

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/01/2025 0:00	93.860	7.526	50.418	6.599	52.822	0.452	33.307	
11/01/2025 0:05	11.827	7.522	48.914	6.420	51.735	0.452	33.307	
11/01/2025 0:10	11.850	7.520	46.892	6.505	52.197	0.449	33.306	
11/01/2025 0:15	11.853	7.520	43.393	6.605	52.828	0.454	33.299	
11/01/2025 0:20	11.840	7.519	39.950	6.569	52.611	0.453	33.267	
11/01/2025 0:25	11.853	7.518	34.096	6.590	52.714	0.448	33.230	
11/01/2025 0:30	11.847	7.517	32.388	6.539	52.509	0.459	33.210	
11/01/2025 0:35	11.830	7.515	29.907	7.447	57.838	0.449	33.206	
11/01/2025 0:40	11.787	7.516	26.690	6.913	54.748	0.455	33.206	
11/01/2025 0:45	11.807	7.519	25.190	6.184	50.391	0.445	33.206	
11/01/2025 0:50	11.827	7.519	23.363	6.379	51.441	0.454	33.206	
11/01/2025 0:55	11.820	7.522	20.965	6.417	51.675	0.453	33.206	
11/01/2025 1:00	11.886	7.525	17.124	6.461	51.993	0.445	33.201	
11/01/2025 1:05	11.761	7.526	14.227	5.869	48.471	0.455	33.176	
11/01/2025 1:10	11.866	7.530	9.860	6.206	50.481	0.452	33.172	
11/01/2025 1:15	11.873	7.532	7.775	6.384	51.531	0.436	33.165	
11/01/2025 1:20	11.896	7.536	7.719	6.469	52.101	0.460	33.161	
11/01/2025 1:25	11.843	7.538	7.518	6.507	52.287	0.452	33.159	
11/01/2025 1:30	11.774	7.538	7.457	6.476	52.071	0.459	33.157	
11/01/2025 1:35	11.892	7.540	7.394	7.754	59.741	0.448	33.156	
11/01/2025 1:40	11.830	7.541	7.440	7.133	56.062	0.447	33.156	
11/01/2025 1:45	11.869	7.544	7.242	6.847	54.334	0.448	33.155	
11/01/2025 1:50	11.853	7.544	7.304	6.690	53.362	0.457	33.152	
11/01/2025 1:55	11.797	7.546	7.325	6.626	52.912	0.453	33.143	
11/01/2025 2:00	11.833	7.547	7.418	6.435	51.759	0.450	33.137	
11/01/2025 2:05	11.847	7.547	7.343	8.625	65.070	0.450	33.124	
11/01/2025 2:10	11.886	7.598	276.853	8.369	63.342	0.460	33.106	
11/01/2025 2:15	11.869	7.723	276.885	7.947	60.749	0.452	33.113	
11/01/2025 2:20	11.866	7.715	276.858	9.352	69.223	0.459	33.148	
11/01/2025 2:25	11.847	7.705	75.432	9.671	71.173	0.445	33.160	
11/01/2025 2:30	11.820	7.675	15.282	7.855	60.293	0.451	33.178	
11/01/2025 2:35	11.869	7.658	10.902	7.626	58.925	0.450	33.176	
11/01/2025 2:40	11.830	7.648	9.833	8.532	64.386	0.468	33.160	
11/01/2025 2:45	11.856	7.643	9.306	7.540	58.517	0.445	33.161	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/01/2025 2:50	11.824	7.638	8.838	8.224	62.537	0.449	33.159	
11/01/2025 2:55	11.830	7.636	8.451	8.398	63.642	0.448	33.158	
11/01/2025 3:00	11.850	7.634	8.090	8.576	64.686	0.451	33.157	
11/01/2025 3:05	11.787	7.632	8.025	7.838	60.221	0.456	33.156	
11/01/2025 3:10	24.770	7.631	8.033	8.717	65.550	0.444	33.156	
11/01/2025 3:15	11.817	7.629	7.794	8.382	63.528	0.449	33.155	
11/01/2025 3:20	11.863	7.627	7.826	8.190	62.345	0.446	33.154	
11/01/2025 3:25	11.850	7.625	7.740	8.146	62.141	0.447	33.149	
11/01/2025 3:30	11.824	7.622	7.572	8.040	61.493	0.445	33.141	
11/01/2025 3:35	11.850	7.618	7.575	7.982	61.079	0.446	33.128	
11/01/2025 3:40	11.824	7.613	7.614	7.998	61.193	0.447	33.111	
11/01/2025 3:45	11.794	7.608	7.683	7.940	60.857	0.447	33.109	
11/01/2025 3:50	11.794	7.608	7.566	7.904	60.629	0.442	33.107	
11/01/2025 3:55	11.824	7.605	7.679	7.968	61.067	0.449	33.106	
11/01/2025 4:00	11.847	7.604	7.590	7.925	60.743	0.442	33.106	
11/01/2025 4:05	11.850	7.606	7.545	7.905	60.653	0.449	33.106	
11/01/2025 4:10	11.856	7.607	7.602	7.405	57.658	0.449	33.106	
11/01/2025 4:15	11.847	7.604	7.475	7.805	60.119	0.445	33.106	
11/01/2025 4:20	109.972	7.604	7.431	7.850	60.323	0.438	33.106	
11/01/2025 4:25	102.384	7.603	7.460	7.832	60.203	0.447	33.106	
11/01/2025 4:30	114.244	7.606	7.451	7.782	59.909	0.445	33.106	
11/01/2025 4:35	107.295	7.607	7.565	7.805	60.005	0.440	33.106	
11/01/2025 4:40	77.312	7.605	7.562	10.589	76.790	0.441	33.106	
11/01/2025 4:45	86.560	7.606	7.301	7.353	57.436	0.452	33.106	
11/01/2025 4:50	84.657	7.608	7.197	7.319	57.094	0.443	33.106	
11/01/2025 4:55	89.526	7.609	7.343	7.302	56.974	0.448	33.106	
11/01/2025 5:00	77.922	7.613	7.329	7.238	56.656	0.447	33.106	
11/01/2025 5:05	11.794	7.618	7.212	7.272	56.872	0.446	33.106	
11/01/2025 5:10	11.820	7.619	7.248	7.260	56.812	0.452	33.104	
11/01/2025 5:15	11.850	7.621	7.203	7.003	55.282	0.441	33.089	
11/01/2025 5:20	11.817	7.622	7.111	7.156	56.152	0.437	33.077	
11/01/2025 5:25	11.820	7.625	6.989	7.261	56.794	0.439	33.066	
11/01/2025 5:30	11.827	7.626	7.166	7.354	57.322	0.441	33.055	
11/01/2025 5:35	11.827	7.626	6.994	7.367	57.448	0.439	33.050	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/01/2025 5:40	11.856	7.630	7.066	7.361	57.430	0.451	33.042	
11/01/2025 5:45	11.837	7.634	6.956	7.134	56.056	0.454	33.024	
11/01/2025 5:50	11.837	7.634	6.974	7.311	57.112	0.441	33.013	
11/01/2025 5:55	11.860	7.636	7.033	7.319	57.118	0.443	33.008	
11/01/2025 6:00	11.860	7.641	6.928	7.247	56.704	0.450	33.006	
11/01/2025 6:05	11.863	7.640	6.985	7.312	57.148	0.441	33.006	
11/01/2025 6:10	11.824	7.645	7.058	7.351	57.358	0.445	33.006	
11/01/2025 6:15	11.886	7.646	7.013	7.677	59.249	0.442	33.006	
11/01/2025 6:20	11.873	7.650	7.121	7.587	58.745	0.446	33.006	
11/01/2025 6:25	11.883	7.649	7.178	7.555	58.529	0.439	33.006	
11/01/2025 6:30	11.804	7.652	7.230	7.494	58.217	0.438	33.006	
11/01/2025 6:35	11.847	7.656	7.305	7.470	58.085	0.445	33.006	
11/01/2025 6:40	11.807	7.656	7.106	7.511	58.307	0.443	33.006	
11/01/2025 6:45	11.804	7.656	7.151	2.257	26.704	0.445	33.006	
11/01/2025 6:50	11.840	7.657	7.100	2.177	26.296	0.449	33.006	
11/01/2025 6:55	11.784	7.660	7.191	2.170	26.182	0.436	33.006	
11/01/2025 7:00	11.761	7.663	7.132	2.171	26.152	0.443	33.006	
11/01/2025 7:05	11.797	7.664	7.061	2.173	26.182	0.444	33.006	
11/01/2025 7:10	11.824	7.666	7.100	2.164	26.230	0.447	33.005	
11/01/2025 7:15	11.820	7.668	7.310	2.165	26.224	0.444	33.005	
11/01/2025 7:20	11.853	7.673	151.102	2.745	29.687	0.447	33.003	
11/01/2025 7:25	11.827	7.819	226.484	4.276	38.833	0.455	32.906	
11/01/2025 7:30	11.807	7.809	190.016	4.082	37.651	0.451	32.956	
11/01/2025 7:35	11.768	7.783	157.155	4.021	37.213	0.458	33.066	
11/01/2025 7:40	11.817	7.767	93.841	3.362	33.270	0.434	33.141	
11/01/2025 7:45	11.794	7.742	14.746	2.889	30.521	0.446	33.201	
11/01/2025 7:50	99.470	7.721	10.974	2.538	28.367	0.442	33.206	
11/01/2025 7:55	120.894	7.711	9.539	2.521	28.313	0.446	33.206	
11/01/2025 8:00	137.777	7.705	8.706	2.513	28.187	0.442	33.206	
11/01/2025 8:05	124.011	7.700	8.337	2.507	28.175	0.445	33.207	
11/01/2025 8:10	88.073	7.697	8.027	2.483	28.079	0.450	33.209	
11/01/2025 8:15	95.310	7.695	7.871	2.490	27.989	0.447	33.211	
11/01/2025 8:20	90.573	7.690	7.641	2.467	27.935	0.450	33.208	
11/01/2025 8:25	104.503	7.685	7.559	2.460	27.797	0.449	33.212	

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11/01/2025 8:30	102.928	7.679	7.437	2.451	27.785	0.445	33.210	
11/01/2025 8:35	107.502	7.676	7.364	2.450	27.779	0.441	33.212	
11/01/2025 8:40	107.259	7.669	7.403	2.449	27.803	0.452	33.211	
11/01/2025 8:45	104.460	7.669	7.317	2.438	27.755	0.450	33.212	
11/01/2025 8:50	114.257	7.665	7.464	2.441	27.761	0.453	33.208	
11/01/2025 8:55	104.044	7.660	7.370	2.426	27.641	0.447	33.222	
11/01/2025 9:00	99.447	7.659	7.457	2.433	27.611	0.436	33.269	
11/01/2025 9:05	102.958	7.657	7.374	2.422	27.605	0.429	33.306	
11/01/2025 9:10	11.558	7.653	7.160	2.420	27.563	0.476	33.307	
11/01/2025 9:15	11.574	7.654	6.760	2.418	27.503	0.464	33.307	
11/01/2025 9:20	11.545	7.652	6.730	2.420	27.473	0.444	33.307	
11/01/2025 9:25	11.535	7.648	6.692	2.413	27.449	0.445	33.307	
11/01/2025 9:30	11.502	7.645	6.599	2.419	27.413	0.455	33.307	
11/01/2025 9:35	11.466	7.643	6.577	2.410	27.407	0.443	33.307	
11/01/2025 9:40	11.505	7.645	6.547	2.401	27.275	0.446	33.307	
11/01/2025 9:45	11.502	7.644	6.506	2.403	27.263	0.435	33.307	
11/01/2025 9:50	11.459	7.646	6.640	2.399	27.263	0.449	33.307	
11/01/2025 9:55	11.502	7.648	6.529	2.258	26.452	0.443	33.307	
11/01/2025 10:00	11.446	7.648	6.536	2.258	26.416	0.439	33.307	
11/01/2025 10:05	11.479	7.648	6.524	2.251	26.410	0.436	33.307	
11/01/2025 10:10	11.532	7.651	6.440	2.253	26.422	0.446	33.307	
11/01/2025 10:15	11.482	7.654	6.592	2.245	26.290	0.442	33.307	
11/01/2025 10:20	11.528	7.656	6.410	2.236	26.350	0.438	33.307	
11/01/2025 10:25	11.499	7.657	6.434	2.231	26.320	0.449	33.307	
11/01/2025 10:30	11.525	7.659	5.716	2.232	26.230	0.444	33.307	
11/01/2025 10:35	11.558	7.658	5.810	2.226	26.254	0.451	33.306	
11/01/2025 10:40	11.551	7.659	6.055	2.227	26.260	0.441	33.269	
11/01/2025 10:45	11.564	7.660	6.344	2.227	26.272	0.441	33.206	
11/01/2025 10:50	11.574	7.660	7.073	2.230	26.284	0.445	33.193	
11/01/2025 10:55	11.617	7.670	7.233	2.224	26.338	0.445	33.162	
11/01/2025 11:00	11.587	7.672	7.289	2.225	26.338	0.436	33.157	
11/01/2025 11:05	11.653	7.679	7.335	2.222	26.284	0.444	33.156	
11/01/2025 11:10	11.640	7.680	7.412	2.223	26.278	0.445	33.156	
11/01/2025 11:15	11.669	7.688	7.313	2.222	26.320	0.441	33.155	

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11/01/2025 11:20	11.676	7.695	141.857	2.591	28.577	0.442	33.110	
11/01/2025 11:25	11.633	7.817	182.935	3.164	32.034	0.472	33.230	
11/01/2025 11:30	11.702	7.823	181.569	3.198	32.196	0.440	33.281	
11/01/2025 11:35	11.725	7.798	73.506	3.468	33.840	0.445	33.212	
11/01/2025 11:40	11.686	7.768	14.544	2.879	30.329	0.438	33.209	
11/01/2025 11:45	11.722	7.753	10.730	2.751	29.651	0.439	33.207	
11/01/2025 11:50	11.699	7.745	9.506	2.867	30.257	0.438	33.203	
11/01/2025 11:55	11.722	7.737	9.017	2.646	28.997	0.428	33.207	
11/01/2025 12:00	11.742	7.725	8.486	2.682	29.237	0.451	33.206	
11/01/2025 12:05	11.755	7.720	8.243	2.754	29.681	0.428	33.206	
11/01/2025 12:10	11.715	7.716	8.220	2.840	30.137	0.429	33.206	
11/01/2025 12:15	11.814	7.710	8.232	2.940	30.767	0.426	33.206	
11/01/2025 12:20	11.784	7.703	7.983	2.614	28.835	0.436	33.206	
11/01/2025 12:25	11.840	7.700	7.776	2.644	28.991	0.432	33.204	
11/01/2025 12:30	11.797	7.696	7.316	2.394	27.473	0.434	33.162	
11/01/2025 12:35	12.079	7.691	8.816	2.404	27.497	0.435	33.149	
11/01/2025 12:40	11.784	7.684	8.145	2.403	27.641	0.433	33.106	
11/01/2025 12:45	11.784	7.682	8.136	2.426	27.743	0.450	33.106	
11/01/2025 12:50	11.824	7.683	9.809	2.433	27.761	0.450	33.071	
11/01/2025 12:55	11.797	7.685	10.236	2.455	27.851	0.451	33.047	
11/01/2025 13:00	11.827	7.688	9.720	2.449	27.881	0.440	33.025	
11/01/2025 13:05	11.863	7.692	9.399	2.456	27.869	0.442	33.054	
11/01/2025 13:10	11.820	7.693	9.195	2.457	27.911	0.427	33.064	
11/01/2025 13:15	11.860	7.696	9.176	2.465	28.019	0.442	33.096	
11/01/2025 13:20	11.866	7.696	9.132	2.471	28.013	0.437	33.104	
11/01/2025 13:25	11.794	7.696	8.778	2.477	28.091	0.432	33.105	
11/01/2025 13:30	11.837	7.697	8.790	2.479	28.121	0.437	33.104	
11/01/2025 13:35	11.817	7.694	8.909	2.485	28.091	0.432	33.106	
11/01/2025 13:40	11.807	7.694	8.822	2.492	28.205	0.432	33.106	
11/01/2025 13:45	11.807	7.696	8.804	2.507	28.223	0.435	33.106	
11/01/2025 13:50	11.833	7.695	8.630	2.513	28.277	0.431	33.106	
11/01/2025 13:55	11.807	7.696	8.523	2.519	28.307	0.439	33.106	
11/01/2025 14:00	11.820	7.695	8.508	2.291	26.915	0.428	33.106	
11/01/2025 14:05	11.827	7.695	8.616	2.292	26.933	0.444	33.106	

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11/01/2025 14:10	11.820	7.699	8.523	2.285	26.915	0.441	33.106	
11/01/2025 14:15	11.824	7.700	8.396	2.285	26.945	0.441	33.106	
11/01/2025 14:20	11.807	7.700	8.331	2.284	26.891	0.437	33.106	
11/01/2025 14:25	11.797	7.703	8.504	2.275	26.885	0.435	33.106	
11/01/2025 14:30	11.837	7.705	8.232	2.282	26.891	0.437	33.106	
11/01/2025 14:35	11.804	7.702	8.300	2.282	26.879	0.437	33.106	
11/01/2025 14:40	11.814	7.706	8.195	2.281	26.885	0.427	33.106	
11/01/2025 14:50	11.797	7.703	8.055	2.287	26.855	0.440	33.106	
11/01/2025 14:55	11.807	7.703	8.063	2.293	26.945	0.433	33.106	
11/01/2025 15:00	11.784	7.701	8.334	2.299	26.927	0.438	33.106	
11/01/2025 15:05	11.742	7.696	8.006	2.289	26.927	0.434	33.106	
11/01/2025 15:10	11.676	7.698	7.970	2.303	26.909	0.441	33.106	
11/01/2025 15:15	11.712	7.696	8.088	2.317	26.975	0.439	33.106	
11/01/2025 15:20	11.738	7.697	7.935	2.323	27.053	0.445	33.106	
11/01/2025 15:25	123.059	7.698	7.980	2.331	27.041	0.446	33.106	
11/01/2025 15:30	192.284	7.698	7.865	2.338	27.011	0.451	33.106	
11/01/2025 15:35	227.507	7.693	7.748	2.351	27.155	0.447	33.101	
11/01/2025 15:40	232.094	7.693	7.808	2.351	27.131	0.448	33.094	
11/01/2025 15:45	188.547	7.696	7.769	2.372	27.251	0.449	33.064	
11/01/2025 15:50	144.522	7.697	7.892	2.380	27.341	0.455	33.051	
11/01/2025 15:55	103.194	7.699	7.850	2.383	27.455	0.446	33.049	
11/01/2025 16:00	116.740	7.701	7.725	2.395	27.497	0.448	33.026	
11/01/2025 16:05	106.813	7.698	7.565	2.410	27.515	0.453	33.007	
11/01/2025 16:10	108.420	7.697	7.562	2.417	27.617	0.443	33.006	
11/01/2025 16:15	11.732	7.700	7.722	2.426	27.659	0.437	33.006	
11/01/2025 16:20	11.738	7.704	7.739	2.427	27.677	0.435	33.006	
11/01/2025 16:25	11.784	7.703	7.899	2.435	27.755	0.433	33.006	
11/01/2025 16:30	11.807	7.706	7.950	2.437	27.827	0.441	33.006	
11/01/2025 16:35	11.810	7.707	7.691	2.445	27.827	0.440	33.005	
11/01/2025 16:40	11.771	7.709	7.877	2.454	27.983	0.437	32.998	
11/01/2025 16:45	11.784	7.709	7.719	2.462	27.953	0.438	32.990	
11/01/2025 16:50	11.869	7.710	7.721	2.475	28.043	0.438	32.958	
11/01/2025 16:55	11.778	7.711	7.853	2.484	28.109	0.437	32.956	
11/01/2025 17:00	11.817	7.715	7.764	2.485	28.085	0.437	32.955	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/01/2025 17:05	11.814	7.716	7.641	2.499	28.205	0.438	32.946	
11/01/2025 17:10	11.761	7.713	7.596	2.498	28.187	0.435	32.914	
11/01/2025 17:15	11.843	7.716	7.670	2.499	28.193	0.441	32.907	
11/01/2025 17:20	11.781	7.717	7.680	2.506	28.211	0.446	32.906	
11/01/2025 17:25	11.824	7.717	7.416	2.508	28.211	0.454	32.906	
11/01/2025 17:30	11.784	7.718	7.343	2.500	28.223	0.447	32.906	
11/01/2025 17:35	11.833	7.718	7.608	2.523	28.313	0.442	32.906	
11/01/2025 17:40	11.774	7.716	7.310	2.491	28.127	0.438	32.906	
11/01/2025 17:45	11.824	7.721	7.394	2.505	28.301	0.444	32.906	
11/01/2025 17:50	11.847	7.722	7.328	2.505	28.229	0.439	32.906	
11/01/2025 17:55	11.866	7.722	7.302	2.513	28.337	0.437	32.905	
11/01/2025 18:00	11.843	7.726	7.359	2.501	28.247	0.434	32.861	
11/01/2025 18:05	11.883	7.726	7.419	2.508	28.241	0.433	32.806	
11/01/2025 18:10	11.866	7.727	7.449	2.524	28.349	0.433	32.806	
11/01/2025 18:15	11.853	7.727	7.475	2.523	28.367	0.442	32.805	
11/01/2025 18:20	11.866	7.728	7.661	2.524	28.391	0.443	32.800	
11/01/2025 18:25	11.856	7.731	7.628	2.539	28.487	0.434	32.775	
11/01/2025 18:30	11.879	7.732	7.821	2.540	28.493	0.435	32.757	
11/01/2025 18:35	11.863	7.733	7.601	2.541	28.517	0.437	32.744	
11/01/2025 18:40	11.889	7.760	232.440	4.057	37.555	0.443	32.706	
11/01/2025 18:45	11.938	7.860	173.453	4.113	37.885	0.439	32.706	
11/01/2025 18:50	11.948	7.867	179.826	4.062	37.579	0.447	32.753	
11/01/2025 18:55	11.899	7.848	147.199	3.813	36.108	0.435	32.906	
11/01/2025 19:00	11.906	7.822	26.358	2.992	31.223	0.429	32.966	
11/01/2025 19:05	11.965	7.802	12.449	2.872	30.479	0.432	33.005	
11/01/2025 19:10	103.214	7.784	10.383	2.822	30.155	0.428	33.003	
11/01/2025 19:15	114.529	7.770	9.468	2.802	30.011	0.427	33.006	
11/01/2025 19:20	99.119	7.763	9.270	2.808	30.155	0.442	33.006	
11/01/2025 19:25	101.829	7.758	8.831	2.803	30.041	0.436	33.005	
11/01/2025 19:30	81.744	7.755	8.630	2.816	30.167	0.440	33.003	
11/01/2025 19:35	114.874	7.748	8.460	2.851	30.359	0.428	32.999	
11/01/2025 19:40	239.334	7.744	8.430	2.609	28.859	0.438	32.974	
11/01/2025 19:45	238.199	7.736	8.244	2.594	28.877	0.436	32.961	
11/01/2025 19:50	164.105	7.735	8.243	2.591	28.805	0.432	32.956	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/01/2025 19:55	82.253	7.733	7.907	2.623	28.985	0.443	32.956	
11/01/2025 20:00	81.022	7.730	7.968	2.613	29.009	0.433	32.953	
11/01/2025 20:05	102.397	7.728	8.184	2.611	28.889	0.434	32.938	
11/01/2025 20:10	91.331	7.725	8.340	2.639	29.093	0.435	32.910	
11/01/2025 20:15	85.645	7.724	8.160	2.545	28.565	0.429	32.906	
11/01/2025 20:20	90.192	7.724	8.106	2.531	28.445	0.431	32.906	
11/01/2025 20:25	11.889	7.727	8.156	2.517	28.361	0.429	32.906	
11/01/2025 20:30	11.929	7.728	8.004	2.501	28.247	0.430	32.906	
11/01/2025 20:35	11.915	7.729	8.021	2.487	28.259	0.432	32.906	
