RAMBOLL

ENVIRONMENT
& HEALTH

WRAP-WESTAR MOBILE SOURCE INVENTORY PLAN: Revised project milestones and tentative schedule.

Highlights Below: Teleconference / Agency Review Period

Associated Task	Schedule item	Description	Assigned to	Item Duration[1]	Due Date (s)
Task 1 Emission inventory development plan Task 7 Communications	1. Deliverable	Emissions inventory plan matrix	Ramboll	n/a	Wed 9/25/19
	2. Milestone	2016v1 MP package release	EPA	n/a	Wed 10/2/19
Task 2 SMOKE-MOVES vehicle emission inventory Task 7 Communications	3. Deliverable	Spreadsheet summarizing activity and methods for onroad in 2014 WRAP and 2016v1 inventories for agency review	Ramboll	1 week	Thu 10/10/19
	4. Teleconference	Teleconference with agencies. Ramboll to present onroad SMOKE-MOVES methods summary and input request.	Ramboll, WRAP member agencies	1 day	Thu 10/10/19 or Fri 10/11/19 or Mon 10/15/19
	5. Agency Review	Input from agencies for onroad SMOKE-MOVES. Requested data examples: • Annual or Monthly Vehicle Miles Traveled by MOVES2014 Source Classification Codes (SCC) for 2028 • Annual Population by SCC for 2028 • If 2028 absolute data not available, delta growth factors between 2014 and 2028 by vehicle class may also be provided MOVES model inputs such as age distributions, IM program information, and other MOVES model inputs are not being requested. These inputs will not be updated from EPA 2016v1 values.	WRAP member agencies	10/10/19 thru 10/21/19	Mon 10/21/19

Associated Task	Schedule item	Description	Assigned to	Item Duration[1]	Due Date (s)
Task 3 Off-road equipment emission inventory development Task 4 Rail, marine, and airport emission inventory development Task 6 Reporting Task 7 Communications	6. Deliverable	Memorandum & presentation slide deck of 2016v1 inventories, methods, results, and potential input from agencies for off-road, marine, rail, aircraft categories	Ramboll	2.5 weeks	Fri 11/8/19
	7. Teleconference	Teleconference with agencies. Ramboll to present off-road methods summary and input request.	Ramboll, WRAP member agencies	1 day	Tue 11/12/19 or Wed 11/13/19
	8. Agency Review	Input from agencies for off-road categories. Input data examples: • Emissions by County and SCC • Growth factors for emission categories from 2016 to 2028 • Other inputs to be determined based on review of EPA MP 2016v1	WRAP member agencies	11/11/19 thru 11/21/19	Thu 11/21/19
Task 6 Reporting	9. Deliverable	Final memorandum and presentation slide deck summarizing inventory methods, outreach, updates, and final results.	Ramboll	3 weeks[2]	Mon 12/16/19
Task 5 SMOKE processing for all off-road sectors	10. Deliverable	Air Quality Model (AQM)-model ready emission inventory input files	Ramboll	1 week[2]	In-time for AQM start prior to winter holiday

[1] Elapsed time between milestones and deliverables is consistent with durations described in the 08/26/19 scope of work, however, deadlines for deliverables from Tasks 2-6 have been shifted to a later date based on release date of 2016v1 modeling package. Elapsed time considers national holidays.

[2] Time for deliverable preparation will be dependent on time required to implement agency input