

## National Priorities Addressed

### Issue Questions

If the application is for development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and conservation benefit by answering "Yes" to the following question. Answering "Yes" to question 1a will result in the

1. a. Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is "Yes", do not answer any other national level questions. If answer is "No", proceed with evaluation to address the remaining

Water Quality Degradation – Will the proposed project improve water quality by: (select all that apply)

2. a. Implementing the practices in a Comprehensive Nutrient Management Plan (CNMP)?  
 2. b. Implementing the practices in a Nutrient Management Plan (NMP)?  
 2. c. Reducing impacts from sediment, nutrients, salinity, or pesticides on land adjoining a designated "impaired water"  
 2. d. Reducing the impacts from sediment, nutrients, salinity, or pesticides in a "non-impaired water body"?  
 2. e. Implementing practices that improve water quality through animal mortality and carcass management?

Water Conservation – Will the proposed project conserve water by: (select all that apply)

3. a. Implementing irrigation practices that reduce aquifer overdraft.  
 3. b. Implementing irrigation practices that reduce on-farm water use?  
 3. c. Implementing practices in an area where the applicant participates in a geographically established or watershed-wide  
 3. d. Implementing practices that reduce on-farm water use as a result of changing to crops with lower water consumptive

Air Quality - Will the proposed project improve air quality by: (select all that apply)

4. a. Meeting on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory  
 4. b. Implementing practices that reduce on-farm emissions of particulate matter (PM2.5, PM10)?  
 4. c. Implementing practices that reduce on-farm generated greenhouse gases such as carbon dioxide (CO2), methane  
 4. d. Implementing practices that increase on-farm carbon sequestration?

Soil Health:– Will the proposed project improve soil health by: (select all that apply)

5. a. Reduce erosion to tolerable limits (Soil "T")?  
 5. b. Increasing organic matter and carbon content, and improving soil tilth and structure?

Wildlife Habitat – Will the proposed project improve wildlife habitat by: (select all that apply)

6. a. Implementing practices benefitting threatened and endangered, at-risk, candidate, or species of concern.  
 6. b. Implementing practices that retain wildlife and plant habitat on land exiting the Conservation Reserve Program  
 6. c. Implementing practices benefitting honey bee populations or other pollinators?  
 6. d. Implementing land-based practices that improve habitat for aquatic wildlife?

Plant and Animal Communities: Will the proposed project improve plant and animal communities by: (select all that apply)

7. a. Implementing practices that result in the management control of noxious or invasive plant species on non-cropland?  
 7. b. Implementing practice in an Integrated Pest Management Plan (IPM)?

Energy Conservation– Will the proposed project reduce energy use by: (select all that apply)

8. a. Reducing on-farm energy consumption?  
 8. b. Implementing practice(s) identified in an approved AgEMP or energy audit, which meet ASABE S612 criteria?

Business Lines – Will the practices to be scheduled in the "EQIP Plan of Operations" result in:

9. a. Enhancement of existing conservation practice(s) or conservation systems already in place at the time the

## State Issues Addressed

### Issue Questions

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1. a. Is the program application for the development of a TSP-prepared CAP? If the answer is "Yes" do not answer any other State-level questions. If the answer is "No" proceed with evaluation to address the remaining questions in this

Water Quality - EPA Watersheds:

2. a. Does the application include core conservation practices that will be implemented within 1/4 mile of a stream or water body that is threatened (i.e. receives significant runoff of excess nitrogen and/or phosphorus) and on the EPA

Geographic Impacts:
3. Do more than 75 percent of the acres treated meet both of the following criteria? i. Located within a NWQI watershed
Collaborative Efforts:
4. a. Are core conservation practices planned for the applicant's treated acres within an existing non-USDA water quality
Efforts to address watershed impairments:
5. a. Does this program application include the implementation of a system of conservation practices which address the
High Risk Soils:
6. a. Are the core conservation practices to be implemented on offered acres with a majority of soil types that are
<b>Local Issues Addressed</b>
<b>NWQI - Alamo Creek - Bighorn River</b>
<b>Issue Questions</b>
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1. a. Is the program application for the development of a TSP-prepared CAP? If the answer is "Yes" do not answer any other Local-level questions. If the answer is "No" proceed with evaluation to address the remaining questions in this
Answer YES to ONE of the following question: If the contracted practice(s) result in improved irrigation efficiency, select one of the following percentage water saved as determined by the FIRI tool. NOTE: Improved management or system factors that
2. a) Between 5-10%
2. b) Between 11-15%
2. c) Between 16-20%
2. d) Between 21-25%
2. e) Between 26-30%
2. f) Between 31-35%
2. g) Between 36-40%
2. h) Between 41-45%
2. i) Between 46-50%
2. j) Between 51-55%
2. k) Between 56-60%
2. l) Between 61-65%
2. m) Between 66-70%
2. n) Greater than 71%
Concentration of salts:
3. Will the contracted practice(s) result in elimination or minimization of concentrations of salts in specific problem areas identifiable on the latest ortho-imagery or on-the-ground visual assessment?
If the contracted practice(s) will result in reduced irrigation induced erosion, select the soil K Factor for the predominant soil map unit of the contracted field(s). Answer YES to one of the following questions:
4. a. K factor of 0.02, 0.05 or 0.10
4. b. K factor of 0.15, 0.17 or 0.20
4. c. K factor of 0.24 or 0.28
4. d. K factor of 0.32 or greater
If the contracted practice(s) will result in reduced irrigation induced erosion, select the appropriate slope range for the contracted field(s) as based on the slope category for the predominant soil map unit of the field (if the slope category is different than listed ranges, i.e. 0-6%, use a value that is in the middle of the range i.e. 0-6% use 3% or an on-site
5. a. Less than 2% slope
5. b. Between 2% and 4% slope
5. c. Between 4% and 6% slope
5. d. Greater than or equal to 6% slope
Soil Intake Rate for the field with planned Irrigation system improvements (answer yes to one of the following):

6. a. Is the average soil intake rate for the field less than or equal to 1?
6. b. Is the average soil intake rate for the field greater than or equal to 1.5?
If the contracted practice(s) will result in improvements to an irrigation system, select YES to one of the following based on
7. a. Adequate irrigation water was available the entire growing season for 5 out of the last 10 years
7. b. Adequate irrigation water was still available on August 1st at least 5 out of the last 10 years
7. c. Adequate irrigation water was still available on July 1st at least 5 out of the last 10 years
7. d. Adequate irrigation water was still available on June 1st at least 5 out of the last 10 years
Additional Practices Applied, must be contracted (select all that apply):
8. a. Cover Crop
8. b. Residue and tillage management, no till/strip till/direct seed
8. c. Irrigation Water Management
8. d. Filter Strip
8. e. Nutrient Management
8. f. Integrated Pest Management
Percent of conveyance system improved. Conveyance system is defined as the existing ditch or pipeline between the point of diversion and the point of use. (answer yes to one of the following questions):
9. a. Will the entire canal or lateral be improved from earth ditch to a closed system (pipeline)?
9. b. Will 66 to 99% of the length of the canal or lateral be improved from earth ditch to a closed system (pipeline)?
9. c. Will 33 to 65% of the length of the canal or lateral be improved from earth ditch to a closed system (pipeline)?
9. d. Will less than 33% of the length of the canal or lateral be improved from earth ditch to a closed system (pipeline)?
<b>Local Issues Addressed</b>
<b>NWQI - Lower Nowater Creek</b>
<b>Issue Questions</b>
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Concentration of salts:
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