

id	tBeg (yr)	tEnd (yr)	zone	material	boundary	flow (mL/yr)	flow*2 π
SDU6_CaseCV.6	92	150	NativeSoil	Zone	Lower	-1.26E+04	-7.89E+04
SDU6_CaseCV.6	92	150	NativeSoil	Zone	Upper	-1.45E+04	-9.08E+04
SDU6_CaseCV.6	92	150	NativeSoil	Zone	Right	1.91E+03	1.20E+04
SDU6_CaseCV.6	92	150	LowerMudMat	Zone	Lower	-1.45E+04	-9.08E+04
SDU6_CaseCV.6	92	150	LowerMudMat	Zone	Upper	-1.44E+04	-9.07E+04
SDU6_CaseCV.6	92	150	LowerMudMat	Zone	Right	-2.78E+01	-1.74E+02
SDU6_CaseCV.6	92	150	FloorHDPEGCL	Zone	Lower	-1.44E+04	-9.07E+04
SDU6_CaseCV.6	92	150	FloorHDPEGCL	Zone	Upper	-1.44E+04	-9.06E+04
SDU6_CaseCV.6	92	150	FloorHDPEGCL	Zone	Right	-1.79E+00	-1.12E+01
SDU6_CaseCV.6	92	150	UpperMudMat	Zone	Lower	-1.44E+04	-9.06E+04
SDU6_CaseCV.6	92	150	UpperMudMat	Zone	Upper	-1.48E+04	-9.27E+04
SDU6_CaseCV.6	92	150	UpperMudMat	Zone	Right	3.40E+02	2.13E+03
SDU6_CaseCV.6	92	150	Floor	Zone	Lower	-1.48E+04	-9.27E+04
SDU6_CaseCV.6	92	150	Floor	Zone	Upper	-1.49E+04	-9.37E+04
SDU6_CaseCV.6	92	150	Floor	Zone	Right	1.52E+02	9.57E+02
SDU6_CaseCV.6	92	150	SDU	Zone	Lower	-1.49E+04	-9.37E+04
SDU6_CaseCV.6	92	150	SDU	Zone	Upper	-1.47E+04	-9.23E+04
SDU6_CaseCV.6	92	150	SDU	Zone	Right	-2.24E+02	-1.41E+03
SDU6_CaseCV.6	92	150	Roof	Zone	Lower	-1.47E+04	-9.23E+04
SDU6_CaseCV.6	92	150	Roof	Zone	Upper	-1.46E+04	-9.19E+04
SDU6_CaseCV.6	92	150	Roof	Zone	Right	-7.33E+01	-4.61E+02
SDU6_CaseCV.6	92	150	RoofHDPEGCL	Zone	Lower	-1.46E+04	-9.19E+04
SDU6_CaseCV.6	92	150	RoofHDPEGCL	Zone	Upper	-1.46E+04	-9.19E+04
SDU6_CaseCV.6	92	150	RoofHDPEGCL	Zone	Right	-2.58E+00	-1.62E+01
SDU6_CaseCV.6	92	150	LowerLDL	Zone	Lower	-1.46E+04	-9.19E+04
SDU6_CaseCV.6	92	150	LowerLDL	Zone	Upper	-9.99E+03	-6.28E+04
SDU6_CaseCV.6	92	150	LowerLDL	Zone	Right	-4.63E+03	-2.91E+04
SDU6_CaseCV.6	92	150	LowerBackfill	Zone	Lower	-9.99E+03	-6.28E+04
SDU6_CaseCV.6	92	150	LowerBackfill	Zone	Upper	-9.95E+03	-6.25E+04
SDU6_CaseCV.6	92	150	LowerBackfill	Zone	Right	-4.27E+01	-2.68E+02
SDU6_CaseCV.6	92	150	FF_Floor	Zone	Lower	-6.75E+01	-4.24E+02
SDU6_CaseCV.6	92	150	FF_Floor	Zone	Upper	-6.81E+00	-4.28E+01
SDU6_CaseCV.6	92	150	FF_Floor	Zone	Right	2.16E+02	1.36E+03
SDU6_CaseCV.6	92	150	FF_UMM	Zone	Lower	-7.84E+01	-4.93E+02
SDU6_CaseCV.6	92	150	FF_UMM	Zone	Upper	-6.75E+01	-4.24E+02
SDU6_CaseCV.6	92	150	FF_UMM	Zone	Right	1.19E+02	7.45E+02
SDU6_CaseCV.6	92	150	FF_FloorHDPEGCL	Zone	Lower	-7.84E+01	-4.93E+02
SDU6_CaseCV.6	92	150	FF_FloorHDPEGCL	Zone	Upper	-7.84E+01	-4.93E+02
SDU6_CaseCV.6	92	150	FF_FloorHDPEGCL	Zone	Right	2.31E-07	1.45E-06
SDU6_CaseCV.6	92	150	FF_LMM	Zone	Lower	-7.84E+01	-4.93E+02
SDU6_CaseCV.6	92	150	FF_LMM	Zone	Upper	-7.84E+01	-4.93E+02
SDU6_CaseCV.6	92	150	FF_LMM	Zone	Right	2.32E-02	1.46E-01
SDU6_CaseCV.6	92	150	FF_Roof	Zone	Lower	-6.99E-01	-4.39E+00
SDU6_CaseCV.6	92	150	FF_Roof	Zone	Upper	-5.55E+01	-3.49E+02
SDU6_CaseCV.6	92	150	FF_Roof	Zone	Right	-1.11E+03	-6.96E+03
SDU6_CaseCV.6	92	150	FF_RoofHDPEGCL	Zone	Lower	-5.55E+01	-3.49E+02

