CHECKLIST OF RESOURCE PROBLEMS OR CONDITIONS

Business Name: _____ Tract/Land Unit: _____

NRCS Client Land Use: _____ Management System Label: _____

ANSWER ALL ITEMS AND DESCRIBE EACH YES ANSWER:

	Y/N	DESCRIPTION OF CONDITION
Soil Erosion		
Sheet and Rill Erosion - RUSLE or RUSLE2	_____	_____ Tons/Acre/Year
Sheet and Rill Erosion – Visual Assessment		_____
- Rangeland – Rangeland Health Indicator Score		_____
Wind Erosion - WEQ	_____	_____ Tons/Acre/Year
Wind Erosion – Visual Assessment		_____
- Rangeland – Rangeland Health Indicator Score		_____
Ephemeral Gully – Visual Assessment	_____	_____
Ephemeral Gully - Air photo analysis		_____ Acres
Ephemeral Gully - Numeric		_____ Tons/Year
Ephemeral Gully- Narrative Entry		_____
- Rangeland – Rangeland Health Indicator Score		_____
Classic Gully- Visual Assessment	_____	_____
Classic Gully- Direct Volume		_____ Tons/Year
Classic Gully - Numeric		_____ Acres
Classic Gully - Air photo analysis		_____ Acres
- Rangeland – Rangeland Health Indicator Score		_____
Streambank - Direct Volume	_____	_____ Tons/Year
Streambank Erosion – Visual Assessment		_____ _____
Streambank Erosion – Lateral Recession Estimate		_____
Streambank Erosion – Air photo analysis		_____
- Rangeland – Visual Assessment of Riparian Health		_____
Shoreline – Visual Assessment	_____	_____ _____
Shoreline – Air photo analysis		_____ Acres
Shoreline - Direct Volume		_____ Tons/Year
Irrigation-Induced Erosion – Direct Volume	_____	_____ Tons/Acre/Year
Irrigation-Induced Erosion – Imhoff Cone or other		_____ Tons/Acre/Year
Irrigation-Induced Erosion - Models		_____
Irrigation-Induced Erosion - Visual Assessment		_____
Mass Movement- Visual Assessment	_____	_____ Acres _____Tons/Year
Mass Movement - Geologic Investigation		_____ _____
Road, Roadsides, Construction Sites – Visual Assessment	_____	_____ Acres_____
Road, Roadsides, Construction Sites – Direct Volume		_____ Tons/Year
Road, Roadsides, Construction Sites – RUSLE2 and WEQ		_____ Tons/Year

CHECKLIST OF RESOURCE PROBLEMS OR CONDITIONS

ANSWER ALL ITEMS AND DESCRIBE EACH YES ANSWER:

