# Resource Concerns Checklist

Client _____ Land Units _____

Location _____ ☑ Land Uses ☐Crop ☐Pasture ☐Range ☐Forest ☐Farmstead ☐Assoc Ag Land ☐Designated Protected Area ☐Developed Land ☐Water ☐Other Rural Land

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 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% | ☐ | ☐ | Water erosion rate ≤ T | ☐ | ☐ | ☐ | ☐ | |
| | | Wind | | | | Wind erosion rate ≤ T | ☐ | ☐ | ☐ | ☐ | |
| | • Forest* | Sheet & Rill | Soil surface organic residue cover > 80% | ☐ | ☐ | Site is stable and without visible signs of erosion | ☐ | ☐ | ☐ | ☐ | |
| | | Wind | | | | | | | | | |
| | • Range* | Sheet & Rill | Meets State established criteria. | ☐ | ☐ | RHA - soil site stability - slight to moderate or less OR Rangeland Planned Trend is positive | ☐ | ☐ | ☐ | ☐ | |
| | | Wind | | | | | | | | | |
| SOIL EROSION – Concentrated flow erosion | • Crop* | Ephemeral gullies | Ephemeral gullies are not occuring | ☐ | ☐ | Conservation practices and managements are in place to prevent or control ephemeral gullies | ☐ | ☐ | ☐ | ☐ | |
| | | Classic gullies | Classic gullies are not present | ☐ | ☐ | 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 | ☐ | ☐ | ☐ | ☐ | |
| | • Forest* • Farmsteads* • Pasture* • Range* • Developed Land* • Associated Ag Land* • Designated Protected Area* • Other Rural Land* | Classic gullies | Classic gullies are not present | ☐ | ☐ | 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 | ☐ | ☐ | ☐ | ☐ | |
| 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 | ☐ | ☐ | 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 | ☐ | ☐ | ☐ | ☐ | |
| | • Pasture* | | | ☐ | ☐ | Bank erosion is beyond the client's control or commensurate with normal geomorphological processes AND PCS - streambank / shoreline erosion element score ≥ 4 | ☐ | ☐ | ☐ | ☐ | |
| 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 | ☐ | ☐ | Subsidence is adequately managed to meet client's objectives | ☐ | ☐ | ☐ | ☐ | |
| SOIL QUALITY DEGRADATION – Compaction | • Crop • Forest • Associated Ag Land • Designated Protected Area • Other Rural Land | | Soil compaction is not a problem AND Activities do not cause soil compaction problems | ☐ | ☐ | Compaction is managed to meet Client's production and management objectives | ☐ | ☐ | ☐ | ☐ | |
| | • Pasture | | | ☐ | ☐ | PCS – compaction element score ≥ 4 | ☐ | ☐ | ☐ | ☐ | |
| | • Range | | | ☐ | ☐ | RHA - soil site stability - slight to moderate or less OR Compaction is managed to meet Client's production and management objectives | ☐ | ☐ | ☐ | ☐ | |