11/01/2025 20:40	11.958	7.729	8.001	2.472	28.145	0.435	32.906	
11/01/2025 20:45	11.942	7.728	7.922	2.466	28.013	0.416	32.906	
11/01/2025 20:50	11.892	7.731	7.986	2.458	28.031	0.430	32.906	
11/01/2025 20:55	11.915	7.734	7.898	2.453	28.037	0.432	32.906	
11/01/2025 21:00	11.883	7.736	7.947	2.438	27.923	0.432	32.906	
11/01/2025 21:05	30.609	7.736	7.964	2.431	27.857	0.426	32.906	
11/01/2025 21:10	11.860	7.737	7.986	2.423	27.833	0.437	32.906	
11/01/2025 21:15	11.915	7.737	7.934	2.423	27.827	0.427	32.906	
11/01/2025 21:20	11.935	7.737	7.862	2.416	27.833	0.423	32.906	
11/01/2025 21:25	11.899	7.739	7.821	2.403	27.689	0.429	32.906	
11/01/2025 21:30	11.955	7.741	7.955	2.401	27.737	0.435	32.906	
11/01/2025 21:35	11.866	7.743	7.910	2.408	27.743	0.430	32.905	
11/01/2025 21:40	11.902	7.742	7.916	2.398	27.737	0.420	32.901	
11/01/2025 21:45	11.896	7.745	7.730	2.395	27.725	0.428	32.847	
11/01/2025 21:50	11.906	7.745	7.814	2.404	27.743	0.427	32.843	
11/01/2025 21:55	11.922	7.745	7.868	2.403	27.743	0.436	32.822	
11/01/2025 22:00	11.942	7.746	7.830	2.402	27.767	0.458	32.809	
11/01/2025 22:05	11.932	7.748	7.817	2.394	27.713	0.426	32.806	
11/01/2025 22:10	11.892	7.749	7.724	2.402	27.743	0.431	32.806	
11/01/2025 22:15	11.915	7.751	7.649	2.410	27.719	0.428	32.806	
11/01/2025 22:20	11.889	7.751	7.757	2.395	27.611	0.423	32.806	
11/01/2025 22:25	11.938	7.754	7.725	2.401	27.737	0.427	32.806	
11/01/2025 22:30	11.952	7.756	7.815	2.409	27.743	0.425	32.806	
11/01/2025 22:35	11.984	7.757	7.692	2.410	27.725	0.446	32.806	
11/01/2025 22:40	11.965	7.795	108.898	3.846	36.360	0.430	32.721	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/01/2025 22:45	11.915	7.837	108.900	3.724	35.604	0.422	32.706	
11/01/2025 22:50	11.883	7.855	119.111	3.788	35.952	0.434	32.706	
11/01/2025 22:55	11.889	7.841	49.412	3.516	34.344	0.424	32.721	
11/01/2025 23:00	11.935	7.810	14.584	3.444	33.960	0.432	32.722	
11/01/2025 23:05	11.961	7.793	11.141	3.761	35.886	0.420	32.722	
11/01/2025 23:10	213.308	7.778	16.324	3.673	35.298	0.423	32.712	
11/01/2025 23:15	243.429	7.767	23.905	3.513	34.350	0.425	32.709	
11/01/2025 23:20	238.603	7.762	32.371	2.790	29.939	0.428	32.706	
11/01/2025 23:25	235.755	7.754	40.894	2.774	29.945	0.422	32.706	
11/01/2025 23:30	229.771	7.749	50.429	2.803	30.089	0.435	32.706	
11/01/2025 23:35	230.735	7.745	59.954	2.759	29.843	0.429	32.706	
11/01/2025 23:40	232.218	7.741	66.518	2.738	29.729	0.426	32.706	
11/01/2025 23:45	220.713	7.737	73.120	2.752	29.735	0.419	32.706	
11/01/2025 23:50	206.858	7.733	76.483	2.614	28.937	0.430	32.701	
11/01/2025 23:55	208.551	7.732	81.235	2.715	29.597	0.409	32.705	
11/02/2025 0:00	227.789	7.730	83.894	2.614	28.949	0.414	32.705	
11/02/2025 0:05	226.260	7.730	86.634	2.610	28.973	0.425	32.705	
11/02/2025 0:10	11.886	7.730	90.121	2.602	28.871	0.419	32.705	
11/02/2025 0:15	11.925	7.731	93.964	2.612	28.901	0.427	32.705	
11/02/2025 0:20	11.909	7.727	98.309	2.638	29.081	0.426	32.705	
11/02/2025 0:25	11.945	7.727	102.176	2.589	28.763	0.421	32.705	
11/02/2025 0:30	11.942	7.730	104.684	2.588	28.769	0.425	32.705	
11/02/2025 0:35	11.929	7.730	108.025	2.574	28.775	0.421	32.694	
11/02/2025 0:40	11.909	7.732	109.825	2.587	28.769	0.419	32.661	
11/02/2025 0:45	11.948	7.733	110.238	2.591	28.769	0.422	32.619	
11/02/2025 0:50	11.942	7.732	108.778	2.531	28.475	0.426	32.606	
11/02/2025 0:55	11.929	7.732	107.524	2.518	28.367	0.422	32.606	
11/02/2025 1:00	11.945	7.733	105.315	2.511	28.373	0.424	32.606	
11/02/2025 1:05	11.942	7.740	100.646	2.510	28.373	0.420	32.606	
11/02/2025 1:10	11.952	7.738	93.601	2.503	28.349	0.421	32.606	
11/02/2025 1:15	11.932	7.740	85.529	2.498	28.241	0.421	32.606	
11/02/2025 1:20	11.912	7.740	77.218	2.561	28.673	0.419	32.606	
11/02/2025 1:25	11.932	7.742	69.891	2.447	27.935	0.423	32.606	
11/02/2025 1:30	11.952	7.745	61.862	2.454	28.073	0.421	32.606	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/02/2025 1:35	11.948	7.746	55.119	2.448	27.953	0.416	32.605	
11/02/2025 1:40	11.932	7.746	44.880	2.447	27.941	0.433	32.605	
11/02/2025 1:45	11.971	7.747	37.288	2.448	27.971	0.414	32.605	
11/02/2025 1:50	11.896	7.746	28.163	2.461	28.091	0.422	32.605	
11/02/2025 1:55	11.863	7.746	18.918	2.475	28.205	0.419	32.605	
11/02/2025 2:00	11.935	7.746	12.630	2.463	28.061	0.418	32.605	
11/02/2025 2:05	11.902	7.746	8.651	2.461	28.061	0.418	32.605	
11/02/2025 2:10	11.981	7.749	8.145	2.469	28.103	0.420	32.605	
11/02/2025 2:15	11.932	7.751	7.803	2.468	28.091	0.420	32.605	
11/02/2025 2:20	11.899	7.750	7.773	2.471	28.025	0.416	32.603	
11/02/2025 2:25	11.906	7.751	7.667	2.489	28.319	0.418	32.585	
11/02/2025 2:30	11.919	7.752	7.644	2.461	28.049	0.416	32.580	
11/02/2025 2:35	11.978	7.753	7.929	2.460	28.055	0.413	32.570	
11/02/2025 2:40	11.965	7.800	83.571	3.888	36.600	0.422	32.553	
11/02/2025 2:45	11.935	7.877	277.102	4.226	38.605	0.421	32.506	
11/02/2025 2:50	11.971	7.861	277.081	4.118	37.933	0.430	32.555	
11/02/2025 2:55	11.952	7.846	248.339	3.947	36.894	0.410	32.605	
11/02/2025 3:00	11.919	7.814	25.066	3.525	34.500	0.418	32.702	
11/02/2025 3:05	11.961	7.784	12.393	3.426	33.846	0.419	32.705	
11/02/2025 3:10	243.704	7.772	10.185	3.098	31.883	0.426	32.705	
11/02/2025 3:15	248.025	7.757	9.476	3.061	31.673	0.421	32.705	
11/02/2025 3:20	246.116	7.751	8.868	3.084	31.793	0.424	32.705	
11/02/2025 3:25	243.767	7.745	8.619	2.955	31.037	0.421	32.704	
11/02/2025 3:30	242.294	7.740	8.660	2.914	30.725	0.420	32.703	
11/02/2025 3:35	240.732	7.734	8.817	2.951	31.049	0.417	32.701	
11/02/2025 3:40	239.193	7.733	8.441	2.985	31.127	0.415	32.696	
11/02/2025 3:45	238.941	7.728	8.324	3.012	31.361	0.416	32.687	
11/02/2025 3:50	235.752	7.731	8.180	3.056	31.553	0.429	32.670	
11/02/2025 3:55	233.294	7.727	8.385	3.104	31.901	0.426	32.635	
11/02/2025 4:00	231.565	7.725	8.057	2.976	31.121	0.424	32.611	
11/02/2025 4:05	228.534	7.725	7.959	2.897	30.611	0.423	32.607	
11/02/2025 4:10	226.857	7.724	7.842	2.910	30.719	0.423	32.606	
11/02/2025 4:15	225.863	7.724	8.003	2.925	30.815	0.426	32.606	
11/02/2025 4:20	11.938	7.723	7.826	2.917	30.833	0.425	32.606	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/02/2025 4:25	11.889	7.723	7.742	2.845	30.401	0.425	32.606	
11/02/2025 4:30	11.991	7.722	7.842	2.617	29.009	0.422	32.606	
11/02/2025 4:35	11.925	7.724	7.725	2.620	29.027	0.421	32.606	
11/02/2025 4:40	11.935	7.725	7.601	2.632	29.135	0.421	32.606	
11/02/2025 4:45	11.863	7.729	7.641	2.638	29.123	0.424	32.606	
11/02/2025 4:50	11.942	7.728	7.626	2.631	29.123	0.425	32.606	
11/02/2025 4:55	11.922	7.731	7.595	2.623	29.027	0.427	32.606	
11/02/2025 5:00	11.922	7.732	7.484	2.621	28.985	0.424	32.605	
11/02/2025 5:05	11.948	7.731	7.547	2.626	29.021	0.427	32.605	
11/02/2025 5:10	11.948	7.735	7.521	2.626	29.021	0.426	32.605	
11/02/2025 5:15	11.958	7.739	7.518	2.630	29.015	0.424	32.604	
11/02/2025 5:20	11.942	7.740	7.632	2.625	29.039	0.426	32.598	
11/02/2025 5:25	11.955	7.742	7.521	2.626	29.051	0.422	32.588	
11/02/2025 5:30	11.948	7.743	7.703	2.353	27.503	0.419	32.561	
11/02/2025 5:35	11.961	7.746	7.424	2.361	27.431	0.429	32.560	
11/02/2025 5:40	11.932	7.745	7.461	2.353	27.401	0.424	32.557	
11/02/2025 5:45	11.978	7.751	7.511	2.355	27.419	0.425	32.555	
11/02/2025 5:50	11.981	7.753	7.470	2.354	27.443	0.426	32.550	
11/02/2025 5:55	11.915	7.753	7.623	2.354	27.425	0.436	32.548	
11/02/2025 6:00	11.892	7.754	7.553	2.387	27.713	0.422	32.529	
11/02/2025 6:05	11.955	7.754	7.572	2.347	27.431	0.419	32.518	
11/02/2025 6:10	11.925	7.757	7.613	2.346	27.401	0.424	32.513	
11/02/2025 6:15	11.915	7.761	7.511	2.341	27.287	0.423	32.508	
11/02/2025 6:20	11.961	7.760	7.554	2.338	27.305	0.425	32.506	
11/02/2025 6:25	11.955	7.764	7.616	2.339	27.311	0.422	32.506	
11/02/2025 6:30	11.863	7.764	7.766	2.374	27.509	0.420	32.506	
11/02/2025 6:35	11.909	7.768	7.536	2.338	27.287	0.426	32.506	
11/02/2025 6:40	11.971	7.866	237.492	4.032	37.399	0.424	32.506	
11/02/2025 6:45	11.948	7.907	210.131	3.745	35.682	0.423	32.506	
11/02/2025 6:50	11.902	7.876	178.571	3.937	36.864	0.421	32.506	
11/02/2025 6:55	11.922	7.837	43.892	3.238	32.712	0.424	32.506	
11/02/2025 7:00	11.840	7.803	13.698	3.202	32.496	0.418	32.506	
11/02/2025 7:05	74.700	7.790	10.556	3.044	31.541	0.417	32.506	
11/02/2025 7:10	137.236	7.779	9.695	3.337	33.354	0.421	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/02/2025 7:15	165.874	7.776	8.964	3.336	33.252	0.423	32.506	
11/02/2025 7:20	160.470	7.774	8.733	2.707	29.489	0.412	32.506	
11/02/2025 7:25	135.582	7.773	8.381	2.741	29.711	0.415	32.506	
11/02/2025 7:30	120.540	7.767	8.250	2.704	29.453	0.419	32.506	
11/02/2025 7:35	161.484	7.761	7.968	2.532	28.343	0.417	32.506	
11/02/2025 7:40	221.067	7.754	7.838	2.518	28.367	0.414	32.506	
11/02/2025 7:45	194.276	7.747	7.826	2.509	28.223	0.413	32.506	
11/02/2025 7:50	151.894	7.744	7.886	2.502	28.229	0.419	32.506	
11/02/2025 7:55	11.830	7.741	7.725	2.492	28.115	0.413	32.506	
11/02/2025 8:00	11.856	7.736	7.598	2.477	28.085	0.415	32.506	
11/02/2025 8:05	11.856	7.733	7.496	2.485	28.091	0.414	32.506	
11/02/2025 8:10	11.761	7.732	7.496	2.455	27.989	0.410	32.506	
11/02/2025 8:15	11.801	7.732	7.415	2.448	27.881	0.415	32.506	
11/02/2025 8:20	11.810	7.730	7.428	2.440	27.887	0.420	32.506	
11/02/2025 8:25	11.761	7.729	7.235	2.438	27.899	0.416	32.506	
11/02/2025 8:30	11.807	7.730	7.332	2.439	27.857	0.421	32.506	
11/02/2025 8:35	11.814	7.731	7.313	2.431	27.749	0.412	32.506	
11/02/2025 8:40	11.738	7.728	7.125	2.414	27.701	0.417	32.506	
11/02/2025 8:45	11.725	7.728	7.155	2.415	27.695	0.412	32.506	
11/02/2025 8:50	11.748	7.730	7.251	2.421	27.701	0.410	32.506	
11/02/2025 8:55	11.751	7.731	7.224	2.415	27.611	0.410	32.506	
11/02/2025 9:00	11.705	7.732	7.167	2.407	27.557	0.410	32.506	
11/02/2025 9:05	11.732	7.733	7.274	2.412	27.653	0.407	32.506	
11/02/2025 9:10	11.725	7.733	7.096	2.395	27.527	0.412	32.506	
11/02/2025 9:15	11.732	7.734	6.832	2.398	27.515	0.407	32.506	
11/02/2025 9:20	11.663	7.731	6.946	2.393	27.515	0.414	32.506	
11/02/2025 9:25	11.751	7.737	6.955	2.387	27.365	0.406	32.506	
11/02/2025 9:30	11.702	7.737	6.979	2.393	27.467	0.404	32.506	
11/02/2025 9:35	11.663	7.738	6.977	2.384	27.335	0.413	32.534	
11/02/2025 9:40	11.640	7.739	6.893	2.387	27.329	0.411	32.559	
11/02/2025 9:45	11.584	7.744	6.526	2.389	27.407	0.413	32.605	
11/02/2025 9:50	11.587	7.741	6.587	2.377	27.257	0.414	32.605	
11/02/2025 9:55	11.577	7.739	6.617	2.375	27.227	0.406	32.605	
11/02/2025 10:00	11.584	7.741	6.691	2.381	27.299	0.413	32.605	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/02/2025 10:05	11.564	7.739	6.616	2.379	27.287	0.410	32.605	
11/02/2025 10:10	11.551	7.738	6.652	2.372	27.155	0.414	32.605	
11/02/2025 10:15	11.551	7.741	6.610	2.371	27.137	0.415	32.606	
11/02/2025 10:20	11.499	7.741	6.655	2.369	27.125	0.412	32.649	
11/02/2025 10:25	11.522	7.744	6.409	2.366	27.107	0.411	32.701	
11/02/2025 10:30	11.499	7.744	6.257	2.373	27.167	0.414	32.705	
11/02/2025 10:35	11.505	7.744	6.251	2.372	27.167	0.414	32.705	
11/02/2025 10:40	11.535	7.809	239.005	3.782	35.514	0.419	32.705	
11/02/2025 10:45	11.479	7.870	175.566	3.795	35.628	0.413	32.705	
11/02/2025 10:50	11.469	7.840	165.688	4.048	37.080	0.423	32.710	
11/02/2025 10:55	11.436	7.817	145.558	3.905	36.216	0.435	32.806	
11/02/2025 11:00	11.417	7.781	24.301	3.125	31.613	0.427	32.906	
11/02/2025 11:05	11.413	7.757	10.239	3.074	31.265	0.420	32.906	
11/02/2025 11:10	180.362	7.740	8.462	2.660	28.721	0.413	32.906	
11/02/2025 11:15	132.853	7.728	7.848	2.746	29.195	0.417	32.917	
11/02/2025 11:20	219.272	7.722	7.370	2.836	29.801	0.427	32.964	
11/02/2025 11:25	219.755	7.712	6.665	2.819	29.669	0.417	33.006	
11/02/2025 11:30	130.323	7.706	6.425	2.818	29.705	0.421	33.006	
11/02/2025 11:35	208.459	7.700	6.533	2.797	29.411	0.411	33.020	
11/02/2025 11:40	119.690	7.692	6.596	2.601	28.385	0.413	33.043	
11/02/2025 11:45	197.724	7.689	6.113	2.525	27.827	0.414	33.093	
11/02/2025 11:50	103.014	7.684	6.242	2.544	27.983	0.419	33.055	
11/02/2025 11:55	147.275	7.682	6.298	2.503	27.821	0.405	33.104	
11/02/2025 12:00	109.956	7.680	6.230	2.491	27.731	0.412	33.106	
11/02/2025 12:05	108.755	7.679	6.316	2.485	27.749	0.412	33.106	
11/02/2025 12:10	119.165	7.679	6.161	2.486	27.761	0.415	33.106	
11/02/2025 12:15	103.627	7.677	6.044	2.465	27.557	0.415	33.106	
11/02/2025 12:20	101.796	7.673	6.071	2.449	27.419	0.415	33.106	
11/02/2025 12:25	136.235	7.672	6.056	2.440	27.437	0.421	33.106	
11/02/2025 12:30	102.991	7.673	6.001	2.441	27.419	0.419	33.106	
11/02/2025 12:35	11.351	7.671	6.095	2.427	27.329	0.430	33.106	
11/02/2025 12:40	11.381	7.673	6.067	2.429	27.341	0.418	33.108	
11/02/2025 12:45	11.361	7.675	6.145	2.428	27.329	0.417	33.106	
11/02/2025 12:50	11.397	7.675	6.137	2.412	27.341	0.416	33.130	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/02/2025 12:55	11.335	7.677	6.131	2.413	27.227	0.423	33.139	
11/02/2025 13:00	11.341	7.681	6.104	2.413	27.371	0.426	33.151	
11/02/2025 13:05	11.361	7.680	6.196	2.419	27.323	0.422	33.149	
11/02/2025 13:10	11.371	7.678	6.110	2.412	27.203	0.425	33.156	
11/02/2025 13:15	11.407	7.681	5.750	2.402	27.173	0.424	33.156	
11/02/2025 13:20	11.381	7.680	5.974	2.378	27.095	0.425	33.157	
11/02/2025 13:25	11.302	7.682	6.142	2.386	27.041	0.428	33.183	
11/02/2025 13:30	11.318	7.683	5.906	2.379	27.029	0.429	33.206	
11/02/2025 13:35	11.331	7.683	5.860	2.378	27.005	0.434	33.199	
11/02/2025 13:40	11.390	7.682	5.890	2.377	27.035	0.434	33.206	
11/02/2025 13:45	11.351	7.686	5.696	2.383	26.975	0.440	33.207	
11/02/2025 13:50	11.292	7.683	5.939	2.376	27.029	0.435	33.206	
11/02/2025 13:55	11.318	7.685	5.843	2.375	27.047	0.435	33.206	
11/02/2025 14:00	11.305	7.687	5.771	2.375	26.957	0.433	33.217	
11/02/2025 14:05	11.272	7.687	5.756	2.364	26.861	0.434	33.227	
11/02/2025 14:10	11.289	7.691	5.704	2.365	26.897	0.434	33.260	
11/02/2025 14:15	11.263	7.690	5.773	2.405	27.119	0.433	33.288	
11/02/2025 14:20	11.223	7.692	5.609	2.360	26.861	0.440	33.307	
11/02/2025 14:25	11.217	7.693	5.533	2.360	26.723	0.443	33.307	
11/02/2025 14:30	11.210	7.693	5.603	2.350	26.698	0.437	33.307	
11/02/2025 14:35	11.236	7.695	5.396	2.347	26.681	0.440	33.307	
11/02/2025 14:40	11.220	7.760	239.796	3.562	33.930	0.445	33.156	
11/02/2025 14:45	11.177	7.850	185.811	3.532	33.672	0.445	33.307	
11/02/2025 14:50	11.210	7.808	166.207	3.656	34.410	0.439	33.206	
11/02/2025 14:55	11.141	7.764	33.349	3.392	32.826	0.443	33.124	
11/02/2025 15:00	11.105	7.728	9.564	3.219	31.841	0.439	33.107	
11/02/2025 15:05	11.128	7.711	7.187	3.069	30.863	0.441	33.106	
11/02/2025 15:10	11.121	7.702	6.568	3.062	30.875	0.443	33.106	
11/02/2025 15:15	11.148	7.696	6.196	3.064	30.881	0.439	33.106	
11/02/2025 15:20	11.072	7.688	5.986	2.592	28.001	0.439	33.106	
11/02/2025 15:25	11.154	7.680	5.936	2.607	28.103	0.440	33.106	
11/02/2025 15:30	11.112	7.673	5.711	2.615	28.217	0.436	33.107	
11/02/2025 15:35	11.112	7.668	5.569	2.628	28.319	0.441	33.108	
11/02/2025 15:40	11.115	7.662	5.512	2.584	27.977	0.442	33.106	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/02/2025 15:45	11.138	7.657	5.557	2.579	27.965	0.440	33.106	
11/02/2025 15:50	11.131	7.657	5.528	2.536	27.683	0.442	33.106	
11/02/2025 15:55	11.138	7.651	5.402	2.516	27.647	0.440	33.106	
11/02/2025 16:00	90.143	7.644	5.410	2.520	27.629	0.443	33.106	
11/02/2025 16:05	119.733	7.650	5.579	2.533	27.695	0.439	33.106	
11/02/2025 16:10	96.708	7.653	5.734	2.536	27.767	0.436	33.106	
11/02/2025 16:15	94.861	7.656	5.744	2.544	27.971	0.435	33.105	
11/02/2025 16:20	95.651	7.659	5.809	2.552	28.019	0.437	33.105	
11/02/2025 16:25	97.751	7.661	5.816	2.549	28.001	0.436	33.063	
11/02/2025 16:30	97.026	7.664	5.963	2.545	28.055	0.436	33.050	
11/02/2025 16:35	11.430	7.667	5.998	2.545	28.091	0.438	33.025	
11/02/2025 16:40	11.407	7.673	6.029	2.538	28.079	0.437	33.008	
11/02/2025 16:45	11.446	7.672	6.085	2.537	28.001	0.439	33.006	
11/02/2025 16:50	11.410	7.673	6.331	2.628	28.613	0.436	33.006	
11/02/2025 16:55	11.473	7.679	6.253	2.522	28.001	0.432	33.006	
11/02/2025 17:00	11.482	7.681	6.284	2.516	27.929	0.436	33.006	
11/02/2025 17:05	11.499	7.682	6.514	2.515	27.899	0.436	33.005	
11/02/2025 17:10	11.499	7.685	6.554	2.520	27.947	0.433	32.996	