	Y/N	DESCRIPTION OF CONDITION
Soil Condition		
Organic Matter Depletion – Soil Conditioning Index	_____	_____
Organic Matter Depletion – Soil Quality Kit		_____
Organic Matter Depletion – Thickness & strength of crust		_____
Organic Matter Depletion – aggregate stability		_____
Organic Matter Depletion – earthworm test		_____
Organic Matter Depletion – respiration test		_____
Organic Matter Depletion – soil sampling method		_____
Organic Matter Depletion – Rangeland Health Indicator Score		_____
Rangeland Site Suitability- Rangeland Health Indicators	_____	_____
Compaction – Soil Quality Test Kit : Bulk Density Test	_____	_____
Compaction – Plant Root Observation		_____
Compaction - Penetrometer		_____
Compaction – Rangeland Health Indicator Score		_____
Compaction – Soil Quality Info Sheet - Compaction		_____
Compaction – Soil Sampling Method		_____
Subsidence – Visual Assessment	_____	_____
Subsidence– Visual – Soil probes and witness poles		_____
Subsidence – Inventory of volume and depth		_____ Inches/Acre/Year _____
Contaminants: Salts and Other Chemicals – Laboratory tests	_____	_____
Contaminants: Salts and Other Chemicals – Background concentrations		_____
Contaminants: Salts and Other Chemicals - Soil Quality Test Kit: Electrical Conductivity		_____
Contaminants: Salts and Other Chemicals – Crop Yield		_____
Contaminants: Salts and Other Chemicals – Soil Quality Info Sheet: Salinization		_____
Contaminants: Salts and Other Chemicals – Soil Sampling Method		_____
Contaminants: Animal Waste & Other Organics - N – Nitrogen Quick Test	_____	_____ Pounds/Acre/Year_____
Contaminants: Animal Waste & Other Organics - N – Soil laboratory testing		_____
Contaminants: Animal Waste & Other Organics - N – Plant Tissue Testing		_____
Contaminants: Animal Waste & Other Organics - N – Application Records		_____
Contaminants: Animal Waste & Other Organics - N – Crop Nutrient Requirements		_____
Contaminants: Animal Waste & Other Organics - N – Soil Sampling Method		_____
Contaminants: Animal Waste & Other Organics - P – Soil laboratory testing	_____	_____ Pounds/Acre/Year_____
Contaminants: Animal Waste & Other Organics - P – Plant Tissue Testing		_____
Contaminants: Animal Waste & Other Organics - P – Application Records		_____
Contaminants: Animal Waste & Other Organics - P – Crop Nutrient Requirements		_____
Contaminants: Animal Waste & Other Organics - P – Soil Sampling Method		_____
Contaminants: Animal Waste & Other Organics - K – Soil laboratory testing	_____	_____ Pounds/Acre/Year_____
Contaminants: Animal Waste & Other Organics - K – Plant Tissue Testing		_____
Contaminants: Animal Waste & Other Organics - K – Application Records		_____
Contaminants: Animal Waste & Other Organics - K – Crop Nutrient Requirements		_____
Contaminants: Animal Waste & Other Organics - K – Soil Sampling Method		_____

CHECKLIST OF RESOURCE PROBLEMS OR CONDITIONS

ANSWER ALL ITEMS AND DESCRIBE EACH YES ANSWER:

	Y/N	DESCRIPTION OF CONDITION
Contaminants: Commercial Fertilizer - N – Nitrogen Quick Test	_____	_____ Pounds/Acre/Year_____
Contaminants: Commercial Fertilizer - N – Soil laboratory testing		_____
Contaminants: Commercial Fertilizer - N – Crop Nutrient Requirements		_____
Contaminants: Commercial Fertilizer - N – Soil Sampling Method		_____
Contaminants: Commercial Fertilizer - N - Soil Quality Test Kit – pH		_____
Contaminants: Commercial Fertilizer - P – Soil laboratory testing	_____	_____ Pounds/Acre/Year_____
Contaminants: Commercial Fertilizer - P – Crop Nutrient Requirements		_____
Contaminants: Commercial Fertilizer - P – Soil Sampling Method		_____
Contaminants: Commercial Fertilizer - P - Soil Quality Test Kit – pH		_____
Contaminants: Commercial Fertilizer - K – Soil laboratory testing	_____	_____ Pounds/Acre/Year_____
Contaminants: Commercial Fertilizer - K – Crop Nutrient Requirements		_____
Contaminants: Commercial Fertilizer - K – Soil Sampling Method		_____
Contaminants: Commercial Fertilizer - K - Soil Quality Test Kit – pH		_____
Contaminants: Residual Pesticides – Visual observation	_____	_____
Contaminants: Residual Pesticides – WIN-PST		_____
Contaminants: Residual Pesticides – Laboratory Testing		_____
Contaminants: Residual Pesticides – Soil Sampling Method		_____
Contaminants: Residual Pesticides – Soil Quality Info Sheet: Pesticides		_____
Damage from Sediment Deposition – Visual assessment	_____	_____Acres/Year_____
Damage from Sediment Deposition – Volume calculation		_____
Damage from Sediment Deposition –RUSLE2 and WEQ		_____
Damage from Sediment Deposition – Plant & animal community assessment		_____
Damage from Sediment Deposition - Rangeland Health Indicator Score		_____
Damage from Sediment Deposition - Soil Quality Info Sheet: Sediment Deposition On Cropland		_____