Planner_____Date_____

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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 QUALITY DEGRADATION – Organic matter depletion | • Crop* | | Permanent ground cover > 80% | ☐ | ☐ | SCI > 0 | ☐ | ☐ | ☐ | ☐ | |
| | • Pasture | | | ☐ | ☐ | SCI > 0<br>OR<br>[PCS - plant cover element score ≥ 4 AND PCS - plant residue element score ≥ 4 ] | ☐ | ☐ | ☐ | ☐ | |
| | • Range | | Soil organic matter depletion is not a problem<br>AND | ☐ | ☐ | [RHA - soil site stability slight to moderate or less AND RHA – biotic integrity attribute rating slight to moderate departure or less]<br>OR<br>Rangeland Planned Trend positive | ☐ | ☐ | ☐ | ☐ | |
| | • Forest | | Activities do not cause soil organic matter depletion | ☐ | ☐ | Ground cover meets state criteria specific to ecological site<br>OR<br>Soil organic matter is managed to meet Client objectives | ☐ | ☐ | ☐ | ☐ | |
| SOIL QUALITY DEGRADATION – Concentration of salts or other chemicals | • Crop<br>• Pasture<br>• Range<br>• Associated Ag Land<br>• Farmsteads | | Activities do not cause salinity/sodicity problems | ☐ | ☐ | Conservation practices and managements are in place to mitigate on-site effects | ☐ | ☐ | ☐ | ☐ | |
| EXCESS WATER – Ponding, flooding, seasonal high water table, seeps, and drifted snow | • Crop<br>• Forest<br>• Farmsteads<br>• Pasture<br>• Range<br>• Developed Land<br>• Associated Ag Land<br>• Designated Protected Area<br>• Other Rural Land | Ponding and Flooding | Ponding or flooding not a problem<br>AND<br>Activities do not cause ponding/flooding problems | ☐ | ☐ | Excess water is managed to meet Client's objectives | ☐ | ☐ | ☐ | ☐ | |
| | | Seasonal High Water Table | Seasonal high water table does not cause a problem | ☐ | ☐ | | ☐ | ☐ | ☐ | ☐ | |
| | | Seeps | Excess water from seeps does not cause a problem | ☐ | ☐ | | ☐ | ☐ | ☐ | ☐ | |
| | | Drifted Snow | Drifted snow does not cause a problem | ☐ | ☐ | | ☐ | ☐ | ☐ | ☐ | |
| INSUFFICIENT WATER – Inefficient moisture management | • Crop<br>• Developed Land<br>• Forest<br>• Associated Ag Land<br>• Designated Protected Area | | Moisture management is not a problem<br>AND<br>Activities do not cause inefficient moisture management problems | ☐ | ☐ | Runoff and evapotranspiration levels are minimized to meet Client's management objectives | ☐ | ☐ | ☐ | ☐ | |
| | • Range* | | | ☐ | ☐ | RHA - hydrologic function attributes slight to moderate or less | ☐ | ☐ | ☐ | ☐ | |
| | • Pasture | | | ☐ | ☐ | PCS – compaction element score ≥ 4<br>AND<br>PCS - plant cover element score ≥ 4 | ☐ | ☐ | ☐ | ☐ | |
| INSUFFICIENT WATER – Inefficient use of irrigation water | • All* | | PLU is not irrigated | ☐ | ☐ | The irrigation system components and management meet state specific efficiency criteria | ☐ | ☐ | ☐ | ☐ | |

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| 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 | ☐ | ☐ | 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 | ☐ | ☐ | ☐ | ☐ | |
| | | Excess nutrients in groundwater | | ☐ | ☐ | 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 | ☐ | ☐ | ☐ | ☐ | |
| | • Pasture* | Excess nutrients in surface water | | | | PCS - streambank / shoreline erosion element score ≥ 4 AND PCS - livestock concentration areas element score ≥ 4 AND Nutrients are applied and based on a soil test, tissue tests or nutrient budget | ☐ | ☐ | ☐ | ☐ | |
| | | Excess nutrients in groundwater | | | | | | | | | |
| | • Developed Land | Excess nutrients in surface water | Organic or inorganic nutrients are not applied | ☐ | ☐ | 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 | ☐ | ☐ | ☐ | ☐ | |
| | | 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 | ☐ | ☐ | ☐ | ☐ | |
| | • 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 AND There are no confined livestock areas | ☐ | ☐ | 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 | ☐ | ☐ | ☐ | ☐ | |
| | | 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 | ☐ | ☐ | ☐ | ☐ | |
| | • 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 | ☐ | ☐ | 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 | ☐ | ☐ | ☐ | ☐ | |
| | | 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 | ☐ | ☐ | ☐ | ☐ | |
| WATER QUALITY DEGRADATION: Pesticides transported to surface and ground waters | • All | Pesticides transported to surface water | Pest control chemicals are not applied | ☐ | ☐ | 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 | ☐ | ☐ | ☐ | ☐ | |
| | | Pesticides transported to groundwater | Pest control chemicals are not applied | ☐ | ☐ | 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 | ☐ | ☐ | ☐ | ☐ | |