11/02/2025 17:15	11.502	7.689	6.511	2.521	27.977	0.436	32.984	
11/02/2025 17:20	11.515	7.693	6.598	2.515	28.049	0.436	32.968	
11/02/2025 17:25	11.522	7.695	6.536	2.511	27.959	0.438	32.956	
11/02/2025 17:30	91.616	7.698	6.578	2.520	28.085	0.433	32.954	
11/02/2025 17:35	94.172	7.701	6.557	2.522	28.097	0.430	32.936	
11/02/2025 17:40	93.808	7.704	6.659	2.529	28.097	0.435	32.918	
11/02/2025 17:45	82.407	7.706	6.667	2.520	28.007	0.433	32.906	
11/02/2025 17:50	94.602	7.713	6.638	2.522	28.073	0.432	32.906	
11/02/2025 17:55	11.591	7.716	6.530	2.544	28.355	0.433	32.906	
11/02/2025 18:00	11.653	7.721	6.698	2.533	28.259	0.432	32.906	
11/02/2025 18:05	11.637	7.726	6.700	2.534	28.295	0.431	32.906	
11/02/2025 18:10	11.571	7.729	6.740	2.540	28.361	0.432	32.906	
11/02/2025 18:15	11.692	7.733	6.677	2.550	28.325	0.431	32.906	
11/02/2025 18:20	11.732	7.735	6.629	2.545	28.349	0.430	32.906	
11/02/2025 18:25	11.725	7.737	6.535	2.515	28.067	0.431	32.906	
11/02/2025 18:30	11.728	7.741	6.725	2.526	28.265	0.433	32.906	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/02/2025 18:35	11.748	7.746	6.806	2.535	28.295	0.432	32.906	
11/02/2025 18:40	11.758	7.748	6.811	2.535	28.295	0.433	32.906	
11/02/2025 18:45	11.771	7.754	6.821	2.535	28.337	0.430	32.906	
11/02/2025 18:50	11.794	7.756	6.829	2.544	28.439	0.428	32.903	
11/02/2025 18:55	11.781	7.762	6.833	2.552	28.439	0.425	32.890	
11/02/2025 19:00	11.778	7.762	6.880	2.538	28.367	0.427	32.824	
11/02/2025 19:05	11.791	7.766	6.986	2.539	28.367	0.422	32.808	
11/02/2025 19:10	11.807	7.769	6.847	2.547	28.487	0.425	32.806	
11/02/2025 19:15	11.847	7.773	6.784	2.550	28.475	0.417	32.806	
11/02/2025 19:20	11.791	7.774	6.743	2.547	28.487	0.428	32.806	
11/02/2025 19:25	11.827	7.777	7.019	2.577	28.619	0.426	32.806	
11/02/2025 19:30	11.807	7.779	6.815	2.456	27.989	0.425	32.805	
11/02/2025 19:35	11.830	7.784	6.752	2.478	28.097	0.424	32.802	
11/02/2025 19:40	11.830	7.786	6.872	2.471	28.019	0.420	32.790	
11/02/2025 19:45	11.866	7.788	6.805	2.473	28.019	0.428	32.772	
11/02/2025 19:50	11.856	7.790	6.808	2.472	28.025	0.425	32.757	
11/02/2025 19:55	11.824	7.795	6.859	2.473	28.031	0.423	32.750	
11/02/2025 20:00	11.843	7.796	6.766	2.495	28.271	0.421	32.721	
11/02/2025 20:05	11.840	7.827	153.275	3.995	37.243	0.424	32.788	
11/02/2025 20:10	11.869	7.955	184.708	3.794	36.006	0.421	32.706	
11/02/2025 20:15	11.863	7.926	187.693	4.288	38.917	0.419	32.706	
11/02/2025 20:20	11.863	7.885	147.859	4.132	37.987	0.428	32.710	
11/02/2025 20:25	11.856	7.852	37.020	3.588	34.824	0.424	32.803	
11/02/2025 20:30	11.906	7.826	12.623	3.388	33.522	0.419	32.803	
11/02/2025 20:35	107.249	7.811	10.149	3.554	34.584	0.428	32.804	
11/02/2025 20:40	133.272	7.804	9.390	3.675	35.286	0.416	32.805	
11/02/2025 20:45	159.516	7.799	8.648	3.812	36.126	0.427	32.805	
11/02/2025 20:50	120.320	7.794	8.352	3.932	36.864	0.422	32.804	
11/02/2025 20:55	83.854	7.787	8.181	3.641	35.136	0.424	32.802	
11/02/2025 21:00	100.005	7.780	7.874	2.956	30.977	0.424	32.781	
11/02/2025 21:05	92.859	7.775	7.752	2.906	30.659	0.428	32.775	
11/02/2025 21:10	101.504	7.772	7.668	2.857	30.431	0.422	32.764	
11/02/2025 21:15	97.151	7.767	7.656	2.865	30.503	0.424	32.757	
11/02/2025 21:20	103.561	7.762	7.509	2.893	30.551	0.419	32.754	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/02/2025 21:25	94.382	7.760	7.467	2.867	30.473	0.423	32.746	
11/02/2025 21:30	97.213	7.760	7.376	2.829	30.281	0.418	32.718	
11/02/2025 21:35	91.898	7.760	7.293	2.793	30.059	0.417	32.710	
11/02/2025 21:40	105.543	7.758	7.322	2.787	30.065	0.416	32.706	
11/02/2025 21:45	11.912	7.757	7.301	2.793	30.047	0.417	32.706	
11/02/2025 21:50	11.925	7.759	7.275	2.724	29.615	0.417	32.706	
11/02/2025 21:55	11.896	7.760	7.208	2.765	29.885	0.414	32.706	
11/02/2025 22:00	11.896	7.762	7.358	3.151	32.196	0.411	32.706	
11/02/2025 22:05	11.915	7.761	7.154	2.717	29.591	0.417	32.706	
11/02/2025 22:10	11.919	7.767	7.130	2.688	29.441	0.418	32.706	
11/02/2025 22:15	11.932	7.770	7.087	2.711	29.555	0.415	32.706	
11/02/2025 22:20	11.906	7.772	7.229	2.710	29.567	0.416	32.706	
11/02/2025 22:25	11.932	7.774	7.182	2.697	29.447	0.419	32.706	
11/02/2025 22:30	11.929	7.779	7.112	2.675	29.339	0.418	32.706	
11/02/2025 22:35	11.952	7.781	7.073	2.549	28.583	0.420	32.706	
11/02/2025 22:40	11.889	7.781	7.096	2.560	28.721	0.417	32.706	
11/02/2025 22:45	11.929	7.782	7.078	2.561	28.709	0.416	32.706	
11/02/2025 22:50	11.938	7.789	7.124	2.553	28.595	0.415	32.706	
11/02/2025 22:55	11.883	7.790	7.057	2.553	28.595	0.413	32.706	
11/02/2025 23:00	11.929	7.792	7.140	2.547	28.595	0.414	32.706	
11/02/2025 23:05	11.896	7.794	7.094	2.575	28.697	0.411	32.705	
11/02/2025 23:10	11.938	7.799	7.045	2.555	28.625	0.415	32.705	
11/02/2025 23:15	11.952	7.800	7.064	2.561	28.709	0.415	32.703	
11/02/2025 23:20	11.902	7.803	7.114	2.561	28.733	0.414	32.693	
11/02/2025 23:25	11.938	7.805	7.160	2.554	28.619	0.417	32.670	
11/02/2025 23:30	11.919	7.809	6.962	2.561	28.763	0.416	32.641	
11/02/2025 23:35	11.965	7.810	7.046	2.597	28.931	0.415	32.609	
11/02/2025 23:40	11.942	7.812	7.042	2.555	28.589	0.416	32.606	
11/02/2025 23:45	11.889	7.814	12.845	2.554	28.589	0.415	32.606	
11/02/2025 23:50	11.952	7.815	21.589	2.553	28.589	0.415	32.603	
11/02/2025 23:55	11.948	7.820	29.345	2.582	28.775	0.407	32.603	
11/03/2025 0:00	11.932	7.814	39.109	2.641	29.129	0.408	32.506	
11/03/2025 0:05	11.974	7.837	68.669	3.434	33.834	0.408	32.584	
11/03/2025 0:10	11.945	7.899	5.681	3.519	34.404	0.401	32.509	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/03/2025 0:15	11.929	7.922	5.681	4.033	37.513	0.410	32.587	
11/03/2025 0:20	12.007	7.905	270.563	4.051	37.555	0.417	32.645	
11/03/2025 0:25	11.948	7.859	88.127	3.576	34.824	0.412	32.705	
11/03/2025 0:30	11.971	7.837	97.471	3.722	35.658	0.414	32.705	
11/03/2025 0:35	11.873	7.823	112.668	3.505	34.374	0.412	32.705	
11/03/2025 0:40	11.961	7.813	122.088	2.943	30.983	0.412	32.705	
11/03/2025 0:45	11.929	7.805	128.013	2.978	31.217	0.416	32.705	
11/03/2025 0:50	245.962	7.802	132.839	3.030	31.493	0.412	32.705	
11/03/2025 0:55	110.543	7.798	137.722	3.001	31.253	0.415	32.705	
11/03/2025 1:00	138.066	7.795	138.456	2.922	30.875	0.410	32.705	
11/03/2025 1:05	123.076	7.794	140.507	2.945	30.965	0.413	32.705	
11/03/2025 1:10	104.365	7.788	141.344	2.972	31.139	0.413	32.691	
11/03/2025 1:15	97.745	7.790	140.402	2.978	31.193	0.409	32.663	
11/03/2025 1:20	113.381	7.788	134.867	2.988	31.223	0.412	32.637	
11/03/2025 1:25	149.345	7.789	129.499	3.016	31.451	0.411	32.611	
11/03/2025 1:30	141.379	7.793	123.429	2.980	31.205	0.410	32.608	
11/03/2025 1:35	124.539	7.794	116.902	2.989	31.235	0.411	32.606	
11/03/2025 1:40	11.925	7.794	109.933	2.967	31.157	0.410	32.606	
11/03/2025 1:45	11.922	7.796	101.867	3.005	31.343	0.408	32.606	
11/03/2025 1:50	11.948	7.797	95.753	3.018	31.475	0.408	32.606	
11/03/2025 1:55	12.014	7.799	87.500	3.127	32.124	0.408	32.606	
11/03/2025 2:00	11.915	7.805	81.361	3.076	31.805	0.407	32.606	
11/03/2025 2:05	11.984	7.806	73.395	3.087	31.956	0.406	32.606	
11/03/2025 2:10	11.991	7.807	68.018	3.084	31.932	0.407	32.605	
11/03/2025 2:15	11.958	7.808	60.328	3.056	31.715	0.406	32.605	
11/03/2025 2:20	12.073	7.810	53.797	3.063	31.685	0.407	32.605	
11/03/2025 2:30	12.001	7.816	38.600	3.070	31.829	0.408	32.597	
11/03/2025 2:35	12.004	7.820	31.415	3.086	31.949	0.406	32.592	
11/03/2025 2:40	12.027	7.823	26.258	3.127	32.172	0.405	32.569	
11/03/2025 2:45	11.991	7.823	19.443	3.100	31.943	0.410	32.569	
11/03/2025 2:50	11.968	7.826	13.382	3.114	32.088	0.406	32.569	
11/03/2025 2:55	12.020	7.825	8.622	3.127	32.160	0.404	32.563	
11/03/2025 3:00	11.984	7.826	7.862	3.134	32.184	0.402	32.562	
11/03/2025 3:05	12.040	7.829	7.863	3.156	32.280	0.402	32.558	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/03/2025 3:10	12.020	7.830	7.835	3.408	33.888	0.404	32.556	
11/03/2025 3:15	12.017	7.834	7.557	3.171	32.382	0.407	32.548	
11/03/2025 3:20	12.034	7.834	7.403	3.200	32.604	0.406	32.544	
11/03/2025 3:25	12.014	7.837	7.676	3.214	32.736	0.403	32.540	
11/03/2025 3:30	12.007	7.839	7.494	3.215	32.712	0.404	32.528	
11/03/2025 3:35	12.024	7.839	7.460	3.213	32.706	0.405	32.517	
11/03/2025 3:40	11.984	7.842	7.457	3.201	32.622	0.402	32.511	
11/03/2025 3:45	12.004	7.842	7.424	3.163	32.382	0.405	32.506	
11/03/2025 3:50	12.014	7.847	7.335	3.205	32.610	0.403	32.506	
11/03/2025 3:55	12.011	7.848	7.322	3.236	32.808	0.399	32.506	
11/03/2025 4:00	12.001	7.847	7.344	3.207	32.586	0.404	32.506	
11/03/2025 4:05	12.017	7.884	173.336	4.837	42.307	0.409	32.507	
11/03/2025 4:10	12.043	8.012	198.999	4.814	42.181	0.404	32.506	
11/03/2025 4:15	12.004	7.968	179.303	4.613	40.999	0.400	32.527	
11/03/2025 4:20	12.017	7.937	150.454	5.012	43.490	0.402	32.659	
11/03/2025 4:25	12.027	7.893	35.368	4.226	38.773	0.401	32.705	
11/03/2025 4:30	12.027	7.865	12.902	4.004	37.393	0.400	32.705	
11/03/2025 4:35	93.982	7.851	10.473	3.777	36.114	0.402	32.706	
11/03/2025 4:40	147.518	7.843	9.357	3.806	36.216	0.400	32.706	
11/03/2025 4:45	159.939	7.840	8.853	3.727	35.664	0.403	32.706	
11/03/2025 4:50	92.184	7.832	8.606	3.742	35.886	0.405	32.706	
11/03/2025 4:55	110.838	7.828	8.444	3.791	36.132	0.404	32.706	
11/03/2025 5:00	91.108	7.826	8.253	3.798	36.132	0.405	32.706	
11/03/2025 5:05	92.971	7.818	8.118	3.749	35.904	0.403	32.706	
11/03/2025 5:10	97.479	7.811	8.018	3.427	33.954	0.404	32.706	
11/03/2025 5:15	94.995	7.808	7.781	3.384	33.738	0.406	32.706	
11/03/2025 5:20	153.945	7.802	7.790	3.384	33.636	0.405	32.706	
11/03/2025 5:25	113.319	7.802	7.739	3.389	33.768	0.406	32.706	
11/03/2025 5:30	109.677	7.801	7.601	3.369	33.630	0.406	32.706	
11/03/2025 5:35	109.808	7.800	7.524	3.360	33.498	0.407	32.706	
11/03/2025 5:40	100.891	7.799	7.521	3.369	33.528	0.402	32.706	
11/03/2025 5:45	86.019	7.798	7.683	3.361	33.510	0.405	32.706	
11/03/2025 5:50	78.572	7.800	7.518	3.340	33.402	0.402	32.706	
11/03/2025 5:55	11.997	7.804	7.397	3.318	33.336	0.398	32.706	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/03/2025 6:00	11.965	7.801	7.356	3.326	33.336	0.406	32.706	
11/03/2025 6:05	11.961	7.804	7.353	3.304	33.246	0.404	32.706	
11/03/2025 6:10	11.968	7.808	7.338	3.296	33.204	0.406	32.706	
11/03/2025 6:15	11.958	7.809	7.356	3.318	33.324	0.403	32.706	
11/03/2025 6:20	11.952	7.809	7.395	3.231	32.766	0.404	32.705	
11/03/2025 6:25	11.994	7.813	7.295	3.233	32.772	0.406	32.705	
11/03/2025 6:30	11.997	7.817	7.230	3.206	32.556	0.409	32.705	
11/03/2025 6:35	11.955	7.818	7.272	3.231	32.778	0.412	32.705	
11/03/2025 6:40	11.942	7.824	7.254	3.467	34.170	0.408	32.705	
11/03/2025 6:45	11.974	7.825	7.232	3.224	32.760	0.406	32.705	
11/03/2025 6:50	11.981	7.825	7.227	3.245	32.892	0.404	32.701	
11/03/2025 6:55	12.017	7.828	7.197	3.760	35.988	0.405	32.702	
11/03/2025 7:00	11.968	7.831	7.343	3.280	33.054	0.402	32.698	
11/03/2025 7:05	11.961	7.834	7.196	3.274	32.976	0.405	32.694	
11/03/2025 7:10	11.925	7.835	7.230	3.274	32.940	0.406	32.693	
11/03/2025 7:15	11.899	7.838	7.174	3.279	33.060	0.405	32.691	
11/03/2025 7:20	11.915	7.837	7.148	3.178	32.394	0.406	32.662	
11/03/2025 7:25	11.912	7.840	7.076	3.249	32.814	0.406	32.677	
11/03/2025 7:30	11.896	7.843	7.066	3.291	32.988	0.404	32.661	
11/03/2025 7:35	11.919	7.848	7.015	3.292	32.994	0.405	32.659	
11/03/2025 7:40	11.886	7.851	6.967	3.303	33.090	0.401	32.635	
11/03/2025 7:45	11.922	7.850	6.943	3.303	33.096	0.406	32.624	
11/03/2025 7:50	11.863	7.852	6.859	3.411	33.708	0.405	32.608	
11/03/2025 7:55	11.883	7.852	6.839	3.269	32.874	0.402	32.606	
11/03/2025 8:00	11.892	7.853	6.913	3.294	33.054	0.403	32.606	
11/03/2025 8:05	11.942	7.883	176.426	5.038	43.532	0.407	32.606	
11/03/2025 8:10	11.909	8.035	227.063	5.001	43.262	0.407	32.606	
11/03/2025 8:15	11.919	7.972	175.974	5.515	46.394	0.405	32.685	
11/03/2025 8:20	11.906	7.919	72.469	5.501	46.316	0.402	32.705	
11/03/2025 8:25	11.925	7.879	14.535	4.846	42.410	0.400	32.706	
11/03/2025 8:30	11.899	7.859	10.545	4.967	43.148	0.404	32.718	
11/03/2025 8:35	11.869	7.846	9.558	4.668	41.341	0.397	32.726	
11/03/2025 8:40	11.915	7.840	8.909	4.274	39.007	0.400	32.732	
11/03/2025 8:45	11.948	7.832	8.571	4.666	41.383	0.404	32.737	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/03/2025 8:50	11.892	7.826	8.310	4.636	41.089	0.402	32.742	
11/03/2025 8:55	11.899	7.819	8.150	3.893	36.690	0.402	32.732	
11/03/2025 9:00	11.912	7.814	7.781	3.929	36.810	0.401	32.742	
11/03/2025 9:05	11.892	7.810	7.820	3.870	36.486	0.402	32.753	
11/03/2025 9:10	11.853	7.806	7.484	3.911	36.762	0.402	32.760	
11/03/2025 9:15	11.866	7.806	7.544	3.909	36.726	0.400	32.793	
11/03/2025 9:20	11.801	7.800	7.544	3.644	35.088	0.400	32.806	
11/03/2025 9:25	11.856	7.797	7.169	3.413	33.636	0.400	32.806	
11/03/2025 9:30	11.794	7.792	7.175	3.530	34.374	0.400	32.806	
11/03/2025 9:35	11.712	7.794	7.233	3.733	35.598	0.398	32.806	
11/03/2025 9:40	11.748	7.791	6.802	3.673	35.094	0.398	32.810	
11/03/2025 9:45	11.735	7.791	6.659	3.792	35.874	0.398	32.810	
11/03/2025 9:50	11.751	7.790	6.716	4.517	40.231	0.400	32.808	
11/03/2025 9:55	11.637	7.792	6.445	3.507	34.122	0.401	32.806	
11/03/2025 10:00	11.702	7.792	6.398	3.619	34.794	0.400	32.806	
11/03/2025 10:05	11.722	7.794	6.428	3.869	36.324	0.399	32.806	
11/03/2025 10:10	11.715	7.798	6.599	3.820	36.042	0.398	32.805	
11/03/2025 10:15	11.666	7.799	7.578	3.814	35.940	0.399	32.776	
11/03/2025 10:20	111.038	7.801	7.482	3.866	36.282	0.399	32.752	
11/03/2025 10:25	114.969	7.808	7.515	3.654	35.016	0.399	32.722	
11/03/2025 10:30	107.321	7.808	7.671	3.468	33.948	0.400	32.707	
11/03/2025 10:35	119.145	7.812	7.557	3.462	33.876	0.399	32.706	
11/03/2025 10:40	98.719	7.816	7.547	3.421	33.804	0.399	32.706	
11/03/2025 10:45	105.336	7.821	7.473	3.438	33.804	0.396	32.706	
11/03/2025 10:50	137.396	7.823	7.497	3.469	33.936	0.398	32.706	
11/03/2025 10:55	73.772	7.826	7.596	3.646	35.076	0.392	32.706	
11/03/2025 11:00	78.056	7.831	7.598	3.264	32.826	0.399	32.706	
11/03/2025 11:05	11.873	7.834	7.620	3.348	33.228	0.396	32.706	
11/03/2025 11:10	11.866	7.835	7.505	3.399	33.588	0.400	32.706	
11/03/2025 11:15	11.847	7.841	7.646	3.408	33.672	0.399	32.706	
11/03/2025 11:20	11.879	7.843	7.632	3.428	33.786	0.399	32.706	
11/03/2025 11:25	11.824	7.845	7.616	3.430	33.828	0.402	32.706	
11/03/2025 11:30	11.866	7.847	7.485	3.394	33.600	0.398	32.706	
11/03/2025 11:35	11.860	7.852	7.628	3.414	33.690	0.398	32.706	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/03/2025 11:40	11.833	7.853	7.647	3.450	33.888	0.400	32.706	
11/03/2025 11:45	11.827	7.853	7.620	3.440	33.876	0.400	32.706	
11/03/2025 11:50	11.797	7.855	7.422	3.483	34.074	0.400	32.702	
11/03/2025 11:55	11.801	7.857	7.266	3.247	32.670	0.384	32.711	
11/03/2025 12:00	11.781	7.855	7.299	3.310	33.066	0.393	32.715	
11/03/2025 12:05	11.774	7.858	7.251	3.841	36.240	0.393	32.745	
11/03/2025 12:10	11.748	7.854	7.523	3.704	35.358	0.397	32.752	
11/03/2025 12:15	11.732	7.855	7.329	3.554	34.410	0.399	32.757	
11/03/2025 12:20	11.705	7.856	7.377	3.521	34.230	0.401	32.760	
11/03/2025 12:25	11.696	7.856	7.239	3.555	34.410	0.401	32.764	
11/03/2025 12:30	11.682	7.855	10.061	3.311	32.892	0.401	32.759	
11/03/2025 12:35	11.673	7.854	13.789	3.338	33.090	0.400	32.782	
11/03/2025 12:40	11.660	7.856	16.704	3.328	32.952	0.398	32.783	
11/03/2025 12:45	11.656	7.856	20.048	3.359	33.150	0.396	32.771	
11/03/2025 12:50	11.650	7.860	24.817	3.385	33.348	0.397	32.788	
11/03/2025 12:55	27.066	7.861	28.679	4.103	37.591	0.395	32.795	
11/03/2025 13:00	11.594	7.861	32.466	3.481	34.002	0.398	32.804	
11/03/2025 13:05	11.594	7.861	33.393	3.238	32.430	0.398	32.796	
11/03/2025 13:10	11.614	7.861	32.140	3.294	32.748	0.396	32.800	
11/03/2025 13:15	11.571	7.864	28.931	3.328	32.964	0.396	32.805	
11/03/2025 13:20	11.538	7.868	25.688	3.349	33.036	0.395	32.806	
11/03/2025 13:25	11.571	7.868	22.085	3.331	32.898	0.399	32.805	
11/03/2025 13:30	11.574	7.866	17.865	3.688	35.130	0.396	32.805	
11/03/2025 13:35	11.541	7.867	13.197	3.408	33.414	0.400	32.805	
11/03/2025 13:40	11.574	7.866	8.999	3.372	33.192	0.397	32.805	
11/03/2025 13:45	11.535	7.870	7.233	3.379	33.162	0.398	32.805	
11/03/2025 13:50	11.555	7.870	7.018	3.344	32.964	0.396	32.804	
11/03/2025 13:55	11.502	7.872	6.997	3.384	33.246	0.396	32.806	
