**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)  □Quarter 2 (April 1 – June 30)  □XXQuarter 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:**  **June 30, 2019** | | **Number of Extensions:** |

Project schedule status:

XX□ On schedule □ 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 Landsberg  at (360)705-7491 or [landsbk@wsdot.wa.gov](mailto:landsbk@wsdot.wa.gov)  We 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.):**  The contractor developed work scope materials for final work products and schedule to complete pooled fund research in June 2019. For the Indianapolis model to monitor study, they gathered and processed data, completed background concentration calculations, and developed modeling files. For the Phase 4 Data Fusion work, they acquired the 2017 near-road data and began evaluating meteorological data for each site, as well as surveying practitioners who conduct PM hot-spot analysis regarding their perceived sources of uncertainty. Lastly, the contractor submitted a journal article to TRB on the 2016 near-road data and PM increment work, and began writing an article on the Denver and Indianapolis case work previously conducted. |
| **Anticipated work next quarter**:  During the last quarter of 2018, the contractor will share modeling results from the Indianapolis study with the fund partners and complete modeling of Providence site. The data fusion work will continue with background estimations being analyzed. |

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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:** |