

#	Sample	Solvent/Material	Date	Lab#	$\delta^{18}\text{O}$	Result	Repeat	$\delta^2\text{H}$	Result	Repeat	AZD	pH	EC
					H ₂ O	VSMOW $\pm 0.2\text{‰}$		H ₂ O	VSMOW $\pm 0.8\text{‰}$				uS/cm
1	Levera-buttonwood	Plant	July 2017	454182	X	5.52	5.67	X	18.17	19.1355	X	bag	
2	Mt Hartman-black	Plant	July 2017	454183	X	3.92		X	18.97		X	bag	
3	Westerhall-black	Plant	July 2017	454184	X	1.67	1.59	X	11.3	11.4684	X	bag	
4	Mt Hartman-white	Plant	July 2017	454185	X	4.72		X	20.57		X	bag	
5	Levera-red	Plant	July 2017	454186	X	8.19		X	35.83		X	bag	
6	Westerhall-white	Plant	July 2017	454187	X	4.60	4.21	X	17.14	18.0706	X	bag	
7	Conference-Pond 1	Water	July 2017	454188	X	1.64		X	10.24			1x20mL	
8	Conference-run off	Water	July 2017	454189	X	1.56	1.59	X	7.03	7.63		1x20mL	
9	Conference-sea	Water	July 2017	454190	X	1.97		X	10.82			1x20mL	
10	Westerhall-stream 2	Water	July 2017	454191	X	-2.22	-2.26	X	-8.37	-8.13		1x20mL	
11	Levera-lake	Water	July 2017	454192	X	2.64	2.70	X	12.95	13.60		1x20mL	
12	Mt Hartman-swamp	Water	July 2017	454193	X	1.82	1.98	X	13.43	13.61		1x20mL	
13	Levera-sea	Water	July 2017	454194	X	1.31	1.23	X	9.25	9.35		1x20mL	
14	Westerhall- run off	Water	July 2017	454195	X	-1.10	-1.06	X	-5.47	-5.61		1x20mL	
15	Westerhall-sea	Water	July 2017	454196	X	0.70	0.64	X	5.77	5.75		1x20mL	
16	Conference-pond 2	Water	July 2017	454197	X	1.14		X	8.31			1x20mL	

6 Samples AZD Treated

AZD samples analyzed by CO2 Headspace equilibration on Continuous flow Mass Spec for 18O Values,
2H values and remainder of 18O determined on LGR Laser