11/03/2025 14:00	11.453	7.872	6.692	3.382	33.228	0.397	32.813	
11/03/2025 14:05	11.427	7.870	6.553	3.258	32.460	0.397	32.810	
11/03/2025 14:10	11.450	7.867	6.484	3.256	32.388	0.396	32.903	
11/03/2025 14:15	11.371	7.869	6.215	3.450	33.498	0.400	32.906	
11/03/2025 14:20	11.394	7.864	6.130	3.398	33.150	0.399	32.906	
11/03/2025 14:25	11.354	7.863	6.064	3.345	32.796	0.398	32.906	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/03/2025 14:30	11.338	7.861	6.020	3.360	32.862	0.401	32.906	
11/03/2025 14:35	11.331	7.861	5.789	3.662	34.662	0.404	32.906	
11/03/2025 14:40	11.318	7.859	5.804	3.317	32.586	0.397	32.906	
11/03/2025 14:45	11.295	7.859	5.948	3.355	32.814	0.394	32.906	
11/03/2025 14:50	11.312	7.860	5.837	3.316	32.562	0.397	32.906	
11/03/2025 14:55	11.286	7.859	5.872	3.323	32.562	0.397	32.906	
11/03/2025 15:00	11.308	7.858	5.996	3.351	32.802	0.399	32.906	
11/03/2025 15:05	11.299	7.857	5.788	3.330	32.658	0.399	32.906	
11/03/2025 15:10	11.282	7.859	73.398	3.316	32.526	0.401	32.906	
11/03/2025 15:15	11.315	7.935	208.741	5.709	46.922	0.405	32.958	
11/03/2025 15:20	11.292	7.983	183.409	5.389	45.014	0.403	33.006	
11/03/2025 15:25	11.318	7.946	156.667	5.839	47.751	0.409	33.072	
11/03/2025 15:30	11.318	7.889	130.630	5.073	43.148	0.402	33.106	
11/03/2025 15:35	11.318	7.845	14.305	4.724	41.065	0.398	33.152	
11/03/2025 15:40	87.515	7.816	9.498	4.692	40.867	0.402	33.155	
11/03/2025 15:45	82.020	7.797	8.429	4.784	41.407	0.396	33.156	
11/03/2025 15:50	126.721	7.787	7.895	2.501	27.779	0.396	33.156	
11/03/2025 15:55	88.325	7.778	7.529	2.473	27.593	0.404	33.156	
11/03/2025 16:00	83.276	7.770	7.398	2.483	27.623	0.392	33.156	
11/03/2025 16:05	85.301	7.761	7.580	2.498	27.803	0.393	33.156	
11/03/2025 16:10	95.583	7.759	7.155	2.471	27.677	0.393	33.156	
11/03/2025 16:15	88.529	7.756	7.166	2.508	27.911	0.399	33.156	
11/03/2025 16:20	83.033	7.754	7.146	2.539	28.037	0.396	33.155	
11/03/2025 16:25	75.461	7.754	7.085	2.582	28.385	0.398	33.153	
11/03/2025 16:30	84.661	7.752	7.090	2.577	28.271	0.395	33.147	
11/03/2025 16:35	83.401	7.751	7.031	2.555	28.169	0.398	33.144	
11/03/2025 16:40	83.066	7.757	7.021	2.563	28.169	0.399	33.132	
11/03/2025 16:45	84.297	7.756	6.941	2.594	28.379	0.396	33.115	
11/03/2025 16:50	11.499	7.760	6.901	2.604	28.577	0.394	33.108	
11/03/2025 16:55	11.535	7.761	6.985	2.881	30.179	0.398	33.107	
11/03/2025 17:00	11.561	7.765	6.923	2.854	29.987	0.394	33.106	
11/03/2025 17:05	11.564	7.767	6.962	2.821	29.909	0.398	33.106	
11/03/2025 17:10	11.581	7.771	6.850	2.601	28.541	0.404	33.106	
11/03/2025 17:15	11.587	7.773	6.968	2.617	28.661	0.393	33.106	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/03/2025 17:20	11.630	7.776	7.042	2.625	28.697	0.396	33.106	
11/03/2025 17:25	11.614	7.781	7.069	2.613	28.625	0.394	33.106	
11/03/2025 17:30	11.640	7.785	6.959	2.616	28.745	0.400	33.106	
11/03/2025 17:35	11.663	7.789	6.977	2.616	28.769	0.395	33.106	
11/03/2025 17:40	11.682	7.793	6.877	2.611	28.697	0.394	33.106	
11/03/2025 17:45	11.669	7.794	7.048	2.613	28.733	0.397	33.106	
11/03/2025 17:50	11.656	7.799	7.103	2.613	28.739	0.397	33.104	
11/03/2025 17:55	11.666	7.801	7.144	2.607	28.757	0.396	33.089	
11/03/2025 18:00	11.709	7.803	7.248	2.603	28.661	0.398	33.073	
11/03/2025 18:05	11.722	7.805	7.275	2.598	28.691	0.395	33.055	
11/03/2025 18:10	11.732	7.810	6.884	2.561	28.511	0.398	33.042	
11/03/2025 18:15	11.804	7.812	7.104	2.542	28.289	0.396	33.028	
11/03/2025 18:20	11.732	7.813	7.181	2.525	28.307	0.398	33.013	
11/03/2025 18:25	11.784	7.817	7.144	2.508	28.211	0.399	33.008	
11/03/2025 18:30	11.778	7.818	7.163	2.500	28.121	0.398	33.006	
11/03/2025 18:35	11.705	7.825	7.144	2.487	28.031	0.399	33.006	
11/03/2025 18:40	11.820	7.827	7.386	2.477	28.049	0.398	33.006	
11/03/2025 18:45	11.804	7.828	7.109	2.440	27.875	0.411	33.006	
11/03/2025 18:50	11.807	7.832	7.129	2.427	27.803	0.405	33.006	
11/03/2025 18:55	11.791	7.836	7.253	2.415	27.671	0.398	33.006	
11/03/2025 19:00	11.863	7.838	7.200	2.394	27.575	0.401	33.006	
11/03/2025 19:05	11.820	7.840	7.208	2.375	27.455	0.406	33.005	
11/03/2025 19:10	11.817	7.843	71.829	2.353	27.383	0.402	32.999	
11/03/2025 19:15	11.876	7.908	190.456	3.416	33.672	0.403	32.955	
11/03/2025 19:20	11.817	7.916	160.890	2.959	31.031	0.403	32.921	
11/03/2025 19:25	11.801	7.874	18.993	2.563	28.547	0.402	32.907	
11/03/2025 19:30	11.824	7.851	11.258	2.533	28.499	0.395	32.906	
11/03/2025 19:35	11.863	7.842	9.785	2.495	28.211	0.396	32.906	
11/03/2025 19:40	120.143	7.834	9.026	2.477	28.055	0.394	32.906	
11/03/2025 19:45	100.858	7.829	8.585	2.455	27.947	0.402	32.906	
11/03/2025 19:50	107.344	7.826	8.195	2.441	27.881	0.404	32.906	
11/03/2025 19:55	102.334	7.824	8.115	2.429	27.797	0.395	32.906	
11/03/2025 20:00	95.586	7.823	8.004	2.416	27.791	0.398	32.906	
11/03/2025 20:05	95.343	7.824	7.698	2.405	27.713	0.398	32.906	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/03/2025 20:10	90.871	7.824	7.704	2.388	27.599	0.396	32.906	
11/03/2025 20:15	87.167	7.822	7.509	2.367	27.515	0.388	32.906	
11/03/2025 20:20	84.142	7.825	7.556	2.353	27.407	0.394	32.906	
11/03/2025 20:25	100.455	7.827	7.469	2.340	27.299	0.396	32.906	
11/03/2025 20:35	11.915	7.830	7.409	2.325	27.227	0.391	32.906	
11/03/2025 20:40	11.958	7.833	7.313	2.319	27.233	0.395	32.906	
11/03/2025 20:45	11.912	7.835	7.235	2.306	27.131	0.396	32.906	
11/03/2025 20:50	11.942	7.837	7.298	2.299	27.143	0.395	32.906	
11/03/2025 20:55	11.938	7.836	7.212	2.293	27.125	0.392	32.906	
11/03/2025 21:00	11.952	7.838	7.242	2.286	27.053	0.394	32.906	
11/03/2025 21:05	11.981	7.845	7.308	2.280	27.059	0.389	32.906	
11/03/2025 21:10	11.955	7.844	7.244	2.271	26.927	0.387	32.904	
11/03/2025 21:15	11.889	7.846	7.527	2.267	26.969	0.388	32.885	
11/03/2025 21:20	11.978	7.847	7.334	2.265	26.975	0.389	32.835	
11/03/2025 21:25	11.961	7.853	7.254	2.258	26.981	0.393	32.823	
11/03/2025 21:30	11.984	7.855	7.214	2.253	26.861	0.394	32.816	
11/03/2025 21:35	11.968	7.858	7.409	2.251	26.903	0.388	32.806	
11/03/2025 21:40	11.978	7.859	7.367	2.247	26.879	0.389	32.806	
11/03/2025 21:45	11.971	7.863	7.368	2.245	26.861	0.391	32.806	
11/03/2025 21:50	11.919	7.864	7.232	2.237	26.753	0.388	32.806	
11/03/2025 21:55	11.968	7.867	7.253	2.231	26.794	0.388	32.806	
11/03/2025 22:00	11.978	7.873	7.245	2.231	26.771	0.398	32.805	
11/03/2025 22:05	11.958	7.874	7.129	2.224	26.789	0.389	32.805	
11/03/2025 22:10	11.971	7.876	7.152	2.224	26.771	0.387	32.803	
11/03/2025 22:15	11.988	7.879	7.236	2.217	26.674	0.388	32.794	
11/03/2025 22:20	11.971	7.880	7.087	2.217	26.674	0.390	32.762	
11/03/2025 22:25	11.961	7.880	7.179	2.219	26.681	0.389	32.758	
11/03/2025 22:30	11.955	7.886	7.259	2.217	26.681	0.389	32.755	
11/03/2025 22:35	12.014	7.887	7.290	2.211	26.692	0.390	32.749	
11/03/2025 22:40	12.014	7.889	7.215	2.214	26.692	0.394	32.734	
11/03/2025 22:45	12.027	7.894	7.209	2.212	26.686	0.391	32.713	
11/03/2025 22:50	12.020	7.891	7.054	2.212	26.711	0.388	32.706	
11/03/2025 22:55	11.981	7.896	7.214	2.205	26.596	0.392	32.706	
11/03/2025 23:00	11.988	7.898	7.247	2.206	26.590	0.388	32.706	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/03/2025 23:05	12.001	7.900	7.154	2.205	26.608	0.388	32.706	
11/03/2025 23:10	11.971	7.905	79.189	2.206	26.602	0.387	32.706	
11/03/2025 23:15	12.020	8.017	277.243	3.143	32.214	0.394	32.706	
11/03/2025 23:20	12.027	8.013	277.254	2.828	30.275	0.398	32.705	
11/03/2025 23:25	12.053	7.985	277.275	3.542	34.548	0.397	32.718	
11/03/2025 23:30	12.040	7.945	277.266	3.035	31.565	0.396	32.806	
11/03/2025 23:35	11.981	7.908	18.252	2.619	29.057	0.393	32.905	
11/03/2025 23:40	91.229	7.881	11.502	2.549	28.637	0.397	32.906	
11/03/2025 23:45	97.587	7.864	10.661	2.527	28.535	0.391	32.906	
11/03/2025 23:50	89.320	7.853	22.754	2.507	28.397	0.387	32.900	
11/03/2025 23:55	89.598	7.848	36.772	2.478	28.229	0.371	32.906	
11/04/2025 0:00	85.340	7.840	51.957	2.473	28.211	0.379	32.905	
11/04/2025 0:05	88.220	7.839	66.545	2.464	28.199	0.377	32.902	
11/04/2025 0:10	88.125	7.835	85.193	2.443	27.971	0.379	32.880	
11/04/2025 0:15	87.400	7.832	104.276	2.437	27.971	0.379	32.819	
11/04/2025 0:20	96.422	7.833	120.132	2.429	27.983	0.381	32.806	
11/04/2025 0:25	93.001	7.831	139.404	2.385	27.647	0.378	32.806	
11/04/2025 0:30	87.410	7.833	159.692	2.379	27.653	0.382	32.806	
11/04/2025 0:35	124.359	7.833	179.315	2.371	27.515	0.379	32.803	
11/04/2025 0:40	102.679	7.834	200.481	2.364	27.509	0.380	32.773	
11/04/2025 0:45	93.650	7.837	220.305	2.351	27.389	0.379	32.758	
11/04/2025 0:50	12.024	7.841	236.891	2.348	27.401	0.379	32.745	
11/04/2025 0:55	12.063	7.840	248.272	2.341	27.389	0.380	32.715	
11/04/2025 1:00	12.034	7.842	260.589	2.328	27.299	0.376	32.706	
11/04/2025 1:05	12.037	7.843	273.860	2.326	27.287	0.375	32.706	
11/04/2025 1:10	12.050	7.848	277.260	2.320	27.275	0.376	32.706	
11/04/2025 1:15	11.991	7.852	277.275	2.320	27.257	0.382	32.706	
11/04/2025 1:20	12.024	7.855	277.251	2.312	27.149	0.378	32.706	
11/04/2025 1:25	12.060	7.857	277.243	2.307	27.125	0.379	32.706	
11/04/2025 1:30	11.988	7.858	277.252	2.297	27.041	0.379	32.706	
11/04/2025 1:35	12.011	7.864	277.255	2.291	27.047	0.378	32.706	
11/04/2025 1:40	12.050	7.865	277.266	2.293	27.053	0.378	32.706	
11/04/2025 1:45	12.020	7.866	277.273	2.284	27.047	0.377	32.706	
11/04/2025 1:50	11.945	7.870	275.674	2.285	27.059	0.373	32.706	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/04/2025 1:55	12.004	7.871	259.485	2.277	26.939	0.377	32.705	
11/04/2025 2:00	12.027	7.869	240.670	2.277	26.957	0.379	32.705	
11/04/2025 2:05	12.053	7.875	221.250	2.277	26.963	0.377	32.704	
11/04/2025 2:10	12.043	7.879	203.056	2.270	27.005	0.376	32.691	
11/04/2025 2:15	12.027	7.880	187.891	2.270	26.987	0.382	32.658	
11/04/2025 2:20	12.014	7.885	172.405	2.262	26.873	0.378	32.625	
11/04/2025 2:25	12.017	7.886	156.133	2.254	26.897	0.375	32.607	
11/04/2025 2:30	11.968	7.887	141.186	2.256	26.891	0.379	32.606	
11/04/2025 2:35	12.056	7.889	127.093	2.257	26.903	0.380	32.606	
11/04/2025 2:40	11.988	7.893	112.002	2.249	26.897	0.378	32.606	
11/04/2025 2:45	12.017	7.896	95.858	2.249	26.909	0.376	32.606	
11/04/2025 2:50	12.004	7.898	79.562	2.241	26.801	0.376	32.606	
11/04/2025 2:55	12.056	7.901	62.290	2.243	26.807	0.373	32.606	
11/04/2025 3:00	12.056	7.901	46.293	2.242	26.807	0.374	32.606	
11/04/2025 3:05	12.017	7.901	30.435	2.241	26.807	0.374	32.606	
11/04/2025 3:10	12.040	7.905	177.719	2.243	26.819	0.381	32.606	
11/04/2025 3:15	11.988	7.966	5.717	3.150	32.286	0.374	32.607	
11/04/2025 3:20	12.007	7.994	100.652	3.100	31.943	0.377	32.606	
11/04/2025 3:25	12.053	7.960	277.278	3.603	35.076	0.376	32.705	
11/04/2025 3:30	12.034	7.908	19.123	2.607	29.087	0.379	32.705	
11/04/2025 3:35	11.988	7.894	12.117	2.649	29.291	0.370	32.705	
11/04/2025 3:40	95.747	7.885	10.278	2.703	29.681	0.371	32.705	
11/04/2025 3:45	101.157	7.881	9.515	2.637	29.171	0.370	32.705	
11/04/2025 3:50	90.307	7.877	9.068	2.536	28.643	0.373	32.705	
11/04/2025 3:55	91.222	7.878	8.895	2.528	28.529	0.370	32.705	
11/04/2025 4:00	95.747	7.875	8.694	2.464	28.253	0.372	32.705	
11/04/2025 4:05	94.041	7.871	8.496	2.520	28.511	0.373	32.705	
11/04/2025 4:10	96.741	7.876	8.391	2.435	27.995	0.373	32.705	
11/04/2025 4:15	107.223	7.878	8.153	2.421	27.887	0.371	32.705	
11/04/2025 4:20	97.797	7.881	8.109	2.407	27.809	0.368	32.705	
11/04/2025 4:25	96.363	7.887	8.082	2.401	27.803	0.371	32.698	
11/04/2025 4:30	92.607	7.887	7.722	2.385	27.677	0.370	32.664	
11/04/2025 4:35	12.089	7.888	7.944	2.375	27.713	0.369	32.641	
11/04/2025 4:40	11.994	7.889	7.914	2.364	27.569	0.367	32.622	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/04/2025 4:45	11.994	7.893	7.721	2.356	27.575	0.372	32.611	
11/04/2025 4:50	12.007	7.896	7.898	2.359	27.635	0.368	32.606	
11/04/2025 4:55	12.086	7.899	7.754	2.342	27.485	0.368	32.606	
11/04/2025 5:00	12.017	7.899	8.049	2.349	27.491	0.392	32.606	
11/04/2025 5:05	12.047	7.901	7.907	2.335	27.365	0.365	32.606	
11/04/2025 5:10	12.017	7.905	7.644	2.328	27.377	0.367	32.606	
11/04/2025 5:15	12.011	7.909	7.604	2.322	27.365	0.366	32.606	
11/04/2025 5:20	12.034	7.909	7.611	2.307	27.257	0.370	32.606	
11/04/2025 5:25	12.050	7.914	7.562	2.306	27.263	0.369	32.606	
11/04/2025 5:30	12.014	7.917	7.497	2.307	27.263	0.371	32.606	
11/04/2025 5:35	12.027	7.916	7.427	2.299	27.191	0.370	32.605	
11/04/2025 5:40	12.034	7.922	7.428	2.287	27.185	0.368	32.605	
11/04/2025 5:45	11.955	7.925	7.686	2.285	27.179	0.370	32.605	
11/04/2025 5:50	12.053	7.927	7.766	2.279	27.041	0.369	32.604	
11/04/2025 5:55	12.030	7.929	7.755	2.285	27.047	0.368	32.601	
11/04/2025 6:00	12.034	7.931	7.502	2.278	27.041	0.369	32.589	
11/04/2025 6:05	12.017	7.931	7.872	2.273	27.047	0.367	32.565	
11/04/2025 6:10	11.994	7.935	7.866	2.271	27.053	0.370	32.561	
11/04/2025 6:15	12.043	7.935	7.710	2.271	27.035	0.374	32.558	
11/04/2025 6:20	12.014	7.937	7.526	2.261	26.891	0.369	32.556	
11/04/2025 6:25	12.043	7.942	7.545	2.255	26.939	0.372	32.552	
11/04/2025 6:30	12.043	7.940	7.692	2.257	26.927	0.370	32.545	
11/04/2025 6:35	12.017	7.940	7.361	2.256	26.987	0.369	32.514	
11/04/2025 6:40	12.024	7.942	7.506	2.255	26.939	0.370	32.517	
11/04/2025 6:45	12.011	7.944	7.565	2.249	26.945	0.370	32.513	
11/04/2025 6:50	12.007	7.945	7.518	2.248	26.939	0.368	32.508	
11/04/2025 6:55	12.007	7.946	7.650	2.248	26.927	0.369	32.507	
11/04/2025 7:00	12.007	7.950	7.790	2.250	26.903	0.369	32.507	
11/04/2025 7:05	11.961	7.949	7.659	2.233	26.855	0.363	32.506	
11/04/2025 7:10	12.027	7.949	79.112	2.233	26.825	0.370	32.506	
11/04/2025 7:15	11.978	8.105	209.960	3.409	33.750	0.368	32.506	
11/04/2025 7:20	11.942	8.077	184.878	3.387	33.654	0.370	32.506	
11/04/2025 7:25	11.965	8.016	161.106	3.429	33.840	0.372	32.605	
11/04/2025 7:30	11.938	7.970	132.695	3.426	33.870	0.369	32.705	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/04/2025 7:35	11.896	7.913	16.668	2.665	29.333	0.370	32.705	
11/04/2025 7:40	116.855	7.884	11.253	2.603	28.865	0.369	32.706	
11/04/2025 7:45	134.362	7.864	9.851	2.571	28.727	0.368	32.706	
11/04/2025 7:50	93.040	7.851	9.453	2.555	28.595	0.363	32.706	
11/04/2025 7:55	100.884	7.840	8.880	2.546	28.475	0.364	32.709	
11/04/2025 8:00	125.723	7.829	8.450	2.522	28.349	0.368	32.711	
11/04/2025 8:05	97.246	7.821	8.541	2.512	28.301	0.366	32.718	
11/04/2025 8:10	126.717	7.815	8.234	2.475	28.055	0.364	32.711	
11/04/2025 8:15	126.386	7.810	8.184	2.459	27.905	0.363	32.714	
11/04/2025 8:20	109.070	7.809	8.007	2.458	27.911	0.365	32.709	
11/04/2025 8:25	112.669	7.809	7.961	2.433	27.803	0.369	32.711	
11/04/2025 8:30	104.244	7.807	8.066	2.426	27.635	0.365	32.719	
11/04/2025 8:35	105.835	7.808	7.986	2.416	27.641	0.365	32.733	
11/04/2025 8:40	94.680	7.808	7.647	2.401	27.497	0.362	32.720	
11/04/2025 8:45	90.674	7.810	7.595	2.393	27.491	0.362	32.734	
11/04/2025 8:50	11.702	7.810	7.722	2.391	27.425	0.366	32.750	
11/04/2025 8:55	11.646	7.815	7.730	2.382	27.329	0.363	32.754	
11/04/2025 9:00	11.640	7.817	7.479	2.367	27.185	0.361	32.761	
11/04/2025 9:05	11.584	7.818	7.616	2.367	27.269	0.360	32.782	
11/04/2025 9:10	11.607	7.820	7.172	2.363	27.155	0.360	32.787	
11/04/2025 9:15	11.623	7.821	7.193	2.363	27.143	0.363	32.799	
11/04/2025 9:20	11.591	7.824	7.112	2.353	27.113	0.362	32.792	
11/04/2025 9:25	11.591	7.827	7.208	2.347	27.101	0.361	32.803	
11/04/2025 9:30	11.587	7.829	7.078	2.337	26.993	0.362	32.806	
11/04/2025 9:35	11.584	7.830	7.139	2.326	26.951	0.359	32.806	
11/04/2025 9:40	11.522	7.832	7.030	2.328	26.951	0.358	32.806	
11/04/2025 9:45	11.561	7.832	6.935	2.335	26.951	0.363	32.806	
11/04/2025 9:50	11.574	7.836	7.070	2.335	26.897	0.358	32.807	
11/04/2025 9:55	11.482	7.837	7.200	2.383	27.251	0.357	32.808	
11/04/2025 10:00	11.486	7.838	7.009	2.341	27.011	0.362	32.835	
11/04/2025 10:05	11.545	7.845	7.067	2.414	27.437	0.357	32.901	
11/04/2025 10:10	11.571	7.845	7.313	2.497	27.947	0.362	32.906	
11/04/2025 10:15	11.443	7.845	6.953	2.329	26.855	0.362	32.906	
11/04/2025 10:20	11.551	7.847	6.947	2.335	26.969	0.362	32.906	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/04/2025 10:25	11.459	7.848	6.950	2.349	26.975	0.360	32.906	
11/04/2025 10:30	11.433	7.852	6.899	2.347	26.999	0.359	32.906	
