

Air Quality

TRPA Staff Proposed Goal	Suggested Goal Language	TRPA Staff Proposed Policy *	Suggested Policy Language **	TRPA Staff Proposed Implementation Measure	Suggested Implementation Measure
		<p>AQ-2.1.1 Program Implementation -- TRPA will assess, consider, and use best efforts to reduce emissions, exposures, and health and environmental risks when developing and implementing programs, plans, and projects.</p>	<p>Program Implementation -- TRPA will assess, consider, and use best efforts to reduce emissions, exposures, and health and environmental risks <u>to levels which attain and maintain air quality threshold standards</u> when developing and implementing programs, plans, and projects.</p>	<p>AQ Imp 5 Reduced Fees -- Reduce permit fees by: 15% for all LEED Silver Certified Construction; 25% for all LEED Gold Certified Construction; 50% for all LEED Platinum Certified Construction</p> <p>AQ Imp 7 Carpool Incentive -- Businesses with over 70 employees will provide dedicated spaces with the most convenient access to the entrance to employees that carpool. Employers will provide 50% of the cost of bus passes for employees to ride the bus to their employment.</p> <p>AQ Imp 8 Mitigation Improvements -- Chapter 93 will be totally redrafted. Major changes include requirement to provide emissions estimates for projects seeking funds, fund only projects with the lowest emission levels, add provision to provide \$5,000 \$10,000 for the purchase of zero emission vehicles and low emission hybrids by full time residence of the Region who also work in the Region.</p> <p>AQ Imp 9 Non Asphalt Incentive -- Reduce permit fees by 20% for the installation of approved non-asphalt materials and paving blocks in parking lots, sidewalks, and driveways. <i>(Amended during milestone)</i>.</p> <p>AQ Imp 10 Trackout -- A tackifier, trackout device or other TRPA approved measures is required during ground disturbing activities. Permanent track-out device is required to be installed at time of permit or by 2015 in areas shown to have traffic related transport issues.</p> <p>AQ Imp 13 Diesel Idling -- Diesel trucks are prohibited from idling longer than 5 min and shore power must be utilized at high use areas. Exceptions...</p> <p>AQ Imp 14 Forest Fuels 40% -- Forest fuels reduction efforts shall reduce PM emissions by 40% compared to open burning emissions levels. Amended to "Forest Fuels -- Fire agencies will continue to follow the air quality regulations of their respective state regulatory agencies. The Tahoe Fire and Fuels Team will collaborate with fire agencies to refine smoke management best</p>	<p>(DELETE – Not related to TRPA AQ thresholds) AQ Imp 5 Reduced Fees -- Reduce permit fees by: 15% for all LEED Silver Certified Construction; 25% for all LEED Gold Certified Construction; 50% for all LEED Platinum Certified Construction</p> <p>AQ Imp 7 Carpool Incentive -- Businesses with over 40 employees will provide dedicated spaces with the most <u>desirable attributes (e.g. closest access, covered parking)</u> to the entrance to employees that carpool. Employers will provide 50% of the cost of bus passes for employees to ride the bus to their employment.</p> <p>AQ Imp 8 Mitigation Improvements -- Chapter 93 will be totally redrafted. Major changes include requirement to provide emissions estimates for projects seeking funds and to fund only projects with the lowest emission levels. <u>Chapters 91 and 93 will also be revised to reflect separate AQ and Transportation Mitigation funds.</u></p> <p>AQ Imp 9 Non Asphalt Incentive -- Reduce permit fees by 20% for the installation of approved non-asphalt materials and paving blocks in parking lots, sidewalks, and driveways <u>when installed in existing unpaved disturbed areas in lieu of regular asphalt.</u></p> <p>AQ Imp 13 Diesel Idling -- Diesel trucks, <u>buses and other large vehicles</u> are prohibited from idling longer than 5 minutes. <u>Where conditions may require heating or cooling,</u> shore power must be utilized. <u>Emergency vehicles are exempt while performing emergency functions and/or as needed to maintain emergency equipment.</u></p> <p>Imp 14: Forest Fuels – Fire agencies will continue to follow the <u>smoke management</u> regulations of their respective state regulatory agencies <u>however plans and implementation must be coordinated so that fuel reduction practices do not prevent or negatively affect the attainment and maintenance of TRPA's air quality standards.</u> The Tahoe Fire and Fuels Team will collaborate with fire agencies to refine smoke management best practices <u>and update and maintain the Air Quality Plan for the</u></p>

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		<p>AQ-2.1.9 Home Heating Emissions -- Eliminate all but the cleanest burning technologies for use</p>		<p><i>practices.</i></p> <p>AQ Imp 2 Air Curtain Exempt – Forest fuel reduction projects utilizing air curtain burners for 100% of the burning process would be exempt from burn day restrictions</p> <p>AQ Imp 15 <i>Wood Stove Construction</i> – Wood stoves are prohibited in all new construction. Wood stoves are prohibited in all project areas requiring a TRPA permit. Amended to “Wood Stoves in New Construction – Wood stoves in all new construction must be certified to emit less than 4.5 g/hr of PM for a non-catalyst and 2.5 g/hr of PM for a catalyst-equipped stove” (Amended at milestones).</p> <p>AQ Imp 16 Clean Wood Stoves -- 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. Amended to “Staff will create a policy for wood smoke emissions and define the appropriate terms and adopt emissions standards based on best available technology for all wood stoves, existing, in new construction, and at change of ownership, and implement for removal or replacement of all non-compliant stoves.” (amended during milestones)</p> <p>AQ Imp 17 <i>Wood Stove Certification</i> -- All properties purchased, sold, or transferred title shall ensure the wood stove is compliant with all current regulations. Evidence of such will be included in escrow documents. Changed to: Staff will amend AQ.IMP-17 to include a “change in ownership” clause, provide exemptions for changes in ownership that do not involve escrow documents (such as trusts and similar transfer vehicles), and create incentives for residents to retrofit their wood stoves.(Amended during milestones).</p>	<p><u>Basin to incorporate fuels management needs while attaining and maintaining all air quality standards.</u></p> <p>AQ Imp 2 Air Curtain Exempt-- Forest fuel reduction projects utilizing air curtain burners for 100% of the burning process would be exempt from burn day restrictions, <u>except from June 1 until October 1 to prevent contributions to summer-time ozone concentrations in the Basin. Air curtain burners, since they emit higher concentrations of NOx, which is an ozone precursor, can only be used during seasons when there are typically no ozone violations in the Basin. When a scientifically-adequate meteorological and air quality monitoring network is in place throughout the Basin, with scientifically-sound real-time monitoring and methods and tools for weather and air quality forecasting, exceptions to the summertime ban on air curtain burners may be considered when ozone concentrations are forecasted to be well below the standard and are not exceeded.</u></p> <p>AQ Imp 15: <u>New Wood Stoves: – All wood stoves for sale in the Basin, purchased for use in the Basin, added to new construction and/or purchased for replacement of existing wood stoves must be certified to emit less than 4.5 g/hr of PM for a non-catalyst and 2.5 g/hr of PM for a catalyst-equipped stove.”</u></p> <p>AQ Imp 16 Clean Wood Stoves -- <u>All wood stoves not certified to emit less than 7.5g/hr of PM for a non-catalyst and 4.1 g/hr of PM for a catalyst equipped stove must be phased out per the 1987 Regional Plan deadline. 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.</u></p> <p>AQ Imp 17: <u>Wood Heater Retrofit Program: Prior to the sale, transfer or conveyance of any building, all existing wood heaters in the building, excluding legally existing open fireplaces which are not primary heat sources, shall be in conformance with 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. Evidence shall be required in escrow documentation. Where wood heaters 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 the revised emission</u></p>

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		<p>in home heating at the earliest practicable date.</p>		<p>AQ Imp 18 Stove Mit Program -- All properties containing a wood stove shall pay an air quality mitigation fee per unit. (Deleted during milestone)</p> <p>AQ. Imp 32 Wood Stove Replacement @ Time of Sale -- Wood stove replacements would occur at time of sale; and the property certified as part of the escrow process.</p> <p>AQ Imp 20 Bike Facilities -- Class II bike lanes shall be constructed and maintained along major highways and areas where bicycle travel is present.</p> <p>AQ Imp 23 RTP 15% -- The RTP shall achieve a 15% reduction in baseline emissions levels by 2020.</p> <p>AQ Imp 24 Emissions Benefits -- Transportation projects shall provide estimates of pre- and post project emission levels in pounds per pollutant for each criteria pollutant.</p>	<p>standards.</p> <p>(Delete AQ Imp 32- see Imp 17)</p> <p>ADD as New AQ Implementation Measure: <u>The Air Quality Mitigation Fund, and other funding sources where possible, will be used in part to provide rebates for replacement of existing wood stoves 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. Funding programs will prioritize rebates as follows:</u></p> <ol style="list-style-type: none"> <u>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;</u> <u>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;</u> <u>3. Replacement of open-burning fireplaces that are used for primary or secondary heat (non-aesthetic); and</u> <u>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 certified to emit less than 7.5g/hr of PM for a non-catalyst and 4.1 g/hr of PM for a catalyst equipped stove.</u> <p>AQ Imp 20 Bike Facilities -- Class II bike lanes shall be constructed and maintained along major highways and areas where <u>commuter</u> bicycle travel is present.</p> <p>AQ Imp 23 RTP 15%: The RTP shall achieve a 15% reduction in baseline <u>(2010)</u> emissions levels by 2020.</p> <p>AQ Imp 24 Emissions Benefits -- Transportation projects shall provide estimates of pre- and post project emission levels in pounds per pollutant <u>and emissions per person per mile</u> for each criteria pollutant.</p>

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					<p>ADD as New AQ Implementation Measure: <u>AQ Mitigation Fund: A separate AQ mitigation fund will be established and maintained to support projects and activities with direct benefits to all of TRPA's air quality thresholds. Transportation improvements will be supported by a separate "Transportation Mitigation Fund" program.</u></p> <p>AQ Imp 29 - Mitigation: <u>AQ mitigation, direct and/or through use of mitigation funds, will be required based on the pollutant type, impact type, and location of impact(s). For projects increasing an air quality pollutant with localized impacts (e.g. Carbon Monoxide), mitigation must occur where the pollutant exposure will occur. For pollutants with area-wide and/or Basin-wide impacts, local mitigation will be prioritized; however mitigation may occur at the area-wide or Basin-wide level, or a combination thereof, as needed to protect human and ecological health and visibility both locally and basin-wide.</u></p>
		<p>AQ-2.1.3 Community Coordination -- Reduce air pollution by promoting greater energy efficiency and conservation, and the use of renewable resources.</p>		<p>AQ Imp 2 Air Curtain Exempt-- Forest fuel reduction projects utilizing air curtain burners for 100% of the burning process would be exempt from burn day restrictions. AQ Imp 14</p>	
		<p>AQ-2.1.4 Air Quality Plan -- TRPA will adopt and implement a comprehensive Air Quality Plan that addresses, but is not limited to, the following issues: emissions from mobile and stationary sources, greenhouse gases, wood burning, visual air quality, and road related pollutants.</p>		<p>AQ Imp 1 Trans Funding -- Zero emission transportation programs and projects would be given priority in terms of funding and permitting practices. AQ Imp 5 AQ Imp 14 AQ Imp 18 AQ Imp 19 AQ Imp 20 AQ Imp 21 AQ Imp 22 AQ Imp 24 AQ Imp 27</p>	<p>AQ Imp 1 Transportation Funding -- Zero emission transportation programs and projects would be given priority in terms of funding and permitting practices <u>associated with mobile sources and transportation planning and projects.</u></p> <p>ADD as New AQ Implementation Measure: <u>In coordination with air quality researchers, academic institutions and other regulatory bodies, TRPA will develop and maintain a comprehensive Emissions Inventory specific to the Lake Tahoe Basin. Publicly available, via website, real-time monitoring, evaluation, and reporting data would be provided by a third party scientific entity, such as TSC, UNR, and UCD.</u></p> <p>ADD as New AQ Implementation Measure: <u>TRPA will update and adapt the Air Quality Plan based on the Lake Tahoe Basin Emissions Inventory and historical and ongoing monitoring data.</u></p>

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		<p>AQ-2.1.5 Air Pollutants -- Reduce sources of air pollutants at the earliest practicable date through the implementation of best management practices, community design, maintenance practices, transportation control measures, and controls on combustion and burning practices.</p>	<p>AQ-2.1.5 Air Pollutants -- Reduce air pollution to the extent <u>necessary to attain and maintain air quality threshold standards</u> at the earliest practicable date through the implementation of best management practices, community design, maintenance practices, transportation control measures, <u>incentive programs, improved enforcement</u>, and controls on combustion and burning practices.</p>	<p>AQ Imp 4 ZEV Incentive -- Businesses with over 70 employees will provide incentives for their employees to use zero emission transportation sources. Incentives include: provide paid time for 50% of the additional commute time Vs non-zero emission travel and provide monetary incentives up to \$3,000 for purchase and use of a ZEV. (Deleted during Milestones).</p> <p>AQ Imp 6 Bike Facilities –</p> <p>AQ Imp 12 Street Sweeping 1 -- All major roads shall be swept twice per month. All remaining roads shall be swept once per month. Amended to "Unless weather or surface conditions render road sweeping impossible, all major roads shall be swept twice per month and all remaining roads shall be swept once per month. (Amended during milestones).</p> <p>AQ Imp 7 AQ Imp 8 AQ Imp 10 AQ Imp 11 Clean Sweepers -- All sweepers brought into the Region will be certified by ETV Canada to the following specs-...</p> <p>AQ Imp 12 Street Sweeping. AQ Imp 13 AQ Imp 14 AQ Imp 15 AQ Imp 16 AQ Imp 17 AQ Imp 18 AQ Imp 19 AQ Imp 20 AQ Imp 21 AQ Imp 22 AQ Imp 24 AQ Imp 26 AQ Imp 27 AQ Imp 28 AQ Imp 29 Mitigation -- Require on-site AQ mitigation where possible. Off site AQ mitigation will be mitigated 1:1 for pollutants that are in-attainment with a positive or neutral trend and 2:1 for all other situations.</p> <p>AQ Imp 11 Clean Sweepers -- All sweepers brought into the Region will be certified by ETV Canada to the following specs-...</p>	<p>AQ Imp 4 ZEV Incentive -- Businesses with over 40 employees will provide incentives for their employees to use zero emission transportation sources (<u>including ZEV and human-powered travel</u>). Incentives include: provide paid time for 50% of the additional commute time Vs non-zero emission travel.</p> <p>ADD as New AQ Implementation Measure: <u>Consider seeking grant funds and coordinating with public land agencies to replace diesel trucks that move biomass with best available technology.</u></p> <p>AQ Imp 11 Clean Sweepers – All vacuum sweepers <u>used in the Region</u> will be certified to meet the ETV Canada specifications and/or Best Available Technology (<u>including efficiency at capturing fine particles</u>), whichever is most efficient.</p>

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		<p>AQ-2.1.6 Projects, Programs, and Plans -- Projects, plans, and programs will attain and maintain air quality standards at levels that are considered healthy for humans and the ecosystem at the earliest practicable date. Achieve those air quality standards that are considered healthy for humans and the ecosystem and attain and maintain the thresholds. (Amended during milestones).</p>		<p>AQ Imp 1 AQ Imp 10 AQ Imp 11 AQ Imp 12 AQ Imp 14 AQ Imp 15 AQ Imp 16 AQ Imp 17 AQ Imp 18 AQ Imp 19 AQ Imp 20 AQ Imp 21 AQ Imp 22 AQ Imp 24 AQ Imp 27</p>	
		<p>AQ-2.1.7 Sidewalks and Bicycle Lanes -- For the purpose of improving air quality, incorporate public sidewalks and Class II bike lanes when improvements triggering a permit are required for projects along major roads and highways or in areas with highways or areas with high pedestrian and bicycle traffic. Amended "Sidewalks and Bicycle Lanes – Public sidewalks and Class II bike lanes should be required, when practicable and appropriate, for projects along major roads and highways and in areas with high pedestrian and bicycle traffic." (Amended during Milestones)</p>		<p>AQ Imp 6 AQ Imp 19 AQ Imp 20</p>	
		<p>AQ-2.1.8 Hazardous Fuels Burning -- All burning should be conducted on appropriate days to minimize the impact on human and ecosystem health and ensure the elimination of smoke from the Region. Where practicable, the use of non-burning</p>	<p>AQ-2.1.8 Hazardous Fuels Burning -- All burning should be conducted on appropriate days to minimize the impact on human and ecosystem health and ensure the elimination of smoke from the Region. <u>Ecological understory burning should be prioritized on burn days.</u> Where practicable, the</p>	<p>AQ Imp 2 AQ Imp 14</p>	

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		methods to reduce hazardous forest fuels should be used.	use of non-burning methods to <u>eliminate biomass waste</u> should be used.		
		AQ-2.1.10 Community Design for Air Quality Improvements -- Incorporate trees and other vegetation and other enhancements into community design to improve air quality and the attraction to non-motorized travel.		No implementation measures developed at this time.	
		AQ-2.1.11 Combustion Engine Emissions -- Reduce emissions from combustion engines to the maximum extent practicable and at the earliest practicable date.		AQ Imp 3 Clean Vehicle Exempt -- Add exemption for AT-PZEVs, ZEVs, and PZEVs. AQ Imp 4 AQ Imp 13 AQ Imp 21 AQ Imp 22 AQ Imp 24	
		AQ-2.1.12 Land Use -- Promote the incorporation of programs and policies that improve air quality in the regional and local land use plans and regulatory processes.		AQ Imp 6 AQ Imp 19 AQ Imp 20 AQ Imp 26	
		AQ-2.1.13 Fugitive Dust -- Reduce the amount of fugitive dust that is re-entrained into the atmosphere from unpaved areas, streets, parking lots, parcels, and construction sites.		AQ Imp 10 AQ Imp 11 AQ Imp 12	

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		AQ-2.1.14 AQ Education --		Existing program. No new implementation measures developed at this time.	ADD as New AQ Implementation Measure: <u>TRPA will provide the technology and internet resources necessary for all air quality monitoring data, as collected by multiple entities, to be housed in one location and real-time information available through TRPA's website.</u>
Goal AQ.2 MOBILE AIR POLLUTION SOURCES -- Plans, programs, and projects that include a mobile source pollution element should reduce air pollutants to their maximum achievable levels at the earliest practicable date.	AQ-2: Mobile Air Pollution Sources: Plans, programs, and projects that include a mobile source pollution element <u>shall reduce air pollutants to their maximum achievable levels at the earliest practicable date. Pollution must be reduced immediately where it impacts air quality threshold standards that have an immediate impact on public health.</u>	Policy AQ. 2.2.1 Transportation Control Measures (TCM) -- "Transportation Control Measures" shall be defined as "any strategy to reduce vehicle trips, vehicle use, vehicle miles traveled, vehicle idling, or traffic congestion for the purpose of reducing vehicle emissions."		AQ. Imp 54 Driveway Locations -- Driveways must be located along side streets whenever possible. AQ. Imp 55 Transit Improvements -- 50% of Government sponsored/financed mass transit would need to have lower emissions per person mile of travel that private automobiles by 2018. AQ. Imp 56 Clean Transit 2025 -- Government sponsored/financed mass transit would need to have lower emissions per person mile of travel than private automobiles by 2025. AQ. Imp 57 Watercraft -- Reduce emissions from watercraft by limiting the number of motorized watercraft, limiting the horsepower, and limiting the number of days of use of watercraft. AQ. Imp 60 Employer Vanpool -- Require employers to operate a vanpool if more than 20 employees live outside a 20-mile radius of their work location. AQ. Imp 61 Improved CMAQ Funding -- Require that CMAQ funding in the Region be limited to projects and programs designed for the attainment or maintenance of the most stringent air quality standards applicable in the Region for ozone, carbon monoxide and particulate matter.	AQ Imp. 60: Employer Vanpool: Require employers to operate a vanpool if more than 20 employees live outside a 20 mile radius of their work location <u>and operate on similar work schedules. Employers shall further incentivize use of vanpools</u>
		AQ-2.2.2 TCM in the Air Quality Plan -- The Air Quality Plan will include Transportation Control Measures that reduce motor vehicle emissions to the maximum extent possible at the earliest practicable date.		AQ Imp 1 AQ Imp 3 AQ Imp 4 AQ Imp 7 AQ Imp 8 AQ Imp 19 AQ Imp 20 AQ Imp 24 AQ Imp 26 AQ. Imp 63 RTP Improvements -- The Regional Transportation Plan shall demonstrate its overall effect on all TRPA Air Quality Thresholds and	AQ. Imp 63 RTP Improvements -- The Regional Transportation Plan shall <u>quantify</u> its overall effect on all TRPA Air Quality Thresholds and standards.

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				standards.	
		<p>AQ-2.2.3 Emissions per Person -- Implement plans, programs and projects for people and goods movement that encourages the lowest emissions per person mile of travel</p>		<p>AQ Imp 1 AQ Imp 4 AQ Imp 6 AQ Imp 7 AQ Imp 8 AQ Imp 19 AQ Imp 20 AQ Imp 24 AQ. Imp 65 Transit Providers -- Transit providers shall provide an emissions inventory of the existing and planned transit fleet and a plan for emission improvements to maximize the ability to meet all air quality standards.</p>	<p>ADD as New AQ Implementation Measure: <u>Emissions per Person Mile (EPPM): All plans and projects must evaluate the emissions per person per mile associated with the project or plan.</u></p> <p>ADD as New AQ Implementation Measure: <u>Phase out diesel for use of mass transit; replace with Best Available Technology. No new diesel vehicles or watercraft can be purchased for mass transit use.</u></p> <p>ADD as New AQ Implementation Measure: <u>Coordinate with local school districts to seek grants to replace diesel buses with Best Available Technology.</u></p> <p>ADD as New AQ Implementation Measure: <u>When technology becomes available coordinate with jurisdictions to seek funds to replace diesel heavy equipment with Best Available Technology.</u></p>
		<p>AQ-2.2.4 Movement Synchronization & Integration -- Integrate and synchronize the signal network to improve air quality and provide priority to bicycles and pedestrians at facilities, intersections, and driveways.</p>	<p>AQ-2.2.4 Movement Synchronization & Integration -- Integrate and synchronize the signal network to improve air quality and provide priority to bicycles and pedestrians at facilities, intersections, and driveways <u>while maintaining traffic flow.</u></p>	<p>AQ Imp 6 AQ Imp 21 AQ Imp 22</p>	
		<p>AQ-2.2.5 Non-Motorized Movement Bicycles -- Install Class 2 bike lanes on all major travel routes when the curb line is altered or improved or when major work is performed along that area.</p>		<p>AQ Imp 6 AQ Imp 20</p>	

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		<p>AQ-02.2.6 Non-Motorized Movement Pedestrians -- Maintain year-round bicycle and pedestrian facilities in urbanized areas and along transportation routes used for commuting.</p>		<p>AQ Imp 6 AQ Imp 19</p>	
		<p>AQ-2.2.7 Traffic Conflicts -- Improve air quality by reducing traffic conflicts.</p>		<p>AQ Imp 21 AQ Imp 22 AQ Imp 26</p>	
		<p>AQ-2.2.8 Level of Service (LOS) -- Attain and maintain functional vehicle delay standards for the Region's road system and signalized intersections.</p>		<p>AQ Imp 24 AQ. Imp 36 Level of Service -- Level of service (LOS) criteria for the Region's road system and signalized intersections during peak periods shall be: <ul style="list-style-type: none"> o Level of service "C" on rural recreational/scenic roads. o Level of service "D" on rural developed area roads. o Level of service "D" on urban developed area roads. o Level of service "D" for signalized intersections. o Level of service "E" may be acceptable during peak periods in urban areas, not to exceed four hours per day. Existing G&P II-6 7.F</p>	
		<p>AQ-2.2.9 Transportation Participation -- Participate in state and local transportation planning efforts to ensure coordination and consistency with air quality objectives and to strengthen linkages between air quality and transportation.</p>		<p>Existing practices; No implementation measures developed at this time.</p>	

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		<p>AQ-2.2.10 Emission Estimates -- TRPA's Transportation plans and projects shall include an estimate of their expected emissions, measured in pounds for each criteria pollutant.</p>		<p>AQ Imp 24</p>	
		<p>AQ-2.2.11 Attainment of ETCC -- The goal of TRPA's Transportation Plan shall be to reduce to the extent feasible air pollution caused by transportation activities and to attain and maintain the Environmental Threshold Carrying Capacities.</p>	<p>AQ-2.2.11 Attainment of ETCC -- The goal of TRPA's Transportation Plan shall be to reduce to the extent feasible air and water pollution caused by transportation activities and to attain and maintain the Environmental Threshold Carrying Capacities.</p>	<p>AQ Imp 1 AQ Imp 3 AQ Imp 4 AQ Imp 6 AQ Imp 7 AQ Imp 8 AQ Imp 13 AQ Imp 19 AQ Imp 20 AQ Imp 21 AQ Imp 22 AQ Imp 24 AQ Imp 26 AQ Imp 28 AQ Imp 29 AQ Imp 36</p>	
		<p>AQ-2.2.12 TCMs -- TRPA's Transportation Plan shall include TCMs that reduce vehicle emissions to the maximum extent possible and at a minimum be designed and implemented to ensure that air quality standards are attained and maintained at levels at that are considered healthy for humans and our ecosystem at the earliest practicable date.</p>		<p>AQ Imp 1 AQ Imp 3 AQ Imp 4 AQ Imp 6 AQ Imp 7 AQ Imp 8 AQ Imp 13 AQ Imp 19 AQ Imp 20 AQ Imp 21 AQ Imp 22 AQ Imp 24 AQ Imp 26 AQ Imp 36</p>	

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<p>Goal AQ.3 VISIBILITY -- Visibility in the Region is maintained at a level that does not interfere with the protection, preservation, or enjoyment of the residents' or visitors' visual experience.</p>		<p>Policy AQ. 2.3.1 Visibility -- Reduce or limit sources of pollutants that degrade visibility.</p>	<p>Policy AQ. 2.3.1 Visibility -- Reduce or limit anthropogenic sources of pollutants that degrade visibility.</p>	<p>AQ. Imp 18 Stove Mit Program -- All properties containing a wood stove shall pay an air quality mitigation fee per unit. AQ. Imp 43 Fugitive Dust -- Fugitive dust BMPs would be required at the time of sale for all properties. AQ. Imp 44 Driveways -- All unpaved driveways must be paved within 5 years. AQ. Imp 45 Leaf Blowers -- The use of leaf blowers would be prohibited. AQ. Imp 46 Track-Out -- Track-out devices would be required for construction and industrial areas to prevent materials from being tracked onto other properties or roadways. AQ. Imp 47 Dirt Roads -- All dirt roads must be decommissioned or BMP'd by 2015. AQ. Imp 48 Motorized Off-Road -- Motorized off-road use would be prohibited on all non-BMP'd roads. AQ. Imp 49 Forest Fuels 60% -- Forest fuels reduction efforts shall reduce PM emissions by 60% compared to open burning emissions levels. AQ. Imp 50 Fuels & Slopes -- Burning for forest fuels reductions would be prohibited on slopes less than 30 % within 1/4 mile of a road or suitable staging areas. AQ. Imp 51 Wood Stove Removal -- All non-pellet wood stoves and fireplaces shall be removed within 5 years.</p>	<p>AQ. Imp 44 Driveways -- All unpaved driveways must <u>have BMPs installed within 3 to 4 years.</u> AQ. Imp 45 Leaf Blowers -- The use of leaf blowers <u>is prohibited.</u> AQ. Imp 50 Fuels & Slopes -- <u>Pile burning for forest fuels reductions would be prohibited on slopes less than 30% within 1/4 mile of a road or suitable staging areas, except where removal of biomass would cause more environmental harm than pile burning.</u></p>
		<p>Policy AQ. 2.3.2 Street Sweeping/Vacuums -- Utilize appropriate equipment and sweep roads frequently enough to prevent potentially harmful accumulation and distribution of materials.</p>		<p>AQ. Imp 40 Sweepers -- All sweepers operating in the Region must us BACT and be certified by ETV Canada or other suitable verification agencies to advanced emission protocols. AQ. Imp 41 Street Sweeping -- All highways and</p>	<p>(DELETE AQ Imp 40: see proposed AQ Imp 11): (DELETE AQ Imp 41: covered by Board-modified AQ Imp 12) AQ. Imp 42: Fugitive Dust: <u>Unless weather or surface</u></p>

