

Round 3 Study Summaries from 16 September 2020 Workshop



Literature/Synthesis for Source Control, Source ID, and IDDE		Estimated costs	Time sensitive start, duration	Data source
FP 5	Developing and Refining Source Control Inspection Programs for Businesses (FP5). Washington Stormwater Center (Laurie Larson-Pugh) with City of Olympia (Susan McCleary), King County (Cynthia Hickey), City of Redmond (Tally Young, Ken Waldo), and City of Tacoma (Kurt Fremont)	\$279,000	Yes, start soon, 2 years.	Survey of municipalities with SC programs & BIG group
FP 6	Mobile Business, Stormwater Source Control, and Multi-Jurisdiction Coordination (FP6). King County (Todd Hunsdorfer) with Aspect Consulting (James Packman)	\$229,000	Yes, start soon, 2 years.	Survey of municipalities on current practices & new annual IDDE data
Literature/Synthesis for LID, Structural BMPs, Retrofits, O&M				
FP 7	Stormwater BMPs Maintenance Conditions Evaluation (FP7). City of Bellevue (Don McQuilliams) with Aspect Consulting (James Packman)	\$187,000	No, 2 years	BMP databases (for vaults, ponds, tanks, trenches), survey permittees O&M programs and costs, interview Ecology, pilot data analysis from volunteered data
FP 1	Effect of Particle Size Distribution on Stormwater Characterization and BMP effectiveness (FP1). Washington Stormwater Center (Nigel Pickering) with Osborn Consulting (Aimee Navickis-Brasch)	\$116,500	No, 1 year	Literature, existing BMP and PSD databases
FP 4	Replacement and Lifecycle Costs of Permeable Pavements compared with Standard Impervious Pavements (FP4). Washington Stormwater Center (Joseph Cook & Ani Jayakaran)	\$45,000	No, 9 months	Survey permittees and Ecology grant recipients
Literature/Synthesis for Education and Outreach				
FP 2	Addressing Challenges Through Behavior Change and Incentives, and Permittee Guidance for Evaluating the Effectiveness (FP2). Washington Stormwater Center (Joseph Cook) with Osborn Consulting (Aimee Navickis-Brasch)	\$260,000	Yes start soon, 1.25 years	Select interviews and web surveys of permittees
Sampling Studies for LID, Structural BMPs, Retrofits, O&M				
FP 3	Ditch Maintenance & Retrofits for Improved Stormwater Management (FP3). Washington Stormwater Center (Ani Jayakaran) with Herrera Environmental, Inc. (Dylan Ahearn) and Tacoma (Angela Gallardo)	\$481,500	Summer of 2021, 3 years	Data collection
FP 8	Evaluation of the Long-term Bioretention Soil Infiltration Rate related to Vegetation, Maintenance, Soil Media and Geotechnical Site Parameters (FP8). Associated Earth Sciences, Inc. (Jennifer Saltonstall), with Raedeke Associates, Inc. (Bill Taylor, Anne Cline), Clear Creek Solutions (Doug Beyerlein), and City of Olympia (Eric Christensen)	\$615,000	Winter start, 1 year	Data collection