and composition	<ul style="list-style-type: none"> <li>• Forest</li> <li>• Designated Protected Area</li> <li>• Associated Ag Land</li> <li>• Water</li> <li>• Pasture</li> </ul>		Plant communities support the intended land use and desired ecological functions	<input type="checkbox"/>	<input type="checkbox"/>	Plant communities contain adequate diversity, composition and structure to support desired ecological functions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Range*		Plant communities support the intended land use and desired ecological functions	<input type="checkbox"/>	<input type="checkbox"/>	Plant communities contain adequate diversity, composition and structure to support desired ecological functions OR RHA – biotic integrity attribute rating slight to moderate departure or less OR Vegetation meet similarity index of 60 or greater for desired plant community and has a positive trend	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
DEGRADED PLANT CONDITION – Excessive plant pest pressure	<ul style="list-style-type: none"> <li>• Crop • Forest*</li> <li>• Farmsteads • Range*</li> <li>• Developed Land</li> <li>• Associated Ag Land</li> <li>• Designated Protected Area</li> <li>• Water • Other Rural Land</li> </ul>		Plant productivity is not limited from pest pressure	<input type="checkbox"/>	<input type="checkbox"/>	Pest damage to plants are below economic or environmental thresholds or client-identified criteria AND Plant pests, including noxious and invasive species are managed to meet client objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Pasture*		Plant productivity is not limited from pest pressure	<input type="checkbox"/>	<input type="checkbox"/>	PCS - insect and disease pressure element score $\geq 4$ AND PCS - site adaptation element score $\geq 4$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
DEGRADED PLANT CONDITION– Wildfire hazard, excessive biomass accumulation	• All		Wildfire hazard is not a concern	<input type="checkbox"/>	<input type="checkbox"/>	Fuel loads and fuel ladders are managed to provide defensible space and meet client objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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INADEQUATE HABITAT FOR FISH AND WILDLIFE – Habitat degradation	• All	Quantity, quality of food is inadequate to meet requirements of identified fish, wildlife or invertebrate species	Managing for wildlife is not a client objective.	<input type="checkbox"/>	<input type="checkbox"/>	WHSI rating $\geq$ 0.5 AND (when surface stream present) [SVAP2 – fish habitat complexity element score $\geq$ 7 AND SVAP2 – aquatic invertebrate habitat element score $\geq$ 7 ] OR Conservation practices and management are in place that meet or exceed species or guild-specific habitat model thresholds OR Food is available in quality and extent to support habitat requirements for the species of interest	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Quantity, quality of water is inadequate to meet requirements of identified fish, wildlife or invertebrate species	Managing for wildlife is not a client objective.	<input type="checkbox"/>	<input type="checkbox"/>	WHSI rating $\geq$ 0.5 AND (when surface stream present) SVAP2 – aquatic invertebrate habitat element score $\geq$ 7 OR Conservation practices and management are in place that meet or exceed species or guild-specific habitat model thresholds OR Water is available in quality and extent to support habitat requirements for the species of interest	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Quantity, quality or cover/shelter is inadequate to meet requirements of identified fish, wildlife or invertebrate species	Managing for wildlife is not a client objective.	<input type="checkbox"/>	<input type="checkbox"/>	WHSI rating $\geq$ 0.5 AND (when surface stream present) [SVAP2 – barriers to movement element score $\geq$ 7 AND SVAP2 – fish habitat complexity element score $\geq$ 7 ] OR Conservation practices and management are in place that meet or exceed species or guild-specific habitat model thresholds OR Cover is of available quality and extent to support habitat requirements for the species of interest	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Habitat continuity and/or space is inadequate to meet requirements of identified fish, wildlife or invertebrate species	Managing for wildlife is not a client objective.	<input type="checkbox"/>	<input type="checkbox"/>	WHSI rating $\geq$ 0.5 AND (when surface stream present) [SVAP2 – barriers to movement element score $\geq$ 7 AND SVAP2 – aquatic invertebrate habitat element score $\geq$ 7 ] OR Conservation practices and management are in place that meet or exceed species or guild-specific habitat model thresholds OR The connectivity of habitat components are adequate to support stable populations of targeted species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
LIVESTOCK PRODUCTION LIMITATION – Inadeq feed and forage	• All		Land is not grazed.	<input type="checkbox"/>	<input type="checkbox"/>	Livestock forage, roughage and supplemental nutritional requirements addressed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
LIVESTOCK PRODUCTION LIMITATION – Inadeq livestock shelter	• All		Land is not grazed.	<input type="checkbox"/>	<input type="checkbox"/>	Artificial or natural shelters meet animal health needs and client objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
LIVESTOCK PRODUCTION LIMITATION – Inadeq livestock water	• All		Land is not grazed.	<input type="checkbox"/>	<input type="checkbox"/>	Water of acceptable quality and quantity adequately distributed to meet animal needs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Notes:

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## Resource Concerns Checklist

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 a screening question is TRUE, this indicates no resource concern exists and no assessment is required. If a screening question is FALSE, the assessment must be completed to evaluate if there is a resource concern. If the Assessment is TRUE, Planning Criteria is met. If the Assessment is FALSE, the Planning Criteria is not met and a Resource Concern exists.

If there is no screening question, go directly to assessment. If the Resource Concern is a Client Identified Objective (in effect the client wishes to exceed planning criteria), the concern will be required to be evaluated in the planning process.

Resource Concern	Land Use *Required	Component	Screening True not a concern, False or no question go to assessment	<input checked="" type="checkbox"/> T	<input checked="" type="checkbox"/> F	Assessment Level True not a concern, False is a resource concern	<input checked="" type="checkbox"/> T	<input checked="" type="checkbox"/> F	Resource Concern? <input checked="" type="checkbox"/>	Client Objective? <input checked="" type="checkbox"/>	Tract/Land Unit with concern
INEFFICIENT ENERGY USE - Equipment and facilities	• All		Client is not interested in improving equipment and facilities energy efficiency	<input type="checkbox"/>	<input type="checkbox"/>	A USDA approved energy audit been implemented that address equipment and facilities to meet client objectives OR On-farm renewable energy and/or energy conserving practices have been implemented to meet client objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
INEFFICIENT ENERGY USE - Farming/ranching practices and field operations	• All		Client is not interested in improving energy use in farm and ranch field operations	<input type="checkbox"/>	<input type="checkbox"/>	A USDA approved energy audit been implemented that address field operations to meet client objectives OR On-farm renewable energy and/or energy conserving practices have been implemented to meet client objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AIR QUALITY IMPACTS - Emissions of Particulate Matter - PM - and PM Precursors	• Crop • Pasture • Range • Forest • Other Rural Land • Associated Ag Land • Designated Protected Areas • Developed Land • Farmsteads		Activities are not present that contribute to agricultural source PM or PM precursor emissions such as Prescribed Burn, Travel ways unpaved or untreated with binding agents, Engines (combustion source), Tillage, Pesticide applications, Fertilization manure/ commercial), CAFO/manure management) AND Episodes or complaints of emissions of PM (dust, smoke, exhaust, etc.), or chemical drift have not occurred	<input type="checkbox"/>	<input type="checkbox"/>	PM and PM Precursor emissions are managed to meet client objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AIR QUALITY IMPACTS - Emissions of Greenhouse Gases - GHGs	• All		Activities are not present that produce GHGs emissions such as Fertilization, CAFO/manure management, Engines (combustion source), Tillage AND GHGs are not regulated in this planning area	<input type="checkbox"/>	<input type="checkbox"/>	Greenhouse gas emissions are managed to meet client objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AIR QUALITY IMPACTS - Emissions of Ozone Precursors	• All		Operations are not present that produce ozone precursor emissions such as: Engines (combustion source), Pesticide application, Burning, CAFO/manure management, Fertilization (manure /commercial)	<input type="checkbox"/>	<input type="checkbox"/>	Ozone precursor emissions are managed to meet client objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AIR QUALITY IMPACTS - Objectionable odors	• Crop • Pasture • Farmsteads • Other Rural Land		Activities are not present that contribute to odor nuisance air quality conditions such as: Pesticide applications, CAFO / manure management, Composting is conducted AND Odor sources are not regulated in this planning area AND Episodes or complaints of odor nuisance have not occurred	<input type="checkbox"/>	<input type="checkbox"/>	Odors are managed to meet client objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Notes:

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## Identified Resource Concerns

Client: \_\_\_\_\_

Location \_\_\_\_\_

Land Units \_\_\_\_\_

Required   
  Optional   
  Not Applicable

Enter Y (yes) or N (no) for each applicable land use to show presence or absence of Concern.

	Crop	Pasture	Range	Forest	Farmstead	Assoc. Ag Land	Designated Protected Area	Developed Land	Water	Other Rural Land
Resource Concern										
SOIL EROSION - Sheet & rill erosion										
SOIL EROSION - Wind erosion										
SOIL EROSION - Concentrated flow erosion, ephemeral gullies										
SOIL EROSION - Concentrated flow erosion, classic gullies										
SOIL EROSION- Excessive bank erosion from streams shorelines or water conveyance channels										
SOIL QUALITY DEGRADATION - Subsidence										
SOIL QUALITY DEGRADATION - Compaction										
SOIL QUALITY DEGRADATION - Organic matter depletion										
SOIL QUALITY DEGRADATION - Concentration of salts or other chemicals										
EXCESS WATER - Ponding and flooding										
EXCESS WATER -Seasonal high water table										
EXCESS WATER -Seeps										
EXCESS WATER -Drifted snow										
INSUFFICIENT WATER - Inefficient moisture management										
INSUFFICIENT WATER - Inefficient use of irrigation water										
WATER QUALITY DEGRADATION: Excess nutrients in surface and ground waters										
WATER QUALITY DEGRADATION: Pesticides transported to surface and ground waters										
WATER QUALITY DEGRADATION - Excess pathogens and chemicals from manure, bio-solids or compost applications										
WATER QUALITY DEGRADATION - Excessive salts in surface and ground waters										
WATER QUALITY DEGRADATION - Petroleum, heavy metals and other pollutants transported to receiving waters										
WATER QUALITY DEGRADATION - Excessive sediment in surface waters										
WATER QUALITY DEGRADATION - Elevated water temperature										
DEGRADED PLANT CONDITION - Undesirable plant productivity and health										
DEGRADED PLANT CONDITION - Inadequate structure and composition										
DEGRADED PLANT CONDITION - Excessive plant pest pressure										
DEGRADED PLANT CONDITION- Wildfire hazard, excessive biomass accumulation										
INADEQUATE HABITAT FOR FISH AND WILDLIFE - Habitat degradation-Food										
INADEQUATE HABITAT FOR FISH AND WILDLIFE - Habitat degradation-Water										
INADEQUATE HABITAT FOR FISH AND WILDLIFE - Habitat degradation-Cover/Shelter										
INADEQUATE HABITAT FOR FISH AND WILDLIFE - Habitat degradation- Continuity/Space										
LIVESTOCK PRODUCTION LIMITATION - Inadeq feed and forage										
LIVESTOCK PRODUCTION LIMITATION - Inadeq livestock shelter										
LIVESTOCK PRODUCTION LIMITATION - Inadeq livestock water										
INEFFICIENT ENERGY USE - Equipment and facilities										
INEFFICIENT ENERGY USE - Farming/ranching practices and field operations										
AIR QUALITY IMPACTS - Emissions of Particulate Matter - PM - and PM Precursors										
AIR QUALITY IMPACTS - Emissions of Greenhouse Gases - GHGs										
AIR QUALITY IMPACTS - Emissions of Ozone Precursors										
AIR QUALITY IMPACTS - Objectionable odors										

Planner: \_\_\_\_\_

Date: \_\_\_\_\_