

Natural Resources Conservation Service
Application Ranking Summary
FY17 Air Quality for Ozone Reduction

National Priorities Addressed

Issue Questions	Point(s)
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 application being awarded the maximum amount of points that can be earned for the national priority category.	
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 questions in this section.	250
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)?	15
2. b. Implementing the practices in a Nutrient Management Plan (NMP)?	10
2. c. Reducing impacts from sediment, nutrients, salinity, or pesticides on land adjoining a designated "impaired water body" (TMDL, 303d listed waterbody, or other State designation)?	10
2. d. Reducing the impacts from sediment, nutrients, salinity, or pesticides in a "non impaired water body"?	10
2. e. Implementing practices that improve water quality through animal mortality and carcass management?	10
Water Conservation – Will the proposed project conserve water by: (select all that apply)	
3. a. Implementing irrigation practices that reduce aquifer overdraft.	15
3. b. Implementing irrigation practices that reduce on farm water use?	10
3. c. Implementing practices in an area where the applicant participates in a geographically established or watershed wide project?	10
3. d. Implementing practices that reduce on farm water use as a result of changing to crops with lower water consumptive use, the rotation of crops, or the modification of cultural operations?	10
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 measures?	10
4. b. Implementing practices that reduce on-farm emissions of particulate matter (PM2.5, PM10)?	10
4. c. Implementing practices that reduce on-farm generated greenhouse gases such as carbon dioxide (CO ₂), methane (CH ₄), and nitrous oxide (N ₂ O)?	10
4. d. Implementing practices that increase on farm carbon sequestration?	10
Soil Health: Will the proposed project improve soil health by: (select all that apply)	
5. a. Reduce erosion to tolerable limits (Soil "T")?	10
5. b. Increasing organic matter and carbon content, and improving soil tillth and structure?	10
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.	10
6. b. Implementing practices that retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP) or other set-aside program?	10
6. c. Implementing practices benefitting honey bee populations or other pollinators?	10
6. d. Implementing land based practices that improve habitat for aquatic wildlife?	10
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?	10
7. b. Implementing practice in an Integrated Pest Management Plan (IPM)?	10
Energy Conservation – Will the proposed project reduce energy use by: (select all that apply)	
8. a. Reducing on-farm energy consumption?	10
8. b. Implementing practice(s) identified in an approved AgEMP or energy audit, which meet ASABE S612 criteria?	10
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 application is received?	10
State Issues Addressed	
Issue Questions	Point(s)
State Category One – Ozone Attainment Area Designation Select the most appropriate response below regarding the attainment designation for the 2008 8-hour Ozone NAAQS that applies to the location of the planned land unit according to Figure 1 of the FY17 Program Description, the EPA 8-Hour Ozone Area Designation Map as of August 4, 2016. (Select “Yes” to Only One Answer, if applicable)	
1. a. "Nonattainment/Extreme"	400
1. b. "Nonattainment/Severe 15"	300
1. c. "Nonattainment/Serious"	250
1. d. "Nonattainment/Moderate" or "Nonattainment/Marginal"	200
1. e. Unclassifiable/Attainment	100
Local Issues Addressed	
Issue Questions	Point(s)
Local Category One – Proximity to Public Use Areas AIR QUALITY IMPACTS: Emissions of Ozone Precursors AIR QUALITY IMPACTS: Objectionable Odors Conservation treatment in the EQIP schedule of operations will reduce emissions within the proximity to public use areas, such as but not limited to: homes, urban areas, schools, parks, and public roads and highways (based on nearest point of intersect with the public use area): (Select “Yes” to Only One Answer, if applicable)	
1. a. Within a quarter mile of the planned land unit.	50
1. b. Between a quarter and half mile of the planned land unit.	40
1. c. Within one half to one mile of the planned land unit.	30
1. d. Greater than one mile of the planned land unit.	20
Local Category Two – Integrated Pest Management AIR QUALITY IMPACTS: Emissions of Ozone Precursors AIR QUALITY IMPACTS: Objectionable Odors For specific UC IPM crop recommendations visit the following web link: http://www.ipm.ucdavis.edu/PMG/crops-agriculture.html . Conservation treatment in the EQIP schedule of operations: (Select “Yes” to Only One Answer, if applicable)	
2. a. Results in the use of integrated pest management (IPM) techniques to reduce, mitigate and/or eliminate the use of VOC pesticides; applicant will follow a Year-Round University of California Integrated Pest Management (UC IPM) protocol to reduce, mitigate and/or eliminate the use of VOC pesticides.	20