11/04/2025 10:35	11.453	7.851	6.715	2.331	26.861	0.360	32.906	
11/04/2025 10:40	11.476	7.851	6.862	2.324	26.729	0.362	32.906	
11/04/2025 10:45	11.453	7.852	6.556	2.272	26.422	0.357	32.908	
11/04/2025 10:50	11.443	7.852	6.505	2.271	26.506	0.357	32.921	
11/04/2025 10:55	11.387	7.856	6.710	2.270	26.476	0.362	32.933	
11/04/2025 11:00	11.417	7.861	6.581	2.270	26.482	0.358	32.980	
11/04/2025 11:05	11.368	7.862	6.355	2.269	26.344	0.360	32.990	
11/04/2025 11:10	11.364	7.862	73.300	2.262	26.356	0.358	32.958	
11/04/2025 11:15	11.381	8.023	225.494	3.216	32.046	0.362	33.006	
11/04/2025 11:20	11.423	7.998	182.085	3.317	32.592	0.368	33.006	
11/04/2025 11:25	11.440	7.945	158.325	3.551	34.086	0.360	33.006	
11/04/2025 11:30	11.387	7.879	16.324	2.639	28.577	0.361	33.030	
11/04/2025 11:35	11.348	7.858	10.107	2.780	29.423	0.362	33.052	
11/04/2025 11:40	149.624	7.845	8.622	2.603	28.331	0.359	33.095	
11/04/2025 11:45	111.130	7.830	8.163	2.559	28.121	0.365	33.060	
11/04/2025 11:50	113.719	7.826	7.761	2.678	28.859	0.364	33.064	
11/04/2025 11:55	92.344	7.814	7.707	2.743	29.159	0.350	33.104	
11/04/2025 12:00	96.354	7.809	7.694	2.508	27.809	0.355	33.106	
11/04/2025 12:05	108.404	7.809	7.499	2.429	27.341	0.356	33.107	
11/04/2025 12:10	106.616	7.804	7.274	2.450	27.437	0.359	33.123	
11/04/2025 12:15	117.479	7.799	6.620	2.461	27.527	0.363	33.156	
11/04/2025 12:20	92.085	7.799	6.698	2.439	27.293	0.363	33.153	
11/04/2025 12:25	95.999	7.794	6.509	2.439	27.389	0.365	33.143	
11/04/2025 12:30	95.189	7.794	6.490	2.481	27.617	0.362	33.125	
11/04/2025 12:35	101.780	7.792	7.662	2.431	27.293	0.358	33.123	
11/04/2025 12:40	11.312	7.798	20.045	2.416	27.173	0.361	33.154	
11/04/2025 12:45	11.269	7.799	36.154	2.616	28.445	0.365	33.156	
11/04/2025 12:50	11.345	7.798	275.820	2.353	26.771	0.367	33.158	
11/04/2025 12:55	11.266	7.801	65.825	2.337	26.735	0.359	33.161	
11/04/2025 13:00	11.345	7.804	85.200	2.331	26.741	0.365	33.157	
11/04/2025 13:05	11.345	7.807	106.262	2.333	26.735	0.368	33.157	
11/04/2025 13:10	11.348	7.810	125.540	2.333	26.626	0.362	33.156	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/04/2025 13:15	11.318	7.815	145.387	2.297	26.506	0.366	33.156	
11/04/2025 13:20	11.325	7.821	162.453	2.309	26.512	0.366	33.155	
11/04/2025 13:25	11.361	7.821	174.368	2.284	26.404	0.365	33.159	
11/04/2025 13:30	11.338	7.827	186.003	2.284	26.386	0.368	33.196	
11/04/2025 13:35	11.338	7.828	198.038	2.282	26.368	0.368	33.206	
11/04/2025 13:40	11.335	7.829	209.887	2.279	26.326	0.367	33.207	
11/04/2025 13:45	11.328	7.833	219.639	2.273	26.248	0.367	33.243	
11/04/2025 13:50	11.200	7.829	230.729	2.283	26.218	0.365	33.209	
11/04/2025 13:55	11.259	7.830	239.367	2.264	26.128	0.364	33.207	
11/04/2025 14:00	11.223	7.829	243.532	2.263	26.068	0.365	33.206	
11/04/2025 14:05	11.226	7.831	246.446	2.264	26.068	0.365	33.206	
11/04/2025 14:10	11.276	7.832	250.016	2.265	26.062	0.365	33.206	
11/04/2025 14:15	11.256	7.838	249.556	2.265	26.086	0.369	33.200	
11/04/2025 14:20	11.243	7.836	245.690	2.272	26.212	0.368	33.163	
11/04/2025 14:25	11.289	7.838	234.645	2.260	26.128	0.365	33.157	
11/04/2025 14:35	11.305	7.845	213.222	2.256	26.086	0.367	33.160	
11/04/2025 14:40	11.331	7.851	210.905	2.242	26.068	0.365	33.157	
11/04/2025 14:45	11.338	7.850	248.741	2.258	26.092	0.372	33.157	
11/04/2025 14:50	11.305	7.854	275.776	2.243	25.984	0.372	33.162	
11/04/2025 14:55	11.354	7.854	275.779	2.251	26.092	0.372	33.162	
11/04/2025 15:00	11.315	7.854	275.778	2.251	26.062	0.366	33.160	
11/04/2025 15:05	11.253	7.856	145.402	2.247	26.116	0.372	33.158	
11/04/2025 15:10	11.328	7.861	275.802	2.253	26.104	0.374	33.158	
11/04/2025 15:15	11.325	7.902	275.773	3.422	33.102	0.371	33.194	
11/04/2025 15:20	11.266	8.332	5.411	4.154	37.633	0.372	33.206	
11/04/2025 15:25	11.256	7.817	5.411	4.083	37.129	0.379	33.266	
11/04/2025 15:30	11.286	7.660	5.414	3.510	33.708	0.380	33.307	
11/04/2025 15:35	11.266	7.583	275.773	2.635	28.427	0.378	33.307	
11/04/2025 15:40	99.090	7.546	275.736	2.575	27.965	0.389	33.307	
11/04/2025 15:45	95.996	7.523	275.767	2.547	27.863	0.375	33.307	
11/04/2025 15:50	96.357	7.509	8.439	2.595	28.301	0.378	33.307	
11/04/2025 15:55	99.339	7.505	275.767	2.643	28.433	0.385	33.307	
11/04/2025 16:00	89.690	7.496	255.977	2.713	28.865	0.379	33.307	
11/04/2025 16:05	92.627	7.494	7.775	2.558	28.007	0.382	33.307	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/04/2025 16:10	79.208	7.492	7.584	2.601	28.331	0.380	33.307	
11/04/2025 16:15	82.220	7.488	7.466	2.623	28.463	0.374	33.307	
11/04/2025 16:20	97.541	7.489	7.683	2.647	28.583	0.384	33.307	
11/04/2025 16:25	81.052	7.492	7.530	2.413	27.227	0.378	33.307	
11/04/2025 16:30	81.364	7.491	7.490	2.409	27.167	0.379	33.307	
11/04/2025 16:35	89.201	7.495	7.533	2.388	27.059	0.375	33.306	
11/04/2025 16:40	73.545	7.497	7.685	2.375	26.981	0.375	33.305	
11/04/2025 16:45	70.035	7.499	7.529	2.376	26.999	0.374	33.300	
11/04/2025 16:50	67.154	7.502	276.010	2.374	26.981	0.375	33.279	
11/04/2025 16:55	11.466	7.503	276.048	2.367	26.975	0.375	33.243	
11/04/2025 17:00	11.502	7.505	276.072	2.351	26.879	0.378	33.227	
11/04/2025 17:05	11.518	7.506	276.103	2.353	26.897	0.376	33.213	
11/04/2025 17:10	11.482	7.512	276.133	2.348	26.789	0.383	33.208	
11/04/2025 17:15	11.482	7.516	276.181	2.343	26.915	0.377	33.206	
11/04/2025 17:20	11.528	7.521	276.187	2.336	26.741	0.377	33.206	
11/04/2025 17:25	11.564	7.522	276.234	2.339	26.873	0.376	33.206	
11/04/2025 17:30	11.568	7.526	276.262	2.333	26.807	0.376	33.206	
11/04/2025 17:35	11.564	7.530	276.327	2.321	26.831	0.374	33.203	
11/04/2025 17:40	11.548	7.532	7.445	2.317	26.831	0.377	33.196	
11/04/2025 17:45	11.614	7.538	7.455	2.317	26.861	0.375	33.178	
11/04/2025 17:50	11.594	7.543	7.455	2.312	26.879	0.381	33.163	
11/04/2025 17:55	11.646	7.546	7.787	2.298	26.819	0.379	33.157	
11/04/2025 18:00	11.623	7.548	7.647	2.310	26.873	0.375	33.156	
11/04/2025 18:05	11.627	7.554	7.748	2.302	26.843	0.376	33.156	
11/04/2025 18:10	11.633	7.553	7.734	2.298	26.861	0.379	33.155	
11/04/2025 18:15	11.748	7.556	7.680	2.298	26.927	0.375	33.139	
11/04/2025 18:20	11.679	7.562	7.728	2.292	26.807	0.378	33.128	
11/04/2025 18:25	11.673	7.564	7.721	2.286	26.825	0.379	33.118	
11/04/2025 18:30	11.696	7.567	7.713	2.293	26.825	0.383	33.107	
11/04/2025 18:35	11.709	7.569	7.667	2.289	26.861	0.380	33.106	
11/04/2025 18:40	11.676	7.571	7.584	2.282	26.813	0.377	33.106	
11/04/2025 18:45	11.719	7.575	7.427	2.282	26.777	0.383	33.106	
11/04/2025 18:50	11.719	7.580	7.436	2.273	26.735	0.382	33.106	
11/04/2025 18:55	11.699	7.582	7.521	2.275	26.759	0.376	33.106	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/04/2025 19:00	11.761	7.584	7.530	2.267	26.735	0.374	33.106	
11/04/2025 19:05	11.764	7.587	7.614	2.268	26.789	0.375	33.106	
11/04/2025 19:10	11.748	7.590	70.174	2.263	26.668	0.376	33.106	
11/04/2025 19:15	11.774	7.528	222.477	2.934	30.701	0.385	33.058	
11/04/2025 19:20	11.801	7.501	188.293	2.942	30.719	0.380	33.030	
11/04/2025 19:25	11.758	7.504	162.716	3.434	33.726	0.376	33.022	
11/04/2025 19:30	11.784	7.525	17.077	2.463	27.875	0.377	33.010	
11/04/2025 19:35	11.738	7.535	11.552	2.471	28.025	0.379	33.012	
11/04/2025 19:40	69.576	7.542	9.819	2.450	27.887	0.379	33.006	
11/04/2025 19:45	67.758	7.549	9.209	2.444	27.803	0.386	33.006	
11/04/2025 19:50	66.127	7.556	8.768	2.522	28.235	0.382	33.006	
11/04/2025 19:55	81.596	7.563	8.541	2.430	27.713	0.382	33.006	
11/04/2025 20:00	62.683	7.563	8.283	2.401	27.605	0.384	33.006	
11/04/2025 20:05	64.877	7.568	8.298	2.387	27.521	0.379	33.006	
11/04/2025 20:10	55.278	7.572	8.184	2.375	27.407	0.379	33.006	
11/04/2025 20:15	55.547	7.576	8.166	2.367	27.383	0.385	33.006	
11/04/2025 20:20	56.492	7.580	8.093	2.360	27.311	0.386	33.006	
11/04/2025 20:25	55.931	7.584	7.958	2.354	27.293	0.389	33.006	
11/04/2025 20:30	63.723	7.585	7.914	2.347	27.239	0.385	33.006	
11/04/2025 20:35	56.659	7.594	7.847	2.332	27.221	0.393	33.006	
11/04/2025 20:40	63.805	7.594	7.943	2.326	27.101	0.387	33.006	
11/04/2025 20:45	71.570	7.601	7.764	2.313	27.113	0.382	33.005	
11/04/2025 20:50	76.770	7.603	7.845	2.313	27.029	0.382	33.004	
11/04/2025 20:55	59.464	7.605	7.757	2.307	27.005	0.380	33.002	
11/04/2025 21:00	65.944	7.611	7.640	2.300	27.035	0.380	32.990	
11/04/2025 21:05	76.675	7.611	7.779	2.300	27.047	0.379	32.968	
11/04/2025 21:10	97.200	7.613	8.505	2.293	26.891	0.380	32.957	
11/04/2025 21:15	99.707	7.618	47.721	2.285	26.909	0.382	32.956	
11/04/2025 21:20	11.853	7.624	83.988	2.291	26.891	0.382	32.941	
11/04/2025 21:25	11.847	7.628	240.966	2.293	26.849	0.383	32.906	
11/04/2025 21:30	11.840	7.632	182.281	2.299	26.987	0.380	32.906	
11/04/2025 21:35	11.837	7.632	239.218	2.307	26.975	0.379	32.906	
11/04/2025 21:40	11.869	7.633	208.879	2.308	26.975	0.378	32.901	
11/04/2025 21:45	11.876	7.632	221.340	2.314	26.975	0.383	32.886	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/04/2025 21:50	11.876	7.629	234.774	2.315	27.011	0.382	32.833	
11/04/2025 21:55	11.896	7.628	221.125	2.309	26.993	0.375	32.809	
11/04/2025 22:00	11.906	7.629	214.776	2.325	27.155	0.376	32.806	
11/04/2025 22:05	11.935	7.629	216.996	2.317	27.125	0.384	32.800	
11/04/2025 22:10	11.909	7.623	229.249	2.332	27.143	0.382	32.806	
11/04/2025 22:15	11.892	7.606	217.656	2.354	27.257	0.379	32.806	
11/04/2025 22:20	11.883	7.602	221.022	2.354	27.389	0.380	32.806	
11/04/2025 22:25	11.902	7.597	238.626	2.362	27.353	0.386	32.806	
11/04/2025 22:30	11.869	7.594	27.491	2.353	27.407	0.384	32.806	
11/04/2025 22:35	11.883	7.592	9.621	2.360	27.425	0.385	32.806	
11/04/2025 22:40	11.909	7.586	9.581	2.376	27.545	0.385	32.806	
11/04/2025 22:45	11.856	7.581	9.591	2.377	27.569	0.380	32.806	
11/04/2025 22:50	11.860	7.581	9.569	2.371	27.461	0.382	32.806	
11/04/2025 22:55	11.889	7.586	9.542	2.379	27.587	0.384	32.806	
11/04/2025 23:00	11.935	7.586	9.335	2.379	27.575	0.385	32.806	
11/04/2025 23:05	11.952	7.581	9.401	2.393	27.575	0.390	32.795	
11/04/2025 23:10	11.935	7.582	81.563	2.381	27.593	0.390	32.800	
11/04/2025 23:15	11.997	7.594	277.020	3.403	33.648	0.381	32.506	
11/04/2025 23:20	32.916	7.619	267.184	3.294	32.994	0.379	32.506	
11/04/2025 23:25	21.994	7.608	260.230	3.360	33.312	0.380	32.573	
11/04/2025 23:30	11.974	7.602	220.795	3.368	33.480	0.377	32.697	
11/04/2025 23:35	11.968	7.587	224.289	2.939	30.917	0.381	32.705	
11/04/2025 23:40	68.831	7.582	231.843	2.854	30.365	0.391	32.705	
11/04/2025 23:45	73.155	7.581	236.930	2.826	30.251	0.389	32.705	
11/04/2025 23:50	83.204	7.583	10.323	2.820	30.215	0.385	32.701	
11/04/2025 23:55	66.590	7.589	10.023	2.810	30.191	0.378	32.705	
11/05/2025 0:00	62.542	7.595	9.656	2.768	29.885	0.372	32.705	
11/05/2025 0:05	63.933	7.600	9.704	2.754	29.783	0.382	32.705	
11/05/2025 0:10	142.475	7.607	228.188	2.741	29.717	0.376	32.705	
11/05/2025 0:15	79.142	7.617	218.849	2.729	29.621	0.375	32.705	
11/05/2025 0:20	115.113	7.620	230.327	2.720	29.609	0.375	32.705	
11/05/2025 0:25	79.838	7.626	220.347	2.704	29.507	0.381	32.705	
11/05/2025 0:30	109.936	7.633	207.194	2.687	29.429	0.379	32.705	
11/05/2025 0:35	138.151	7.641	229.949	2.657	29.189	0.375	32.705	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/05/2025 0:40	70.212	7.646	143.337	2.662	29.213	0.383	32.679	
11/05/2025 0:45	55.294	7.651	168.297	2.634	29.111	0.377	32.643	
11/05/2025 0:50	66.616	7.655	191.951	2.621	29.015	0.376	32.606	
11/05/2025 0:55	60.399	7.659	214.806	2.606	28.889	0.375	32.606	
11/05/2025 1:00	61.252	7.663	236.141	2.599	28.889	0.377	32.606	
11/05/2025 1:05	60.924	7.667	255.186	2.592	28.757	0.380	32.606	
11/05/2025 1:10	61.544	7.671	277.129	2.635	29.081	0.382	32.606	
11/05/2025 1:15	58.595	7.675	277.116	2.585	28.757	0.377	32.605	
11/05/2025 1:20	61.219	7.676	277.147	2.577	28.769	0.376	32.605	
11/05/2025 1:25	58.979	7.679	277.131	2.570	28.649	0.377	32.601	
11/05/2025 1:30	82.801	7.685	277.143	2.571	28.661	0.379	32.579	
11/05/2025 1:35	82.187	7.685	277.156	2.578	28.667	0.375	32.560	
11/05/2025 1:40	76.268	7.683	277.147	2.635	29.111	0.377	32.552	
11/05/2025 1:45	11.997	7.687	277.153	2.573	28.673	0.373	32.543	
11/05/2025 1:50	11.991	7.693	277.161	2.565	28.679	0.374	32.525	
11/05/2025 1:55	11.961	7.692	277.153	2.557	28.577	0.376	32.508	
11/05/2025 2:00	11.994	7.697	277.173	2.559	28.583	0.375	32.506	
11/05/2025 2:05	11.974	7.699	277.177	2.551	28.595	0.375	32.506	
11/05/2025 2:10	12.040	7.703	277.198	2.545	28.619	0.378	32.506	
11/05/2025 2:15	11.974	7.700	277.204	2.545	28.631	0.378	32.506	
11/05/2025 2:20	12.007	7.705	277.234	2.553	28.625	0.377	32.506	
11/05/2025 2:25	12.024	7.706	277.230	2.561	28.613	0.377	32.506	
11/05/2025 2:30	12.014	7.713	277.225	2.547	28.643	0.381	32.506	
11/05/2025 2:35	12.014	7.714	277.231	2.540	28.517	0.378	32.506	
11/05/2025 2:40	11.991	7.716	277.260	2.547	28.553	0.374	32.506	
11/05/2025 2:45	12.102	7.713	277.260	2.576	28.727	0.379	32.506	
11/05/2025 2:50	12.047	7.715	277.234	2.555	28.637	0.378	32.506	
11/05/2025 2:55	11.981	7.716	277.233	2.547	28.631	0.377	32.506	
11/05/2025 3:00	12.020	7.720	261.378	2.540	28.559	0.373	32.506	
11/05/2025 3:05	12.030	7.721	236.274	2.553	28.637	0.377	32.506	
11/05/2025 3:10	29.248	7.720	277.245	2.565	28.655	0.374	32.506	
11/05/2025 3:15	11.968	7.696	5.705	3.141	32.250	0.383	32.506	
11/05/2025 3:20	12.004	7.668	5.710	3.470	34.236	0.378	32.506	
11/05/2025 3:25	48.736	7.669	5.708	3.548	34.728	0.382	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/05/2025 3:30	11.997	7.674	87.635	3.192	32.562	0.380	32.540	
11/05/2025 3:35	11.988	7.670	277.236	2.972	31.103	0.385	32.555	
11/05/2025 3:40	57.125	7.669	277.248	2.957	31.031	0.382	32.556	
11/05/2025 3:45	65.396	7.667	277.243	2.885	30.575	0.387	32.553	
11/05/2025 3:50	67.650	7.662	277.233	2.865	30.473	0.383	32.553	
11/05/2025 3:55	97.587	7.661	10.965	2.955	31.085	0.385	32.553	
11/05/2025 4:00	63.168	7.666	245.594	3.041	31.553	0.380	32.551	
11/05/2025 4:05	144.191	7.668	255.414	2.715	29.615	0.383	32.547	
11/05/2025 4:10	144.276	7.667	243.037	2.713	29.603	0.382	32.544	
11/05/2025 4:15	143.246	7.665	9.393	2.598	28.913	0.384	32.515	
11/05/2025 4:20	143.591	7.663	20.204	2.584	28.913	0.380	32.513	
11/05/2025 4:25	143.308	7.662	234.342	2.592	28.883	0.379	32.507	
11/05/2025 4:30	143.056	7.663	8.843	2.583	28.847	0.379	32.507	
11/05/2025 4:35	141.484	7.667	8.694	2.571	28.853	0.378	32.506	
11/05/2025 4:40	143.666	7.665	8.633	2.573	28.835	0.380	32.506	
11/05/2025 4:45	141.668	7.664	8.930	2.556	28.715	0.379	32.506	
11/05/2025 4:50	142.521	7.663	268.360	2.530	28.451	0.385	32.506	
11/05/2025 4:55	142.892	7.664	227.044	2.538	28.577	0.380	32.506	
11/05/2025 5:00	141.934	7.662	274.704	2.527	28.487	0.381	32.506	
11/05/2025 5:05	140.520	7.662	273.221	2.515	28.433	0.378	32.506	
11/05/2025 5:10	142.177	7.661	270.824	2.513	28.343	0.381	32.506	
11/05/2025 5:15	141.766	7.663	270.792	2.507	28.361	0.379	32.506	
11/05/2025 5:20	11.932	7.661	9.182	2.483	28.301	0.390	32.506	
11/05/2025 5:25	12.030	7.659	271.901	2.493	28.247	0.383	32.506	
11/05/2025 5:30	12.060	7.661	277.239	2.477	28.229	0.382	32.506	
11/05/2025 5:35	12.017	7.660	8.474	2.475	28.289	0.381	32.506	
11/05/2025 5:40	12.014	7.661	8.496	2.475	28.187	0.381	32.506	
11/05/2025 5:45	12.014	7.661	8.519	2.468	28.175	0.388	32.506	
11/05/2025 5:50	12.017	7.660	8.450	2.477	28.187	0.381	32.506	
11/05/2025 5:55	11.952	7.661	8.471	2.462	28.187	0.391	32.506	
11/05/2025 6:00	12.001	7.658	8.580	2.463	28.181	0.379	32.506	
11/05/2025 6:05	11.997	7.658	8.427	2.455	28.073	0.378	32.506	
11/05/2025 6:10	11.994	7.661	8.354	2.454	28.085	0.383	32.506	
11/05/2025 6:15	11.981	7.661	8.561	2.455	28.127	0.379	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/05/2025 6:20	11.994	7.658	8.213	2.454	28.073	0.385	32.506	
11/05/2025 6:25	12.014	7.658	8.504	2.446	28.073	0.389	32.506	
11/05/2025 6:30	11.984	7.658	8.498	2.447	28.067	0.384	32.506	
11/05/2025 6:35	12.030	7.659	8.376	2.448	28.079	0.392	32.506	
11/05/2025 6:40	11.978	7.657	8.681	2.446	28.055	0.387	32.506	
11/05/2025 6:45	11.991	7.658	8.378	2.446	28.061	0.385	32.506	
11/05/2025 6:50	11.978	7.657	8.519	2.481	28.265	0.393	32.506	
11/05/2025 6:55	12.004	7.657	8.504	2.445	28.049	0.387	32.506	
11/05/2025 7:00	11.965	7.658	8.390	2.437	28.049	0.381	32.506	
