

11. Annex

Time [min]	Qout_OS for ARI 1 with different imp. Fractions [m3/s]												
	Base (0% imp)	1% imp	2% imp	3% imp	4% imp	5% imp	7% imp	10% imp	15% imp	20% imp	25% imp	33% imp	50% imp
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.001	0.003	0.004	0.006	0.007	0.010	0.014	0.020	0.026	0.032	0.042	0.060
10.000	0.009	0.013	0.017	0.021	0.025	0.029	0.037	0.050	0.070	0.089	0.109	0.140	0.204
15.000	0.038	0.045	0.051	0.058	0.065	0.072	0.086	0.107	0.142	0.178	0.213	0.271	0.393
20.000	0.157	0.171	0.185	0.199	0.213	0.227	0.255	0.298	0.368	0.437	0.507	0.619	0.856
25.000	0.446	0.472	0.499	0.526	0.552	0.579	0.632	0.712	0.843	0.972	1.102	1.308	1.743
30.000	0.926	0.967	1.008	1.049	1.090	1.131	1.213	1.335	1.538	1.739	1.941	2.262	2.940
35.000	1.671	1.731	1.790	1.850	1.910	1.969	2.087	2.263	2.555	2.845	3.135	3.598	4.571
40.000	2.753	2.835	2.919	3.002	3.084	3.167	3.330	3.573	3.976	4.377	4.776	5.413	6.746
45.000	4.173	4.281	4.389	4.498	4.606	4.713	4.925	5.243	5.769	6.292	6.813	7.642	9.372
50.000	5.740	5.868	5.997	6.126	6.253	6.380	6.630	7.007	7.632	8.256	8.877	9.866	11.922
55.000	7.250	7.389	7.528	7.668	7.806	7.943	8.215	8.624	9.305	9.985	10.663	11.739	13.970
60.000	8.704	8.850	8.995	9.142	9.286	9.430	9.716	10.143	10.854	11.561	12.264	13.376	15.662
65.000	10.168	10.319	10.469	10.620	10.770	10.918	11.214	11.653	12.378	13.097	13.806	14.922	17.187
70.000	11.676	11.829	11.982	12.135	12.287	12.437	12.736	13.179	13.905	14.620	15.321	16.415	18.602
75.000	13.177	13.329	13.480	13.630	13.780	13.927	14.221	14.653	15.360	16.047	16.721	17.762	19.319
80.000	14.549	14.692	14.832	14.973	15.113	15.251	15.525	15.929	16.586	17.219	17.839	18.790	19.594
85.000	15.671	15.799	15.922	16.046	16.171	16.293	16.536	16.894	17.474	18.030	18.573	19.218	19.834
90.000	16.515	16.625	16.730	16.835	16.941	17.045	17.252	17.556	18.049	18.517	18.973	19.309	20.002
95.000	17.074	17.164	17.250	17.334	17.421	17.506	17.675	17.924	18.325	18.705	19.073	19.353	20.071
100.000	17.350	17.420	17.488	17.551	17.620	17.685	17.817	18.010	18.322	18.616	18.897	19.319	20.021
105.000	17.384	17.436	17.486	17.534	17.583	17.631	17.728	17.869	18.099	18.313	18.515	19.198	19.855
110.000	17.230	17.267	17.303	17.337	17.369	17.403	17.470	17.567	17.727	17.876	18.012	18.485	19.592
115.000	16.943	16.968	16.991	17.014	17.035	17.057	17.101	17.164	17.269	17.365	17.451	17.686	19.253
120.000	16.563	16.578	16.592	16.606	16.619	16.632	16.657	16.694	16.756	16.813	16.861	16.973	17.904
125.000	16.101	16.107	16.113	16.119	16.125	16.130	16.140	16.156	16.182	16.205	16.223	16.263	16.609
130.000	15.559	15.559	15.558	15.556	15.555	15.553	15.550	15.546	15.541	15.535	15.525	15.513	15.590
135.000	14.965	14.958	14.951	14.944	14.938	14.930	14.917	14.897	14.867	14.837	14.805	14.757	14.699
140.000	14.336	14.326	14.314	14.303	14.292	14.281	14.259	14.228	14.178	14.130	14.081	14.006	13.874
145.000	13.688	13.673	13.659	13.644	13.630	13.615	13.587	13.547	13.482	13.420	13.358	13.263	13.087
150.000	13.035	13.018	13.001	12.984	12.967	12.950	12.918	12.871	12.796	12.724	12.654	12.546	12.344
155.000	12.381	12.362	12.343	12.324	12.306	12.288	12.252	12.200	12.117	12.038	11.961	11.843	11.624
160.000	11.726	11.706	11.685	11.665	11.644	11.624	11.586	11.529	11.439	11.353	11.271	11.145	10.912
165.000	11.078	11.056	11.034	11.013	10.992	10.971	10.930	10.870	10.776	10.685	10.599	10.468	10.225
170.000	10.437	10.415	10.392	10.370	10.348	10.326	10.284	10.222	10.124	10.030	9.940	9.806	9.557
175.000	9.805	9.781	9.758	9.735	9.712	9.689	9.646	9.582	9.480	9.383	9.291	9.153	8.899
180.000	9.185	9.161	9.138	9.114	9.091	9.067	9.023	8.958	8.855	8.756	8.662	8.523	8.267
185.000	8.582	8.557	8.534	8.510	8.486	8.461	8.415	8.349	8.243	8.142	8.045	7.904	7.643
190.000	7.999	7.972	7.948	7.923	7.898	7.872	7.823	7.754	7.643	7.537	7.436	7.288	7.016
195.000	7.437	7.410	7.385	7.358	7.332	7.306	7.255	7.182	7.067	6.956	6.852	6.697	6.412
200.000	6.902	6.874	6.848	6.821	6.794	6.767	6.715	6.641	6.522	6.408	6.300	6.140	5.844
205.000	6.395	6.368	6.340	6.313	6.286	6.259	6.206	6.131	6.010	5.895	5.785	5.621	5.318
210.000	5.918	5.891	5.863	5.836	5.809	5.782	5.729	5.654	5.532	5.416	5.305	5.139	4.833
215.000	5.471	5.444	5.417	5.390	5.363	5.336	5.284	5.208	5.087	4.971	4.860	4.694	4.387
220.000	5.054	5.027	5.000	4.973	4.947	4.920	4.869	4.794	4.674	4.559	4.449	4.285	3.979
225.000	4.666	4.639	4.613	4.587	4.561	4.535	4.485	4.411	4.293	4.179	4.071	3.909	3.607
230.000	4.306	4.280	4.254	4.229	4.203	4.178	4.129	4.057	3.941	3.830	3.724	3.565	3.269
235.000	3.973	3.947	3.922	3.897	3.873	3.848	3.801	3.730	3.618	3.510	3.407	3.251	2.963
240.000	3.665	3.640	3.616	3.592	3.568	3.545	3.498	3.431	3.321	3.217	3.116	2.966	2.685
245.000	2.450	2.434	2.417	2.401	2.384	2.368	2.336	2.290	2.215	2.143	2.075	1.971	1.779

Figure 20: Discharge values for 1-year ARI for parameter evaluation.

