**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Lead Agency (FHWA or State DOT): Washington State Department of Transportation

**INSTRUCTIONS:**

*Project Managers and/or research project investigators should complete a quarterly progress report for each calendar quarter during which the projects are active. Please provide a project schedule status of the research activities tied to each task that is defined in the proposal; a percentage completion of each task; a concise discussion (2 or 3 sentences) of the current status, including accomplishments and problems encountered, if any. List all tasks, even if no work was done during this period.*

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| **Transportation Pooled Fund Program Project #***(i.e, SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX)*TPF 5 (284) | **Transportation Pooled Fund Program - Report Period:**□Quarter 1 (January 1 – March 31)□XXQuarter 2 (April 1 – June 30)□Quarter 3 (July 1 – September 30)□Quarter 4 (October 1 – December 31) |
| **Project Title:****Near Road Air Quality Research** |
| **Name of Project Manager(s):****Jon Peterson** | **Phone Number:****360 705-7499** | **E-Mail**peterjn@wsdot.wa.gov |
| **Lead Agency Project ID:** | **Other Project ID (i.e., contract #):** | **Project Start Date:**September 2013 |
| **Original Project End Date:****December 2018** | **Current Project End Date:****December 31, 2019** | **Number of Extensions:** |

Project schedule status:

□ On schedule □XX On revised schedule □ Ahead of schedule □ Behind schedule

Overall Project Statistics:

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|  **Total Project Budget** |  **Total Cost to Date for Project** |  **Percentage of Work**  **Completed to Date** |
| 1,020,000 |  |  |

***Quarterly*** Project Statistics:

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|  **Total Project Expenses**  **and Percentage This Quarter** |  **Total Amount of Funds**  **Expended This Quarter** |  **Total Percentage of**  **Time Used to Date** |
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| **Project Description**:The Tasks described in the study plan are underway. Progress on the project is on schedule and budget. Please contact RJon Jon Peterson (360) 705-7499 if there are any questions or our technical monitor and air quality specialist Karin Landsbergat (360)705-7491 or landsbk@wsdot.wa.govWe are continuing to look for other interested partners in this project.  |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):*** TO 1 – Revised an article submission on Denver and Indianapolis case study for peer-review; it was published in May in the *International Journal of Environmental Research and Public Health*. Presented TPF findings to the AASHTO AQCCES. Responded to comments from pooled fund partners.
* TO 2 – Addressed comments from TPF partners on the draft peer-review article for the Indianapolis case study, and made substantial progress adding Providence case study results to the manuscript comparing modeled and measured near-road air quality.
* TO 3 – Completed the background concentration subtask. Responded to pooled fund partner comments on the first draft of the “data fusion” project report, and shared a second draft for TPF review. This covered near-road PM2.5 increments, forecasted changes in fleet emissions, and a framework for using the findings during interagency consultation.
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| **Anticipated work next quarter**:The contractor will finalize the TO 2 modeled vs. measured near-road analysis work involving Indianapolis and Providence analyses, and prepare a submission of the findings for peer-review publication. The contractor will finalize the TO 3 work on near-road PM2.5 increments, and prepare a submission of the findings for peer-review publication. Under TO 1, the contractor will continue work to draft a final overall report as well as a brief highlights discussion of the major findings from the pooled fund. We are waiting for a fund transfer to finish the scope of work by December.  The fund transfer should occur next quarter. The project is scheduled to end December 31, 2019. |

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| **Significant Results:** |
| **Circumstance affecting project or budget. (Please describe any challenges encountered or anticipated that** **might affect the completion of the project within the time, scope and fiscal constraints set forth in the** **agreement, along with recommended solutions to those problems).** |

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| **Potential Implementation:**  |