SDU6_CaseCV.6	92	150 FF_RoofHDPEGCL	Zone	Upper	-5.55E+01	-3.49E+02
SDU6_CaseCV.6	92	150 FF_RoofHDPEGCL	Zone	Right	-2.75E-06	-1.73E-05
SDU6_CaseCV.6	895	1075 NativeSoil	Zone	Lower	-1.73E+05	-1.09E+06
SDU6_CaseCV.6	895	1075 NativeSoil	Zone	Upper	-1.89E+05	-1.19E+06
SDU6_CaseCV.6	895	1075 NativeSoil	Zone	Right	1.59E+04	9.97E+04
SDU6_CaseCV.6	895	1075 LowerMudMat	Zone	Lower	-1.89E+05	-1.19E+06
SDU6_CaseCV.6	895	1075 LowerMudMat	Zone	Upper	-1.88E+05	-1.18E+06
SDU6_CaseCV.6	895	1075 LowerMudMat	Zone	Right	-1.96E+02	-1.23E+03
SDU6_CaseCV.6	895	1075 FloorHDPEGCL	Zone	Lower	-1.88E+05	-1.18E+06
SDU6_CaseCV.6	895	1075 FloorHDPEGCL	Zone	Upper	-1.88E+05	-1.18E+06
SDU6_CaseCV.6	895	1075 FloorHDPEGCL	Zone	Right	-9.86E+00	-6.19E+01
SDU6_CaseCV.6	895	1075 UpperMudMat	Zone	Lower	-1.88E+05	-1.18E+06
SDU6_CaseCV.6	895	1075 UpperMudMat	Zone	Upper	-1.91E+05	-1.20E+06
SDU6_CaseCV.6	895	1075 UpperMudMat	Zone	Right	3.00E+03	1.88E+04
SDU6_CaseCV.6	895	1075 Floor	Zone	Lower	-1.91E+05	-1.20E+06
SDU6_CaseCV.6	895	1075 Floor	Zone	Upper	-1.92E+05	-1.21E+06
SDU6_CaseCV.6	895	1075 Floor	Zone	Right	8.26E+02	5.19E+03
SDU6_CaseCV.6	895	1075 SDU	Zone	Lower	-1.92E+05	-1.21E+06
SDU6_CaseCV.6	895	1075 SDU	Zone	Upper	-1.87E+05	-1.18E+06
SDU6_CaseCV.6	895	1075 SDU	Zone	Right	-4.76E+03	-2.99E+04
SDU6_CaseCV.6	895	1075 Roof	Zone	Lower	-1.87E+05	-1.18E+06
SDU6_CaseCV.6	895	1075 Roof	Zone	Upper	-1.85E+05	-1.16E+06
SDU6_CaseCV.6	895	1075 Roof	Zone	Right	-2.30E+03	-1.45E+04
SDU6_CaseCV.6	895	1075 RoofHDPEGCL	Zone	Lower	-1.85E+05	-1.16E+06
SDU6_CaseCV.6	895	1075 RoofHDPEGCL	Zone	Upper	-1.85E+05	-1.16E+06
SDU6_CaseCV.6	895	1075 RoofHDPEGCL	Zone	Right	-6.99E+01	-4.39E+02
SDU6_CaseCV.6	895	1075 LowerLDL	Zone	Lower	-1.85E+05	-1.16E+06
SDU6_CaseCV.6	895	1075 LowerLDL	Zone	Upper	-1.51E+05	-9.50E+05
SDU6_CaseCV.6	895	1075 LowerLDL	Zone	Right	-3.39E+04	-2.13E+05
SDU6_CaseCV.6	895	1075 LowerBackfill	Zone	Lower	-1.51E+05	-9.50E+05
SDU6_CaseCV.6	895	1075 LowerBackfill	Zone	Upper	-1.51E+05	-9.48E+05
SDU6_CaseCV.6	895	1075 LowerBackfill	Zone	Right	-3.39E+02	-2.13E+03
SDU6_CaseCV.6	895	1075 FF_Floor	Zone	Lower	-9.35E+02	-5.87E+03
SDU6_CaseCV.6	895	1075 FF_Floor	Zone	Upper	-3.02E+02	-1.90E+03
SDU6_CaseCV.6	895	1075 FF_Floor	Zone	Right	9.39E-01	5.90E+00
SDU6_CaseCV.6	895	1075 FF_UMM	Zone	Lower	-1.06E+03	-6.67E+03
SDU6_CaseCV.6	895	1075 FF_UMM	Zone	Upper	-9.35E+02	-5.87E+03
SDU6_CaseCV.6	895	1075 FF_UMM	Zone	Right	1.04E+02	6.55E+02
SDU6_CaseCV.6	895	1075 FF_FloorHDPEGCL	Zone	Lower	-1.06E+03	-6.67E+03
SDU6_CaseCV.6	895	1075 FF_FloorHDPEGCL	Zone	Upper	-1.06E+03	-6.67E+03
SDU6_CaseCV.6	895	1075 FF_FloorHDPEGCL	Zone	Right	5.88E-06	3.70E-05
SDU6_CaseCV.6	895	1075 FF_LMM	Zone	Lower	-1.06E+03	-6.67E+03
SDU6_CaseCV.6	895	1075 FF_LMM	Zone	Upper	-1.06E+03	-6.67E+03
SDU6_CaseCV.6	895	1075 FF_LMM	Zone	Right	7.85E-01	4.93E+00
SDU6_CaseCV.6	895	1075 FF_Roof	Zone	Lower	-1.74E+02	-1.09E+03
SDU6_CaseCV.6	895	1075 FF_Roof	Zone	Upper	-1.01E+03	-6.31E+03
SDU6_CaseCV.6	895	1075 FF_Roof	Zone	Right	5.42E+01	3.41E+02