Water Quantity

Rangeland Hydrologic Cycle – Rangeland Health Indicators	_____	_____
Excessive Seepage – Visual Assessment	_____	_____Acres/Year_____
Excessive Seepage – Client Interview		_____
Excessive Seepage – Area Measurements		_____
Excessive Seepage – Soil Survey		_____
Excessive Runoff, Flooding, Ponding - Visual Assessment	_____	_____
Excessive Runoff, Flooding, Ponding - Client Interview		_____
Excessive Runoff, Flooding, Ponding – SVAP		_____
Excessive Runoff, Flooding, Ponding – Nat'l Engineering Handbood		_____
Excessive Runoff, Flooding, Ponding – Hydrologic Models		_____
Excessive Subsurface Water – Visual Assessment	_____	_____
Excessive Subsurface Water - Plant quality and quantity		_____
Excessive Subsurface Water – Nat'l Engineering Handbook		_____
Excessive Subsurface Water – Soil Survey		_____
Excessive Subsurface Water – DrainMod		_____

CHECKLIST OF RESOURCE PROBLEMS OR CONDITIONS

ANSWER ALL ITEMS AND DESCRIBE EACH YES ANSWER:

	Y/N	DESCRIPTION OF CONDITION
Drifted snow - Visual assessment	_____	_____
Drifted snow – Client interview		_____
Drifted snow – Depth and area measurements		_____
Inadequate Outlets - Visual assessment	_____	_____
Inadequate Outlets - Client interview		_____
Inadequate Outlets – National Engineering Handbook		_____
Inadequate Outlets – Hydrologic Models		_____
Inefficient Water Use on Irrigated Land - Visual assessment	_____	_____Acre-Inches/Acre/Year_____
Inefficient Water Use on Irrigated Land - National Engineering Handbook		_____
Inefficient Water Use on Irrigated Land – Crop Quality & Quantity Measurements		_____
Inefficient Water Use on Irrigated Land – Farm Irrigation Rating Index (FIRI)		_____
Inefficient Water Use on Non-irrigated Land - Visual assessment	_____	_____Acre-Inches/Acre/Year_____
Inefficient Water Use on Non-irrigated Land – Plant or Animal Measurements		_____
Inefficient Water Use on Non-irrigated Land – Soil Moisture Test		_____
Reduced Capacity of Conveyances by Sediment Deposition - Visual assessment	_____	_____Cubic Yards_____
Reduced Capacity of Conveyances by Sediment Deposition – Client Interview		_____
Reduced Capacity of Conveyances by Sediment Deposition - National Engineering Handbook		_____
Reduced Capacity of Conveyances by Sediment Deposition – Hydrologic Models		_____
Reduced Capacity of Conveyances by Sediment Deposition – Measurements of loss of capacity		_____
Reduced Storage of Water Bodies by Sediment Accumulation - Visual assessment	_____	_____Acre-Inches/Year_____
Reduced Storage of Water Bodies by Sediment Accumulation - Depth and area measurements		_____
Reduced Storage of Water Bodies by Sediment Accumulation - National Engineering Handbook		_____
Aquifer Overdraft – Water level measurements	_____	_____Acre-Inches/Year_____
Insufficient Flows in Water Courses - Visual assessment	_____	_____
Insufficient Flows in Water Courses – Water flow records		_____
Insufficient Flows in Water Courses – Gauge Station data		_____
Insufficient Flows in Water Courses – Consumptive use/allocation water rights		_____
Insufficient Flows in Water Courses – Habitat Evaluation Guides		_____
Insufficient Flows in Water Courses – National Biology Handbook		_____

CHECKLIST OF RESOURCE PROBLEMS OR CONDITIONS

ANSWER ALL ITEMS AND DESCRIBE EACH YES ANSWER:

	Y/N	DESCRIPTION OF CONDITION
Water Quality		
Harmful Levels of Pesticides in Groundwater - WIN-PST	_____	_____
Harmful Levels of Pesticides in Groundwater – NAPRA		_____
Harmful Levels of Pesticides in Groundwater – Vadose zone and groundwater chemical sampling and assay		_____
Excessive Nutrients and Organics in Groundwater –National Engineering Handbook	_____	_____
Excessive Nutrients and Organics in Groundwater – NLEAP		_____
Excessive Nutrients and Organics in Groundwater – FARM*A*Syst		_____
Excessive Nutrients and Organics in Groundwater – Vadose zone and groundwater chemical/particle sampling and assay		_____
Excessive Salinity in Groundwater – Vadose zone and groundwater salinity sampling	_____	_____
Excessive Salinity in Groundwater – National Engineering Handbook		_____
Excessive Salinity in Groundwater – Soil salinity sampling and assay		_____
Excessive Salinity in Groundwater – Water sampling		_____
Harmful Levels of Heavy Metals in Groundwater – Vadose zone and groundwater chemical sampling and assay	_____	_____
Harmful Levels of Pathogens in Groundwater – Vadose zone and groundwater chemical sampling and assay	_____	_____
Harmful Levels of Petroleum in Groundwater – Vadose zone and groundwater chemical sampling and assay	_____	_____
Harmful Levels of Pesticides in Surface water - WIN-PST	_____	_____
Harmful Levels of Pesticides in Surface water – NAPRA		_____
Harmful Levels of Pesticides in Surface water – Surface water chemical sampling assay		_____
Excessive Nutrients and Organics in Surface Water – WIN-PST	_____	_____
Excessive Nutrients and Organics in Surface Water –NAPRA		_____
Excessive Nutrients and Organics in Surface Water – surface water chemical sampling assay		_____
Excessive Suspended Sediment and Turbidity in Surface Water- SVAP	_____	_____
Excessive Suspended Sediment and Turbidity in Surface Water- Visual assessment		_____
Excessive Suspended Sediment and Turbidity in Surface Water- Client interview		_____
Excessive Suspended Sediment and Turbidity in Surface Water- Water Quality Indicators Guide – Surface Waters, sheets 1A and B		_____
Excessive Suspended Sediment and Turbidity in Surface Water- Surface water chemical/particle sampling and assay		_____
Excessive Salinity in the Surface Water- SVAP	_____	_____

CHECKLIST OF RESOURCE PROBLEMS OR CONDITIONS

ANSWER ALL ITEMS AND DESCRIBE EACH YES ANSWER:

	Y/N	DESCRIPTION OF CONDITION
Harmful Levels of Heavy Metals in Surface Water- Surface water chemical sampling and assay	_____	_____
Harmful Temperatures of Surface Water - SVAP	_____	_____
Harmful Temperatures of Surface Water – HSI model for target species		_____
Harmful Temperatures of Surface Water – Surface water temperature sampling and assay		_____
Harmful Levels of Pathogens in Surface Water – Surface water pathogen sampling and assay	_____	_____
Harmful Levels of Petroleum in Surface Water – Surface water chemical sampling and assay	_____	_____
Air Quality		
Particulate matter less than 10 micrometers in diameter (PM-10) Specific guidelines contained in State or Federal Implementation Plan	_____	_____Pounds/Year_____
Particulate matter less than 10 micrometers in diameter (PM-10) - Air Quality analysis		_____
Particulate matter less than 10 micrometers in diameter (PM-10) - Onsite observation, local regulations, criteria or other approved NRCS tools		_____
Particulate matter less than 2.5 micrometers in diameter (PM-12.5) Specific guidelines contained in State or Federal Implementation Plan	_____	_____Pounds/Year_____
Particulate matter less than 2.5 micrometers in diameter (PM-12.5) Onsite observation, local regulations, criteria or other approved NRCS tools		_____
Excessive Ozone – Specific guidelines contained in State or Federal Implementation Plan	_____	_____Pounds/Year_____
Excessive Ozone – Onsite observation, local regulations, criteria, or other approved NRCS tools		_____
Excessive Greenhouse Gas – CO_2 – Model simulations	_____	_____
Excessive Greenhouse Gas – CO_2 – Sampling for soil carbon		_____
Excessive Greenhouse Gas – CO_2 – Other NRCS approved tools		_____
Excessive Greenhouse Gas – N_20 – Model simulations	_____	_____
Excessive Greenhouse Gas – N_20 – Other NRCS approved tools		_____
Excessive Greenhouse Gas – CH_4 – IPCC methodology	_____	_____
Excessive Greenhouse Gas – CH_4 – Other NRCS approved tools		_____
Ammonia (NH_3) – Approved NRCS technical guidance and tools	_____	_____Pounds/Year_____
Chemical Drift - Approved NRCS technical guidance and tools	_____	_____