11/05/2025 7:05	11.929	7.658	8.331	2.437	27.959	0.389	32.506	
11/05/2025 7:10	11.961	7.658	76.550	2.437	27.893	0.391	32.506	
11/05/2025 7:15	12.007	7.705	222.316	3.438	33.900	0.390	32.505	
11/05/2025 7:20	11.997	7.723	186.661	3.473	34.062	0.391	32.506	
11/05/2025 7:25	11.988	7.716	158.288	3.571	34.710	0.389	32.506	
11/05/2025 7:30	11.965	7.704	89.047	3.442	33.954	0.389	32.525	
11/05/2025 7:35	11.942	7.679	16.000	2.705	29.603	0.388	32.570	
11/05/2025 7:40	60.865	7.664	11.388	2.661	29.237	0.391	32.589	
11/05/2025 7:45	68.936	7.653	10.155	2.631	29.123	0.386	32.596	
11/05/2025 7:50	67.309	7.642	9.516	2.617	28.997	0.386	32.603	
11/05/2025 7:55	84.142	7.635	157.385	2.627	28.991	0.385	32.599	
11/05/2025 8:00	72.568	7.630	151.933	2.622	28.949	0.382	32.604	
11/05/2025 8:05	96.577	7.624	8.883	2.543	28.553	0.382	32.605	
11/05/2025 8:10	139.283	7.621	8.814	2.542	28.517	0.381	32.605	
11/05/2025 8:15	142.075	7.616	8.624	2.527	28.385	0.380	32.605	
11/05/2025 8:20	144.060	7.618	8.477	2.503	28.307	0.380	32.605	
11/05/2025 8:25	140.251	7.616	8.342	2.505	28.235	0.382	32.605	
11/05/2025 8:30	139.634	7.611	8.378	2.485	28.097	0.384	32.605	
11/05/2025 8:35	146.182	7.610	8.361	2.477	28.055	0.389	32.605	
11/05/2025 8:40	131.547	7.608	8.259	2.467	27.935	0.386	32.605	
11/05/2025 8:45	140.129	7.604	8.135	2.465	27.917	0.389	32.605	
11/05/2025 8:50	137.839	7.603	7.971	2.470	27.929	0.388	32.605	
11/05/2025 8:55	141.268	7.602	7.797	2.477	27.941	0.391	32.605	
11/05/2025 9:00	133.765	7.599	7.721	2.461	27.833	0.383	32.606	
11/05/2025 9:05	134.913	7.596	7.800	2.459	27.785	0.383	32.606	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/05/2025 9:10	96.577	7.594	7.907	2.449	27.737	0.386	32.630	
11/05/2025 9:15	95.195	7.593	7.814	2.444	27.719	0.385	32.684	
11/05/2025 9:20	76.672	7.592	7.743	2.436	27.617	0.385	32.705	
11/05/2025 9:25	81.823	7.590	7.598	2.391	27.329	0.384	32.705	
11/05/2025 9:30	116.344	7.583	7.538	2.403	27.395	0.378	32.705	
11/05/2025 9:35	116.813	7.583	7.490	2.400	27.389	0.383	32.705	
11/05/2025 9:40	83.424	7.586	7.271	2.392	27.209	0.380	32.705	
11/05/2025 9:45	11.466	7.579	7.560	2.396	27.287	0.383	32.705	
11/05/2025 9:50	11.489	7.578	7.445	2.394	27.287	0.380	32.705	
11/05/2025 9:55	11.479	7.576	7.268	2.391	27.197	0.382	32.707	
11/05/2025 10:00	11.443	7.571	6.992	2.389	27.233	0.383	32.755	
11/05/2025 10:05	11.436	7.574	7.112	2.382	27.203	0.380	32.759	
11/05/2025 10:10	11.512	7.569	7.118	2.380	27.221	0.381	32.783	
11/05/2025 10:15	11.430	7.567	7.215	2.377	27.155	0.385	32.764	
11/05/2025 10:20	11.453	7.562	7.265	2.377	27.131	0.383	32.785	
11/05/2025 10:25	11.397	7.563	7.031	2.380	27.197	0.381	32.806	
11/05/2025 10:30	11.459	7.559	6.959	2.384	27.119	0.380	32.806	
11/05/2025 10:35	11.390	7.554	6.851	2.377	27.107	0.382	32.806	
11/05/2025 10:40	11.413	7.554	6.974	2.377	27.137	0.385	32.804	
11/05/2025 10:45	11.404	7.549	7.030	2.377	27.131	0.377	32.800	
11/05/2025 10:50	11.436	7.553	6.875	2.373	27.071	0.384	32.806	
11/05/2025 10:55	11.384	7.551	6.862	2.377	27.023	0.380	32.806	
11/05/2025 11:00	11.410	7.546	6.887	2.374	26.987	0.384	32.806	
11/05/2025 11:05	11.322	7.545	6.911	2.367	26.975	0.384	32.806	
11/05/2025 11:10	11.325	7.544	69.125	2.369	26.969	0.379	32.806	
11/05/2025 11:15	11.354	7.628	232.010	3.701	34.908	0.389	32.906	
11/05/2025 11:20	11.407	7.658	169.448	3.507	33.756	0.388	32.906	
11/05/2025 11:25	11.463	7.653	151.048	3.496	33.666	0.384	32.869	
11/05/2025 11:30	11.384	7.618	15.033	2.882	30.101	0.391	32.822	
11/05/2025 11:35	11.364	7.598	10.130	2.825	29.789	0.386	32.808	
11/05/2025 11:40	76.341	7.590	8.757	2.781	29.453	0.382	32.810	
11/05/2025 11:45	90.861	7.582	121.887	2.628	28.463	0.382	32.830	
11/05/2025 11:50	157.964	7.577	15.498	2.620	28.475	0.380	32.885	
11/05/2025 11:55	214.446	7.571	92.655	2.566	28.157	0.370	32.903	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/05/2025 12:00	123.033	7.563	7.448	2.550	28.091	0.379	32.898	
11/05/2025 12:05	122.019	7.556	42.311	2.501	27.761	0.381	32.904	
11/05/2025 12:10	239.180	7.551	7.896	2.501	27.779	0.379	32.904	
11/05/2025 12:15	238.859	7.547	7.632	2.509	27.887	0.381	32.906	
11/05/2025 12:20	237.694	7.541	7.583	2.512	27.923	0.383	32.906	
11/05/2025 12:25	236.565	7.542	7.490	2.513	27.959	0.378	32.906	
11/05/2025 12:30	235.594	7.538	7.563	2.527	27.959	0.382	32.906	
11/05/2025 12:35	233.960	7.532	7.574	2.535	28.031	0.381	32.906	
11/05/2025 12:40	11.482	7.527	7.529	2.555	28.163	0.382	32.906	
11/05/2025 12:45	11.518	7.524	7.553	2.549	28.175	0.383	32.906	
11/05/2025 12:50	11.505	7.524	7.644	2.514	27.977	0.383	32.906	
11/05/2025 12:55	11.486	7.523	7.571	2.499	27.875	0.385	32.906	
11/05/2025 13:00	11.413	7.524	11.799	2.507	27.893	0.385	32.906	
11/05/2025 13:05	11.443	7.521	28.094	2.535	28.079	0.387	32.906	
11/05/2025 13:10	11.489	7.520	47.777	2.505	27.869	0.385	32.906	
11/05/2025 13:15	11.515	7.521	69.952	2.493	27.743	0.386	32.906	
11/05/2025 13:20	11.417	7.519	92.731	2.491	27.833	0.386	32.906	
11/05/2025 13:25	11.528	7.519	123.155	2.506	27.869	0.381	32.906	
11/05/2025 13:30	11.499	7.519	152.225	2.512	27.929	0.382	32.906	
11/05/2025 13:35	11.476	7.514	185.835	2.571	28.271	0.384	32.906	
11/05/2025 13:40	11.463	7.514	216.678	2.521	27.983	0.383	32.905	
11/05/2025 13:45	11.492	7.512	250.971	2.523	27.935	0.384	32.834	
11/05/2025 13:50	11.548	7.511	276.210	2.530	27.947	0.384	32.806	
11/05/2025 13:55	11.532	7.509	276.198	2.773	29.429	0.387	32.753	
11/05/2025 14:00	11.535	7.503	276.220	2.836	29.837	0.387	32.706	
11/05/2025 14:05	11.541	7.501	276.222	2.929	30.401	0.389	32.706	
11/05/2025 14:10	11.571	7.501	276.270	2.938	30.437	0.388	32.706	
11/05/2025 14:15	11.561	7.503	276.274	3.081	31.283	0.384	32.705	
11/05/2025 14:20	11.525	7.505	276.292	3.146	31.751	0.381	32.655	
11/05/2025 14:25	11.574	7.499	125.187	3.417	33.402	0.383	32.605	
11/05/2025 14:30	11.558	7.501	149.514	3.422	33.420	0.382	32.605	
11/05/2025 14:35	11.623	7.498	5.540	3.828	35.928	0.390	32.506	
11/05/2025 14:40	11.633	7.497	179.946	3.858	36.126	0.385	32.506	
11/05/2025 14:45	11.617	7.495	5.548	4.145	37.897	0.384	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/05/2025 14:50	11.604	7.502	5.548	4.174	38.017	0.382	32.506	
11/05/2025 14:55	11.637	7.507	5.551	4.169	38.047	0.381	32.506	
11/05/2025 15:00	11.633	7.501	5.567	4.486	39.901	0.383	32.406	
11/05/2025 15:05	11.623	7.511	5.561	4.377	39.241	0.383	32.427	
11/05/2025 15:10	11.627	7.507	5.567	4.421	39.553	0.381	32.406	
11/05/2025 15:15	11.610	7.555	5.564	3.503	34.014	0.384	32.705	
11/05/2025 15:20	11.679	7.567	5.566	3.718	35.364	0.389	32.707	
11/05/2025 15:25	11.682	7.550	5.573	3.782	35.802	0.393	32.706	
11/05/2025 15:30	11.676	7.527	5.576	3.749	35.562	0.391	32.706	
11/05/2025 15:35	11.745	7.507	176.559	3.200	32.262	0.393	32.706	
11/05/2025 15:40	105.530	7.495	123.018	2.930	30.635	0.385	32.706	
11/05/2025 15:45	86.849	7.488	127.158	2.902	30.431	0.381	32.706	
11/05/2025 15:50	93.844	7.484	102.207	2.895	30.449	0.379	32.706	
11/05/2025 15:55	93.480	7.480	276.651	2.838	30.089	0.381	32.706	
11/05/2025 16:00	88.844	7.478	276.640	2.803	29.753	0.378	32.706	
11/05/2025 16:05	107.154	7.477	276.648	2.768	29.699	0.380	32.706	
11/05/2025 16:10	82.184	7.475	276.664	2.732	29.351	0.384	32.706	
11/05/2025 16:15	89.060	7.475	276.679	2.733	29.387	0.384	32.706	
11/05/2025 16:20	87.344	7.475	276.702	2.727	29.357	0.384	32.706	
11/05/2025 16:25	161.815	7.472	276.700	2.741	29.477	0.379	32.705	
11/05/2025 16:30	86.068	7.474	260.608	2.734	29.477	0.380	32.705	
11/05/2025 16:35	89.667	7.474	231.055	2.734	29.507	0.381	32.705	
11/05/2025 16:40	117.377	7.477	202.813	2.806	29.945	0.382	32.705	
11/05/2025 16:45	85.087	7.477	174.055	2.742	29.513	0.382	32.705	
11/05/2025 16:50	11.764	7.481	142.094	2.735	29.441	0.379	32.704	
11/05/2025 16:55	11.751	7.481	176.252	2.728	29.429	0.381	32.705	
11/05/2025 17:00	11.781	7.480	176.669	2.737	29.555	0.382	32.704	
11/05/2025 17:05	11.742	7.483	181.725	2.736	29.489	0.379	32.701	
11/05/2025 17:10	11.771	7.484	49.893	2.857	30.233	0.381	32.680	
11/05/2025 17:15	11.804	7.484	37.591	2.787	29.813	0.380	32.669	
11/05/2025 17:20	11.755	7.484	186.715	2.774	29.825	0.379	32.673	
11/05/2025 17:25	11.768	7.489	221.587	2.768	29.735	0.382	32.677	
11/05/2025 17:30	11.784	7.490	197.844	2.782	29.819	0.379	32.672	
11/05/2025 17:35	11.807	7.490	230.627	2.796	29.915	0.383	32.664	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/05/2025 17:40	11.827	7.492	176.100	2.799	29.951	0.383	32.654	
11/05/2025 17:45	11.843	7.495	132.085	2.775	29.855	0.381	32.621	
11/05/2025 17:50	11.827	7.499	241.284	2.793	29.879	0.381	32.619	
11/05/2025 17:55	11.797	7.498	184.860	2.791	29.831	0.383	32.617	
11/05/2025 18:00	11.814	7.500	186.718	2.813	30.059	0.382	32.613	
11/05/2025 18:05	11.850	7.503	180.513	2.799	29.975	0.381	32.608	
11/05/2025 18:10	11.810	7.505	202.744	2.814	30.011	0.381	32.607	
11/05/2025 18:15	11.853	7.506	223.332	2.865	30.293	0.382	32.606	
11/05/2025 18:20	11.850	7.510	217.670	2.835	30.197	0.381	32.606	
11/05/2025 18:25	11.807	7.514	8.684	2.812	30.119	0.384	32.606	
11/05/2025 18:30	11.807	7.513	8.678	2.826	30.143	0.381	32.606	
11/05/2025 18:35	11.824	7.516	8.763	2.827	30.179	0.384	32.606	
11/05/2025 18:40	11.824	7.524	47.622	2.803	30.065	0.383	32.606	
11/05/2025 18:45	11.856	7.523	144.891	2.859	30.353	0.384	32.606	
11/05/2025 18:50	11.856	7.524	153.281	2.817	30.143	0.383	32.606	
11/05/2025 18:55	11.869	7.529	174.299	2.817	30.131	0.381	32.606	
11/05/2025 19:00	11.840	7.530	8.445	2.831	30.215	0.382	32.606	
11/05/2025 19:05	11.850	7.532	8.438	2.845	30.287	0.378	32.606	
11/05/2025 19:10	11.827	7.535	102.339	2.855	30.383	0.379	32.606	
11/05/2025 19:15	11.876	7.622	228.982	4.004	37.207	0.384	32.509	
11/05/2025 19:20	11.830	7.691	188.201	3.916	36.678	0.378	32.506	
11/05/2025 19:25	11.886	7.680	161.217	3.791	35.922	0.378	32.506	
11/05/2025 19:30	11.889	7.651	170.428	3.596	34.746	0.379	32.506	
11/05/2025 19:35	11.892	7.638	145.062	3.553	34.554	0.375	32.506	
11/05/2025 19:40	142.898	7.629	143.492	3.511	34.194	0.377	32.506	
11/05/2025 19:45	122.233	7.624	149.601	3.026	31.355	0.376	32.506	
11/05/2025 19:50	113.315	7.620	135.184	2.991	31.133	0.377	32.506	
11/05/2025 19:55	135.543	7.614	129.519	3.004	31.247	0.376	32.506	
11/05/2025 20:00	107.928	7.613	128.757	3.090	31.787	0.380	32.506	
11/05/2025 20:05	106.944	7.609	133.525	3.072	31.577	0.378	32.506	
11/05/2025 20:10	112.492	7.603	133.094	3.056	31.577	0.379	32.506	
11/05/2025 20:15	117.843	7.600	132.440	3.006	31.259	0.377	32.506	
11/05/2025 20:20	108.017	7.598	133.658	2.862	30.401	0.379	32.506	
11/05/2025 20:25	136.514	7.595	136.240	2.871	30.389	0.376	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/05/2025 20:30	100.855	7.596	134.314	2.884	30.533	0.377	32.506	
11/05/2025 20:35	11.899	7.595	132.683	2.878	30.539	0.376	32.506	
11/05/2025 20:40	11.827	7.593	135.232	2.866	30.419	0.376	32.506	
11/05/2025 20:45	11.919	7.594	133.549	2.863	30.443	0.376	32.506	
11/05/2025 20:50	11.879	7.592	124.319	2.799	29.993	0.376	32.506	
11/05/2025 20:55	11.902	7.593	128.170	2.865	30.437	0.377	32.506	
11/05/2025 21:00	11.942	7.594	122.508	2.896	30.617	0.378	32.506	
11/05/2025 21:05	11.935	7.597	117.785	2.916	30.767	0.376	32.506	
11/05/2025 21:10	11.922	7.597	115.675	2.917	30.743	0.369	32.506	
11/05/2025 21:15	11.952	7.597	115.627	2.916	30.761	0.377	32.506	
11/05/2025 21:20	11.922	7.596	107.596	3.017	31.421	0.375	32.506	
11/05/2025 21:25	11.919	7.598	116.038	2.968	31.091	0.373	32.506	
11/05/2025 21:30	11.922	7.602	115.246	2.940	30.965	0.376	32.506	
11/05/2025 21:35	11.906	7.603	112.660	2.940	30.929	0.369	32.506	
11/05/2025 21:40	11.869	7.603	111.556	2.942	30.923	0.375	32.506	
11/05/2025 21:45	11.899	7.605	7.619	2.926	30.869	0.375	32.506	
11/05/2025 21:50	11.938	7.605	63.578	2.912	30.725	0.376	32.506	
11/05/2025 21:55	11.942	7.605	9.225	2.934	30.977	0.374	32.506	
11/05/2025 22:00	11.961	7.606	277.069	2.962	31.001	0.377	32.506	
11/05/2025 22:05	11.938	7.607	277.084	2.962	30.977	0.377	32.506	
11/05/2025 22:10	11.961	7.607	128.289	2.946	30.923	0.377	32.506	
11/05/2025 22:15	11.919	7.612	7.622	2.940	30.965	0.375	32.506	
11/05/2025 22:20	11.955	7.613	7.562	3.133	32.142	0.381	32.506	
11/05/2025 22:25	11.919	7.613	7.518	3.034	31.493	0.373	32.506	
11/05/2025 22:30	11.942	7.613	7.547	3.007	31.433	0.380	32.506	
11/05/2025 22:35	11.932	7.617	277.087	3.000	31.259	0.378	32.506	
11/05/2025 22:40	11.961	7.619	229.928	3.000	31.235	0.374	32.506	
11/05/2025 22:45	11.912	7.621	7.556	3.012	31.391	0.383	32.506	
11/05/2025 22:50	11.945	7.618	7.716	3.176	32.358	0.366	32.506	
11/05/2025 22:55	11.955	7.618	7.499	3.062	31.709	0.374	32.505	
11/05/2025 23:00	11.922	7.618	7.520	2.990	31.289	0.380	32.503	
11/05/2025 23:05	11.942	7.619	7.467	3.012	31.385	0.372	32.500	
11/05/2025 23:10	11.932	7.621	75.610	3.041	31.499	0.376	32.473	
11/05/2025 23:15	11.961	7.705	233.510	4.650	41.203	0.381	32.356	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/05/2025 23:20	11.886	7.761	190.966	4.905	42.680	0.380	32.318	
11/05/2025 23:25	11.945	7.738	160.934	4.690	41.425	0.378	32.308	
11/05/2025 23:30	11.961	7.721	242.364	4.392	39.583	0.376	32.308	
11/05/2025 23:35	11.961	7.685	277.110	3.798	36.054	0.375	32.309	
11/05/2025 23:40	191.316	7.670	277.116	3.770	35.814	0.379	32.307	
11/05/2025 23:45	97.482	7.654	277.105	3.978	37.080	0.374	32.306	
11/05/2025 23:50	145.051	7.645	205.191	4.021	37.327	0.372	32.302	
11/05/2025 23:55	98.411	7.635	277.113	3.556	34.524	0.362	32.306	
11/06/2025 0:00	109.126	7.632	277.119	3.642	35.052	0.368	32.306	
11/06/2025 0:05	119.805	7.627	277.114	3.510	34.314	0.365	32.306	
11/06/2025 0:10	112.554	7.624	94.162	3.456	34.050	0.371	32.306	
11/06/2025 0:15	132.738	7.621	269.949	3.493	34.236	0.372	32.306	
11/06/2025 0:20	99.693	7.621	277.131	3.542	34.440	0.367	32.306	
11/06/2025 0:25	128.663	7.616	277.171	3.272	32.946	0.372	32.306	
11/06/2025 0:30	106.186	7.615	38.854	3.129	32.088	0.373	32.306	
11/06/2025 0:35	121.701	7.616	49.742	3.352	33.450	0.374	32.306	
11/06/2025 0:40	105.064	7.615	72.118	3.131	32.076	0.373	32.306	
11/06/2025 0:45	98.338	7.616	94.639	3.141	32.142	0.367	32.306	
11/06/2025 0:50	11.988	7.611	116.852	3.159	32.304	0.372	32.306	
11/06/2025 0:55	12.007	7.613	141.426	3.404	33.780	0.374	32.305	
11/06/2025 1:00	11.935	7.614	165.990	3.198	32.496	0.375	32.280	
11/06/2025 1:05	11.974	7.617	192.824	3.174	32.400	0.372	32.261	
11/06/2025 1:10	11.994	7.617	215.115	3.211	32.598	0.371	32.247	
11/06/2025 1:15	12.060	7.617	238.341	3.233	32.724	0.372	32.231	
11/06/2025 1:20	12.017	7.618	265.462	3.197	32.472	0.375	32.215	
11/06/2025 1:25	12.024	7.617	277.207	2.968	31.079	0.371	32.208	
11/06/2025 1:30	12.014	7.618	277.206	2.861	30.437	0.373	32.206	
11/06/2025 1:35	11.997	7.622	277.191	2.898	30.647	0.374	32.206	
11/06/2025 1:40	12.007	7.622	277.180	2.918	30.743	0.377	32.206	
11/06/2025 1:45	12.020	7.622	277.188	2.910	30.755	0.376	32.206	
11/06/2025 1:50	11.958	7.624	277.195	2.918	30.755	0.372	32.206	
11/06/2025 1:55	12.030	7.624	277.201	2.934	30.875	0.374	32.206	
11/06/2025 2:00	11.997	7.624	104.265	2.938	31.001	0.373	32.206	
11/06/2025 2:05	12.014	7.625	131.683	2.954	31.001	0.370	32.205	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/06/2025 2:10	12.001	7.631	150.336	2.984	31.253	0.387	32.197	
11/06/2025 2:15	12.007	7.630	169.625	2.998	31.343	0.369	32.173	
11/06/2025 2:20	12.001	7.631	185.607	2.991	31.241	0.373	32.160	
11/06/2025 2:25	12.040	7.631	198.569	3.013	31.325	0.373	32.157	
11/06/2025 2:30	12.007	7.630	5.707	3.118	32.046	0.377	32.153	
11/06/2025 2:35	12.034	7.634	5.710	3.033	31.613	0.370	32.151	
11/06/2025 2:40	11.997	7.634	5.711	3.026	31.499	0.371	32.130	
11/06/2025 2:45	11.955	7.634	5.707	3.027	31.535	0.373	32.116	
11/06/2025 2:50	12.020	7.636	5.714	3.027	31.505	0.372	32.108	
11/06/2025 2:55	12.004	7.637	202.797	3.022	31.463	0.373	32.106	
11/06/2025 3:00	12.047	7.642	192.232	2.872	30.503	0.373	32.106	
11/06/2025 3:05	12.004	7.642	182.451	2.979	31.277	0.376	32.106	
11/06/2025 3:10	12.017	7.640	177.831	3.029	31.505	0.372	32.106	
11/06/2025 3:15	11.978	7.647	5.719	3.872	36.576	0.373	32.110	