Stakeholder Alternatives Matrix Form

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				<p>major streets must be swept once per week and the remaining streets must be swept twice per month.</p> <p>AQ. Imp 42 Fugitive Dust -- Street sweeping to recover deicing materials would be required immediately after a storm event and be completed within 4 days. (Deleted during milestones).</p>	<p>conditions render road sweeping impossible, street sweeping to recover <u>anti- and de-icing</u> materials would be required immediately after a storm event and be completed within 4 days.</p>
		<p>Policy AQ. 2.3.3 Paving of Roads, Driveways, Parking Areas -- All unpaved roads, driveways, and parking areas should be paved or treated to an acceptable level at the earliest practicable date.</p>		<p>AQ. Imp 47 AQ. Imp 48</p>	
		<p>AQ-2.3.4 Burning and Visibility -- All burning should be conducted on appropriate days to ensure air quality standards are maintained and that the maximum dispersion and elimination of pollutants occurs.</p>		<p>AQ Imp 2 AQ Imp 14 AQ Imp 15 AQ Imp 16 AQ Imp 17</p>	
		<p>AQ-2.4.1 AQ Mitigation Fees -- Collect the appropriate mitigation fees and expend air quality mitigation fees on measures that offset AQ emissions.</p>		<p>AQ Imp 8 AQ Imp 28 AQ Imp 29</p>	
		<p>AQ-2.4.2 AQ Fee on Rental Cars -- Air quality mitigation fees shall be assessed on rented vehicles.</p>		<p>AQ Imp 3 Minor changes to existing code</p>	

Air Quality

TRPA Staff Proposed Goal	Suggested Goal Language	TRPA Staff Proposed Policy *	Suggested Policy Language **	TRPA Staff Proposed Implementation Measure	Suggested Implementation Measure
<p>Goal AQ 4 AIR QUALITY MITIGATION -- An adequate air quality mitigation program, including air quality mitigation fees, is maintained for the Region.</p>	<p>AQ 4: Air Quality Mitigation: An adequate air quality mitigation program, including air quality mitigation fees, is maintained for the Region. <u>The mitigation program is separate from mitigation programs associated with Transportation.</u></p>	<p>Policy AQ. 2.4.3 Mitigation Fund --</p>		<p>AQ. Imp 58 Improved Mitigation -- New projects, programs, and planning efforts will need to mitigate their air quality impacts at a 3.0 to 1.0 ration for all non-attainment air pollutants.</p>	<p>Imp 58 Improved Mitigation -- New projects, programs, and planning efforts <u>must result in a net reduction in air pollution</u> for all non-attainment air pollutants.</p>
				<p>Amended from milestone: Staff will update the 1992 Air Quality Plan (AQP) to identify and rank projects for inclusion in the Environmental Improvement Program (EIP). The projects would be prioritized by cost effectiveness in providing air quality improvements; EIP projects requesting Air Quality Mitigation Funds would be disbursed to the highest ranked projects first requesting Air Quality Mitigation Fund in providing air quality improvements; EIP projects requesting Air Quality Mitigation Funds would be disbursed to the highest-ranked projects first, based in part on cost-benefit. A portion of these funds may be allocated to Basin wide projects. (Amended during Milestones).</p>	
					<p>Up to <u>50</u> percent of Air Quality Mitigation Funds may be set aside for operations and maintenance of vacuum sweepers and other ongoing activities that provide a significant and direct benefit to air quality.</p>

*Alternative 4 policy statements were prepared with the best publically available information from the TRPA and some of the information may be out-of-date. Additionally, according to TRPA staff, some details are lacking in Alternative 4 that may have been fully developed in Alternative 2.

**Similar to any RPU alternative, the Conservation Alternative needs to be subjected to the same rigorous environmental analysis to determine if its policies and implementation measures are sufficient for ETCC achievement and maintenance.

Italics identify policy or implementation that were revised as part of the Milestone process – it is unclear from the documents provided if the changes are in reference to Alt 2 or both Alt 2 and Alt 4.

The Conservation Alternative Policies and Implementation Measures and related code amendments must strengthen and implement restriction without variance procedures, exemptions, exceptions and will require enforcement in a timely manner.