CHECKLIST OF RESOURCE PROBLEMS OR CONDITIONS

ANSWER ALL ITEMS AND DESCRIBE EACH YES ANSWER:

	Y/N	DESCRIPTION OF CONDITION
Objectionable Odors – Olfactory assessment	_____	_____
Objectionable Odors – Agricultural Waste Management Field Handbook (AWMFH)		_____
Objectionable Odors – NRCS approved tools		_____
Reduced Visibility – Visual assessment	_____	_____
Reduced Visibility – Regional air partnership recommendations and/or state guidance for smoke management		_____
Undesirable Air Movement – Visual assessment	_____	_____
Undesirable Air Movement – Anemometers		_____
Undesirable Air Movement – Approved NRCS technical guidance and tools		_____
Adverse Air Temperature – Chill factor indices, heat indices	_____	_____
Adverse Air Temperature – Air temperature assessment		_____
Plants		
Plants Not Adapted or Suited – On-site investigation & records	_____	_____
Plants Not Adapted or Suited – Forage Suitability Groups		_____
Plants Not Adapted or Suited – Pasture Condition Scoring		_____
Plants Not Adapted or Suited – Client interview		_____
Plants Not Adapted or Suited – PLANTS database		_____
Plants Not Adapted or Suited – Vegetative Guide		_____
Plants Not Adapted or Suited – Plant hardiness zone map		_____
Plants Not Adapted or Suited – Poil pH, drainage class, SAR, EC suitability ranges		_____
Plants Not Adapted or Suited – Soil interpretations – Section IV		_____
Plants Not Adapted or Suited – Local agronomy guides		_____
Plants Not Adapted or Suited – University Extension Service information		_____
Plants Not Adapted or Suited – Soil survey manuscripts		_____
Plants Not Adapted or Suited – Ecological Site Descriptions (ESD)		_____
Plants Not Adapted or Suited – Conservation Tree and Shrub Groups (CTSG)		_____
Plants Not Adapted or Suited – Silvics of North American Trees		_____
Plants Not Adapted or Suited – NRCS Discipline Manuals/Handbooks		_____
Plants Not Adapted or Suited –Field Planting Evaluations		_____
Plant Condition		
Productivity, Health and Vigor– Local agronomy guides	_____	_____
Productivity, Health and Vigor – Client interview		_____
Productivity, Health and Vigor – Crop scouting		_____
Productivity, Health and Vigor – Plant tissue & harvest analysis		_____
Plants Not Adapted or Suited – NRCS Discipline Manuals/Handbooks		_____
Productivity, Health and Vigor – Ecological Site Descriptions (ESD)		_____
Productivity, Health and Vigor – Rangeland Similarity Index Worksheet		_____
Productivity, Health and Vigor – Rising Plate Meter		_____
Productivity, Health and Vigor - Forage Suitability Groups		_____
Productivity, Health and Vigor – Electronic probe calibrated for the forage mixture, or a clip and weigh sampling procedure		_____
Productivity, Health and Vigor – Plot sampling of the understory vegetation		_____

CHECKLIST OF RESOURCE PROBLEMS OR CONDITIONS

ANSWER ALL ITEMS AND DESCRIBE EACH YES ANSWER:

	Y/N	DESCRIPTION OF CONDITION
Productivity, Health and Vigor – Soil survey reports		
Productivity, Health and Vigor – Soil testing		
Productivity, Health and Vigor – Crop/soil yield comparison in the vicinity		
Productivity, Health and Vigor – Pasture Condition Scoring		
Productivity, Health and Vigor – Keys for disease and insect symptoms		
Productivity, Health and Vigor – Keys for nutrient deficiencies, toxicities, and other conditions		
Productivity, Health and Vigor – Rangeland Health Assessment		
Productivity, Health and Vigor – Stocking rate of desired species		
Productivity, Health and Vigor – Stocking measurement for the tree stands		
Productivity, Health and Vigor – Vegetative Guide		
Productivity, Health and Vigor – Conservation Tree and Shrub Groups (CTSG)		
Threatened or Endangered Plant Species: Plant Species Listed or Proposed for Listing under the Endangered Species Act – Client Interview		
Threatened or Endangered Plant Species: Plant Species Listed or Proposed for Listing under the Endangered Species Act – Inventory site		
Threatened or Endangered Plant Species: Plant Species Listed or Proposed for Listing under the Endangered Species Act – GM 190, Part 410		
Threatened or Endangered Plant Species: Plant Species Listed or Proposed for Listing under the Endangered Species Act – Federal and State endangered species Rules and regulations		
Threatened or Endangered Plant Species: Plant Species Listed or Proposed for Listing under the Endangered Species Act – Consultation with appropriate federal, State and local agencies/groups		
Threatened or Endangered Plant Species: Plant Species Listed or Proposed for Listing under the Endangered Species Act – PLANTS Website		
Threatened or Endangered Plant Species, Declining Species, Species of Concern – Client Interview		
Threatened or Endangered Plant Species, Declining Species, Species of Concern – Inventory site		
Threatened or Endangered Plant Species, Declining Species, Species of Concern – GM 190, Part 410		
Threatened or Endangered Plant Species, Declining Species, Species of Concern – Federal and State endangered species Rules and regulations		
Threatened or Endangered Plant Species, Declining Species, Species of Concern – Consultation with appropriate federal, State and local agencies/groups		
Threatened or Endangered Plant Species, Declining Species, Species of Concern – PLANTS Website		
Noxious and Invasive Plants - Client Interview		
Noxious and Invasive Plants – Inventory site		
Noxious and Invasive Plants – Consult weed management areas		
Noxious and Invasive Plants – Consultation with appropriate federal, state and local agencies/groups		
Noxious and Invasive Plants – State or local noxious weed list		
Noxious and Invasive Plants – PLANTS Website		
Noxious and Invasive Plants – Field Planting Evaluations		
Noxious and Invasive Plants – Vegetative Guide		

CHECKLIST OF RESOURCE PROBLEMS OR CONDITIONS

ANSWER ALL ITEMS AND DESCRIBE EACH YES ANSWER:

	Y/N	DESCRIPTION OF CONDITION
Forage Quality and Palatability – NIRS Forage Quality Analysis (NUTBAL)	_____	_____
Forage Quality and Palatability – Plant tissue analysis		_____
Wildfire Hazard – Visual assessment protocols	_____	_____Acres/Year_____
Wildfire Hazard – Site & flammable biomass inventories		_____
Wildfire Hazard – Aerial photo analysis		_____
Animals		
Fish and Wildlife - Inadequate Food – Visual assessment	_____	_____
Fish and Wildlife - Inadequate Food – Inventory of food species		_____
Fish and Wildlife - Inadequate Food – Aerial photo analysis		_____
Fish and Wildlife - Inadequate Food – State adapted Wildlife Habitat Evaluation Guide		_____
Fish and Wildlife - Inadequate Food – National Biology Handbook		_____
Fish and Wildlife - Inadequate Food – Client Interviews		_____
Fish and Wildlife - Inadequate Cover/Shelter – Visual assessment	_____	_____
Fish and Wildlife - Inadequate Cover/Shelter – Inventory of cover/shelter		_____
Fish and Wildlife - Inadequate Cover/Shelter - Aerial photo analysis		_____
Fish and Wildlife - Inadequate Cover/Shelter– State adapted Wildlife Habitat Evaluation Guide		_____
Fish and Wildlife - Inadequate Cover/Shelter– National Biology Handbook		_____
Fish and Wildlife - Inadequate Cover/Shelter – Client Interviews		_____
Fish and Wildlife - Inadequate Water – Surface water dissolved oxygen sampling & assay	_____	_____
Fish and Wildlife - Inadequate Water – Stream Visual Assessment Protocol		_____
Fish and Wildlife - Inadequate Water - Habitat Suitability Index – Model for target species		_____
Fish and Wildlife - Inadequate Water – Inventory of water supplies		_____
Fish and Wildlife - Inadequate Water – Aerial photo analysis		_____
Fish and Wildlife - Inadequate Water – State Adapted Wildlife Habitat Evaluation Guide		_____
Fish and Wildlife - Inadequate Water – National Biology Handbook		_____
Fish and Wildlife - Inadequate Water – Client Interviews		_____
Fish and Wildlife - Inadequate Space – Visual Assessment	_____	_____
Fish and Wildlife - Inadequate Space – Stream Visual Assessment Protocol		_____
Fish and Wildlife - Inadequate Space – Inventory of space/areas		_____
Fish and Wildlife - Inadequate Space – Air photo analysis		_____
Fish and Wildlife - Inadequate Space – State Adapted Wildlife Habitat Evaluation Guide		_____
Fish and Wildlife - Inadequate Space – National Biology Handbook		_____
Fish and Wildlife - Inadequate Space – Client Interviews		_____
Fish and Wildlife - Habitat Fragmentation – Stream Visual Assessment Protocol	_____	_____
Fish and Wildlife - Habitat Fragmentation – Aquatic & terrestrial habitat evaluation procedures		_____
Fish and Wildlife - Habitat Fragmentation – Wildlife Habitat Evaluation Guide (WHEG)		_____
Fish and Wildlife - Habitat Fragmentation – Client interviews		_____