11/06/2025 3:20	11.948	7.644	5.732	4.341	39.445	0.369	32.106	
11/06/2025 3:25	12.043	7.646	5.717	4.437	40.063	0.374	32.107	
11/06/2025 3:30	12.070	7.642	277.279	4.252	38.869	0.378	32.128	
11/06/2025 3:35	12.056	7.636	277.261	4.609	40.993	0.373	32.151	
11/06/2025 3:40	141.291	7.635	277.273	4.559	40.663	0.372	32.152	
11/06/2025 3:45	102.938	7.632	277.263	4.422	39.811	0.386	32.148	
11/06/2025 3:50	98.168	7.632	277.279	4.072	37.777	0.378	32.143	
11/06/2025 3:55	100.848	7.632	277.266	3.651	35.202	0.383	32.138	
11/06/2025 4:00	102.042	7.635	255.377	3.278	32.946	0.375	32.128	
11/06/2025 4:05	142.508	7.633	225.334	3.487	34.254	0.382	32.112	
11/06/2025 4:10	135.845	7.637	196.362	3.395	33.750	0.393	32.113	
11/06/2025 4:15	111.590	7.634	163.975	3.372	33.624	0.377	32.112	
11/06/2025 4:20	109.506	7.637	129.387	3.394	33.768	0.373	32.111	
11/06/2025 4:25	114.782	7.636	98.866	3.394	33.780	0.375	32.113	
11/06/2025 4:30	112.013	7.640	67.385	3.402	33.792	0.381	32.117	
11/06/2025 4:35	12.027	7.638	40.072	3.578	34.854	0.374	32.108	
11/06/2025 4:40	12.001	7.640	18.069	3.488	34.332	0.376	32.108	
11/06/2025 4:45	12.001	7.642	8.789	3.494	34.344	0.374	32.110	
11/06/2025 4:50	12.011	7.644	8.402	3.501	34.464	0.371	32.109	
11/06/2025 4:55	11.991	7.644	8.301	3.523	34.554	0.376	32.111	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/06/2025 5:00	12.040	7.646	8.414	3.580	34.872	0.374	32.109	
11/06/2025 5:05	12.024	7.648	8.286	3.680	35.526	0.369	32.106	
11/06/2025 5:10	12.017	7.648	8.432	3.565	34.758	0.376	32.106	
11/06/2025 5:15	11.994	7.650	8.454	3.536	34.626	0.380	32.106	
11/06/2025 5:20	12.050	7.650	8.292	3.496	34.452	0.375	32.106	
11/06/2025 5:25	12.030	7.653	8.234	3.508	34.440	0.376	32.106	
11/06/2025 5:30	12.024	7.655	8.174	3.537	34.656	0.376	32.106	
11/06/2025 5:35	12.020	7.657	7.913	3.357	33.594	0.378	32.106	
11/06/2025 5:40	12.043	7.658	8.190	3.488	34.332	0.377	32.106	
11/06/2025 5:45	11.988	7.662	7.983	3.543	34.644	0.378	32.106	
11/06/2025 5:50	11.988	7.664	7.944	3.602	34.980	0.376	32.106	
11/06/2025 5:55	12.034	7.664	7.980	3.615	35.112	0.379	32.106	
11/06/2025 6:00	12.007	7.664	8.118	3.644	35.292	0.381	32.106	
11/06/2025 6:05	12.017	7.669	7.902	4.172	38.401	0.386	32.106	
11/06/2025 6:10	12.027	7.672	7.791	3.701	35.628	0.380	32.106	
11/06/2025 6:15	12.007	7.671	7.784	3.652	35.298	0.378	32.106	
11/06/2025 6:20	12.004	7.673	7.784	3.636	35.190	0.382	32.106	
11/06/2025 6:25	11.965	7.673	7.715	3.630	35.166	0.381	32.106	
11/06/2025 6:30	12.034	7.675	7.817	3.658	35.394	0.396	32.106	
11/06/2025 6:35	11.984	7.675	8.066	3.650	35.280	0.375	32.106	
11/06/2025 6:40	11.938	7.676	7.805	3.580	34.860	0.378	32.106	
11/06/2025 6:45	11.961	7.675	7.685	3.606	35.052	0.376	32.106	
11/06/2025 6:50	12.024	7.674	7.728	3.613	35.076	0.381	32.106	
11/06/2025 6:55	11.988	7.676	7.866	3.643	35.268	0.375	32.106	
11/06/2025 7:00	12.034	7.680	7.791	3.656	35.280	0.377	32.106	
11/06/2025 7:05	12.011	7.681	7.805	3.670	35.370	0.377	32.106	
11/06/2025 7:10	12.037	7.681	73.885	3.820	36.306	0.380	32.106	
11/06/2025 7:15	12.017	7.759	239.527	5.437	45.932	0.380	32.042	
11/06/2025 7:20	12.034	7.796	181.479	5.549	46.646	0.378	32.007	
11/06/2025 7:25	11.988	7.814	164.107	5.111	43.952	0.379	32.007	
11/06/2025 7:30	11.984	7.788	135.229	5.325	45.290	0.386	32.006	
11/06/2025 7:35	11.961	7.752	17.844	4.826	42.271	0.372	32.002	
11/06/2025 7:40	129.286	7.736	11.534	4.590	40.855	0.375	31.991	
11/06/2025 7:45	141.379	7.728	10.037	5.194	44.504	0.370	31.990	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/06/2025 7:50	96.695	7.718	9.636	4.387	39.685	0.373	31.992	
11/06/2025 7:55	92.282	7.708	9.131	4.686	41.491	0.369	31.996	
11/06/2025 8:00	111.199	7.699	8.711	4.351	39.445	0.373	32.001	
11/06/2025 8:05	87.276	7.696	8.528	4.395	39.697	0.382	32.004	
11/06/2025 8:10	91.370	7.695	8.348	3.878	36.552	0.370	32.002	
11/06/2025 8:15	93.240	7.688	8.292	3.942	36.954	0.380	32.003	
11/06/2025 8:20	95.018	7.686	8.315	4.013	37.375	0.374	32.006	
11/06/2025 8:25	117.475	7.680	8.073	3.984	37.159	0.372	32.006	
11/06/2025 8:30	97.810	7.675	7.982	3.990	37.249	0.372	32.007	
11/06/2025 8:35	113.269	7.675	7.877	3.958	37.021	0.364	32.007	
11/06/2025 8:40	173.187	7.676	7.703	4.117	37.981	0.378	32.007	
11/06/2025 8:45	112.525	7.673	7.628	4.052	37.507	0.368	32.007	
11/06/2025 8:50	11.883	7.673	7.613	4.035	37.417	0.368	32.007	
11/06/2025 8:55	11.896	7.673	7.670	4.026	37.417	0.371	32.007	
11/06/2025 9:00	11.879	7.672	7.643	4.012	37.321	0.371	32.007	
11/06/2025 9:05	11.886	7.671	7.580	4.026	37.405	0.375	32.007	
11/06/2025 9:10	11.876	7.671	7.532	3.727	35.568	0.374	32.007	
11/06/2025 9:15	11.869	7.670	7.338	3.873	36.510	0.371	32.007	
11/06/2025 9:20	11.801	7.668	7.416	3.858	36.378	0.377	32.007	
11/06/2025 9:25	11.843	7.669	7.218	4.001	37.249	0.374	32.007	
11/06/2025 9:30	11.840	7.670	7.395	3.715	35.514	0.369	32.007	
11/06/2025 9:35	11.830	7.670	7.172	3.586	34.770	0.372	32.007	
11/06/2025 9:40	11.771	7.671	7.223	3.542	34.488	0.372	32.007	
11/06/2025 9:45	11.774	7.669	7.161	3.301	33.024	0.372	32.007	
11/06/2025 9:50	11.850	7.669	7.304	3.386	33.516	0.379	32.007	
11/06/2025 9:55	11.817	7.666	7.182	3.442	33.876	0.376	32.007	
11/06/2025 10:00	11.794	7.668	7.167	3.476	34.098	0.383	32.007	
11/06/2025 10:05	11.804	7.668	7.114	3.473	34.056	0.377	32.009	
11/06/2025 10:10	11.817	7.666	6.989	3.481	34.038	0.373	32.008	
11/06/2025 10:15	11.794	7.667	6.913	3.368	33.420	0.381	32.007	
11/06/2025 10:20	11.784	7.668	7.070	3.408	33.612	0.376	32.007	
11/06/2025 10:25	11.797	7.669	6.998	3.447	33.828	0.377	32.007	
11/06/2025 10:30	11.814	7.672	7.082	3.466	33.990	0.376	32.009	
11/06/2025 10:35	11.774	7.673	7.078	3.148	32.016	0.374	32.007	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/06/2025 10:40	11.758	7.672	7.091	3.553	34.494	0.378	32.007	
11/06/2025 10:45	11.751	7.670	6.985	3.751	35.622	0.377	32.007	
11/06/2025 10:50	11.761	7.670	7.009	3.575	34.578	0.378	32.007	
11/06/2025 10:55	11.801	7.670	7.139	3.623	34.896	0.377	32.007	
11/06/2025 11:00	11.732	7.671	7.057	3.537	34.362	0.381	32.007	
11/06/2025 11:05	11.778	7.674	7.212	3.501	34.158	0.379	32.007	
11/06/2025 11:10	11.817	7.675	69.463	3.488	34.032	0.376	32.007	
11/06/2025 11:15	11.771	7.723	216.213	4.845	42.199	0.383	31.972	
11/06/2025 11:20	11.784	7.794	176.004	5.042	43.430	0.376	31.908	
11/06/2025 11:25	11.814	7.779	157.044	6.162	50.133	0.375	31.928	
11/06/2025 11:30	11.771	7.742	16.516	5.006	43.208	0.373	31.956	
11/06/2025 11:35	11.794	7.726	10.803	5.442	45.794	0.371	31.958	
11/06/2025 11:40	117.443	7.717	9.575	3.924	36.684	0.371	31.957	
11/06/2025 11:45	114.752	7.706	9.159	3.974	37.002	0.372	31.957	
11/06/2025 11:50	125.494	7.695	8.618	3.860	36.276	0.368	31.953	
11/06/2025 11:55	226.982	7.692	8.372	3.703	35.436	0.354	31.958	
11/06/2025 12:00	114.687	7.685	8.172	3.610	34.818	0.351	31.964	
11/06/2025 12:05	117.000	7.686	7.895	3.330	33.174	0.364	31.968	
11/06/2025 12:10	148.712	7.681	7.842	3.388	33.516	0.368	31.985	
11/06/2025 12:15	110.947	7.677	7.664	3.352	33.270	0.367	31.984	
11/06/2025 12:20	119.700	7.675	7.710	3.580	34.590	0.367	31.978	
11/06/2025 12:25	110.261	7.672	7.553	3.514	34.230	0.368	31.992	
11/06/2025 12:30	135.838	7.671	7.626	3.662	35.136	0.368	32.001	
11/06/2025 12:35	11.764	7.672	7.664	3.680	35.190	0.367	32.004	
11/06/2025 12:40	11.768	7.670	7.598	3.719	35.484	0.370	32.000	
11/06/2025 12:45	11.791	7.668	7.368	3.805	36.048	0.371	32.001	
11/06/2025 12:50	11.735	7.671	7.319	3.329	33.150	0.372	32.001	
11/06/2025 12:55	11.797	7.666	7.364	3.326	33.156	0.369	32.004	
11/06/2025 13:00	11.791	7.666	7.302	3.449	33.792	0.376	32.005	
11/06/2025 13:05	11.732	7.668	7.190	3.426	33.660	0.368	32.004	
11/06/2025 13:10	11.653	7.668	7.054	3.449	33.744	0.370	32.006	
11/06/2025 13:15	11.761	7.667	7.124	3.655	35.052	0.370	32.005	
11/06/2025 13:20	11.679	7.668	7.060	3.649	35.034	0.367	32.006	
11/06/2025 13:25	11.787	7.671	7.087	3.270	32.700	0.368	32.006	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/06/2025 13:30	11.709	7.676	7.148	3.292	32.934	0.371	32.004	
11/06/2025 13:35	11.771	7.675	7.170	3.335	33.126	0.370	32.006	
11/06/2025 13:40	11.745	7.674	7.087	3.356	33.234	0.366	32.006	
11/06/2025 13:45	11.794	7.676	7.097	3.314	33.048	0.368	32.006	
11/06/2025 13:50	11.748	7.677	13.250	3.064	31.541	0.368	32.003	
11/06/2025 13:55	11.771	7.676	32.959	3.200	32.394	0.365	31.962	
11/06/2025 14:00	11.761	7.676	55.489	3.253	32.580	0.367	31.960	
11/06/2025 14:05	11.791	7.683	81.767	3.272	32.724	0.369	31.954	
11/06/2025 14:10	11.794	7.681	109.408	3.287	32.904	0.365	31.908	
11/06/2025 14:15	11.791	7.684	143.246	3.300	32.898	0.368	31.907	
11/06/2025 14:20	11.787	7.684	178.991	3.244	32.568	0.364	31.907	
11/06/2025 14:25	11.787	7.684	218.378	3.258	32.670	0.367	31.907	
11/06/2025 14:30	11.787	7.685	254.442	3.507	34.152	0.367	31.907	
11/06/2025 14:35	11.814	7.685	276.765	3.514	34.146	0.369	31.907	
11/06/2025 14:40	11.810	7.685	276.772	4.018	37.117	0.370	31.808	
11/06/2025 14:45	11.797	7.683	276.757	4.287	38.845	0.371	31.730	
11/06/2025 14:50	11.820	7.678	276.766	4.763	41.683	0.363	31.708	
11/06/2025 14:55	11.814	7.692	276.805	4.915	42.626	0.366	31.708	
11/06/2025 15:00	11.810	7.694	135.569	4.805	41.899	0.365	31.708	
11/06/2025 15:05	11.810	7.697	163.960	5.956	48.861	0.362	31.708	
11/06/2025 15:10	11.807	7.698	5.621	5.568	46.640	0.360	31.705	
11/06/2025 15:15	11.774	7.697	5.617	5.320	45.158	0.361	31.589	
11/06/2025 15:20	11.801	7.694	5.617	5.221	44.510	0.357	31.509	
11/06/2025 15:25	11.797	7.684	5.617	5.101	43.748	0.363	31.410	
11/06/2025 15:30	11.810	7.678	5.617	5.200	44.288	0.359	31.312	
11/06/2025 15:35	11.817	7.674	91.900	5.152	44.108	0.363	31.310	
11/06/2025 15:40	11.807	7.669	5.623	5.066	43.580	0.357	31.120	
11/06/2025 15:45	11.794	7.669	5.629	5.367	45.410	0.364	31.093	
11/06/2025 15:50	11.791	7.666	5.627	5.203	44.468	0.364	30.963	
11/06/2025 15:55	11.814	7.665	5.629	5.381	45.524	0.363	30.914	
11/06/2025 16:00	11.814	7.669	5.630	5.382	45.524	0.363	30.819	
11/06/2025 16:05	11.807	7.665	5.636	5.339	45.224	0.357	30.716	
11/06/2025 16:10	11.850	7.659	5.635	5.369	45.440	0.354	30.618	
11/06/2025 16:15	11.817	7.658	5.633	5.154	44.156	0.351	30.519	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/06/2025 16:20	11.824	7.662	5.639	5.279	44.816	0.350	30.500	
11/06/2025 16:25	11.833	7.663	102.105	5.129	43.976	0.353	30.321	
11/06/2025 16:30	11.804	7.661	86.616	5.265	44.792	0.359	30.292	
11/06/2025 16:35	11.856	7.664	147.210	5.193	44.366	0.362	30.142	
11/06/2025 16:40	11.879	7.663	120.419	5.238	44.636	0.349	30.123	
11/06/2025 16:45	11.886	7.664	276.931	5.209	44.468	0.348	30.027	
11/06/2025 16:50	11.925	7.663	276.928	5.051	43.448	0.383	29.926	
11/06/2025 16:55	11.853	7.662	276.954	5.052	43.466	0.341	29.828	
11/06/2025 17:00	11.866	7.657	276.946	5.026	43.298	0.329	29.745	
11/06/2025 17:05	11.883	7.658	276.975	4.961	42.986	0.346	29.729	
11/06/2025 17:10	11.869	7.659	276.967	5.203	44.390	0.358	29.583	
11/06/2025 17:15	11.902	7.659	276.978	4.958	42.878	0.367	29.532	
11/06/2025 17:20	11.896	7.659	258.360	4.704	41.383	0.335	29.432	
11/06/2025 17:25	11.919	7.662	236.771	4.566	40.585	0.347	29.335	
11/06/2025 17:30	11.883	7.666	211.868	4.618	40.921	0.340	29.335	
11/06/2025 17:35	11.945	7.661	190.915	4.572	40.687	0.335	29.186	
11/06/2025 17:40	11.866	7.665	166.843	4.558	40.597	0.346	29.134	
11/06/2025 17:45	11.919	7.666	141.249	4.495	40.183	0.332	29.039	
11/06/2025 17:50	11.906	7.663	117.694	4.523	40.411	0.326	28.942	
11/06/2025 17:55	11.879	7.663	94.083	4.479	40.105	0.340	28.845	
11/06/2025 18:00	11.853	7.668	71.631	4.357	39.385	0.340	28.745	
11/06/2025 18:05	11.958	7.665	49.470	4.338	39.271	0.325	28.740	
11/06/2025 18:10	11.906	7.670	29.769	4.326	39.211	0.335	28.632	
11/06/2025 18:15	11.922	7.670	14.247	4.326	39.307	0.332	28.549	
11/06/2025 18:20	11.915	7.672	8.726	4.312	39.217	0.333	28.549	
11/06/2025 18:25	11.919	7.672	8.460	4.304	39.097	0.333	28.400	
11/06/2025 18:30	11.909	7.672	8.474	4.264	38.899	0.336	28.353	
11/06/2025 18:35	11.942	7.674	8.250	4.264	38.893	0.326	28.255	
11/06/2025 18:40	11.902	7.673	8.288	4.292	39.121	0.334	28.157	
11/06/2025 18:45	11.932	7.678	8.132	4.277	39.001	0.330	28.157	
11/06/2025 18:50	11.948	7.679	8.142	4.264	38.947	0.335	28.008	
11/06/2025 18:55	11.929	7.678	8.060	4.241	38.797	0.329	27.961	
11/06/2025 19:00	11.925	7.682	7.986	4.240	38.791	0.328	27.863	
11/06/2025 19:05	11.968	7.681	7.925	4.233	38.677	0.333	27.807	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/06/2025 19:15	11.945	7.684	8.010	4.241	38.815	0.325	27.765	
11/06/2025 19:20	11.935	7.686	7.941	4.235	38.683	0.330	27.618	
11/06/2025 19:25	11.955	7.688	7.913	4.242	38.815	0.331	27.569	
11/06/2025 19:30	11.925	7.691	7.848	4.228	38.713	0.335	27.480	
11/06/2025 19:35	11.958	7.694	7.740	4.224	38.611	0.325	27.424	
11/06/2025 19:40	11.932	7.699	7.878	4.215	38.623	0.321	27.373	
11/06/2025 19:45	11.919	7.696	7.802	4.293	39.181	0.325	27.327	
11/06/2025 19:50	11.909	7.698	7.829	4.254	38.815	0.299	27.205	
11/06/2025 19:55	11.984	7.700	7.748	4.251	38.845	0.318	27.178	
11/06/2025 20:00	11.981	7.702	7.772	4.260	38.959	0.332	27.080	
11/06/2025 20:05	82.000	7.706	7.722	4.238	38.845	0.326	27.016	
11/06/2025 20:10	46.298	7.706	7.794	4.212	38.641	0.316	26.982	
11/06/2025 20:15	51.423	7.703	7.733	4.118	38.131	0.312	26.982	
11/06/2025 20:20	63.155	7.707	7.785	4.125	38.113	0.325	26.884	
11/06/2025 20:25	55.094	7.709	7.703	4.097	37.915	0.320	26.790	
11/06/2025 20:30	91.888	7.709	7.688	4.074	37.777	0.308	26.786	
11/06/2025 20:35	82.361	7.709	7.728	4.090	37.891	0.309	26.689	
11/06/2025 20:40	74.923	7.713	7.655	4.066	37.783	0.315	26.633	
11/06/2025 20:45	72.020	7.711	7.635	4.032	37.567	0.306	26.591	
11/06/2025 20:50	70.596	7.710	7.586	3.995	37.351	0.318	26.583	
11/06/2025 20:55	181.963	7.713	7.497	3.976	37.225	0.300	26.471	
11/06/2025 21:00	158.525	7.711	7.512	4.004	37.333	0.313	26.396	
11/06/2025 21:05	117.489	7.711	7.448	3.989	37.261	0.310	26.395	
11/06/2025 21:10	78.768	7.713	7.590	4.018	37.471	0.314	26.298	
11/06/2025 21:15	81.423	7.712	7.535	4.011	37.507	0.307	26.201	
11/06/2025 21:20	90.218	7.711	7.488	4.111	38.041	0.303	26.200	
11/06/2025 21:25	104.729	7.717	7.487	3.968	37.141	0.311	26.200	
11/06/2025 21:30	87.108	7.719	7.398	3.911	36.828	0.302	26.144	
11/06/2025 21:35	55.855	7.721	7.418	3.886	36.660	0.307	26.054	
11/06/2025 21:40	47.397	7.720	7.454	3.890	36.732	0.269	26.005	
11/06/2025 21:45	45.957	7.721	7.379	3.984	37.285	0.310	25.967	
11/06/2025 21:50	53.608	7.722	7.496	3.983	37.279	0.307	25.907	
11/06/2025 21:55	11.994	7.722	7.403	4.069	37.807	0.326	25.839	
11/06/2025 22:00	12.001	7.722	7.400	4.062	37.723	0.292	25.810	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/06/2025 22:05	12.004	7.722	7.397	4.064	37.729	0.315	25.809	
11/06/2025 22:10	12.024	7.722	7.425	4.028	37.531	0.290	25.702	
11/06/2025 22:15	12.056	7.723	7.514	4.020	37.507	0.308	25.615	
11/06/2025 22:20	11.961	7.723	7.392	4.005	37.423	0.276	25.615	
11/06/2025 22:25	12.053	7.725	7.449	4.014	37.555	0.306	25.519	
11/06/2025 22:30	12.027	7.729	7.379	3.979	37.357	0.345	25.516	
11/06/2025 22:35	11.991	7.730	7.328	3.978	37.207	0.308	25.419	
11/06/2025 22:40	11.991	7.731	7.350	3.978	37.303	0.295	25.419	
11/06/2025 22:45	12.004	7.736	7.347	3.964	37.213	0.312	25.419	
11/06/2025 22:50	12.063	7.739	7.304	3.979	37.327	0.317	25.338	
11/06/2025 22:55	12.030	7.739	7.371	3.957	37.092	0.298	25.273	
11/06/2025 23:00	12.027	7.741	7.343	3.951	37.111	0.294	25.224	
11/06/2025 23:05	12.017	7.742	7.491	3.944	37.134	0.306	25.222	
11/06/2025 23:10	12.030	7.743	7.370	3.873	36.684	0.289	25.127	
11/06/2025 23:15	12.066	7.745	7.334	7.598	58.991	0.313	25.084	
11/06/2025 23:20	12.040	7.749	7.391	3.802	36.276	0.262	25.029	
11/06/2025 23:25	12.047	7.752	7.347	3.781	36.072	0.312	25.029	
11/06/2025 23:30	12.030	7.751	7.332	3.788	36.174	0.289	24.995	
11/06/2025 23:35	12.030	7.756	7.343	3.810	36.276	0.302	24.895	
11/06/2025 23:40	11.997	7.756	7.293	3.952	37.152	0.282	24.834	
11/06/2025 23:45	12.073	7.757	118.036	3.947	37.002	0.281	24.834	
11/06/2025 23:50	12.073	7.756	210.787	3.947	36.972	0.298	24.735	
11/06/2025 23:55	11.971	7.758	185.025	3.940	36.990	0.266	24.735	