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| WATER QUALITY DEGRADATION – Excess pathogens and chemicals from manure, bio-solids or compost applications | • Crop* • Farmsteads*<br>• Forest<br>• Developed Land<br>• Associated Ag Land<br>• Other Rural Land<br>• Designated Protected Area<br>• Water<br>• Pasture* • Range | 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 | ☐ | ☐ | Organic materials are applied, stored, and/or handled to mitigate negative impacts to surface water sources | ☐ | ☐ | ☐ | ☐ | |
| | | 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 | ☐ | ☐ | Organic materials are applied, stored, and/or handled to mitigate negative impacts to groundwater sources | ☐ | ☐ | ☐ | ☐ | |
| WATER QUALITY DEGRADATION – Excessive salts in surface and ground waters | • All | Excessive salts in surface water | Excess salt is not a problem<br>AND<br>Activities do not contribute to excess salt problem | ☐ | ☐ | Salt concentrations are managed to mitigate off-site transport to surface waters | ☐ | ☐ | ☐ | ☐ | |
| | | Excessive salts in groundwater | | ☐ | ☐ | Salt concentrations are managed to mitigate off-site transport to groundwater | ☐ | ☐ | ☐ | ☐ | |
| 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 | ☐ | ☐ | Petroleum, heavy metals or other potential pollutants are stored and handled to avoid runoff to surface water | ☐ | ☐ | ☐ | ☐ | |
| | | Petroleum, heavy metals, and other pollutants transported to groundwater | Activities do not present the potential for contamination by petroleum, heavy metals and other pollutants | ☐ | ☐ | Petroleum, heavy metals or other potential pollutants are stored and handled to avoid leaching to groundwater | ☐ | ☐ | ☐ | ☐ | |
| WATER QUALITY DEGRADATION – Excessive sediment in surface waters | • Crop*<br>• Developed Land*<br>• Farmsteads*<br>• Other Rural Land<br>• Associated Ag Land<br>• Designated Protected Area<br>• Water<br>• Pasture* | | Permanent ground cover > 90%<br>and slope < 10%<br>AND<br>Classic gullies are not present<br>AND<br>Streams or shoreline are not on or adjacent to site | ☐ | ☐ | Upslope treatment and buffer practices address concentrated flows to water bodies<br>AND<br>SVAP2 - bank condition ≥ 5<br>AND<br>Livestock and vehicle water crossings are stable<br>AND<br>Water erosion rate ≤ T<br>AND<br>Wind erosion rate ≤ T | ☐ | ☐ | ☐ | ☐ | |
| | • Forest* | | There are no untreated sources of erosion<br>AND<br>Streams or shoreline are not on or adjacent to site | ☐ | ☐ | Upslope treatment and buffer practices address concentrated flows to water bodies<br>AND<br>Heavy use areas are stable<br>AND<br>SVAP2 - bank condition ≥ 5 | ☐ | ☐ | ☐ | ☐ | |
| | • Range* | | | ☐ | ☐ | RHA - hydrologic function attribute - slight to moderate or less<br>AND<br>SVAP2 - bank condition ≥ 5 | ☐ | ☐ | ☐ | ☐ | |
| 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<br>OR<br>Water course temperature is not a client concern | ☐ | ☐ | [SVAP2 - riparian area quality element score ≥ 5<br>AND<br>SVAP2 - riparian area quantity quality element score ≥ 5<br>AND<br>SVAP2 - canopy cover element score ≥ 6 ]<br>OR<br>Existing conservation practices are in place to address water temperature | ☐ | ☐ | ☐ | ☐ | |