Time [min]	Qout_OS for ARI 50 with different imp. Fractions [m3/s]												
	Base (0% imp)	1% imp	2% imp	3% imp	4% imp	5% imp	7% imp	10% imp	15% imp	20% imp	25% imp	33% imp	50% imp
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.002	0.004	0.006	0.008	0.009	0.013	0.019	0.027	0.035	0.043	0.055	0.080
10.000	0.016	0.021	0.026	0.032	0.037	0.043	0.054	0.070	0.097	0.123	0.149	0.190	0.275
15.000	0.065	0.074	0.083	0.092	0.101	0.110	0.129	0.158	0.205	0.253	0.301	0.378	0.542
20.000	0.249	0.267	0.286	0.305	0.324	0.344	0.382	0.440	0.534	0.628	0.722	0.872	1.189
25.000	0.687	0.722	0.759	0.795	0.832	0.868	0.941	1.049	1.225	1.400	1.574	1.851	2.433
30.000	1.411	1.467	1.523	1.579	1.636	1.692	1.803	1.969	2.244	2.517	2.789	3.222	4.130
35.000	2.525	2.607	2.689	2.771	2.852	2.933	3.094	3.334	3.730	4.124	4.516	5.140	6.445
40.000	4.135	4.248	4.363	4.477	4.590	4.703	4.926	5.258	5.806	6.350	6.891	7.749	9.539
45.000	6.247	6.396	6.545	6.695	6.843	6.990	7.281	7.715	8.431	9.142	9.848	10.965	13.285
50.000	8.591	8.768	8.944	9.121	9.296	9.470	9.814	10.328	11.180	12.026	12.867	14.196	16.943
55.000	10.861	11.052	11.241	11.433	11.622	11.808	12.181	12.736	13.660	14.577	15.487	16.925	19.334
60.000	13.041	13.238	13.435	13.633	13.829	14.021	14.408	14.981	15.932	16.873	17.804	19.186	19.989
65.000	15.205	15.405	15.604	15.804	16.002	16.197	16.587	17.164	18.115	19.051	19.357	19.717	20.817
70.000	17.371	17.569	17.767	17.964	18.159	18.352	18.736	19.194	19.419	19.638	19.942	20.445	21.764
75.000	19.230	19.276	19.322	19.368	19.413	19.457	19.545	19.690	20.005	20.311	20.683	21.288	22.752
80.000	19.701	19.764	19.826	19.888	19.950	20.010	20.130	20.317	20.693	21.056	21.471	22.137	23.669
85.000	20.264	20.337	20.409	20.481	20.552	20.622	20.761	20.972	21.378	21.770	22.201	22.890	24.418
90.000	20.842	20.919	20.995	21.071	21.146	21.220	21.366	21.586	21.999	22.396	22.823	23.502	24.970
95.000	21.371	21.447	21.522	21.597	21.672	21.746	21.890	22.107	22.508	22.893	23.299	23.943	25.308
100.000	21.803	21.874	21.945	22.016	22.087	22.156	22.293	22.498	22.871	23.228	23.602	24.192	25.423
105.000	22.110	22.175	22.239	22.304	22.368	22.430	22.554	22.740	23.075	23.396	23.729	24.253	25.335
110.000	22.286	22.342	22.398	22.455	22.511	22.566	22.675	22.838	23.130	23.410	23.698	24.152	25.079
115.000	22.334	22.382	22.430	22.478	22.526	22.573	22.666	22.805	23.053	23.292	23.536	23.920	24.697
120.000	22.266	22.306	22.345	22.385	22.425	22.464	22.542	22.657	22.864	23.061	23.263	23.581	24.219
125.000	22.089	22.120	22.152	22.184	22.216	22.247	22.309	22.402	22.568	22.727	22.889	23.144	23.654
130.000	21.807	21.830	21.854	21.878	21.902	21.926	21.973	22.043	22.171	22.293	22.418	22.615	23.006
135.000	21.431	21.448	21.464	21.481	21.498	21.514	21.548	21.597	21.690	21.778	21.868	22.011	22.295
140.000	20.976	20.986	20.995	21.005	21.016	21.026	21.047	21.077	21.137	21.194	21.253	21.348	21.538
145.000	20.452	20.456	20.460	20.464	20.468	20.472	20.482	20.495	20.526	20.555	20.587	20.638	20.745
150.000	19.873	19.872	19.870	19.869	19.868	19.867	19.866	19.865	19.870	19.875	19.883	19.897	19.932
155.000	19.249	19.243	19.237	19.231	19.225	19.220	19.210	19.196	19.179	19.163	19.144	19.041	18.928
160.000	16.798	16.755	16.713	16.671	16.632	16.593	16.520	16.411	16.261	16.116	16.004	15.849	15.565
165.000	15.034	14.996	14.959	14.921	14.886	14.850	14.782	14.682	14.530	14.384	14.256	14.067	13.716
170.000	13.830	13.794	13.757	13.722	13.687	13.653	13.587	13.489	13.336	13.189	13.053	12.851	12.473
175.000	12.852	12.817	12.781	12.746	12.711	12.677	12.611	12.513	12.358	12.210	12.071	11.861	11.473
180.000	11.980	11.944	11.909	11.874	11.840	11.806	11.739	11.641	11.486	11.338	11.198	10.987	10.597
185.000	11.163	11.127	11.091	11.056	11.021	10.987	10.919	10.821	10.664	10.514	10.372	10.159	9.766
190.000	10.381	10.344	10.308	10.271	10.236	10.200	10.129	10.028	9.866	9.711	9.565	9.345	8.940
195.000	9.632	9.594	9.557	9.519	9.482	9.444	9.372	9.268	9.102	8.942	8.792	8.565	8.147
200.000	8.918	8.879	8.841	8.803	8.766	8.728	8.655	8.549	8.379	8.217	8.063	7.831	7.402
205.000	8.242	8.203	8.165	8.126	8.089	8.051	7.978	7.871	7.701	7.537	7.382	7.148	6.713
210.000	7.606	7.567	7.529	7.491	7.454	7.417	7.344	7.238	7.067	6.904	6.749	6.514	6.078
215.000	7.010	6.972	6.935	6.897	6.860	6.824	6.752	6.647	6.478	6.317	6.163	5.930	5.496
220.000	6.455	6.418	6.381	6.344	6.308	6.272	6.202	6.098	5.933	5.774	5.622	5.393	4.965
225.000	5.939	5.902	5.866	5.831	5.795	5.761	5.692	5.591	5.429	5.274	5.126	4.902	4.483
230.000	5.461	5.426	5.391	5.356	5.322	5.288	5.222	5.124	4.966	4.816	4.671	4.453	4.045
235.000	5.019	4.986	4.952	4.919	4.886	4.853	4.789	4.694	4.542	4.396	4.257	4.046	3.651
240.000	4.613	4.581	4.548	4.516	4.485	4.453	4.392	4.301	4.154	4.014	3.879	3.676	3.295
245.000	3.078	3.056	3.034	3.012	2.991	2.969	2.927	2.865	2.765	2.669	2.577	2.438	2.178

