# AQAP Task Update

<table>
<thead>
<tr>
<th>Technical Tasks</th>
<th>Status</th>
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<tbody>
<tr>
<td>Comm. Medical Needs Assessment</td>
<td>Completed</td>
</tr>
<tr>
<td>I-710 Near Roadway Modeling</td>
<td>Internal Draft Completed</td>
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<tr>
<td>I-710 Ultrafines</td>
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<tr>
<td>Air Quality Protocol</td>
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<tr>
<td>Compendium Update</td>
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<tr>
<td>Quantitative Air Quality Analysis</td>
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</tr>
<tr>
<td>I-710 Construction Staging and Phasing Assessment</td>
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<tr>
<td>The I-710 Health Impact Assessment</td>
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<td>Task starts in 2012</td>
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## Remaining Tasks

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AQAP Toolkit Development Process

Compendium Update → Early Actions → AQAP Toolkit Development

AQ/HRA Protocol → Emission Inventory → AQ/HRA

AQ Strategies → Hot Spot Assessment

Notes:
CSP - I-710 Construction Staging and Phasing
Ultra - Ultrafine Research
CMNA - Community Medical Needs Assessment
HIA - Health Impact Assessment
**AQAP 12 Month Outlook**

- **Nov-Dec 2011**: Peer Review Methodology
- **Jan-Mar 2012**: Early Action Projects, HIA Peer Review
- **Apr-Jun 2012**: Develop and Prioritize High Priority Measures
  - Analysis of Impact of New Measures
  - Define High Priority Air Quality Measures
- **Jul-Sep 2012**: Meeting to review technical analyses
  - Meeting to provide feedback on toolkit measures
- **Oct-Dec 2012**: Development of Air Quality Action Plan
AQAP Task Updates
I-710 Health Impact Assessment

- HIA Work Product produced
- Transmitted to Caltrans for informational purposes only
- Additional roundtables ongoing to further review recommendations
- Peer review process under development.
Early Action Support

- Completed evaluation of status of Early Action Items
- Initiated Research on remaining Early Action Implementation.
- Conducted Workshop with PDs and PWs
- Initial Findings in January
Quantitative Air Quality Analysis

- Baseline emissions developed from AQMD data
- Currently updating with 3rd party measures for years 2009, 2023, 2035
- Developed meteorological inputs for AQ modeling
Health Risk Assessment

• Methodology developed through HRA working group.
• Inventory and dispersion modeling underway.

Develop AQ forecasts 2009, 2023, 2035
Develop inputs into HRA modeling (Dec)
Compare health impacts in 2008, 2023, 2035. (June)
Evaluate effectiveness of new measures (Dec 2012)
Include in Air Quality Analysis Report (Jan 2013)
Analysis of New Air Quality Measures

- Initial 3rd party measures identified as part of compendium update
- Underway: reviewing list and including new 3rd party measures in modeling
- Next steps: develop list of new measures, quantify in modeling, evaluate effectiveness
- New measures presented to committees in second half of 2012.
HIA Peer Review Process
**AQAP Task Update**

The I-710 Health Impact Assessment Peer Review

- HIA work product completed on November 8.
- Methodology and scope of work underway
- Possible output: companion report of peer review comments and roundtable feedback (Feb).

- Complete HIA Work Product
- Develop Peer Review Methodology & Scope of Work
- Choose Peer Review Coordinator (Nov)
- Assemble Peer Review Panel (Nov)
- Conduct peer review (Jan/Feb)
- Submit peer review to Caltrans as a companion to the HIA (Feb)
Thank You

Questions or Comments?