

Appendix 3. $\delta^2\text{H}$ water values at three collection periods during the breeding season (mid-May, mid-June, and mid-July 2021). Water samples were obtained primarily from the nearest permanent wetland within 500-1000 m from the main swallow colony. In the absence of nearby natural wetlands, water samples were obtained from artificial ponds. Water was collected within 1m of the wetland edge and approximately 10cm below the surface. (-) indicates samples were not collected at that collection period.

Site	Type of wetland	First collection	$\delta^2\text{H}$ (‰)	Second collection	$\delta^2\text{H}$ (‰)	Third collection	$\delta^2\text{H}$ (‰)
SSP14E	natural	-	-	2021-06-10	-73	2021-06-25	-62
SSP14W	natural	2021-05-18	-70	2021-06-10	-64	2021-06-25	-59
SSP09	natural	2021-05-18	-73	2021-06-09	-70	2021-06-25	-64
SSP11	natural	2021-05-18	-68	2021-06-10	-64	2021-06-25	-57
SSP13	natural	2021-05-21	-129	-	-	2021-06-25	-57
SSP08	natural	2021-05-18	-80	2021-06-09	-61	2021-06-25	-73
SSP01	artificial	-	-	2021-06-10	-140	2021-06-25	-132
SSP10	artificial	2021-05-18	-103	2021-06-10	-83	2021-06-25	-68
SSP03	artificial	2021-05-18	-138	2021-06-09	-114	2021-06-25	-92
SSP07	artificial	2021-05-18	-150	2021-06-09	-138	2021-06-25	-126
SSP04	artificial	-	-	2021-06-09	-123	2021-06-25	-103
SSP02	artificial	-	-	2021-06-09	-131	2021-06-25	-128