

# **WRAP OGWG: O&G EI**

## **PHASE 2 STATUS UPDATE**

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December 11, 2018

# OUTLINE

**Additional Tasks**

**01**

Survey

02

Looking Forward

03

# ADDITIONAL TASKS

- **1g:** Provide expert review of EPA 2016 modeling platform (MP) inventories for WRAP Region
  - Base Year 2016 Review
    - Compare changes (1) from 2014 WRAP OGWG Inventory v1 to 2016 MP Inventory to (2) changes from 2014 to 2016 O&G activity. Flag issues and suggest remedies.
    - Deliverable: Brief write-up for each state with a list of recommended updates
    - Schedule: January 2019
  - Future Year Forecast Review
    - Leverage WRAP OGWG projection work (less aggressive schedule compared to 2016 MP)
    - Develop “factor-based” adjustments for limited activity metrics in 5-7 basins
    - Deliverable: Memo describing methodology by which EPA may develop WRAP Region O&G projection factors for 5-7 basins
    - Schedule: Spring 2019

# ADDITIONAL TASKS

- **1h:** Additional Support to Agencies on the WRAP OGWG Survey
  - Conference calls to determine status, answer questions, provide support, and determine next steps
  - Minor changes to survey prior to release to operators
  - In-house data compilation support scoping
  - Deliverable:
    - Teleconferences
    - Survey updates with minor modification for distribution to operators
    - Scoping for integration of state agencies' in-house data into the survey
  - Schedule: End of December

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# SURVEY OVERVIEW

- Survey is being filled-out in two phases
  - Phase 1: Agencies (based on internal data sets)
    - No surveys received to-date (due date was Dec. 3)
    - Ramboll is providing additional support to agencies (Task 1g)
      - Calls scheduled for 12/7-12/11 with UTDEQ, WYDEQ, NMED, CA ARB, MTDEQ
  - Phase 2: Operator – Initial schedule was for agencies to send these out the week of Dec. 10 (next week)
- Individual agency responsibilities
  - Phase 1:
    - Filling-out survey with internal data
    - Determine which basin and operators the survey will be sent to and the survey components the operators will be requested to provide
  - Phase 2:
    - Send the survey to operators and perform operator follow-up (Ramboll staff available to answer technical questions)

# SURVEY SCHEDULE

Activity	Months															
	Nov			Dec			Jan			Feb		Mar		Apr		
Survey distribution (with top operator activity data) to state agencies	■															
Agencies fill-out survey based on information from their internal databases	■	■	■	■	1											
Ramboll Consultation Support to Agencies (Task 1g)				■	■	■										
Surveys distributed to operators to fill remaining data gaps					■	■										
Operators fill-out surveys					■	■	■	■	1							
Ramboll compiles and analyzes survey data					■	■	■	■	■	■	■					
Ramboll delivers survey results memorandum										■						
WRAP OGWG members provide comments on survey results memorandum											■	■				
Ramboll incorporates survey results into base year inventory										■	■	■	■	■		
Ramboll delivers draft version 2 base year inventory and report													■			
WRAP OGWG provides comments on draft base year inventory (version 2) and report														■	■	
Ramboll delivers final base year inventory (version 2) and report																■

- Project Management Team and Ramboll Collaborative Activity
- State agency / operator activity
- Ramboll Activity

- 1 Survey due back to Ramboll
- 2 Individual agencies determine (1) whether survey is distributed to operators in their jurisdiction, (2) basins for which to collect operator data, and (2) what survey information to be requested of operators if the survey is distributed.
- 3 Contract schedule indicates delivery of final report on Feb. 1

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# STATUS

- Task 1: Base Year Inventory
  - Complete: Base year (version 1) inventory and O&G activity complete
  - In-progress: Survey
  - Next steps: Survey support and incorporation of survey results into the base year inventory when survey is completed by agencies and operators.
  - Agency comment will be requested on (1) survey compilation memo in late Feb. and (2) base year v2 inventory and report in Spring 2019
- Task 2: Forecast 2028 Inventory (On-the-books controls)
  - Completed: Compilation of historical activity, supply, and demand
  - Next step: Identify forecast scenarios; agency comment will be requested on scenarios in Feb. 2019
- Task 3: Forecast 2028 Inventory (Additional reasonable controls)
  - Not yet started
- Task 4: O&G Program and Emission Management Review
  - Not yet started

# STATUS, SCHEDULE & LOOKING AHEAD

Activity	2018		2019							
	Nov	Dec	Jan	Feb	Mar	Apr	May	Summer	Fall	Winter
<b>Task 1: Base Year Inventory</b>										
Agencies fill-out survey based on their internal databases										
Ramboll Consultation Support to Agencies (Task 1g)										
Surveys distributed to operators to fill remaining data gaps										
Operators fill-out surveys										
Ramboll compiles and analyzes survey data										
Ramboll delivers survey results memorandum										
WRAP OGWG members provide comments on survey results memo										
Ramboll incorporates survey results into base year inventory										
Ramboll delivers draft version 2 base year inventory and report										
WRAP OGWG comments on draft base year inventory (v2) and										
Ramboll Modeling Platform Review										
Ramboll delivers final base year inventory (v2) and report										
<b>Task 2: Future Year Inventory: On-the-books and On-the-way (OTB and OTW) Controls</b>										
Identify forecast scenarios										
OTB and OTW Emission Controls										
OTB and OTW controls future year inventory and report										
								<b>Task 3: Future Year Inventory: Additional Reasonable Controls</b>		
Identify Additional Reasonable Controls for Oil and Gas Sources										
Additional Reasonable controls future year inventory and report										
								<b>Task 4: O&amp;G Programs and Emission Management</b>		
Identification and Review of Member Agency Oil & Gas Programs										

- Project Management Team and Ramboll Collaborative Activity
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**END**