CHECKLIST OF RESOURCE PROBLEMS OR CONDITIONS

ANSWER ALL ITEMS AND DESCRIBE EACH YES ANSWER:

	Y/N	DESCRIPTION OF CONDITION
Fish and Wildlife - Imbalance Among & Within Populations – Fish and Wildlife agency guidance and protocols	_____	_____
Fish and Wildlife - Imbalance Among & Within Populations – Client Interviews		_____
Fish and Wildlife - Imbalance Among & Within Populations – Management Hi story		_____
Fish and Wildlife - Imbalance Among & Within Populations - Resource Inventory		_____
Fish and Wildlife - Imbalance Among & Within Populations – Habitat Evaluation		_____
Fish and Wildlife - Imbalance Among & Within Populations– National Biology Manual		_____
Fish and Wildlife - Threatened & Endangered Fish and Wildlife Species – Fish and Wildlife Species Listed or Proposed for Listing under the Endangered Species Act - Client Interviews	_____	_____
Fish and Wildlife - Threatened & Endangered Fish and Wildlife Species – Fish and Wildlife Species Listed or Proposed for Listing under the Endangered Species Act — CADFG - Rarefind		_____
Fish and Wildlife - Threatened & Endangered Fish and Wildlife Species – Fish and Wildlife Species Listed or Proposed for Listing under the Endangered Species Act – General Manual 190, Part 410		_____
Fish and Wildlife - Threatened & Endangered Fish and Wildlife Species – Fish and Wildlife Species Listed or Proposed for Listing under the Endangered Species Act – Fish & Wildlife recovery plans		_____
Fish and Wildlife - Threatened & Endangered Fish and Wildlife Species – Fish and Wildlife Species Listed or Proposed for Listing under the Endangered Species Act – Federal & State endangered species rules and regulations		_____
Fish and Wildlife - Threatened & Endangered Fish and Wildlife Species – Fish and Wildlife Species Listed or Proposed for Listing under the Endangered Species Act – Consultation with appropriate federal, state, and local agencies/groups		_____
Fish and Wildlife - Threatened & Endangered Fish and Wildlife Species – Fish and Wildlife Species Listed or Proposed for Listing under the Endangered Species Act – CA Fish and Game and USF&WS web sites		_____
Fish and Wildlife - Threatened & Endangered Fish and Wildlife Species – Fish and Wildlife Species Listed or Proposed for Listing under the Endangered Species Act – Field identification		_____
Domestic Animals - Inadequate Quantities & Quality of Feed and Forage - Measured inventory	_____	_____
Domestic Animals - Inadequate Quantities & Quality of Feed and Forage- National Range & Pasture Handbook		_____
Domestic Animals - Inadequate Quantities & Quality of Feed and Forage- GLA software		_____
Domestic Animals - Inadequate Quantities & Quality of Feed and Forage- Nutritional Balance Program (NUTBAL)		_____
Domestic Animals - Inadequate Quantities & Quality of Feed and Forage- NIRS – NUTBAL Pro		_____
Domestic Animals - Inadequate Quantities & Quality of Feed and Forage- Forage quality lab analysis		_____
Domestic Animals - Inadequate Quantities & Quality of Feed and Forage- Other state adopted forage/livestock management software and job sheets		_____
Domestic Animals - Inadequate Quantities & Quality of Feed and Forage- GLCI Grazing Recordbook (Body Condition Score) Cattle BCS≥4, Sheep BCS≥3		_____

