

EPA BUG GRANT

SUMMER 2011 BY THE NUMBERS

Jo Wilhelm, King County DNRP, October 11, 2011

- 42 people from 23 entities (8 cities, 6 counties, 1 private, 1 state/regional, 3 tribes, 4 federal) participated in the May 16th kick-off meeting
- 32 people from 17 entities (7 cities, 4 counties, 1 non-profit, 1 private, 1 state, and 3 tribes) participated in the July 21 field training/demo/discussion
- 20 people from 8 entities (3 cities, 3 counties, 1 private, 1 state) participated in the 9/20 and 9/21/11 PSSB trainings

Function	# people	# entities	cities	counties	non-profit	private	state/ regional	tribes	federal
May 16th kick-off workshop	42	23	8	6	0	1	1	3	4
July 21st field training	32	17	7	4	1	1	1	3	0
Sept 20/21 PSSB training	20	8	3	3	0	1	1	0	0
2011 Summer sampling	N/A	9	3	5	1	0	0	0	0

- 55 sites visited, 130 samples collected¹, with 9 partners (3 cities, 5 counties, 1 non-profit) throughout the Puget Sound region
 - 45 sites are 3 vs. 8 ft² only
 - 10 sites are 3 vs. 8 vs. 9 ft² (including two 9 ft² samples with 900 µm mesh)

Partner	# Sites
Bellingham	2
Clallam	6
King	22
King (+ Redmond)	2
Kitsap	9
Lake Forest Park	1
Pierce	3
Seattle	2
Snohomish	8
Grand Total	55

¹ at least 2-3 samples per site, plus some sites with reps kept separately

- Of the 9 partners:
 - 4 sample 3 ft², 2 sample 8 ft², 3 sample 9 ft²
 - 4 keep reps separate; 5 composite all reps
 - 7 use 1' x 1' Surber samplers, 1 (Bellingham) uses 1' x 2' combo Surber/D-net, and 1 uses 2' x 1.5' D-net (Redmond)
 - All use 500 µm mesh (Redmond switched this year)
 - 6 different tools were used to agitate the substrate (trowel, screw driver, shovel, crow bar, weed digger, hands)
 - 5 agitate the substrate for 60 seconds; 1 doesn't keep time; 1 disturbs for a minimum of 30 seconds, and 1 does a 60 second rub and a 60 second agitation
 - At least 3 entities (Seattle, Pierce Co., LFP) keep rocks separate and visually check or rinse in bins (not positive about Bellingham and Clallam)
 - At least 3 entities collect no habitat data with their benthic sampling (Snohomish, Redmond, LFP)
 - Non-EPA samples were sent to four different taxonomic labs by our partners (Rhithron, Bob Wisseman, Mindy Allen, and A.J. Frost).

- 2 potential partners started sampling before we were ready to rock and roll (Thurston Co. in June, WRIA 8 in July)