Figure 21: Discharge values for 2-year ARI for parameter evaluation.

Time [min]	Qout_OS for ARI 5 with different imp. Fractions [m3/s]												
	Base (0% imp)	1% imp	2% imp	3% imp	4% imp	5% imp	7% imp	10% imp	15% imp	20% imp	25% imp	33% imp	50% imp
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.000	0.005	0.007	0.010	0.012	0.015	0.017	0.022	0.030	0.041	0.051	0.062	0.078	0.110
10.000	0.040	0.047	0.055	0.062	0.070	0.077	0.093	0.115	0.151	0.186	0.221	0.275	0.390
15.000	0.133	0.145	0.158	0.171	0.184	0.197	0.223	0.262	0.328	0.392	0.457	0.561	0.781
20.000	0.434	0.460	0.487	0.513	0.540	0.567	0.620	0.700	0.829	0.957	1.084	1.287	1.713
25.000	1.125	1.176	1.226	1.277	1.328	1.378	1.478	1.627	1.869	2.108	2.345	2.721	3.504
30.000	2.253	2.331	2.410	2.488	2.567	2.645	2.799	3.028	3.406	3.780	4.151	4.740	5.967
35.000	3.965	4.079	4.193	4.308	4.421	4.534	4.757	5.089	5.635	6.175	6.711	7.562	9.328
40.000	6.422	6.581	6.741	6.901	7.058	7.215	7.524	7.984	8.741	9.487	10.228	11.401	13.824
45.000	9.643	9.852	10.062	10.271	10.477	10.682	11.086	11.687	12.676	13.650	14.616	16.141	19.188
50.000	13.230	13.477	13.724	13.971	14.215	14.456	14.933	15.644	16.816	17.972	19.118	19.587	20.494
55.000	16.707	16.971	17.236	17.500	17.760	18.018	18.529	19.191	19.496	19.798	20.095	20.758	22.129
60.000	19.367	19.432	19.497	19.561	19.625	19.689	19.815	20.016	20.464	20.906	21.341	22.188	23.920
65.000	20.236	20.330	20.424	20.517	20.609	20.701	20.882	21.163	21.724	22.274	22.814	23.796	25.785
70.000	21.418	21.534	21.650	21.765	21.878	21.991	22.214	22.555	23.195	23.823	24.437	25.506	27.654
75.000	22.812	22.942	23.072	23.202	23.329	23.456	23.708	24.087	24.775	25.449	26.105	27.217	29.431
80.000	24.285	24.423	24.560	24.696	24.830	24.963	25.227	25.624	26.327	27.014	27.682	28.790	30.984
85.000	25.706	25.844	25.980	26.116	26.249	26.382	26.644	27.037	27.724	28.395	29.045	30.109	32.202
90.000	26.988	27.119	27.249	27.379	27.506	27.632	27.881	28.256	28.904	29.537	30.146	31.135	33.069
95.000	28.068	28.189	28.309	28.428	28.545	28.660	28.890	29.233	29.826	30.403	30.956	31.849	33.584
100.000	28.905	29.012	29.119	29.225	29.329	29.431	29.634	29.939	30.463	30.973	31.460	32.242	33.753
105.000	29.483	29.575	29.666	29.758	29.847	29.934	30.108	30.370	30.820	31.257	31.673	32.339	33.618
110.000	29.814	29.890	29.966	30.042	30.116	30.189	30.334	30.552	30.927	31.291	31.637	32.188	33.239
115.000	29.923	29.984	30.046	30.107	30.167	30.226	30.343	30.520	30.823	31.118	31.397	31.841	32.681
120.000	29.841	29.888	29.936	29.984	30.031	30.077	30.168	30.308	30.546	30.778	30.996	31.343	31.993
125.000	29.587	29.622	29.658	29.694	29.729	29.763	29.831	29.935	30.114	30.289	30.452	30.712	31.192
130.000	29.178	29.202	29.227	29.251	29.275	29.298	29.344	29.416	29.541	29.663	29.776	29.957	30.286
135.000	28.637	28.650	28.665	28.679	28.693	28.706	28.732	28.776	28.852	28.927	28.995	29.107	29.302
140.000	27.985	27.989	27.994	28.000	28.005	28.009	28.019	28.036	28.070	28.104	28.133	28.183	28.263
145.000	27.241	27.238	27.235	27.232	27.230	27.227	27.221	27.216	27.213	27.211	27.205	27.203	27.184
150.000	26.427	26.417	26.407	26.398	26.388	26.379	26.360	26.336	26.301	26.269	26.234	26.187	26.084
155.000	25.556	25.540	25.524	25.509	25.494	25.479	25.450	25.409	25.347	25.288	25.229	25.143	24.970
160.000	24.639	24.618	24.597	24.577	24.557	24.537	24.498	24.443	24.357	24.276	24.195	24.076	23.843
165.000	23.687	23.662	23.637	23.612	23.588	23.564	23.517	23.450	23.344	23.243	23.144	22.999	22.715
170.000	22.711	22.682	22.653	22.625	22.597	22.570	22.516	22.438	22.315	22.198	22.084	21.915	21.589
175.000	21.716	21.684	21.652	21.620	21.589	21.559	21.499	21.413	21.275	21.143	21.017	20.827	20.466
180.000	20.710	20.675	20.641	20.607	20.573	20.540	20.475	20.382	20.232	20.089	19.951	19.745	19.355
185.000	19.700	19.663	19.626	19.590	19.554	19.519	19.449	19.349	19.189	18.645	18.038	17.131	15.418
190.000	17.216	17.055	16.894	16.735	16.578	16.423	16.117	15.679	14.977	14.540	14.173	13.626	12.600
195.000	13.961	13.865	13.770	13.675	13.582	13.489	13.307	13.047	12.628	12.320	12.046	11.636	10.869
200.000	12.117	12.047	11.977	11.908	11.840	11.771	11.639	11.448	11.140	10.882	10.643	10.285	9.615
205.000	10.861	10.801	10.742	10.683	10.625	10.567	10.455	10.291	10.028	9.790	9.565	9.228	8.596
210.000	9.870	9.815	9.761	9.706	9.653	9.600	9.496	9.345	9.101	8.873	8.656	8.329	7.716
215.000	9.018	8.966	8.913	8.862	8.811	8.760	8.661	8.516	8.283	8.062	7.850	7.531	6.932
220.000	8.253	8.203	8.152	8.103	8.054	8.005	7.910	7.770	7.545	7.329	7.123	6.812	6.228
225.000	7.555	7.507	7.458	7.410	7.363	7.316	7.224	7.089	6.871	6.663	6.463	6.161	5.593
230.000	6.915	6.869	6.822	6.776	6.730	6.686	6.597	6.467	6.257	6.056	5.863	5.571	5.022
235.000	6.328	6.283	6.239	6.195	6.151	6.108	6.023	5.898	5.697	5.504	5.318	5.037	4.509
240.000	5.790	5.747	5.705	5.663	5.621	5.580	5.499	5.380	5.187	5.002	4.825	4.556	4.050
245.000	3.854	3.825	3.797	3.768	3.740	3.712	3.657	3.576	3.445	3.319	3.198	3.015	2.670