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| DEGRADED PLANT CONDITION – Undesirable plant productivity and health | • Crop<br>• Farmsteads<br>• Developed Land<br>• Designated Protected Area<br>• Associated Ag Land<br>• Other Rural Land | | Plant production and health is not a client concern | ☐ | ☐ | Plants are adapted to the site, meet production goals and do not negatively impact other resources<br>AND<br>Plant damage from wind erosion is below Crop Damage Tolerance levels | ☐ | ☐ | ☐ | ☐ | |
| | • Range* | | | | | Vegetation meet similarity index or range condition score of 60 or greater for desired plant community and has a positive trend<br>OR<br>RHA – biotic integrity attribute rating - slight to moderate departure or less | ☐ | ☐ | ☐ | ☐ | |
| | • Pasture* | | | | | PCS - 30 or above<br>AND<br>Plants are adapted to the site, meet production goals and do not negatively impact other resources | ☐ | ☐ | ☐ | ☐ | |
| | • Forest | | Plant production and health is not a client concern | ☐ | ☐ | Forest species are adapted to site<br>AND<br>Composition and stand density meets the Client's objectives and production goals | ☐ | ☐ | ☐ | ☐ | |
| DEGRADED PLANT CONDITION – Inadequate structure and composition | • Forest<br>• Designated Protected Area<br>• Associated Ag Land<br>• Water<br>• Pasture | | Plant communities support the intended land use and desired ecological functions | ☐ | ☐ | Plant communities contain adequate diversity, composition and structure to support desired ecological functions | ☐ | ☐ | ☐ | ☐ | |
| | • Range* | | Plant communities support the intended land use and desired ecological functions | ☐ | ☐ | Plant communities contain adequate diversity, composition and structure to support desired ecological functions<br>OR<br>RHA – biotic integrity attribute rating slight to moderate departure or less<br>OR<br>Vegetation meet similarity index of 60 or greater for desired plant community and has a positive trend | ☐ | ☐ | ☐ | ☐ | |
| DEGRADED PLANT CONDITION – Excessive plant pest pressure | • Crop • Forest*<br>• Farmsteads • Range*<br>• Developed Land<br>• Associated Ag Land<br>• Designated Protected Area<br>• Water • Other Rural Land | | Plant productivity is not limited from pest pressure | ☐ | ☐ | Pest damage to plants are below economic or environmental thresholds or client-identified criteria<br>AND<br>Plant pests, including noxious and invasive species are managed to meet client objectives | ☐ | ☐ | ☐ | ☐ | |
| | • Pasture* | | Plant productivity is not limited from pest pressure | ☐ | ☐ | PCS - insect and disease pressure element score ≥ 4<br>AND<br>PCS - site adaptation element score ≥ 4 | ☐ | ☐ | ☐ | ☐ | |
| DEGRADED PLANT CONDITION– Wildfire hazard, excessive biomass accumulation | • All | | Wildfire hazard is not a concern | ☐ | ☐ | Fuel loads and fuel ladders are managed to provide defensible space and meet client objectives | ☐ | ☐ | ☐ | ☐ | |

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

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| INEFFICIENT ENERGY USE – Equipment and facilities | • All | | Client is not interested in improving equipment and facilities energy efficiency | ☐ | ☐ | A USDA approved energy audit been implemented that address equipment and facilities to meet client objectives<br>OR<br>On-farm renewable energy and/or energy conserving practices have been implemented to meet client objectives | ☐ | ☐ | ☐ | ☐ | |
| INEFFICIENT ENERGY USE – Farming/ranching practices and field operations | • All | | Client is not interested in improving energy use in farm and ranch field operations | ☐ | ☐ | A USDA approved energy audit been implemented that address field operations to meet client objectives<br>OR<br>On-farm renewable energy and/or energy conserving practices have been implemented to meet client objectives | ☐ | ☐ | ☐ | ☐ | |
| AIR QUALITY IMPACTS - Emissions of Particulate Matter - PM - and PM Precursors | • Crop<br>• Pasture<br>• Range<br>• Forest<br>• Other Rural Land<br>• Associated Ag Land<br>• Designated Protected Areas<br>• Developed Land<br>• 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)<br>AND<br>Episodes or complaints of emissions of PM (dust, smoke, exhaust, etc.), or chemical drift have not occurred | ☐ | ☐ | PM and PM Precursor emissions are managed to meet client objectives | ☐ | ☐ | ☐ | ☐ | |
| 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<br>AND<br>GHGs are not regulated in this planning area | ☐ | ☐ | Greenhouse gas emissions are managed to meet client objectives | ☐ | ☐ | ☐ | ☐ | |
| 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) | ☐ | ☐ | Ozone precursor emissions are managed to meet client objectives | ☐ | ☐ | ☐ | ☐ | |
| AIR QUALITY IMPACTS - Objectionable odors | • Crop<br>• Pasture<br>• Farmsteads<br>• 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<br>AND<br>Odor sources are not regulated in this planning area<br>AND<br>Episodes or complaints of odor nuisance have not occurred | ☐ | ☐ | Odors are managed to meet client objectives | ☐ | ☐ | ☐ | ☐ | |

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.

| Resource Concern | Crop | Pasture | Range | Forest | Farmstead | Assoc Ag Land | Designated Protected Area | Developed Land | Water | Other Rural Land |
|---|---|---|---|---|---|---|---|---|---|---|
| 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: