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Supplement of

Managed aquifer recharge with reverse-osmosis desalinated seawater: modeling the spreading in groundwater using stable water isotopes

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Table S1. Stable water isotopes data

Sample location	Type	Date	$\delta^{18}\text{O}$ ‰	$\delta^2\text{H}$ ‰
M2	Production well	19 Aug 2015	-4.78	-19.08
		20 Jul 2016	-4.27	-16.67
		13 Mar 2017	-4.03	-16.11
		18 Oct 2017	-3.37	-12.77
M3		13 Mar 2017	-4.87	-20.37
		18 Oct 2017	-5.09	-21.35
M4		21 May 2015	-4.82	-20.18
		19 Aug 2015	-5.09	-20.88
		20 Jul 2016	-5.05	-20.96
		13 Mar 2017	-4.60	-19.26
		18 Oct 2017	-4.74	-20.05
M6		2 Feb 2015	-4.54	-18.89
		21 May 2015	-4.45	-18.34
		19 Aug 2015	-4.62	-18.35
		20 Jul 2016	-4.43	-17.37
		13 Mar 2017	-3.93	-15.40
		18 Oct 2017	-3.99	-15.70
M7		21 May 2015	-4.78	-19.99
		19 Aug 2015	-4.88	-19.75
M8		13 Mar 2017	-4.93	-20.86
		18 Oct 2017	-5.02	-21.12
M9		21 May 2015	-4.60	-18.73
		19 Aug 2015	-4.61	-18.63
		20 Jul 2016	-4.66	-18.54
		13 Mar 2017	-3.99	-15.64
		18 Oct 2017	-3.90	-15.43
M10		13 Mar 2017	-5.00	-21.33
M21		2 Feb 2015	-4.95	-21.25
		21 May 2015	-4.94	-21.02
		19 Aug 2015	-5.21	-21.95
		18 Oct 2017	-4.69	-19.56
M23		21 May 2015	-5.11	-21.62
		19 Aug 2015	-5.43	-22.63
		20 Jul 2016	-5.41	-22.68

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M26	Production well	2 Feb 2015	-5.18	-22.26
		19 Aug 2015	-5.02	-20.71
		20 Jul 2016	-4.55	-18.51
		13 Mar 2017	-4.68	-19.86
		18 Oct 2017	-4.88	-20.49
M27		2 Feb 2015	-5.10	-21.97
		13 Mar 2017	-5.21	-22.46
		18 Oct 2017	-5.19	-22.38
OA	Observation well	1 Feb 2015	+1.54	+10.86
		17 May 2015	+1.31	+11.18
		19 Aug 2015	+1.10	+10.39
		5 Oct 2016	+0.97	+9.67
		13 Mar 2017	+0.96	+9.61
		18 Oct 2017	+0.59	+7.45
OB		1 Feb 2015	+1.28	+10.72
		17 May 2015	+1.33	+11.34
		19 Aug 2015	+1.13	+10.46
		3 Jan 2016	+1.11	+10.22
		14 Feb 2016	+1.19	+10.60
MAR inlet pipe	DSW	1 Jun 2014	+1.41	+11.34
		17 May 2015	+1.34	+11.11
		14 Feb 2016	+1.19	+10.37
MAR Pond ^a	DSW	21 Jan 2015	+1.59	+11.51
		21 Jan 2015	+1.31	+10.98
		21 Jan 2015	+1.32	+11.12
		21 Jan 2015	+1.34	+11.01
MAR Runoff canal	Runoff	12 Jan 2017	-4.77	-19.50

^aSamples were taken from the south, centre, north and the shore of the DSW MAR pond.