Figure 22: Discharge values for 5-year ARI for parameter evaluation.

Time [min]	Qout_OS for ARI 50 with different imp. Fractions [m3/s]													
	Base (0% imp)	1% imp	2% imp	3% imp	4% imp	5% imp	7% imp	10% imp	15% imp	20% imp	25% imp	33% imp	50% imp	
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
5.000	0.010	0.014	0.017	0.020	0.023	0.026	0.032	0.041	0.055	0.068	0.081	0.101	0.141	
10.000	0.156	0.170	0.185	0.200	0.215	0.229	0.259	0.302	0.368	0.433	0.496	0.595	0.797	
15.000	0.504	0.534	0.563	0.593	0.623	0.653	0.712	0.799	0.942	1.081	1.219	1.437	1.889	
20.000	1.092	1.138	1.185	1.231	1.278	1.324	1.416	1.553	1.779	2.003	2.226	2.580	3.320	
25.000	2.246	2.324	2.402	2.480	2.557	2.634	2.786	3.012	3.381	3.745	4.105	4.677	5.864	
30.000	4.004	4.118	4.233	4.349	4.463	4.576	4.799	5.132	5.678	6.217	6.752	7.598	9.350	
35.000	6.933	7.107	7.281	7.455	7.627	7.797	8.134	8.632	9.445	10.245	11.036	12.282	14.846	
40.000	11.602	11.861	12.121	12.381	12.637	12.890	13.387	14.124	15.323	16.498	17.654	19.235	20.132	
45.000	17.133	17.459	17.786	18.112	18.433	18.749	19.212	19.436	19.804	20.166	20.523	21.115	22.662	
50.000	19.979	20.066	20.152	20.239	20.324	20.408	20.597	20.946	21.522	22.088	22.646	23.549	25.670	
55.000	21.561	21.688	21.815	21.943	22.068	22.191	22.456	22.907	23.649	24.379	25.097	26.245	28.806	
60.000	23.553	23.711	23.869	24.028	24.184	24.338	24.661	25.187	26.053	26.902	27.735	29.055	31.908	
65.000	25.830	26.010	26.189	26.368	26.545	26.721	27.080	27.655	28.600	29.521	30.421	31.842	34.840	
70.000	28.196	28.385	28.574	28.762	28.949	29.133	29.506	30.099	31.068	32.011	32.929	34.372	36.486	
75.000	30.429	30.616	30.802	30.987	31.171	31.352	31.717	32.295	33.238	34.150	35.038	36.108	37.308	
80.000	32.394	32.570	32.743	32.918	33.091	33.260	33.602	34.141	35.020	35.863	36.211	36.749	37.945	
85.000	34.008	34.167	34.323	34.480	34.636	34.789	35.097	35.582	36.084	36.388	36.712	37.237	38.389	
90.000	35.198	35.335	35.469	35.602	35.737	35.869	35.989	36.158	36.449	36.735	37.041	37.536	38.612	
95.000	35.904	35.950	35.994	36.038	36.082	36.126	36.222	36.376	36.641	36.901	37.180	37.631	38.607	
100.000	36.025	36.065	36.102	36.140	36.179	36.216	36.301	36.436	36.670	36.899	37.145	37.545	38.411	
105.000	36.002	36.035	36.066	36.097	36.130	36.161	36.232	36.346	36.548	36.743	36.955	37.302	38.053	
110.000	35.763	35.827	35.886	35.913	35.938	35.963	36.020	36.113	36.280	36.440	36.618	36.910	37.548	
115.000	35.046	35.087	35.124	35.167	35.213	35.257	35.364	35.542	35.870	36.009	36.153	36.390	36.918	
120.000	34.104	34.125	34.143	34.166	34.193	34.216	34.283	34.396	34.613	34.846	35.123	35.583	36.192	
125.000	32.981	32.986	32.987	32.993	33.002	33.009	33.039	33.096	33.218	33.356	33.532	33.834	34.619	
130.000	31.706	31.696	31.682	31.672	31.666	31.657	31.655	31.662	31.700	31.753	31.842	32.005	32.491	
135.000	30.312	30.287	30.260	30.237	30.217	30.195	30.165	30.128	30.093	30.072	30.085	30.126	30.353	
140.000	28.833	28.797	28.759	28.724	28.692	28.659	28.604	28.531	28.432	28.349	28.296	28.234	28.240	
145.000	27.302	27.256	27.209	27.165	27.122	27.079	27.004	26.900	26.749	26.612	26.504	26.355	26.175	
150.000	25.746	25.693	25.638	25.585	25.535	25.484	25.393	25.263	25.068	24.888	24.734	24.513	24.180	
155.000	24.189	24.129	24.068	24.009	23.953	23.896	23.791	23.641	23.411	23.195	23.005	22.726	22.267	
160.000	22.649	22.585	22.519	22.456	22.394	22.332	22.217	22.051	21.793	21.551	21.331	21.006	20.447	
165.000	21.143	21.075	21.006	20.939	20.874	20.809	20.686	20.508	20.230	19.966	19.724	19.364	17.381	
170.000	19.682	19.612	19.541	19.472	19.405	19.337	19.209	18.597	17.388	16.239	15.174	13.580	11.543	
175.000	15.520	15.226	14.929	14.640	14.356	14.073	13.532	13.004	12.312	11.651	11.030	10.096	8.708	
180.000	11.659	11.499	11.338	11.180	11.025	10.871	10.573	10.239	9.764	9.307	8.873	8.217	7.120	
185.000	9.607	9.503	9.398	9.295	9.193	9.092	8.895	8.646	8.268	7.905	7.556	7.027	6.080	
190.000	8.321	8.241	8.161	8.082	8.004	7.926	7.775	7.567	7.240	6.925	6.622	6.161	5.306	
195.000	7.384	7.317	7.249	7.182	7.116	7.051	6.922	6.738	6.443	6.159	5.885	5.467	4.682	
200.000	6.629	6.569	6.510	6.450	6.391	6.333	6.218	6.050	5.780	5.519	5.267	4.883	4.156	
205.000	5.986	5.932	5.877	5.823	5.770	5.717	5.611	5.457	5.207	4.966	4.732	4.377	3.702	
210.000	5.423	5.373	5.323	5.273	5.224	5.175	5.078	4.935	4.704	4.480	4.264	3.934	3.308	
215.000	4.924	4.877	4.831	4.785	4.740	4.694	4.605	4.472	4.258	4.050	3.849	3.544	2.962	
220.000	4.478	4.435	4.392	4.349	4.307	4.265	4.182	4.060	3.861	3.668	3.482	3.198	2.658	
225.000	4.078	4.038	3.999	3.959	3.920	3.882	3.805	3.691	3.507	3.328	3.155	2.892	2.391	
230.000	3.720	3.683	3.646	3.610	3.574	3.538	3.466	3.361	3.190	3.024	2.864	2.619	2.155	
235.000	3.398	3.364	3.330	3.296	3.262	3.229	3.163	3.065	2.906	2.753	2.604	2.377	1.946	
240.000	3.108	3.076	3.045	3.014	2.982	2.951	2.890	2.800	2.652	2.510	2.371	2.161	1.761	
245.000	2.070	2.048	2.027	2.006	1.985	1.965	1.924	1.863	1.764	1.668	1.576	1.435	1.576	

