

File S1

Litter survey sheet used by HLW contractors

	Crew		Survey Block		Block Start Point		Block End Point		Time (e.g. 1300hrs)	
Date	Skipper	Picker	Block Number	Bankwalk or On Water	Latitude	Longitude	Latitude	Longitude	Start	End
Litter Tally Sheet										
Glass Bottles			Coke Plastic			Water Plastic			Sharps Cont	
Plastic Bottles			Plastic Bags			Plastic Pcs			Needles	
Food Wraps			Cans			Cartons			Misc	

Coolite	Aerosols	Indst Wrg	

File S2

Results from GAM analysis. Shading indicates survey blocks upstream of the NCI water refill station installation.

Land Analysis:

Block ID	Total Litter			Plastic Water Bottle			Plastic Bottle		
	Estimate	Std Error	Pr (> t)	Estimate	Std Error	Pr (> t)	Estimate	Std Error	Pr (> t)
1	5.571	0.833	3.44e-05 ***	1.524	0.964	0.142	2.940	0.720	0.002 **
2	2.865	0.671	0.001 **	2.892	0.762	0.002 **	2.958	0.569	0.001 ***
3	3.096	0.687	0.001 ***	3.771	0.788	0.001 ***	3.465	0.588	0.001 ***
4	3.363	0.715	0.001 ***	3.654	0.831	0.001 **	3.465	0.620	0.001 ***
5	0.494	0.845	0.571	1.221	0.891	0.198	0.811	0.666	0.249
6	1.117	0.872	0.226	1.547	0.958	0.135	1.298	0.715	0.097
7	1.354	1.075	0.234	0.195	1.184	0.872	0.293	0.883	0.746
8	2.651	1.094	0.034 *	0.976	1.284	0.463	0.649	0.959	0.512
9	1.169	1.056	0.292	-0.532	1.211	0.669	-1.547	0.904	0.115
10	2.345	1.506	0.148	0.626	1.775	0.731	0.222	1.324	0.870
11	4.441	1.337	0.007 **	2.292	1.641	0.190	1.890	1.224	0.151
12	3.934	1.143	0.005 **	2.989	1.392	0.054	2.637	1.039	0.028 *
13	2.298	1.331	0.112	-0.231	1.605	0.888	-1.324	1.199	0.293
14	2.210	1.030	0.055	2.151	1.208	0.102	1.982	0.901	0.050
15	2.354	0.958	0.032 *	2.248	1.118	0.069	2.044	0.834	0.032 *
16	2.528	0.890	0.016 *	2.020	1.034	0.077	1.719	0.772	0.048 *
17	3.396	0.811	0.002 **	3.271	0.956	0.005 **	2.770	0.714	0.003 **
18	2.458	1.408	0.109	-0.221	1.710	0.900	-1.033	1.277	0.436
Interaction term (blockdist * NCI)			0.034 *			0.981			0.532

* = p < 0.05, ** = p < 0.01, *** = p < 0.001.

Water Analysis:

Block ID	Total Litter			Plastic Water Bottle			Plastic Bottle		
	Estimate	Std Error	Pr (> t)	Estimate	Std Error	Pr (> t)	Estimate	Std Error	Pr (> t)
1	4.200	0.480	1.07e-05 ***	1.152	0.696	0.132	1.730	0.565	0.014 *
2	-0.188	0.360	0.615	0.225	0.516	0.673	-0.053	0.381	0.893
3	-0.306	0.394	0.458	-0.044	0.579	0.941	0.006	0.459	0.990
4	0.198	0.421	0.649	0.034	0.637	0.959	0.370	0.518	0.494
5	2.177	0.429	0.001 ***	2.542	0.616	0.003 **	2.533	0.513	0.001 ***
6	1.305	0.498	0.028 *	2.165	0.706	0.013 *	2.337	0.599	0.004 **
7	0.308	0.677	0.660	0.788	0.989	0.446	0.808	0.935	0.410
8	1.312	0.720	0.102	2.641	1.006	0.026 *	2.625	0.880	0.015 *
9	0.870	0.821	0.317	1.413	1.200	0.269	1.403	1.153	0.255
10	2.720	1.036	0.028 *	1.946	1.580	0.249	3.339	1.388	0.039 *
13	2.786	1.127	0.036 *	2.258	1.703	0.217	2.930	1.587	0.098

14	1.204	0.675	0.108	1.177	0.996	0.268	1.592	0.865	0.099
15	1.504	0.610	0.036 *	1.665	0.892	0.095	1.825	0.773	0.043 *
16	1.530	0.551	0.022 *	1.611	0.807	0.077	1.584	0.705	0.051
17	1.643	0.492	0.009 **	0.930	0.747	0.245	1.665	0.618	0.025 *
18	2.309	0.956	0.039 *	2.218	1.393	0.146	2.530	1.175	0.059
Interaction term (blockdist * NCI)			0.017 *			0.099			0.037 *

* = p < 0.05, ** = p < 0.01, *** = p < 0.001.