**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Lead Agency (FHWA or State DOT): Oregon 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(524) | | **Transportation Pooled Fund Program - Report Period:**  □Quarter 1 (January 1 – March 31) **X**  □Quarter 2 (April 1 – June 30)  □Quarter 3 (July 1 – September 30)  □Quarter 4 (October 1 – December 31) | |
| **Project Title:** Stormwater Management to Address Highway Runoff Toxicity Due to 6PPD-Quinone from Tire Rubber | | | |
| **Name of Project Manager(s):**  Kira Glover-Cutter | **Phone Number:**  971.701.0051 | | **E-Mail:** kira.m.glover-cutter@odot.oregon.gov |
| **Lead Agency Project ID:**  N/A | **Other Project ID (i.e., contract #):** | | **Project Start Date:**  January 2024 |
| **Original Project End Date:**  2028 | **Current Project End Date:**  2028 | | **Number of Extensions:**  na |

Project schedule status:

□ **X** 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** |
| $1.08M (Maine DOT joined) |  | na |

***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** |
| na | na | 0% |

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| **Project Description**:  This research aims to equip DOTs with a targeted approach for effectively managing 6PPD-q in highway runoff by 1) developing methods/criteria for identifying locations that need focused treatment, 2) developing a better understanding of the fate and transport of 6PPD and 6PPD-q, 3) developing cost-effective design guidance for stormwater treatment and management techniques with a focus on reducing the effects of 6PPD-q on receiving waters, and 4) evaluating the degree of 6PPD-q release from pavement products made from recycled tire materials. This research will also assist with providing regulatory agencies with a better understanding of DOT management options including the feasibility, limitations, and effectiveness of treatment methods. |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**   * SOW draft reviewed internally by ODOT SMEs and Oregon DOT Procurement specialists (in consultation phase). Recommendation from Oregon DOT procurement officer is to pivot to RFI. |

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| **Anticipated work next quarter:**   * Review by FHWA advisors in April (complete). Review by State DOT partners due by May 10th. Expected release of RFI by end of May for 2 or 3 weeks. Aiming for June contracting process to begin. |

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| **Significant Results:**  na |
| **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).**  na |

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| **Potential Implementation:**  Deliverables will include: 1) guidance and tools to identify priority locations along DOT roadway infrastructure for adding BMPs that treat 6PPD-q, 2) a summary of drainage and highway characteristics relating to the fate and transport of 6PPD-q, and 3) design criteria for cost-effective BMPs which treat 6PPD-q, and 4) an initial assessment of the potential for pavements containing recycled-tire-rubber materials to contribute 6PPD-q to receiving waters and what mitigation measures may be needed to reduce or eliminate 6PPD-q effects. |