Practice: 126 - Comprehensive Air Quality Management Plan

Scenario: #1 - Comprehensive Air Quality Management Plan CAP (Pacific Region Only)

Scenario Description:

Agricultural operations that have made a decision to consider air emissions resulting from normal on-farm activities which may cause an air quality resource concern. Natural Resource Concerns: Air Quality: Emissions of Particulate Matter (PM) and PM Precursors, Emissions of Ozone Precursors, Objectionable Odors, and Emissons of Greenhouse Gases.

Before Situation:

Agricultural operations have not made the decision to consider Farm -Related air emissions, and thus, have not developed a comprehensive air quality management plan that documents the consideration of emissions types and changes in farm management activities, that, when implemented, will reduce identified emissions of concern. Operation may or may not be subject to regulation or permit requirements by Federal, State or local jurisdictions. Associated Practices: FOTG approved practices with a purpose to address air quality concerns may be considered, such as: land treatment practices, crop residue management, manure management systems, and livestock feeding and housing-related practices.

After Situation:

After EQIP contract approval, participant has obtained services from a certified TSP for development of a Comprehensive Air Quality Management Plan that documents specific emissions of concern that have been considered by the producer, as well as farm management components and activities considered by the producer that, when implemented, will help mitigate identified on-farm emissions of concern. Emissions of concern to be considered by the producer will include particulate matter, ammonia, volatile organic compounds (VOCs), oxides of nitrogen (NOx), odors, carbon dioxide, methane, nitrous oxide, and others that may result from normal farming and ranching activities. The plan must document agricultural activities and producer decisions relative to these activities that may serve to manage the documented emission types to meet the quality criteria requirements cited in the NRCS planning document. Emissions mitigating agricultural activities may include any NRCS approved conservation practice which has a purpose to address air quality resource concerns. The plan must also address or provide recommendations for air quality related regulation or permitting requirements that the producer is subject to.

Scenario Feature Measure: Number

Scenario Unit: Number

Scenario Typical Size: 1

Scenario Cost: $5,234.45 **Scenario Cost/Unit:** $5,234.45

Cost Details (by category):

Component Name	ID	Component Description	Unit	Price ($/unit)	Quantity	Cost
Labor						
CAP Labor, professional engineer	1297	Conservation Activity Plan labor to apply knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation, and processing of agricultural products. Cost associated with this component includes overhead and benefits (market price).	Hour	$80.53	65	$5,234.45

Practice: 126 - Comprehensive Air Quality Management Plan

Scenario: #2 - Comprehensive Air Quality Management Plan CAP (Rest of US)

Scenario Description:

Agricultural operations that have made a decision to consider air emissions resulting from normal on-farm activities which may cause an air quality resource concern. Natural Resource Concerns: Air Quality: Emissions of Particulate Matter (PM) and PM Precursors, Emissions of Ozone Precursors, Objectionable Odors, and Emissons of Greenhouse Gases.

Before Situation:

Agricultural operations have not made the decision to consider Farm -Related air emissions, and thus, have not developed a comprehensive air quality management plan that documents the consideration of emissions types and changes in farm management activities, that, when implemented, will reduce identified emissions of concern. Operation may or may not be subject to regulation or permit requirements by Federal, State or local jurisdictions. Associated Practices: FOTG approved practices with a purpose to address air quality concerns may be considered, such as: land treatment practices, crop residue management, manure management systems, and livestock feeding and housing-related practices.

After Situation:

After EQIP contract approval, participant has obtained services from a certified TSP for development of a Comprehensive Air Quality Management Plan that documents specific emissions of concern that have been considered by the producer, as well as farm management components and activities considered by the producer that, when implemented, will help mitigate identified on-farm emissions of concern. Emissions of concern to be considered by the producer will include particulate matter, ammonia, volatile organic compounds (VOCs), oxides of nitrogen (NOx), odors, carbon dioxide, methane, nitrous oxide, and others that may result from normal farming and ranching activities. The plan must document agricultural activities and producer decisions relative to these activities that may serve to manage the documented emission types to meet the quality criteria requirements cited in the NRCS planning document. Emissions mitigating agricultural activities may include any NRCS approved conservation practice which has a purpose to address air quality resource concerns. The plan must also address or provide recommendations for air quality related regulation or permitting requirements that the producer is subject to.

Scenario Feature Measure: Number

Scenario Unit: Number

Scenario Typical Size: 1

Scenario Cost: $3,623.85 **Scenario Cost/Unit:** $3,623.85

Cost Details (by category):

Component Name	ID	Component Description	Unit	Price ($/unit)	Quantity	Cost
Labor						
CAP Labor, professional engineer	1297	Conservation Activity Plan labor to apply knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation, and processing of agricultural products. Cost associated with this component includes overhead and benefits (market price).	Hour	$80.53	45	$3,623.85