SDU6_CaseCV.6	895	1075 FF_RoofHDPEGCL	Zone	Lower	-1.01E+03	-6.31E+03
SDU6_CaseCV.6	895	1075 FF_RoofHDPEGCL	Zone	Upper	-1.01E+03	-6.31E+03
SDU6_CaseCV.6	895	1075 FF_RoofHDPEGCL	Zone	Right	-2.94E-05	-1.84E-04
SDU6_CaseCV.6	9500	10000 NativeSoil	Zone	Lower	-2.31E+05	-1.45E+06
SDU6_CaseCV.6	9500	10000 NativeSoil	Zone	Upper	-2.46E+05	-1.54E+06
SDU6_CaseCV.6	9500	10000 NativeSoil	Zone	Right	1.47E+04	9.23E+04
SDU6_CaseCV.6	9500	10000 LowerMudMat	Zone	Lower	-2.46E+05	-1.54E+06
SDU6_CaseCV.6	9500	10000 LowerMudMat	Zone	Upper	-2.46E+05	-1.55E+06
SDU6_CaseCV.6	9500	10000 LowerMudMat	Zone	Right	2.37E+02	1.49E+03
SDU6_CaseCV.6	9500	10000 FloorHDPEGCL	Zone	Lower	-2.46E+05	-1.55E+06
SDU6_CaseCV.6	9500	10000 FloorHDPEGCL	Zone	Upper	-2.46E+05	-1.55E+06
SDU6_CaseCV.6	9500	10000 FloorHDPEGCL	Zone	Right	2.43E-03	1.53E-02
SDU6_CaseCV.6	9500	10000 UpperMudMat	Zone	Lower	-2.46E+05	-1.55E+06
SDU6_CaseCV.6	9500	10000 UpperMudMat	Zone	Upper	-2.46E+05	-1.55E+06
SDU6_CaseCV.6	9500	10000 UpperMudMat	Zone	Right	5.50E+02	3.46E+03
SDU6_CaseCV.6	9500	10000 Floor	Zone	Lower	-2.46E+05	-1.55E+06
SDU6_CaseCV.6	9500	10000 Floor	Zone	Upper	-2.46E+05	-1.55E+06
SDU6_CaseCV.6	9500	10000 Floor	Zone	Right	-1.41E+02	-8.85E+02
SDU6_CaseCV.6	9500	10000 SDU	Zone	Lower	-2.46E+05	-1.55E+06
SDU6_CaseCV.6	9500	10000 SDU	Zone	Upper	-2.36E+05	-1.48E+06
SDU6_CaseCV.6	9500	10000 SDU	Zone	Right	-1.01E+04	-6.33E+04
SDU6_CaseCV.6	9500	10000 Roof	Zone	Lower	-2.36E+05	-1.48E+06
SDU6_CaseCV.6	9500	10000 Roof	Zone	Upper	-2.36E+05	-1.48E+06
SDU6_CaseCV.6	9500	10000 Roof	Zone	Right	8.47E+01	5.32E+02
SDU6_CaseCV.6	9500	10000 RoofHDPEGCL	Zone	Lower	-2.36E+05	-1.48E+06
SDU6_CaseCV.6	9500	10000 RoofHDPEGCL	Zone	Upper	-2.36E+05	-1.48E+06
SDU6_CaseCV.6	9500	10000 RoofHDPEGCL	Zone	Right	-1.39E+00	-8.74E+00
SDU6_CaseCV.6	9500	10000 LowerLDL	Zone	Lower	-2.36E+05	-1.48E+06
SDU6_CaseCV.6	9500	10000 LowerLDL	Zone	Upper	-2.16E+05	-1.36E+06
SDU6_CaseCV.6	9500	10000 LowerLDL	Zone	Right	-2.06E+04	-1.29E+05
SDU6_CaseCV.6	9500	10000 LowerBackfill	Zone	Lower	-2.16E+05	-1.36E+06
SDU6_CaseCV.6	9500	10000 LowerBackfill	Zone	Upper	-2.16E+05	-1.35E+06
SDU6_CaseCV.6	9500	10000 LowerBackfill	Zone	Right	-2.09E+02	-1.32E+03
SDU6_CaseCV.6	9500	10000 FF_Floor	Zone	Lower	-1.20E+03	-7.51E+03
SDU6_CaseCV.6	9500	10000 FF_Floor	Zone	Upper	-6.59E+02	-4.14E+03
SDU6_CaseCV.6	9500	10000 FF_Floor	Zone	Right	-2.55E+02	-1.60E+03
SDU6_CaseCV.6	9500	10000 FF_UMM	Zone	Lower	-1.27E+03	-7.98E+03
SDU6_CaseCV.6	9500	10000 FF_UMM	Zone	Upper	-1.20E+03	-7.51E+03
SDU6_CaseCV.6	9500	10000 FF_UMM	Zone	Right	-2.84E+01	-1.79E+02
SDU6_CaseCV.6	9500	10000 FF_FloorHDPEGCL	Zone	Lower	-1.27E+03	-7.98E+03
SDU6_CaseCV.6	9500	10000 FF_FloorHDPEGCL	Zone	Upper	-1.27E+03	-7.98E+03
SDU6_CaseCV.6	9500	10000 FF_FloorHDPEGCL	Zone	Right	-2.77E-05	-1.74E-04
SDU6_CaseCV.6	9500	10000 FF_LMM	Zone	Lower	-1.28E+03	-8.02E+03
SDU6_CaseCV.6	9500	10000 FF_LMM	Zone	Upper	-1.27E+03	-7.98E+03
SDU6_CaseCV.6	9500	10000 FF_LMM	Zone	Right	-2.04E+00	-1.28E+01
SDU6_CaseCV.6	9500	10000 FF_Roof	Zone	Lower	-9.68E+02	-6.08E+03
SDU6_CaseCV.6	9500	10000 FF_Roof	Zone	Upper	-1.17E+03	-7.33E+03

SDU6_CaseCV.6	9500	10000 FF_Roof	Zone	Right	9.18E+01	5.77E+02
SDU6_CaseCV.6	9500	10000 FF_RoofHDPEGCL	Zone	Lower	-1.17E+03	-7.33E+03
SDU6_CaseCV.6	9500	10000 FF_RoofHDPEGCL	Zone	Upper	-1.17E+03	-7.33E+03
SDU6_CaseCV.6	9500	10000 FF_RoofHDPEGCL	Zone	Right	-9.48E-06	-5.96E-05

area (cm2)	area*2π	flux (cm/yr)	flux (mm/yr)
		-7.56E-04	-7.56E-03
		-8.71E-04	-8.71E-03
		1.15E-04	1.15E-03
		-8.71E-04	-8.71E-03
		-8.70E-04	-8.70E-03
		-1.67E-06	-1.67E-05
		-8.70E-04	-8.70E-03
		-8.69E-04	-8.69E-03
		-1.08E-07	-1.08E-06
		-8.69E-04	-8.69E-03
		-8.90E-04	-8.90E-03
		2.05E-05	2.05E-04
		-8.90E-04	-8.90E-03
		-8.99E-04	-8.99E-03
		9.18E-06	9.18E-05
		-8.99E-04	-8.99E-03
		-8.85E-04	-8.85E-03
		-1.35E-05	-1.35E-04
		-8.85E-04	-8.85E-03
		-8.81E-04	-8.81E-03
		-4.42E-06	-4.42E-05
		-8.81E-04	-8.81E-03
		-8.81E-04	-8.81E-03
		-1.56E-07	-1.56E-06
		-8.81E-04	-8.81E-03
		-6.02E-04	-6.02E-03
		-2.79E-04	-2.79E-03
		-6.02E-04	-6.02E-03
		-6.00E-04	-6.00E-03
		-2.57E-06	-2.57E-05
		-4.07E-06	-4.07E-05
		-4.10E-07	-4.10E-06
		1.30E-05	1.30E-04
		-4.73E-06	-4.73E-05
		-4.07E-06	-4.07E-05
		7.14E-06	7.14E-05
		-4.73E-06	-4.73E-05
		-4.73E-06	-4.73E-05
		1.39E-14	1.39E-13
		-4.73E-06	-4.73E-05
		-4.73E-06	-4.73E-05
		1.40E-09	1.40E-08
		-4.21E-08	-4.21E-07
		-3.34E-06	-3.34E-05
		-6.67E-05	-6.67E-04
		-3.34E-06	-3.34E-05

-3.34E-06	-3.34E-05
-1.66E-13	-1.66E-12
-1.04E-02	-1.04E-01
-1.14E-02	-1.14E-01
9.56E-04	9.56E-03
-1.14E-02	-1.14E-01
-1.14E-02	-1.14E-01
-1.18E-05	-1.18E-04
-1.14E-02	-1.14E-01
-1.14E-02	-1.14E-01
-5.94E-07	-5.94E-06
-1.14E-02	-1.14E-01
-1.15E-02	-1.15E-01
1.81E-04	1.81E-03
-1.15E-02	-1.15E-01
-1.16E-02	-1.16E-01
4.98E-05	4.98E-04
-1.16E-02	-1.16E-01
-1.13E-02	-1.13E-01
-2.87E-04	-2.87E-03
-1.13E-02	-1.13E-01
-1.12E-02	-1.12E-01
-1.39E-04	-1.39E-03
-1.12E-02	-1.12E-01
-1.12E-02	-1.12E-01
-4.21E-06	-4.21E-05
-1.12E-02	-1.12E-01
-9.11E-03	-9.11E-02
-2.04E-03	-2.04E-02
-9.11E-03	-9.11E-02
-9.10E-03	-9.10E-02
-2.04E-05	-2.04E-04
-5.63E-05	-5.63E-04
-1.82E-05	-1.82E-04
5.66E-08	5.66E-07
-6.40E-05	-6.40E-04
-5.63E-05	-5.63E-04
6.28E-06	6.28E-05
-6.40E-05	-6.40E-04
-6.40E-05	-6.40E-04
3.54E-13	3.54E-12
-6.40E-05	-6.40E-04
-6.40E-05	-6.40E-04
4.73E-08	4.73E-07
-1.05E-05	-1.05E-04
-6.06E-05	-6.06E-04
3.27E-06	3.27E-05

-6.06E-05	-6.06E-04
-6.06E-05	-6.06E-04
-1.77E-12	-1.77E-11
-1.39E-02	-1.39E-01
-1.48E-02	-1.48E-01
8.85E-04	8.85E-03
-1.48E-02	-1.48E-01
-1.48E-02	-1.48E-01
1.43E-05	1.43E-04
-1.48E-02	-1.48E-01
-1.48E-02	-1.48E-01
1.47E-10	1.47E-09
-1.48E-02	-1.48E-01
-1.49E-02	-1.49E-01
3.32E-05	3.32E-04
-1.49E-02	-1.49E-01
-1.48E-02	-1.48E-01
-8.49E-06	-8.49E-05
-1.48E-02	-1.48E-01
-1.42E-02	-1.42E-01
-6.07E-04	-6.07E-03
-1.42E-02	-1.42E-01
-1.42E-02	-1.42E-01
5.10E-06	5.10E-05
-1.42E-02	-1.42E-01
-1.42E-02	-1.42E-01
-8.38E-08	-8.38E-07
-1.42E-02	-1.42E-01
-1.30E-02	-1.30E-01
-1.24E-03	-1.24E-02
-1.30E-02	-1.30E-01
-1.30E-02	-1.30E-01
-1.26E-05	-1.26E-04
-7.21E-05	-7.21E-04
-3.97E-05	-3.97E-04
-1.54E-05	-1.54E-04
-7.66E-05	-7.66E-04
-7.21E-05	-7.21E-04
-1.71E-06	-1.71E-05
-7.66E-05	-7.66E-04
-7.66E-05	-7.66E-04
-1.67E-12	-1.67E-11
-7.69E-05	-7.69E-04
-7.66E-05	-7.66E-04
-1.23E-07	-1.23E-06
-5.83E-05	-5.83E-04
-7.03E-05	-7.03E-04

5.53E-06	5.53E-05
-7.03E-05	-7.03E-04
-7.03E-05	-7.03E-04
-5.72E-13	-5.72E-12

mm/yr								
time	P	ET	SR	UB	EB	MB	ULDL(lateral)	CAP_HDPE_GCL
0	1180	730	50	400	400	400	399.994	0.006
1	1180	730	50	400	400	400	399.994	0.006
500	1180	730	50	400	400	400	399.994	0.006
500	1180	730	50	400	400	400	399.909	0.091
2000	1180	730	50	400	400	400	399.909	0.091
2000	1180	730	50	400	400	400	399.87	0.13
1.0E+08	1180	730	50	400	400	400	399.87	0.13

cm/yr									Area (cm2)	
time	P	ET	SR	UB	EB	MB	ULDL(lateral)	CAP_HDPE_GCL	1.04E+08	time
0	118	73	5	40	40	40	39.9994	0.0006		0
1	118	73	5	40	40	40	39.9994	0.0006		1
500	118	73	5	40	40	40	39.9994	0.0006		500
500	118	73	5	40	40	40	39.9909	0.0091		500
2000	118	73	5	40	40	40	39.9909	0.0091		2000
2000	118	73	5	40	40	40	39.987	0.013		2000
1E+08	118	73	5	40	40	40	39.987	0.013		100000000

mL/yr							
P	ET	SR	UB	EB	MB	UDDL(lateral)	CAP_HDPE_GCL
1.23E+10	7.61E+09	5.21E+08	4.17E+09	4.17E+09	4.17E+09	4.17E+09	6.25E+04
1.23E+10	7.61E+09	5.21E+08	4.17E+09	4.17E+09	4.17E+09	4.17E+09	6.25E+04
1.23E+10	7.61E+09	5.21E+08	4.17E+09	4.17E+09	4.17E+09	4.17E+09	6.25E+04
1.23E+10	7.61E+09	5.21E+08	4.17E+09	4.17E+09	4.17E+09	4.17E+09	9.49E+05
1.23E+10	7.61E+09	5.21E+08	4.17E+09	4.17E+09	4.17E+09	4.17E+09	9.49E+05
1.23E+10	7.61E+09	5.21E+08	4.17E+09	4.17E+09	4.17E+09	4.17E+09	1.36E+06
1.23E+10	7.61E+09	5.21E+08	4.17E+09	4.17E+09	4.17E+09	4.17E+09	1.36E+06

Component Flow (mL)	Zone Face
Precipitation (P) 1.23E+10	
Evapotranspiration (ET) 7.61E+09	
Surface runoff (SR) 5.21E+08	
Upper backfill (UB) 4.17E+09	
Erosion barrier (EB) 4.17E+09	
Middle backfill (MB) 4.17E+09	
Upper lateral drainage layer (ULDL) 4.17E+09	
Cap HPDE/GCL (CAP_HPDE_GCL) 6.2543E+04	
Lower backfill (LB) 6.2499E+04	Entering top
2.68E+02	Entering side
6.28E+04	Leaving bottom
Lower lateral drainage layer (LLDL) 6.28E+04	Entering top
2.91E+04	Entering side
9.19E+04	Leaving bottom
Roof HDPE/GCL (R_HPDE_GCL) 9.19E+04	Entering top
9.15E+04	HPDE/GCL
3.49E+02	Fast flow path
1.62E+01	Entering side
9.19E+04	Leaving bottom
9.15E+04	HPDE/GCL
3.49E+02	Fast flow path
Roof (R) 9.19E+04	Entering top
9.13E+04	Concrete
1.99E+02	Joints
3.49E+02	Fast flow path
4.61E+02	Entering side
9.23E+04	Leaving bottom
9.18E+04	Concrete
5.18E+02	Joints
4.39E+00	Fast flow path
Saltstone Disposal Unit (SDU) 9.23E+04	Entering top
9.23E+04	Saltstone
2.98E+01	Joint
4.39E+00	Column
1.41E+03	Entering side
-1.35E+03	Wall segment 1
4.72E+02	Wall segment 2
1.11E+03	Wall segment 3
1.04E+03	Wall segment 4
2.29E+02	Wall segment 5
-9.64E+01	Joints
9.37E+04	Leaving bottom
9.35E+04	Saltstone
1.55E+02	Joints
4.28E+01	Column
Floor 9.37E+04	Entering top

	9.35E+04	Concrete
	1.97E+02	Joints
	4.28E+01	Fast flow path
	-9.57E+02	Entering side
	9.27E+04	Leaving bottom
	9.24E+04	Concrete
	1.30E+00	Joints
	4.24E+02	Fast flow path
Upper mud mat (UMM)	9.27E+04	Entering top
	9.24E+04	Concrete
	4.24E+02	Fast flow path
	-2.13E+03	Entering side
	9.06E+04	Leaving bottom
	9.02E+04	Concrete
	4.93E+02	Fast flow path
Floor HDPE/GCL (F_HDPE_GCL)	9.06E+04	Entering top
	9.02E+04	HPDE/GCL
	4.93E+02	Fast flow path
	1.12E+01	Entering side
	9.07E+04	Leaving bottom
	9.02E+04	HPDE/GCL
	4.93E+02	Fast flow path
Lower mud mat (LMM)	9.07E+04	Entering top
	9.02E+04	Concrete
	4.93E+02	Fast flow path
	1.74E+02	Entering side
	9.08E+04	Leaving bottom
	9.03E+04	Concrete
	4.93E+02	Fast flow path
Native soil	9.08E+04	Entering top
	-1.20E+04	Entering side
	7.89E+04	Leaving bottom

Comment

Lateral flow

Lateral flow

mtyp11
mtyp25

mtyp11
mtyp25

mtyp10
mtyp18 (roof)
mtyp24

mtyp10
mtyp18 (roof)
mtyp24

Underside of roof to top of floor (wall + grout + column + wall joints)
mtyp9 (clean cap zone)
mtyp18 (wall top)
mtyp23

mtyp13 (bottom), outflow
mtyp14
mtyp15
mtyp16
mtyp17 (top)
mtyp18 (wall top and bottom), net outflow

mtyp8
mtyp18 (wall bottom)
mtyp23

mtyp7
mtyp18
mtyp22
outflow

mtyp7
mtyp18
mtyp22

mtyp6
mtyp21
outflow

mtyp6
mtyp21

mtyp5
mtyp20
outflow

mtyp5
mtyp20

mtyp4
mytp19

mtyp4
mytp19

outflow

Component Flow (mL)	Zone Face
Precipitation (P) 1.23E+10	
Evapotranspiration (ET) 7.61E+09	
Surface runoff (SR) 5.21E+08	
Upper backfill (UB) 4.17E+09	
Erosion barrier (EB) 4.17E+09	
Middle backfill (MB) 4.17E+09	
Upper lateral drainage layer (ULDL) 4.17E+09	
Cap HPDE/GCL (CAP_HPDE_GCL) 9.49E+05	
Lower backfill (LB) 9.48E+05	Entering top
2.13E+03	Entering side
9.50E+05	Leaving bottom
Lower lateral drainage layer (LLDL) 9.50E+05	Entering top
2.13E+05	Entering side
1.16E+06	Leaving bottom
Roof HDPE/GCL (R_HPDE_GCL) 1.16E+06	Entering top
1.16E+06	HPDE/GCL
6.31E+03	Fast flow path
4.39E+02	Entering side
1.16E+06	Leaving bottom
1.16E+06	HPDE/GCL
6.31E+03	Fast flow path
Roof (R) 1.16E+06	Entering top
1.15E+06	Concrete
2.82E+03	Joints
6.31E+03	Fast flow path
1.45E+04	Entering side
1.18E+06	Leaving bottom
1.17E+06	Concrete
2.58E+03	Joints
1.09E+03	Fast flow path
Saltstone Disposal Unit (SDU) 1.18E+06	Entering top
1.17E+06	Saltstone
5.06E+03	Joint
1.09E+03	Column
2.99E+04	Entering side
6.69E+02	Wall segment 1
6.35E+03	Wall segment 2
8.92E+03	Wall segment 3
1.05E+04	Wall segment 4
2.65E+03	Wall segment 5
8.01E+02	Joints
1.21E+06	Leaving bottom
1.19E+06	Saltstone
1.16E+04	Joints
1.90E+03	Column
Floor 1.21E+06	Entering top

	1.20E+06	Concrete
	2.79E+03	Joints
	1.90E+03	Fast flow path
-5.19E+03	Entering side	
1.20E+06	Leaving bottom	
	1.20E+06	Concrete
	1.16E+03	Joints
	5.87E+03	Fast flow path
Upper mud mat (UMM)	1.20E+06	Entering top
	1.20E+06	Concrete
	5.87E+03	Fast flow path
-1.88E+04	Entering side	
1.18E+06	Leaving bottom	
	1.18E+06	Concrete
	6.67E+03	Fast flow path
Floor HDPE/GCL (F_HDPE_GCL)	1.18E+06	Entering top
	1.18E+06	HPDE/GCL
	6.67E+03	Fast flow path
6.19E+01	Entering side	
1.18E+06	Leaving bottom	
	1.18E+06	HPDE/GCL
	6.67E+03	Fast flow path
Lower mud mat (LMM)	1.18E+06	Entering top
	1.18E+06	Concrete
	6.67E+03	Fast flow path
1.23E+03	Entering side	
1.19E+06	Leaving bottom	
	1.18E+06	Concrete
	6.67E+03	Fast flow path
Native soil	1.19E+06	Entering top
-9.97E+04	Entering side	
1.09E+06	Leaving bottom	