Figure 23: Discharge values for 10-year ARI for parameter evaluation.

Time [min]	Qout_OS for ARI 20 with different imp. Fractions [m3/s]												
	Base (0% imp)	1% imp	2% imp	3% imp	4% imp	5% imp	7% imp	10% imp	15% imp	20% imp	25% imp	33% imp	50% imp
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.000	0.017	0.020	0.024	0.027	0.031	0.035	0.042	0.053	0.069	0.084	0.099	0.122	0.169
10.000	0.207	0.224	0.241	0.259	0.276	0.294	0.328	0.379	0.458	0.534	0.608	0.724	0.960
15.000	0.655	0.690	0.726	0.761	0.797	0.833	0.903	1.007	1.175	1.340	1.503	1.760	2.292
20.000	1.406	1.461	1.517	1.573	1.628	1.684	1.793	1.957	2.226	2.492	2.756	3.175	4.047
25.000	2.861	2.954	3.047	3.141	3.233	3.325	3.507	3.776	4.215	4.647	5.075	5.751	7.152
30.000	5.072	5.209	5.348	5.486	5.622	5.758	6.025	6.422	7.073	7.714	8.349	9.352	11.422
35.000	8.741	8.949	9.158	9.367	9.573	9.777	10.179	10.774	11.743	12.695	13.635	15.112	18.137
40.000	14.581	14.892	15.204	15.516	15.822	16.124	16.720	17.599	19.026	19.466	19.798	20.319	21.376
45.000	19.730	19.825	19.920	20.014	20.107	20.199	20.379	20.647	21.085	21.654	22.229	23.128	24.945
50.000	21.632	21.779	21.925	22.072	22.216	22.357	22.637	23.052	23.733	24.521	25.310	26.542	29.023
55.000	24.107	24.294	24.481	24.669	24.852	25.034	25.392	25.924	26.797	27.755	28.708	30.193	33.169
60.000	26.991	27.208	27.424	27.640	27.853	28.064	28.479	29.094	30.104	31.176	32.239	33.890	36.409
65.000	30.120	30.353	30.587	30.820	31.050	31.277	31.725	32.390	33.478	34.607	35.724	36.522	37.947
70.000	33.247	33.482	33.719	33.955	34.188	34.419	34.874	35.549	36.197	36.653	37.103	37.852	39.375
75.000	35.977	36.067	36.159	36.251	36.340	36.430	36.606	36.868	37.320	37.793	38.258	39.024	40.570
80.000	36.970	37.061	37.153	37.245	37.335	37.425	37.602	37.864	38.315	38.784	39.245	39.998	41.508
85.000	37.849	37.936	38.025	38.114	38.201	38.288	38.458	38.712	39.145	39.596	40.038	40.757	42.189
90.000	38.561	38.643	38.725	38.808	38.888	38.970	39.128	39.364	39.767	40.187	40.598	41.264	42.587
95.000	39.074	39.148	39.222	39.295	39.368	39.441	39.583	39.796	40.158	40.538	40.909	41.510	42.700
100.000	39.387	39.451	39.515	39.580	39.642	39.707	39.831	40.017	40.335	40.670	40.997	41.527	42.574
105.000	39.509	39.563	39.618	39.672	39.725	39.780	39.886	40.045	40.317	40.606	40.888	41.346	42.251
110.000	39.448	39.493	39.537	39.582	39.625	39.671	39.758	39.889	40.116	40.359	40.596	40.983	41.748
115.000	39.220	39.256	39.291	39.326	39.359	39.396	39.465	39.569	39.752	39.951	40.145	40.463	41.095
120.000	38.846	38.873	38.899	38.925	38.950	38.978	39.031	39.110	39.251	39.408	39.562	39.817	40.324
125.000	38.341	38.360	38.377	38.396	38.412	38.432	38.468	38.524	38.626	38.745	38.860	39.056	39.448
130.000	37.715	37.725	37.734	37.745	37.753	37.765	37.786	37.819	37.882	37.963	38.043	38.181	38.463
135.000	36.980	36.982	36.983	36.986	36.986	36.991	36.997	37.008	37.035	37.080	37.125	37.209	37.385
140.000	36.151	36.146	36.140	36.135	36.129	36.126	36.118	36.108	36.102	36.113	36.125	36.159	36.236
145.000	34.291	34.263	34.231	34.203	34.171	34.147	34.097	34.025	33.932	33.883	33.838	33.804	33.771
150.000	32.029	31.988	31.945	31.904	31.860	31.823	31.748	31.640	31.484	31.369	31.259	31.122	30.887
155.000	29.832	29.781	29.728	29.677	29.623	29.576	29.482	29.344	29.137	28.968	28.806	28.585	28.185
160.000	27.713	27.654	27.593	27.534	27.473	27.418	27.308	27.147	26.901	26.688	26.485	26.197	25.665
165.000	25.682	25.617	25.550	25.486	25.419	25.358	25.236	25.058	24.780	24.535	24.299	23.958	23.324
170.000	23.748	23.678	23.608	23.539	23.468	23.403	23.272	23.081	22.781	22.511	22.251	21.871	21.159
175.000	21.915	21.843	21.769	21.698	21.625	21.557	21.420	21.220	20.905	20.617	20.340	19.931	19.164
180.000	20.187	20.114	20.039	19.966	19.892	19.822	19.682	19.477	19.130	17.894	16.705	14.943	11.622
185.000	16.712	16.405	16.096	15.792	15.486	15.194	14.613	13.761	12.419	11.725	11.058	10.060	8.175
190.000	11.589	11.426	11.261	11.098	10.935	10.778	10.466	10.008	9.280	8.815	8.366	7.690	6.409
195.000	9.087	8.983	8.878	8.774	8.670	8.569	8.369	8.075	7.603	7.240	6.891	6.361	5.357
200.000	7.667	7.589	7.510	7.433	7.355	7.279	7.129	6.907	6.549	6.240	5.942	5.490	4.629
205.000	6.719	6.654	6.589	6.524	6.460	6.396	6.271	6.085	5.785	5.510	5.243	4.839	4.069
210.000	5.998	5.941	5.883	5.826	5.770	5.714	5.603	5.439	5.174	4.923	4.680	4.311	3.609
215.000	5.403	5.351	5.300	5.248	5.197	5.146	5.046	4.898	4.657	4.426	4.203	3.863	3.217
220.000	4.891	4.844	4.796	4.749	4.702	4.656	4.564	4.428	4.207	3.994	3.788	3.474	2.878
225.000	4.441	4.397	4.353	4.310	4.267	4.224	4.139	4.014	3.810	3.613	3.423	3.133	2.582
230.000	4.040	4.000	3.960	3.920	3.880	3.840	3.762	3.646	3.458	3.276	3.100	2.832	2.322
235.000	3.683	3.645	3.608	3.571	3.534	3.498	3.425	3.318	3.144	2.976	2.813	2.565	2.093
240.000	3.362	3.327	3.293	3.259	3.225	3.191	3.124	3.025	2.864	2.708	2.557	2.327	2.327
245.000	2.237	2.213	2.190	2.167	2.145	2.122	2.077	2.011	1.903	1.798	1.697	1.543	1.543

Figure 24: Discharge values for 20-year ARI for parameter evaluation.

Time [min]	Qout_OS for ARI 50 with different imp. Fractions [m3/s]													
	Base (0% imp)	1% imp	2% imp	3% imp	4% imp	5% imp	7% imp	10% imp	15% imp	20% imp	25% imp	33% imp	50% imp	
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
5.000	0.031	0.036	0.041	0.046	0.051	0.055	0.065	0.079	0.100	0.120	0.139	0.169	0.230	
10.000	0.295	0.317	0.338	0.360	0.382	0.404	0.447	0.510	0.609	0.703	0.795	0.939	1.233	
15.000	0.908	0.952	0.996	1.041	1.085	1.130	1.217	1.347	1.557	1.761	1.963	2.281	2.937	
20.000	1.925	1.995	2.065	2.136	2.206	2.275	2.412	2.617	2.953	3.284	3.612	4.131	5.208	
25.000	3.804	3.918	4.033	4.148	4.262	4.375	4.598	4.928	5.466	5.996	6.519	7.345	9.049	
30.000	6.608	6.776	6.945	7.113	7.279	7.444	7.768	8.250	9.040	9.817	10.584	11.795	14.282	
35.000	11.136	11.386	11.637	11.887	12.134	12.378	12.858	13.569	14.726	15.861	16.979	18.733	19.924	
40.000	18.231	18.598	18.967	19.202	19.290	19.376	19.546	19.796	20.204	20.601	20.991	21.599	23.181	
45.000	20.973	21.084	21.196	21.326	21.475	21.622	21.910	22.337	23.035	23.717	24.385	25.427	27.826	
50.000	23.798	23.969	24.139	24.327	24.528	24.727	25.118	25.697	26.647	27.576	28.487	29.905	33.005	
55.000	27.240	27.457	27.672	27.903	28.145	28.384	28.854	29.550	30.691	31.808	32.901	34.598	36.824	
60.000	31.092	31.340	31.587	31.847	32.116	32.382	32.906	33.680	34.946	36.009	36.497	37.254	38.907	
65.000	35.141	35.407	35.670	35.912	36.026	36.139	36.362	36.690	37.225	37.757	38.308	39.159	40.978	
70.000	37.185	37.292	37.399	37.512	37.635	37.757	37.998	38.352	38.929	39.500	40.086	40.987	42.887	
75.000	38.733	38.845	38.956	39.071	39.197	39.322	39.568	39.930	40.520	41.100	41.694	42.603	44.501	
80.000	40.173	40.284	40.394	40.506	40.630	40.753	40.996	41.350	41.929	42.497	43.078	43.961	45.796	
85.000	41.450	41.556	41.661	41.768	41.886	42.003	42.236	42.572	43.124	43.665	44.217	45.053	46.689	
90.000	42.511	42.609	42.706	42.804	42.914	43.022	43.238	43.550	44.061	44.561	45.073	45.844	47.085	
95.000	43.319	43.406	43.493	43.580	43.679	43.777	43.971	44.251	44.712	45.162	45.625	46.317	47.285	
100.000	43.877	43.952	44.028	44.104	44.191	44.278	44.449	44.695	45.101	45.498	45.906	46.516	47.319	
105.000	44.202	44.266	44.331	44.396	44.471	44.546	44.694	44.906	45.257	45.599	45.955	46.482	47.215	
110.000	44.306	44.359	44.412	44.466	44.529	44.592	44.718	44.896	45.192	45.481	45.784	46.230	46.979	
115.000	44.206	44.248	44.290	44.333	44.385	44.437	44.540	44.686	44.929	45.167	45.419	45.787	46.627	
120.000	43.926	43.958	43.991	44.023	44.065	44.106	44.189	44.304	44.498	44.688	44.892	45.189	45.933	
125.000	43.484	43.506	43.529	43.552	43.583	43.615	43.678	43.764	43.911	44.056	44.216	44.445	45.048	
130.000	42.886	42.899	42.913	42.926	42.947	42.969	43.013	43.071	43.173	43.273	43.390	43.553	44.020	
135.000	42.149	42.153	42.157	42.161	42.173	42.185	42.210	42.242	42.300	42.357	42.432	42.533	42.869	
140.000	41.289	41.284	41.279	41.275	41.277	41.281	41.289	41.295	41.312	41.329	41.365	41.405	41.620	
145.000	40.324	40.311	40.298	40.286	40.280	40.276	40.267	40.250	40.228	40.209	40.207	40.193	40.293	
150.000	39.272	39.252	39.232	39.212	39.199	39.187	39.164	39.124	39.068	39.014	38.979	38.914	38.910	
155.000	38.150	38.123	38.097	38.070	38.050	38.031	37.994	37.936	37.847	37.763	37.697	37.586	37.487	
160.000	36.973	36.940	36.907	36.875	36.849	36.824	36.775	36.699	36.582	36.470	36.377	36.225	36.041	
165.000	35.554	35.460	35.367	35.275	35.197	35.122	34.974	34.748	34.397	34.060	33.770	33.304	32.661	
170.000	32.500	32.403	32.308	32.213	32.130	32.050	31.893	31.654	31.279	30.920	30.603	30.099	29.349	
175.000	29.671	29.574	29.477	29.381	29.295	29.212	29.048	28.801	28.411	28.037	27.701	27.172	26.343	
180.000	27.059	26.961	26.864	26.768	26.681	26.596	26.429	26.177	25.779	25.396	25.049	24.505	23.621	
185.000	24.651	24.554	24.458	24.363	24.276	24.190	24.022	23.770	23.369	22.984	22.631	22.080	21.161	
190.000	22.437	22.343	22.249	22.155	22.068	21.984	21.817	21.566	21.168	20.784	20.431	19.880	18.267	
195.000	20.407	20.315	20.223	20.132	20.047	19.964	19.799	19.554	19.161	18.607	18.161	17.518	16.449	
200.000	16.639	16.272	15.907	15.544	15.202	14.866	14.204	13.217	11.637	10.828	10.073	8.906	7.001	
205.000	10.797	10.612	10.429	10.247	10.073	9.902	9.565	9.063	8.257	7.760	7.291	6.569	5.320	
210.000	8.085	7.976	7.868	7.760	7.655	7.552	7.349	7.046	6.559	6.199	5.855	5.329	4.376	
215.000	6.651	6.575	6.498	6.422	6.348	6.274	6.129	5.913	5.565	5.271	4.989	4.559	3.758	
220.000	5.760	5.699	5.638	5.577	5.517	5.458	5.340	5.166	4.884	4.629	4.383	4.007	3.299	
225.000	5.117	5.064	5.012	4.960	4.908	4.856	4.755	4.604	4.360	4.130	3.908	3.570	2.930	
230.000	4.604	4.556	4.510	4.463	4.416	4.370	4.279	4.144	3.925	3.715	3.513	3.204	2.618	
235.000	4.169	4.126	4.083	4.041	3.998	3.956	3.873	3.750	3.551	3.358	3.172	2.888	2.349	
240.000	3.789	3.750	3.711	3.672	3.633	3.594	3.518	3.405	3.222	3.044	2.873	2.612	-	
245.000	2.516	2.490	2.463	2.437	2.411	2.386	2.335	2.259	2.137	2.018	1.904	1.729	-	

Figure 25: Discharge values for 50-year ARI for parameter evaluation.

Time [min]	Qout_OS for ARI 50 with different imp. Fractions [m3/s]												
	Base (0% imp)	1% imp	2% imp	3% imp	4% imp	5% imp	7% imp	10% imp	15% imp	20% imp	25% imp	33% imp	50% imp
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.000	0.040	0.045	0.051	0.056	0.062	0.067	0.078	0.094	0.117	0.140	0.161	0.195	0.263
10.000	0.358	0.383	0.407	0.432	0.457	0.482	0.531	0.602	0.713	0.820	0.925	1.087	1.417
15.000	1.092	1.142	1.193	1.244	1.295	1.346	1.445	1.593	1.831	2.064	2.293	2.653	3.393
20.000	2.306	2.386	2.467	2.547	2.627	2.706	2.863	3.097	3.479	3.856	4.229	4.818	6.037
25.000	4.533	4.664	4.796	4.927	5.057	5.186	5.441	5.818	6.431	7.034	7.629	8.567	10.497
30.000	7.855	8.047	8.240	8.433	8.623	8.812	9.183	9.734	10.635	11.520	12.394	13.770	16.590
35.000	13.208	13.493	13.781	14.068	14.351	14.629	15.179	15.991	17.312	18.605	19.334	19.817	20.800
40.000	19.749	19.851	19.952	20.054	20.155	20.253	20.447	20.734	21.198	21.650	22.172	23.084	24.926
45.000	22.428	22.601	22.774	22.947	23.118	23.285	23.615	24.102	24.895	25.669	26.495	27.863	30.613
50.000	26.110	26.344	26.577	26.811	27.041	27.267	27.712	28.371	29.446	30.497	31.583	33.343	36.282
55.000	30.447	30.726	31.004	31.282	31.556	31.826	32.358	33.145	34.430	35.685	36.323	37.147	38.820
60.000	35.183	35.490	35.796	35.976	36.098	36.219	36.456	36.806	37.379	37.937	38.536	39.495	41.425
65.000	37.574	37.703	37.831	37.967	38.105	38.241	38.508	38.902	39.545	40.172	40.832	41.880	43.971
70.000	39.605	39.744	39.881	40.025	40.171	40.315	40.598	41.015	41.695	42.358	43.047	44.137	46.291
75.000	41.570	41.710	41.849	41.994	42.141	42.285	42.569	42.990	43.673	44.340	45.027	46.111	47.565
80.000	43.370	43.506	43.641	43.781	43.923	44.062	44.338	44.747	45.408	46.055	46.651	47.276	48.524
85.000	44.949	45.078	45.205	45.336	45.471	45.601	45.861	46.247	46.743	47.109	47.485	48.087	49.283
90.000	46.254	46.372	46.489	46.585	46.660	46.731	46.874	47.087	47.436	47.781	48.135	48.701	49.824
95.000	46.970	47.034	47.096	47.160	47.228	47.293	47.425	47.620	47.940	48.258	48.583	49.104	50.135
100.000	47.399	47.455	47.510	47.568	47.629	47.687	47.805	47.981	48.269	48.556	48.850	49.322	50.255
105.000	47.672	47.721	47.769	47.820	47.874	47.925	48.030	48.185	48.441	48.696	48.959	49.381	50.216
110.000	47.794	47.837	47.878	47.921	47.968	48.012	48.103	48.238	48.461	48.684	48.915	49.288	50.026
115.000	47.777	47.812	47.847	47.883	47.923	47.960	48.038	48.153	48.343	48.535	48.735	49.059	49.704
120.000	47.633	47.662	47.690	47.720	47.753	47.784	47.849	47.945	48.105	48.268	48.438	48.717	49.272
125.000	47.373	47.396	47.418	47.441	47.468	47.493	47.546	47.623	47.754	47.887	48.030	48.265	48.735
130.000	47.000	47.017	47.032	47.049	47.069	47.088	47.128	47.188	47.289	47.394	47.508	47.700	48.086