CHECKLIST OF RESOURCE PROBLEMS OR CONDITIONS

ANSWER ALL ITEMS AND DESCRIBE EACH YES ANSWER:

	Y/N	DESCRIPTION OF CONDITION
Domestic Animals - Inadequate Quantities & Quality of Feed and Forage - Client Interviews		
Domestic Animals - Inadequate Quantities & Quality of Feed and Forage - Visual inspection of animals		
Domestic Animals - Inadequate Shelter - Visual assessment		
Domestic Animals - Inadequate Shelter - Inventory of facilities and their capacities		
Domestic Animals - Inadequate Shelter - Aerial photo analysis		
Domestic Animals - Inadequate Shelter - National Range and Pasture Handbook		
Domestic Animals - Inadequate Shelter - Client Interviews		
Domestic Animals - Inadequate Stock Water – Visual assessment of quantity and/or quality of water facilities		
Domestic Animals - Inadequate Stock Water – Visual inspection of soil and vegetative conditions at water facilities		
Domestic Animals - Inadequate Stock Water – Inventory of distribution needs		
Domestic Animals - Inadequate Stock Water – Aerial photo analysis		
Domestic Animals - Inadequate Stock Water – National Range and Pasture Handbook		
Domestic Animals - Inadequate Stock Water – Client interviews		
Domestic Animals - Inadequate Stock Water – Water quality analysis		
Domestic Animals - Inadequate Stock Water – FOTG Section IV Standards		
Domestic Animals - Stress and Mortality- Animal health/mortality alerts		
Domestic Animals - Stress and Mortality- State and local biosecurity protocols		
Domestic Animals - Stress and Mortality- State and local standards for animal disposal		
Domestic Animals - Stress and Mortality- Client Interviews		
Domestic Animals - Stress and Mortality- Visual inspection of animals		
Domestic Animals - Stress and Mortality- GLCI Grazing Recordbook- BCS (Body Condition Score)		

Human Considerations

Land – All changes in land use, land taken out of production or land brought into production should be identified

Capital – All additional expenses and income resulting from conservation activities should be identified

Labor – Changes to the labor requirements from managing/implementing conservation practices should be identified

Management Level – The management level is measured in qualitative units of skill level

CHECKLIST OF RESOURCE PROBLEMS OR CONDITIONS

ANSWER ALL ITEMS AND DESCRIBE EACH YES ANSWER:

Y/N DESCRIPTION OF CONDITION

Risk – Inform decision maker of changes in risk associated with implementation of the conservation plan

Profitability – Where possible, provide benefit and cost information to the decision maker

Cultural Resources –NRCS identifies and protects cultural resources early in the planning and environmental evaluation process for all assistance activities classified as an undertaking

Civil Rights Impacts – Analysis should be properly documented to clearly show that agency actions, which if implemented will not result in denial or reduced program benefits, or any form of discrimination against any clientele group

Environmental Justice – EJ principles must be incorporated into all. Determinations of whether a particular program or activity raises an environmental justice issue depends an evaluation of all circumstances. NRCS should consider whether the adverse effect is appreciably more severe or greater in magnitude than the adverse effect that would be suffered by the non-minority population and/or non-low-income-population

Social Assessment – Social analysis provides the planner with knowledge about individual landowners and community concerns, issues, and needs. With this information, the planner can prepare a plan that complies with USDA CR and EJ policies and meets the needs of both the natural resources base and the local landowners and residents

Food Safety - Planners should assess irrigation water source and quality, livestock exclusion from fields and water sources, the proximity of wildlife and wildlife trails through the area, the timing and use of applications of unincorporated and incorporated manure and composted manure, possible cropping and grazing limitations post-harvest, and to the extent possible, post-harvest handling of products.

Other Concerns/Remarks: