

***DRAFT* 308 Regional Haze SIP/TIP Relationship Table
Work Products to Road Map (as of 12-14-04)
~ Alpha Sorted by Work Product Code ~**

WRAP Work Plan Forum Product Code	WRAP Work Product	Start Date; Completion Date	Road Map Location
AMC3 ¹	Health-based Effects of Regional Haze	Pending	10
AMC4	Traditional Tribal Practices and Regional Haze	?	9, 10
AMR1	VIEWS Data Base	2002; funding ends 2006	2
AMR2	Causes of Haze Report (Phases I & II)	2003; 8/05 (II start) - 2006	1, 2
AoH1 (WG)	Attribution of Haze Project – Phase 2; Report tied to AoH2 (Phase I Final - 1/05)	2004; start II 7/05 (12/06)	1, 5
AoH2 (WG)	Technical Data Portal Project (WRAP Integrated Geospatial Information Management Strategy (WIGIMS) – eventual tie to “weight of evidence” demonstrations	2004; 1/05 (refined thru 2006?)	1, 5
DF1	Common Definition of Dust & Dust Types	2004; early 2005	1, 5, 6
DF2	Enhanced Ambient Data Analysis	2004; ongoing	1, 2, 5, 6
DF3	Fine Fraction of Dust	Early 2005; mid 2005	2, 5
DF4	Wind Blown Dust Inventory Improvement	Early 2005; mid 2005	2, 5
DF5	Fugitive Dust Handbook; Website	2004; ongoing	1, 5, 6
DF6	Analysis of Sources and Control Options in High-Dust Areas	2006?	1, 5, 10
EA2	Baseline Economic Data for States & Tribes	?	8, 10
EA3	Enhancement of Cost-Benefit Unit Values (of ongoing analysis of off-road scenarios for AZ, MT and ND – agriculture and construction)	2004; ?	8, 10
EA4	Screening Tool (for current economic analysis framework re off-road scenarios for AZ, MT, and ND; control strategies “packages”	2004; framework 12/04; rest ?	8, 10
EA5	Coordination and Outreach of Economic Data (to all forums, tribes, stakeholders)	?	8, 10
EA6	Economic Assessment Capability (e.g., stakeholder driven activities ranging from answering questions to partner with stakeholders on specific requested analysis)	?	8, 10

¹ Work Product codes are NOT included in this Relationship Table for projects included in the WRAP Work Plan that involve workshops versus specific projects or deliverables.

***DRAFT* 308 Regional Haze SIP/TIP Relationship Table
 Work Products to Road Map (as of 12-14-04)
 ~ Alpha Sorted by Work Product Code ~**

WRAP Work Plan Forum Product Code	WRAP Work Product	Start Date; Completion Date	Road Map Location
EF (04)	Inventory Improvement for ammonia	10/04 (final?)	1, 2
EF (04)	Glide Path Formula for estimation of uniform rate of progress	2004; ? final	8
EF1	EDMS (QA/QC, operational, fire modules, and 2018 base case/control strategies point & area source projections)	Late 2004; 4/05 – 6/05 and thruout	2, 5, 7
EF3	Mobile Source Base and Projection Updates	Proposed 2004 but expanded; early 2005	2, 5, 7
FF “B”	Model Assessments, Sensitivity Runs	2004; late 2004 to early 2005	2, 8
FF “C”	2002 Inventory – Phase II	2003; late 2004	2
FF “D”	Sensitivity Runs – Phase II: Regional, Mesoscale	2003; on hold until FF “B” complete	2, 8
FF1	Wildland Fire Effects, Trade-off Model Review	2004; ?	5, 10; later 2
FF2	Categorization Guidance – Difference Between Restoration & Maintenance; updating WRAP <i>Policy for Categorizing Fire Emissions</i>	2004; ongoing	1, 6, 10
FF5	Fire Tracking System/Emissions Data Management (re Enhanced Smoke Mgmt. Plans or ESMPs)	?	10
FF6+3	Phase III and IV Inventories – Preliminary Apportionment Methods	2004; 3/05 (III) and 5/05 (IV)	2, 5
FF7	2002 National Wildfire Inventory	2004; ongoing	2
FF8	Quantitative Methods for Calculating Emissions Benefits of Emission Reduction Techniques (ERTs) re Annual Emissions Goal (AEG) Policy for ESMPs	?	10
FF9	Regional Coordination of SMgmt Programs	2005; ?	9, 10

***DRAFT* 308 Regional Haze SIP/TIP Relationship Table
 Work Products to Road Map (as of 12-14-04)
 ~ Alpha Sorted by Work Product Code ~**

WRAP Work Plan Forum Product Code	WRAP Work Product	Start Date; Completion Date	Road Map Location
IN1	Replace 1996 maps, data with 2002 maps, data; coordinated with EDMS (new data?)	Moved to early 2005; ?	2, 5
IN2	In & Near Strategies for Reasonable Progress	2004: ?	8, 10
IO1	Reasonable Progress Criteria	2006 (too late?)	8
IO2	Process for Identifying Control Strategies	2006; too late?	10
MF (04) and EF (04)	Control Strategies Emissions Inventories	2004; 9/05 – 12/05 and 11/05 for EI	8
MF1	Modeling (by Regional Modeling Center); Base Case/CoHA concept model (3/05); performance eval (4/05); 2018 base case EDMS/CoHA refinement (6/05)	2004; through 2005	5, 6, 7
MF2 (AK)	Alaska Regional Modeling	2004; early 2005	5, 6, 7
MS1	Off-road Retrofit Program (incentive-based)	?	10
MS2	Off-road Retrofit Credits (tied to Tier IV regulations, EPA assistance)	?	10
MS3	Review of EPA Analyses and Proposals (for small non-road diesel engines, locomotives, and ocean-going vessels)	?	8, 10
PP2	Renewable Energy Tracking & Certificates	?	8, 10
PP3	Transmission Reform (e.g., wind energy integration into the grid)	?	8, 10
PP5	Displaced Emission Analysis (e.g., capturing best practices from renewable energy and energy efficiency programs)	?	8, 10
PP6	Clean Energy Initiative (e.g., 30,000 megawatts from wind, solar, geothermal, biomass, clean coal, and advanced gas by 2015)	2004; ongoing	8, 10

***DRAFT* 308 Regional Haze SIP/TIP Relationship Table
 Work Products to Road Map (as of 12-14-04)
 ~ Alpha Sorted by Work Product Code ~**

WRAP Work Plan Forum Product Code	WRAP Work Product	Start Date; Completion Date	Road Map Location
SS (04)	Oil & Gas and point source EI projections	Late 2004; ?	1, 2
SS1	Identification of BART-eligible sources (SOX, NOX and PM) ²	Early 2004; late 2004	3
SS4	Emissions & Control Technology Analysis (NOTE: Federal BART rule due 4/05)	?	3, 4, 8, 10
SS5	Regional Stationary Source Strategy Development	?	3, 4, 8, 10
TW1	Emissions Data Support (of Phase III)	2004; ?	2
TW5	Emissions Inventory & TEISS Technical Support	2004; ?	2
TW6	Emissions inventory of point sources on tribal lands; done in collaboration with SSJF and EF	?	2

² WRAP will NOT be conducting the following SS tasks/projects: identification of which BART-eligible sources should be subject to BART; emission reductions from application and operation of BART; and determination of non-BART sources and impacts from their emissions and emission reductions.