2010-2011

CONGESTION MITIGATION AIR QUALITY PROGRAM (CMAQ)

QUANTITATIVE SCORING CRITERIA AND SUMMARY SHEET

Lead Agency	
Project Name	

SECTION I GENERAL QUALIFYING CRITERIA CHECKLIST

□ Yes	□ No	Has the project submitted results of emissions reduction modeling, or the results of emission reduction projections?
□ Yes	□ No	Is the project consistent with Yakima Valley MPO/RTPO Transportation Plan and local land use plans?
□ Yes	□ No	Does this project relate directly to congestion relief programs or measures?
□ Yes	□ No	Does this project significantly reduce transportation-related emissions?
□ Yes	□ No	Has the project secured a local match or partnership funds?
□ Yes	□ No	Is the project ready to proceed?
□ Yes	□ No	If a program, does it have a timeline for implementation and a cost estimate?

SECTION II TECHNICAL CRITERIA SCORING

The scores in the section are weighted to reflect their effectiveness in producing air quality improvements for the region. Each project submitted for funding has been evaluated relative to its effectiveness in producing reduced PM_{10} emissions. Projects for which modeling was required must submit the results of the model run as part of the application packet. Please refer to the scoring notes section beginning on page 2 of this document. **NOTE: Threshold value for PM_{10} is 927 tons –**

High: This project has the potential to produce long-term benefits for may users, involves multi modes, and produces system wide improvements in air quality by reducing PM_{10} emissions of **10% or greater over threshold.**

Medium: This project has the potential to produce long-term benefits for many users, involves multi modes, and produces system wide improvements in air quality by reducing PM10 emissions of **5-9% over threshold.**

Low: This project produces short-term benefits for few uses, involves one or no transportation mode, and will be a spot improvement rather than a system-wide improvement, and reduces PM_{10} emissions by **0-4% over threshold.**

CRITERIA	***HIGH (5 points)***	***MEDIUM (3 points)***	***LOW (1 point)***	***TOTAL***
Air Quality (x6)				
Congestion Relief (x6)				
Multi Modal Solutions (x2)				
Cost Effectiveness (x1 each criteria)	PM_{10}	PM_{10}	PM_{10}	PM_{10}
	VMT	VMT	VMT	VMT
Financial Implementation (x4)				

TOTAL POINTS (All Categories) _____

SECTION III TECHNICAL CRITERIA: SCORING GUIDANCE

Air Quality: Percent Reduction Estimate in PM_{10} Pollutants

The criteria are:

1. Pollution reduction in percentage over current levels of PM_{10} quantitative measure by modeling (Note: It is the applicant's responsibility to contract for the modeling.)
2. Program or projects that are classes as categorically exempt from conformity modeling are automatically awarded high points.

Percentage equates to raw point score (before weighting).

High	**Medium**	**Low**
10% +	5-9% +	1-4% +

Congestion Relief: Percent Reduction in VMT and/or Vehicle Trips

The criteria are:

1. VMT reductions, vehicle trip reductions, quantitative measures by modeling.
2. Project addresses a corridor or corridors that experiences moderate, serious, or severe a.m. and or p.m. peak hour congestion (LOS of D, E, or F).
3. Quantitative measure of improvement in level of service over complete corridor or area served by project.

Percentage equates to raw point score.

High	Medium	Low
5% +	3-4% +	0-2% +

Multi Modal: Percent Reduction in Single Occupancy Vehicle (SOV) Travel

The criteria are:

1. Reduction in average daily vehicle trips, quantitative measure by modeling.
2. Benefits two or more modes of travel.

Percentage equates to raw point score.

High	Medium	Low
2% +	0.5-1.9%	0-0.4%

Cost Effectiveness: Cost Ratio for Tons of Emissions/$ or VMT Reduced/$

The criteria are:

1. Is the program/project cost effective for PM_{10} reduction.
2. Is the program/project cost effective for VMT reduction.

Points awarded according to how well the project addresses both criteria.

Cost Effectiveness	High	Medium	Low
VMT	Above 0.40	0.04 - 0.39	0 - .039
PM_{10}	Above $2.1x10^{-6}$	$2.1x10^{-8}$ - $2x10^{-6}$	0 - $2x10^{-8}$

Financial Implementation Scoring: Ability to Begin Project

The criteria are:

1. Extent to which project is ready to obligate funding immediately upon funds becoming available.
2. All needed documentation and certification has been completed to begin project (i.e. environmental documentation completed, right of way (RW) acquired).
3. Matching funds are secured and accessible when needed for the project.

Points awarded according to how well project addresses all three criteria

High	Medium	Low
7-9 points	4-6 points	1-3 points