2. b. Will reduce, mitigate and/or eliminate the use of VOC pesticides, but not as part of a UC IPM protocol.	5
Local Category Three – Integrated Pest Management AIR QUALITY IMPACTS: Emissions of Ozone Precursors AIR QUALITY IMPACTS: Objectionable Odors Conservation treatment in the EQIP schedule of operations will result in the use of precision spray technology to apply: (Select “Yes” to Only One Answer, if applicable)	
3. a. Non-VOC containing pesticide products throughout the year.	20
3. b. Non-VOC pesticide products during the critical ozone period, from May 1 through October 31.	15
3. c. Low-VOC containing pesticide products throughout the year.	10
3. d. Conventional-VOC containing pesticide products during non-critical periods of the growing season, October through April.	5
Local Category Four – Integrated Pest Management AIR QUALITY IMPACTS: Emissions of Ozone Precursors Conservation treatment in the EQIP schedule of operations will result in implementation of NRCS Conservation Practice Standard 595 – Integrated Pest Management and will result in VOC spray applications with: (Select “Yes” to Only One Answer, if applicable)	
4. a. A change in chemicals from conventional to non-VOC product, to be used with precision spray technology	20
4. b. A change in chemicals from conventional to low-VOC product, to be used with precision spray technology	15
4. c. A precision spray technology system only.	10
4. d. A combination of precision spray technology system and conventional spray applicators.	5
Local Category Five – Integrated Pest Management AIR QUALITY IMPACTS: Emissions of Ozone Precursors AIR QUALITY IMPACTS: Objectionable Odors Conservation treatment in the EQIP schedule of operations will reduce the number of applications applied during the critical time period to: (Select “Yes” to Only One Answer, if applicable)	
5. a. 2 or less equipment passes.	20
5. b. 3 or 4 equipment passes.	15
5. c. 5 to 7 equipment passes.	10
5. d. 8 or more equipment passes.	5
Local Category Six – Integrated Pest Management AIR QUALITY IMPACTS: Emissions of Ozone Precursors Conservation treatment in the EQIP schedule of operations will reduce VOC emissions by (use the California Department of Pesticide Regulation (DPR) non-fumigant VOC Emissions Calculator at http://apps.cdpr.ca.gov/voc-calculator/): (Select “Yes” to Only One Answer, if applicable)	
6. a. Greater than 75 percent emissions reductions.	15
6. b. 50 to 75 percent emissions reductions.	10

Local Category Seven – Integrated Pest Management AIR QUALITY IMPACTS: Emissions of Ozone Precursors Conservation treatment in the EQIP schedule of operations will reduce VOC emissions with the utilization of an approved canopy precision spray technology where the canopy cover is: (Select “Yes” to Only One Answer, if applicable)	
7. a. Less than 25 percent and precision spray technology will be used for crops with low canopy densities or in newly planted orchards.	20
7. b. Between 25 and 90 percent and precision spray technology will be used in orchards with full canopy closure but a high frequency of missing trees, such as, very mature and decadent orchard.	15
7. c. Greater than 90 percent and precision spray technology will be used for crops and/or orchards with full canopy closure.	10
Local Category Eight – Integrated Pest Management AIR QUALITY IMPACTS: Emissions of Ozone Precursors Conservation treatment in the EQIP schedule of operations will reduce VOC emissions with the utilization of an approved ground precision spray technology where pesticide application is for: (Select “Yes” to Only One Answer, if applicable)	
8. a. Weed management.	15
8. b. Other pest management.	10
Local Category Nine – Manure Management AIR QUALITY IMPACTS, Emissions of Greenhouse Gases (GHGs) AIR QUALITY IMPACTS: Emissions of Ozone Precursors AIR QUALITY IMPACTS: Objectionable Odors Conservation treatment results in manure injection application rate and timing based on a nutrient Management Plan (NMP) and/or Comprehensive Nutrient Management Plan (CNMP) for: (Select “Yes” to Only One Answer, if applicable)	
9. a. At least 75 percent of the cropped land.	50
9. b. At least 50 percent of the cropped land.	30
9. c. Less than 50 percent of the cropped land.	15
Local Category Ten – Manure Management AIR QUALITY IMPACTS, Emissions of Greenhouse Gases (GHGs) AIR QUALITY IMPACTS: Emissions of Ozone Precursors AIR QUALITY IMPACTS: Objectionable Odors (Select “Yes” to Only One Answer, if applicable)	
10. a. Conservation treatment in the EQIP schedule of operations results in manure application in two or more split applications.	20
10. b. Conservation treatment in the EQIP schedule of operations results in manure application in one application.	10