

## DRAFT Descriptions of Project Alternatives

### Summary of Goals, Policies and Implementation Measures

**Pathway Vision Statement:** In 2027, the Lake Tahoe Basin is an exceptional place where communities thrive in harmony with the natural environment. The overwhelming presence of nature is apparent. The Lake is blue and clear, the air is clean, the region’s ecosystem healthy and natural sounds evident. Within communities, the economy is strong and sustainable; the population diverse and vital, the richness of everyday life is obvious. Based on mutual respect and the integration of human and natural communities, a balance exists that inspires and motivates residents, businesses, visitors, and governments alike to work together to maintain the Lake’s value as a national and international treasure. Lake Tahoe is a truly unique and special place.

**Pathway Desired Conditions:**

AQ.DC-1

Human and Ecosystem Health: Air quality in the Lake Tahoe Basin is healthy for humans and ecosystems.

Ref#	Type	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5
1	G	AQ Subelement, Page II-29, 2nd full paragraph: Implementation of control measures contained in the Air Quality Plan should lead to attainment of the TRPA threshold standards and should also lead to attainment and maintenance of federal and state air quality standards.	Attain and maintain air quality in the region at levels that are healthy for humans and the ecosystem.			Same as Alternative 1
1.1	P	None	Work with other agencies and jurisdictions to reduce emissions, exposures, and health and			

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			environmental risks when developing and implementing programs, plans, and projects.			
1.1.1	IM	Existing Implementation Measures		Forestry and fire agencies will continue to follow the air quality regulations of their respective state regulatory agencies.		Same as Alternative 1
1.1.2	IM	Existing Implementation Measures	Adopt the most stringent air quality standards, control strategies, and implementation plans region-wide.	Recognize air quality standards in the respective portions of the region for which the standards are applicable.		Same as Alternative 1
1.2	P	None	Reduce emissions from wood burning stoves in the Tahoe basin to the maximum extent practicable, and adopt emissions standards based on the best available technology.			None
1.2.1	IM	None	Create a definition for "Wood Stove" that differentiates wood stoves from other "Wood Heaters."			
1.2.2	IM	Existing Implementation Measures	Wood stoves in all new construction must be certified to emit less than 4.5g/hr of particulate matter (PM) for a non-catalyst and 2.5 g/hr for a catalyst-equipped stove.			Same as Alternative 1
1.2.3	IM	Existing Implementation Measures	All wood stoves not certified to emit less than 4.5g/hr of PM for a non-catalyst and 2.5 g/hr of PM for a catalyst equipped stove must be removed by 2020.			Same as Alternative 1
1.2.4	IM	Existing Implementation Measures	Require that any existing wood stove be compliant with emissions standards for	Require that any existing wood stove be compliant with emissions standards for new wood stoves at time of transfer of title, purchase, or sale of properties that result in		Same as Alternative 1

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			<p>new wood stoves at time of transfer of title, purchase, or sale of properties that result in change of ownership. Include evidence of such in escrow documents. Provide exemptions to this provision for transfer instruments such as Trusts and Limited Liability Corporations. Where wood stoves were replaced in conformance with the Wood Heater Retrofit Program adopted by TRPA in the 1987 Regional Plan (which became effective January 1, 1993), homeowners must replace the unit by 2020 with a unit conforming to emissions standards.</p>	<p>change of ownership. Include evidence of such in escrow documents. Provide exemptions to this provision for transfer instruments such as Trusts and Limited Liability Corporations.</p>		
1.2.5	IM	None	<p>The Air Quality Mitigation Fund and, where possible, other funding sources will be used in part to provide rebates for replacement of existing wood stoves that do not meet emission standards. Funding programs will</p>			Same as Alternative 1

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			<p>prioritize rebates as follows:</p> <ol style="list-style-type: none"> <li>1) Replacement of wood heaters that are the primary heat source which do not meet the following emission standards: 4.5g/hr of PM for a non-catalyst and 2.5 g/hr of PM for a catalyst equipped stove;</li> <li>2) Replacement of wood heaters that are not the primary heat source and which do not meet the following emission standards: 7.5g/hr of PM for a non-catalyst and 4.1 g/hr of PM for a catalyst equipped stove;</li> <li>3) Replacement of open-burning fireplaces that are used for primary or secondary heat (non-aesthetic); and</li> <li>4) Replacement of wood heaters that do not meet the following emission standards: 4.5g/hr of PM for a non-catalyst and 2.5 g/hr of PM for a catalyst equipped stove but which are not a primary heat source.</li> </ol>			
1.3	P	None	Develop and maintain a comprehensive Air Quality Plan that addresses current conditions and needs including: emissions from mobile and stationary sources, greenhouse gases, wood burning, visual air quality, and road related pollutants.			Maintain an updated Air Quality Plan to address current conditions and needs.
1.4	P	None	Utilize appropriate sweeping and/or vacuum equipment and sweep roads frequently enough to prevent potentially harmful accumulation and distribution of materials.			Same as Alternative 1
1.4.1	IM	None	Update the air Quality Plan and relevant code section to require any local jurisdiction responsible for maintaining roadways to have a TRPA approved street sweeping plan in place before they are eligible to receive air quality mitigation funds. Each street sweeping plan must include a schedule of proposed sweeping activities and measures to ensure the use of the best available feasible technology.			Same as Alternative 1
1.5	P	None	Ensure forest fuel burning is conducted on appropriate days and/or using appropriate techniques to minimize the air quality impacts on human and			Same as Alternative 1

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			ecosystem health.			
1.5.1	IM	None	Promote technologies that reduce the air quality impacts of burning, or non-burning methods of reducing hazardous forest fuels, where practical. Encourage the use of air curtain burners or other technologies that may increase the number of available burn days.			Same as Alternative 1
1.6	P	None	Reduce the amount of fugitive dust that is re-entrained into the atmosphere from unpaved areas, streets, parking lots, parcels, and construction sites.			
2	G	None	Reduce mobile source pollution.			
2.1	P	Page II-26 of the G&P, Section A: The Compact states that the goal of transportation planning shall be to reduce to the extent feasible air pollution, which is caused by motor vehicles. The purpose of the Air Quality Plan is to attain and maintain the ETCC established by TRPA.	Implement plans, programs and projects for people and goods movement that encourage the lowest emissions per person mile of travel (EPPM).	Include Transportation Control Measures in the Air Quality Plan that reduce motor vehicle emissions to the maximum extent possible at the earliest practicable date.		Same as Alternative 1
3	G	None	Maintain an effective air quality mitigation program for the region.			
3.1	P	None	Collect and expend air quality mitigation fees to offset air pollution in coordination with the EIP. A portion of these fees may be used on the			Same as Alternative 1

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			most cost effective projects anywhere in the region.			
3.1.1	IM	Existing Implementation Measures	Update the code and Air Quality Plan to allow a portion of air quality mitigation funds to be distributed to the most cost effective projects in the region regardless of which jurisdiction the fees originated from.			Same as Alternative 1
new	IM	None		Update the code and Air Quality Plan to allow air quality mitigation funds to be used for operations and maintenance of eligible projects.		Same as Alternative 1
3.1.2	IM	Existing Implementation Measures	New projects, programs, and planning efforts must result in a net reduction in air pollution for all non-attainment air pollutants.	Same as Alternative 1		
4	G	None	Maintain visibility in the region at a level that does not interfere with residents' and visitors' visual experience			
4.1	P	None	Reduce or limit sources of pollutants that degrade visibility.			Same as Alternative 1