135.000	46.502	46.519	46.534	46.551	46.565	46.578	46.606	46.648	46.720	46.797	46.884	47.033	47.337
140.000	45.547	45.554	45.558	45.566	45.579	45.590	45.618	45.659	45.732	45.815	45.916	46.096	46.471
145.000	44.474	44.471	44.466	44.464	44.467	44.469	44.478	44.490	44.518	44.556	44.612	44.723	44.964
150.000	43.303	43.291	43.278	43.267	43.261	43.254	43.245	43.232	43.218	43.215	43.230	43.277	43.395
155.000	42.053	42.033	42.012	41.993	41.979	41.964	41.939	41.903	41.851	41.810	41.789	41.778	41.784
160.000	40.741	40.714	40.686	40.660	40.639	40.617	40.578	40.520	40.434	40.360	40.306	40.243	40.148
165.000	39.384	39.350	39.316	39.284	39.256	39.228	39.177	39.101	38.985	38.881	38.797	38.688	38.505
170.000	37.995	37.957	37.917	37.880	37.847	37.813	37.750	37.659	37.516	37.387	37.277	37.128	36.866
175.000	36.589	36.546	36.502	36.460	36.422	36.384	36.312	36.207	36.042	35.890	35.563	35.108	34.292
180.000	34.127	34.011	33.893	33.780	33.677	33.573	33.376	33.086	32.631	32.209	31.863	31.373	30.485
185.000	30.799	30.686	30.571	30.460	30.358	30.255	30.059	29.772	29.316	28.893	28.536	28.024	27.088
190.000	27.786	27.676	27.565	27.457	27.356	27.256	27.063	26.780	26.330	25.910	25.548	25.024	24.060
195.000	25.060	24.954	24.847	24.742	24.645	24.547	24.359	24.082	23.642	23.228	22.867	22.340	21.364
200.000	22.597	22.495	22.392	22.292	22.198	22.103	21.921	21.653	21.225	20.822	20.465	19.941	18.365
205.000	20.373	20.276	20.178	20.082	19.991	19.901	19.725	19.467	18.722	17.112	15.670	13.544	9.949
210.000	15.893	15.512	15.128	14.753	14.394	14.037	13.343	12.322	10.887	10.077	9.339	8.243	6.334
215.000	9.943	9.757	9.570	9.386	9.210	9.034	8.691	8.186	7.453	6.972	6.524	5.853	4.647
220.000	7.249	7.143	7.036	6.931	6.829	6.727	6.527	6.234	5.791	5.451	5.130	4.646	3.752
225.000	5.875	5.802	5.730	5.658	5.588	5.518	5.380	5.177	4.860	4.589	4.329	3.935	3.197
230.000	5.054	4.997	4.941	4.884	4.829	4.774	4.665	4.505	4.249	4.015	3.790	3.448	2.801
235.000	4.481	4.432	4.384	4.337	4.289	4.242	4.149	4.012	3.790	3.581	3.379	3.072	2.490
240.000	4.032	3.989	3.946	3.904	3.862	3.820	3.737	3.614	3.416	3.225	3.042	2.762	-
245.000	2.668	2.639	2.611	2.583	2.555	2.528	2.473	2.392	2.260	2.133	2.011	1.824	-

Figure 26: Discharge values for 100-year ARI for parameter evaluation.

Table 17: Two-point method approach - four parameters encumbered with uncertainty values.

Combination	Parameter			
	Imperviousness	Pervious losses	Impervious losses	Losses Rate
1	33.00	40.72	2.00	2.40
2	33.00	40.72	2.00	0.00
3	33.00	40.72	0.00	2.40
4	33.00	40.72	0.00	0.00
5	33.00	2.96	2.00	2.40
6	33.00	2.96	2.00	0.00
7	33.00	2.96	0.00	2.40
8	33.00	2.96	0.00	0.00
9	7.00	40.72	2.00	2.40
10	7.00	40.72	2.00	0.00
11	7.00	40.72	0.00	2.40
12	7.00	40.72	0.00	0.00
13	7.00	2.96	2.00	2.40
14	7.00	2.96	2.00	0.00
15	7.00	2.96	0.00	2.40
16	7.00	2.96	0.00	0.00