Comment

Lateral flow

Lateral flow

mtyp11
mtyp25

mtyp11
mtyp25

mtyp10
mtyp18 (roof)
mtyp24

mtyp10
mtyp18 (roof)
mtyp24

Underside of roof to top of floor (wall + grout + column + wall joints)
mtyp9 (clean cap zone)
mtyp18 (wall top)
mtyp23

mtyp13 (bottom)
mtyp14
mtyp15
mtyp16
mtyp17 (top)
mtyp18 (wall top and bottom)

mtyp8
mtyp18 (wall bottom)
mtyp23

mtyp7
mtyp18
mtyp22

mtyp7
mtyp18
mtyp22

mtyp6
mtyp21

mtyp6
mtyp21

mtyp5
mtyp20

mtyp5
mtyp20

mtyp4
mytp19

mtyp4
mytp19

Component Flow (mL)	Zone Face
Precipitation (P) 1.23E+10	
Evapotranspiration (ET) 7.61E+09	
Surface runoff (SR) 5.21E+08	
Upper backfill (UB) 4.17E+09	
Erosion barrier (EB) 4.17E+09	
Middle backfill (MB) 4.17E+09	
Upper lateral drainage layer (ULDL) 4.17E+09	
Cap HPDE/GCL (CAP_HPDE_GCL) 1.36E+06	
Lower backfill (LB) 1.35E+06	Entering top
1.32E+03	Entering side
1.36E+06	Leaving bottom
Lower lateral drainage layer (LLDL) 1.36E+06	Entering top
1.29E+05	Entering side
1.48E+06	Leaving bottom
Roof HDPE/GCL (R_HPDE_GCL) 1.48E+06	Entering top
1.48E+06	HPDE/GCL
7.33E+03	Fast flow path
8.74E+00	Entering side
1.48E+06	Leaving bottom
1.48E+06	HPDE/GCL
7.33E+03	Fast flow path
Roof (R) 1.48E+06	Entering top
1.45E+06	Concrete
3.12E+04	Joints
7.33E+03	Fast flow path
-5.32E+02	Entering side
1.48E+06	Leaving bottom
1.46E+06	Concrete
1.61E+04	Joints
6.08E+03	Fast flow path
Saltstone Disposal Unit (SDU) 1.48E+06	Entering top
1.47E+06	Saltstone
1.24E+04	Joint
6.08E+03	Column
6.33E+04	Entering side
1.80E+04	Wall segment 1
1.88E+04	Wall segment 2
1.42E+04	Wall segment 3
9.85E+03	Wall segment 4
3.67E+02	Wall segment 5
2.09E+03	Joints
1.55E+06	Leaving bottom
1.52E+06	Saltstone
2.71E+04	Joints
4.14E+03	Column
Floor 1.55E+06	Entering top

	1.54E+06	Concrete
	6.06E+03	Joints
	4.14E+03	Fast flow path
8.85E+02	Entering side	
1.55E+06	Leaving bottom	
	1.53E+06	Concrete
	1.01E+04	Joints
	7.51E+03	Fast flow path
Upper mud mat (UMM)	1.55E+06	Entering top
	1.54E+06	Concrete
	7.51E+03	Fast flow path
-3.46E+03	Entering side	
1.55E+06	Leaving bottom	
	1.54E+06	Concrete
	7.98E+03	Fast flow path
Floor HDPE/GCL (F_HDPE_GCL)	1.55E+06	Entering top
	1.54E+06	HPDE/GCL
	7.98E+03	Fast flow path
-1.53E-02	Entering side	
1.55E+06	Leaving bottom	
	1.54E+06	HPDE/GCL
	7.98E+03	Fast flow path
Lower mud mat (LMM)	1.55E+06	Entering top
	1.54E+06	Concrete
	7.98E+03	Fast flow path
-1.49E+03	Entering side	
1.54E+06	Leaving bottom	
	1.54E+06	Concrete
	8.02E+03	Fast flow path
Native soil	1.54E+06	Entering top
	-9.23E+04	Entering side
	1.45E+06	Leaving bottom

Comment

Lateral flow

Lateral flow

mtyp11
mtyp25

mtyp11
mtyp25

mtyp10
mtyp18 (roof)
mtyp24

mtyp10
mtyp18 (roof)
mtyp24

Underside of roof to top of floor (wall + grout + column + wall joints)
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mtyp23

mtyp13 (bottom)
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mtyp15
mtyp16
mtyp17 (top)
mtyp18 (wall top and bottom)

mtyp8
mtyp18 (wall bottom)
mtyp23

mtyp7
mtyp18
mtyp22

mtyp7
mtyp18
mtyp22

mtyp6
mtyp21

mtyp6
mtyp21

mtyp5
mtyp20

mtyp5
mtyp20

mtyp4
mytp19

mtyp4
mytp19