11/07/2025 0:00	12.027	7.758	62.120	3.941	37.021	0.289	24.639	
11/07/2025 0:05	12.001	7.757	14.419	3.924	36.954	0.285	24.639	
11/07/2025 0:10	12.056	7.759	10.845	3.934	37.050	0.291	24.639	
11/07/2025 0:15	82.039	7.763	9.789	3.919	36.930	0.290	24.638	
11/07/2025 0:20	72.371	7.758	9.105	3.926	36.966	0.286	24.535	
11/07/2025 0:25	67.876	7.763	8.682	3.906	36.876	0.298	24.454	
11/07/2025 0:30	65.862	7.763	8.495	3.898	36.846	0.289	24.444	
11/07/2025 0:35	75.967	7.769	8.307	3.876	36.726	0.290	24.417	
11/07/2025 0:40	69.667	7.766	8.192	3.893	36.750	0.290	24.346	
11/07/2025 0:45	67.771	7.769	8.114	3.885	36.750	0.290	24.298	
11/07/2025 0:50	73.171	7.773	7.919	3.864	36.636	0.293	24.249	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/07/2025 0:55	73.280	7.774	11.516	3.863	36.660	0.291	24.249	
11/07/2025 1:00	79.592	7.775	21.226	3.857	36.528	0.281	24.217	
11/07/2025 1:05	78.257	7.775	36.777	3.863	36.636	0.282	24.144	
11/07/2025 1:10	58.532	7.783	51.565	3.850	36.534	0.281	24.053	
11/07/2025 1:15	47.283	7.785	66.789	3.834	36.420	0.290	24.053	
11/07/2025 1:20	55.019	7.783	84.675	3.821	36.300	0.284	24.053	
11/07/2025 1:25	136.055	7.785	103.308	3.800	36.180	0.283	23.956	
11/07/2025 1:30	134.460	7.788	120.719	3.815	36.312	0.287	23.955	
11/07/2025 1:35	133.650	7.788	141.920	3.803	36.192	0.287	23.859	
11/07/2025 1:40	132.967	7.793	164.103	3.794	36.168	0.279	23.858	
11/07/2025 1:45	132.715	7.792	184.050	3.801	36.174	0.291	23.858	
11/07/2025 1:50	131.783	7.796	208.100	3.802	36.180	0.281	23.858	
11/07/2025 1:55	132.436	7.799	231.178	3.818	36.264	0.278	23.814	
11/07/2025 2:00	12.109	7.800	252.881	3.794	36.186	0.287	23.718	
11/07/2025 2:05	12.053	7.800	270.765	3.715	35.628	0.283	23.666	
11/07/2025 2:10	12.093	7.800	277.390	3.772	35.946	0.283	23.663	
11/07/2025 2:15	12.109	7.802	277.399	3.772	36.060	0.279	23.658	
11/07/2025 2:20	12.106	7.803	277.398	3.765	35.958	0.272	23.601	
11/07/2025 2:25	12.112	7.806	277.434	3.766	36.036	0.275	23.601	
11/07/2025 2:30	12.066	7.805	277.398	3.764	35.958	0.279	23.544	
11/07/2025 2:35	12.096	7.804	277.419	3.766	35.952	0.270	23.517	
11/07/2025 2:40	12.112	7.806	277.411	3.758	35.952	0.276	23.517	
11/07/2025 2:45	12.116	7.807	277.417	3.760	35.994	0.269	23.516	
11/07/2025 2:50	12.086	7.809	277.419	3.759	35.964	0.283	23.433	
11/07/2025 2:55	12.122	7.809	277.419	3.759	35.958	0.271	23.357	
11/07/2025 3:00	12.099	7.812	277.425	3.739	35.850	0.277	23.350	
11/07/2025 3:05	12.112	7.813	277.417	3.774	36.084	0.265	23.350	
11/07/2025 3:10	12.112	7.817	277.417	3.687	35.532	0.297	23.349	
11/07/2025 3:15	12.099	7.816	277.411	3.754	35.970	0.257	23.266	
11/07/2025 3:20	12.083	7.817	277.411	3.739	35.874	0.276	23.266	
11/07/2025 3:25	12.125	7.816	277.408	3.736	35.808	0.274	23.213	
11/07/2025 3:30	12.096	7.818	277.401	3.738	35.754	0.261	23.182	
11/07/2025 3:35	12.116	7.822	277.411	3.737	35.880	0.268	23.182	
11/07/2025 3:40	12.112	7.825	277.419	3.730	35.772	0.278	23.182	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/07/2025 3:45	11.988	7.825	5.771	3.717	35.748	0.265	23.182	
11/07/2025 3:50	12.093	7.830	5.746	3.717	35.826	0.256	23.182	
11/07/2025 3:55	12.093	7.827	5.743	3.723	35.832	0.269	23.103	
11/07/2025 4:00	12.050	7.832	5.744	3.701	35.634	0.267	23.060	
11/07/2025 4:05	12.089	7.833	5.743	3.702	35.610	0.263	23.028	
11/07/2025 4:10	12.093	7.834	189.766	3.680	35.448	0.283	23.014	
11/07/2025 4:15	140.950	7.838	176.091	3.704	35.502	0.265	23.014	
11/07/2025 4:20	143.092	7.838	166.791	3.701	35.550	0.274	23.013	
11/07/2025 4:25	142.744	7.840	144.562	3.703	35.676	0.271	22.937	
11/07/2025 4:30	142.419	7.841	120.273	3.708	35.676	0.276	22.930	
11/07/2025 4:35	142.603	7.841	95.281	3.696	35.586	0.270	22.929	
11/07/2025 4:40	142.311	7.845	70.002	3.702	35.676	0.251	22.887	
11/07/2025 4:45	141.688	7.848	51.496	3.695	35.580	0.262	22.846	
11/07/2025 4:50	140.976	7.849	33.403	3.695	35.598	0.266	22.846	
11/07/2025 4:55	140.120	7.849	15.520	3.694	35.604	0.262	22.846	
11/07/2025 5:00	140.100	7.849	8.874	3.680	35.496	0.274	22.846	
11/07/2025 5:05	138.646	7.851	8.729	3.651	35.394	0.264	22.843	
11/07/2025 5:10	138.200	7.850	8.535	3.645	35.394	0.263	22.763	
11/07/2025 5:15	137.590	7.851	8.435	3.644	35.274	0.256	22.756	
11/07/2025 5:20	136.238	7.853	8.517	3.637	35.280	0.281	22.698	
11/07/2025 5:25	136.169	7.854	8.376	3.672	35.472	0.275	22.678	
11/07/2025 5:30	135.385	7.859	8.295	3.681	35.502	0.262	22.678	
11/07/2025 5:35	136.537	7.857	8.382	3.687	35.580	0.265	22.678	
11/07/2025 5:40	136.032	7.857	8.334	3.681	35.490	0.246	22.678	
11/07/2025 5:45	135.293	7.858	8.255	3.666	35.502	0.275	22.675	
11/07/2025 5:50	134.900	7.857	8.160	3.658	35.388	0.278	22.595	
11/07/2025 5:55	134.395	7.857	8.105	3.652	35.388	0.269	22.595	
11/07/2025 6:00	133.673	7.857	8.015	3.586	34.962	0.259	22.594	
11/07/2025 6:05	227.031	7.858	8.060	3.523	34.620	0.254	22.560	
11/07/2025 6:10	233.481	7.862	7.916	3.594	35.046	0.246	22.517	
11/07/2025 6:15	231.300	7.860	7.986	3.615	35.172	0.258	22.511	
11/07/2025 6:20	12.076	7.858	7.928	3.585	34.956	0.261	22.511	
11/07/2025 6:25	12.079	7.857	7.940	3.614	35.172	0.265	22.511	
11/07/2025 6:30	12.106	7.865	7.964	3.657	35.388	0.257	22.511	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/07/2025 6:35	12.063	7.875	7.865	3.644	35.286	0.255	22.511	
11/07/2025 6:40	12.063	7.881	7.860	3.614	35.178	0.247	22.511	
11/07/2025 6:45	12.073	7.893	7.665	5.229	44.810	0.304	22.812	
11/07/2025 6:50	12.083	7.907	7.806	2.440	28.061	0.254	30.119	
11/07/2025 6:55	12.020	7.675	7.746	2.446	28.049	0.274	30.695	
11/07/2025 7:00	12.053	7.606	7.730	2.511	28.487	0.280	30.975	
11/07/2025 7:05	12.024	7.579	7.659	2.580	28.889	0.289	31.118	
11/07/2025 7:10	11.971	7.567	7.605	3.072	31.859	0.295	31.311	
11/07/2025 7:15	12.011	7.554	7.560	3.271	33.072	0.297	31.311	
11/07/2025 7:20	11.991	7.553	7.548	3.164	32.346	0.298	31.361	
11/07/2025 7:25	12.011	7.556	7.382	3.747	35.892	0.303	31.409	
11/07/2025 7:30	12.017	7.559	7.430	3.745	35.850	0.305	31.410	
11/07/2025 7:35	11.981	7.563	7.415	3.694	35.508	0.305	31.410	
11/07/2025 7:40	11.968	7.566	7.302	3.813	36.234	0.308	31.413	
11/07/2025 7:45	11.958	7.562	117.188	4.197	38.551	0.308	31.494	
11/07/2025 7:50	11.942	7.536	206.377	5.252	44.810	0.311	31.504	
11/07/2025 7:55	11.906	7.534	177.827	5.752	47.787	0.314	31.509	
11/07/2025 8:00	11.892	7.528	68.819	6.303	51.093	0.308	31.509	
11/07/2025 8:05	11.850	7.539	14.445	6.802	54.076	0.310	31.520	
11/07/2025 8:10	11.876	7.550	10.590	7.722	59.603	0.311	31.541	
11/07/2025 8:15	64.592	7.556	9.410	7.948	60.863	0.311	31.555	
11/07/2025 8:20	59.474	7.562	8.927	3.072	31.655	0.312	31.555	
11/07/2025 8:25	58.293	7.564	8.367	3.090	31.715	0.310	31.559	
11/07/2025 8:30	64.536	7.572	8.255	2.881	30.413	0.314	31.566	
11/07/2025 8:35	72.906	7.582	8.234	2.850	30.251	0.314	31.591	
11/07/2025 8:40	63.614	7.580	7.862	2.940	30.737	0.316	31.587	
11/07/2025 8:45	60.668	7.583	7.674	2.655	29.027	0.315	31.608	
11/07/2025 8:50	65.796	7.589	7.509	2.480	27.905	0.314	31.609	
11/07/2025 8:55	69.307	7.592	7.368	2.433	27.665	0.310	31.609	
11/07/2025 9:00	64.198	7.597	7.166	2.431	27.617	0.313	31.611	
11/07/2025 9:05	61.541	7.601	7.082	2.423	27.563	0.314	31.659	
11/07/2025 9:10	59.097	7.601	7.031	2.402	27.461	0.313	31.706	
11/07/2025 9:15	58.024	7.608	7.148	2.403	27.431	0.317	31.708	
11/07/2025 9:20	54.546	7.611	7.079	2.444	27.581	0.317	31.708	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/07/2025 9:25	58.729	7.607	6.856	2.506	28.007	0.314	31.708	
11/07/2025 9:30	62.400	7.616	6.842	2.561	28.295	0.314	31.708	
11/07/2025 9:35	67.820	7.616	6.901	2.632	28.697	0.318	31.708	
11/07/2025 9:40	57.469	7.622	6.679	2.727	29.315	0.318	31.708	
11/07/2025 9:45	11.433	7.622	6.500	2.732	29.255	0.315	31.708	
11/07/2025 9:50	11.420	7.626	6.769	2.830	29.861	0.318	31.708	
11/07/2025 9:55	11.423	7.625	6.461	2.308	26.615	0.316	31.708	
11/07/2025 10:00	11.413	7.624	6.551	2.293	26.572	0.316	31.708	
11/07/2025 10:05	11.410	7.630	6.533	2.291	26.590	0.316	31.708	
11/07/2025 10:10	11.368	7.631	6.287	2.283	26.458	0.320	31.739	
11/07/2025 10:15	11.397	7.637	6.353	2.274	26.452	0.319	31.757	
11/07/2025 10:20	11.397	7.638	6.352	2.268	26.320	0.320	31.755	
11/07/2025 10:25	11.377	7.639	6.337	2.263	26.308	0.317	31.758	
11/07/2025 10:30	11.400	7.644	6.275	2.252	26.314	0.319	31.767	
11/07/2025 10:35	11.371	7.645	6.287	2.245	26.218	0.318	31.773	
11/07/2025 10:40	11.371	7.649	6.361	2.245	26.218	0.324	31.775	
11/07/2025 10:45	11.404	7.655	6.367	2.238	26.248	0.322	31.808	
11/07/2025 10:50	11.394	7.655	6.334	2.231	26.212	0.320	31.808	
11/07/2025 10:55	11.377	7.657	6.229	2.231	26.200	0.321	31.808	
11/07/2025 11:00	11.381	7.658	6.310	2.225	26.104	0.314	31.808	
11/07/2025 11:05	11.374	7.663	6.518	2.217	26.116	0.321	31.808	
11/07/2025 11:10	11.361	7.663	6.517	2.210	26.014	0.322	31.808	
11/07/2025 11:15	11.361	7.665	6.412	2.211	26.032	0.317	31.808	
11/07/2025 11:20	11.390	7.667	6.521	2.203	25.990	0.316	31.900	
11/07/2025 11:25	11.354	7.676	6.199	2.202	25.954	0.320	31.907	
11/07/2025 11:30	11.387	7.668	6.280	2.196	25.948	0.317	31.907	
11/07/2025 11:35	11.328	7.670	6.091	2.191	25.840	0.321	31.907	
11/07/2025 11:40	11.286	7.670	5.968	2.192	25.822	0.318	31.907	
11/07/2025 11:45	11.368	7.676	113.033	2.415	27.203	0.320	31.903	
11/07/2025 11:50	11.351	7.646	203.026	3.352	32.790	0.098	31.909	
11/07/2025 11:55	11.397	7.632	176.045	3.907	36.132	0.311	31.913	
11/07/2025 12:00	11.338	7.614	148.282	3.302	32.508	0.319	31.907	
11/07/2025 12:05	11.410	7.611	57.593	2.820	29.663	0.323	31.907	
11/07/2025 12:10	11.407	7.602	12.396	2.701	28.967	0.326	31.907	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/07/2025 12:15	69.054	7.598	9.375	2.689	28.889	0.321	31.907	
11/07/2025 12:20	69.251	7.597	8.282	2.611	28.475	0.320	31.907	
11/07/2025 12:25	148.354	7.593	7.911	2.599	28.403	0.317	31.907	
11/07/2025 12:30	148.466	7.589	7.301	2.508	27.863	0.320	31.907	
11/07/2025 12:35	147.961	7.586	7.224	2.522	27.989	0.320	31.907	
11/07/2025 12:40	147.268	7.588	8.060	2.552	28.115	0.320	31.907	
11/07/2025 12:45	147.488	7.587	65.100	2.419	27.371	0.319	31.907	
11/07/2025 12:50	148.223	7.590	6.965	2.413	27.305	0.317	31.907	
11/07/2025 12:55	147.888	7.592	276.151	2.409	27.305	0.311	31.907	
11/07/2025 13:00	148.797	7.598	44.858	2.388	27.215	0.311	31.907	
11/07/2025 13:05	148.420	7.601	276.250	2.392	27.113	0.311	31.907	
11/07/2025 13:10	148.961	7.600	276.298	2.373	27.041	0.312	31.907	
11/07/2025 13:15	148.082	7.602	161.097	2.367	27.149	0.308	31.905	
11/07/2025 13:20	147.915	7.607	6.887	2.364	27.197	0.310	31.891	
11/07/2025 13:25	148.190	7.611	7.051	2.353	27.137	0.310	31.856	
11/07/2025 13:30	148.400	7.618	7.211	2.349	27.113	0.310	31.811	
11/07/2025 13:35	148.236	7.617	7.111	2.346	27.131	0.314	31.808	
11/07/2025 13:40	146.366	7.620	7.099	2.339	27.143	0.306	31.808	
11/07/2025 13:45	146.878	7.620	7.140	2.332	27.077	0.311	31.808	
11/07/2025 13:50	146.045	7.625	7.221	2.329	27.077	0.309	31.808	
11/07/2025 13:55	145.018	7.625	72.148	2.325	26.981	0.307	31.808	
11/07/2025 14:00	144.457	7.632	15.549	2.315	27.041	0.319	31.808	
11/07/2025 14:05	145.326	7.632	159.897	2.305	26.927	0.306	31.808	
11/07/2025 14:10	145.497	7.635	276.798	2.306	26.903	0.315	31.807	
11/07/2025 14:15	11.856	7.638	276.816	2.299	26.975	0.307	31.801	
11/07/2025 14:20	11.922	7.644	276.846	2.301	26.951	0.310	31.793	
11/07/2025 14:25	11.847	7.644	276.862	2.294	26.831	0.313	31.776	
11/07/2025 14:30	11.860	7.646	276.876	2.281	26.777	0.311	31.777	
11/07/2025 14:35	11.807	7.648	17.836	2.283	26.813	0.308	31.759	
11/07/2025 14:40	11.850	7.650	276.919	2.277	26.794	0.313	31.741	
11/07/2025 14:45	11.840	7.652	276.922	2.275	26.813	0.308	31.715	
11/07/2025 14:50	11.892	7.653	276.972	2.277	26.849	0.312	31.708	
11/07/2025 14:55	11.932	7.656	276.942	2.277	26.861	0.310	31.708	
11/07/2025 15:00	11.850	7.660	138.362	2.284	26.963	0.309	31.708	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/07/2025 15:05	11.938	7.661	171.518	2.307	27.077	0.312	31.708	
11/07/2025 15:10	11.892	7.670	200.613	2.338	27.311	0.311	31.708	
11/07/2025 15:15	11.948	7.671	225.965	2.523	28.391	0.312	31.708	
11/07/2025 15:20	11.948	7.672	259.674	2.487	28.151	0.310	31.708	
11/07/2025 15:25	11.909	7.677	277.009	2.659	29.123	0.308	31.708	
11/07/2025 15:30	11.922	7.670	277.021	2.904	30.587	0.310	31.684	
11/07/2025 15:35	11.971	7.678	277.008	3.113	31.883	0.297	31.609	
11/07/2025 15:40	11.840	7.678	277.002	3.250	32.796	0.307	31.603	
11/07/2025 15:45	11.938	7.678	274.578	3.415	33.714	0.311	31.599	
11/07/2025 15:50	11.915	7.690	268.829	3.008	31.247	0.316	31.708	
11/07/2025 15:55	11.879	7.670	5.677	2.922	30.833	0.314	31.708	
11/07/2025 16:00	11.971	7.658	5.686	2.906	30.755	0.309	31.708	
11/07/2025 16:05	11.879	7.647	153.331	2.580	28.739	0.307	31.708	
11/07/2025 16:10	11.961	7.642	134.012	2.574	28.655	0.308	31.708	
11/07/2025 16:15	71.508	7.642	169.136	2.540	28.439	0.310	31.708	
11/07/2025 16:20	87.216	7.638	190.105	2.503	28.325	0.312	31.708	
11/07/2025 16:25	83.230	7.634	198.812	2.470	28.091	0.310	31.708	
11/07/2025 16:30	77.663	7.637	5.678	2.454	28.061	0.311	31.708	
11/07/2025 16:35	61.187	7.635	5.678	2.441	27.947	0.313	31.708	
11/07/2025 16:40	64.297	7.634	5.677	2.432	27.833	0.307	31.708	
11/07/2025 16:45	63.847	7.635	5.680	2.419	27.857	0.309	31.708	
11/07/2025 16:50	73.778	7.633	5.675	2.411	27.737	0.308	31.708	
11/07/2025 16:55	71.108	7.633	5.675	2.396	27.749	0.307	31.708	
11/07/2025 17:00	86.377	7.631	5.681	2.405	27.773	0.307	31.708	
11/07/2025 17:05	74.425	7.629	5.681	2.420	27.869	0.310	31.708	
11/07/2025 17:10	66.029	7.629	5.683	2.399	27.653	0.311	31.708	
11/07/2025 17:15	134.217	7.629	107.506	2.422	27.851	0.308	31.708	
11/07/2025 17:20	77.423	7.630	99.421	2.444	27.959	0.309	31.708	
11/07/2025 17:25	65.147	7.632	128.355	2.364	27.419	0.311	31.708	
11/07/2025 17:30	79.398	7.628	144.404	2.351	27.413	0.310	31.708	
11/07/2025 17:35	138.010	7.630	277.107	2.353	27.395	0.309	31.708	
11/07/2025 17:40	139.034	7.627	277.119	2.344	27.275	0.307	31.707	
11/07/2025 17:45	137.777	7.630	277.140	2.336	27.257	0.307	31.707	
11/07/2025 17:50	11.978	7.627	277.144	2.328	27.155	0.313	31.707	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/07/2025 17:55	11.974	7.629	277.141	2.321	27.161	0.307	31.704	
11/07/2025 18:00	11.981	7.632	277.144	2.321	27.161	0.314	31.698	
11/07/2025 18:10	11.981	7.629	257.125	2.307	27.077	0.310	31.658	
11/07/2025 18:15	25.803	7.632	232.497	2.302	27.071	0.307	31.657	
11/07/2025 18:20	11.984	7.630	205.053	2.295	27.089	0.308	31.655	
11/07/2025 18:25	11.942	7.634	181.262	2.286	26.993	0.310	31.651	
11/07/2025 18:30	12.001	7.634	158.549	2.288	26.993	0.306	31.643	
11/07/2025 18:35	11.988	7.638	133.934	2.287	27.017	0.309	31.635	
11/07/2025 18:40	11.984	7.637	111.364	2.279	27.047	0.310	31.626	
11/07/2025 18:45	11.968	7.635	87.132	2.273	26.915	0.310	31.654	
11/07/2025 18:50	11.958	7.640	65.070	2.273	26.927	0.310	31.662	
11/07/2025 18:55	11.955	7.640	45.146	2.273	26.951	0.305	31.678	
11/07/2025 19:00	11.971	7.645	28.581	2.264	26.945	0.309	31.698	
11/07/2025 19:05	12.004	7.646	14.103	2.273	26.945	0.309	31.704	
11/07/2025 19:10	11.915	7.648	8.615	2.273	26.951	0.310	31.690	
11/07/2025 19:15	11.919	7.644	8.553	2.267	26.951	0.309	31.701	
11/07/2025 19:20	11.968	7.646	8.316	2.265	26.969	0.311	31.707	
11/07/2025 19:25	11.971	7.648	8.288	2.266	26.969	0.309	31.706	
11/07/2025 19:30	11.942	7.646	8.214	2.259	26.975	0.311	31.706	
11/07/2025 19:35	12.001	7.648	8.154	2.258	26.957	0.310	31.703	
11/07/2025 19:40	11.971	7.649	7.907	2.261	26.861	0.308	31.681	
11/07/2025 19:45	12.034	7.648	182.089	2.411	27.791	0.315	31.707	
11/07/2025 19:50	12.017	7.726	276.424	3.340	33.330	0.309	31.559	
11/07/2025 19:55	12.007	7.753	192.811	3.246	32.808	0.311	31.555	
11/07/2025 20:00	11.961	7.752	130.864	3.267	32.934	0.310	31.559	
11/07/2025 20:05	11.988	7.735	62.516	3.181	32.430	0.308	31.560	
11/07/2025 20:10	11.919	7.712	14.382	2.654	29.225	0.306	31.560	
11/07/2025 20:15	108.991	7.699	10.662	2.546	28.667	0.310	31.559	
11/07/2025 20:20	103.821	7.690	9.954	2.517	28.481	0.315	31.559	
11/07/2025 20:25	112.443	7.685	9.233	2.525	28.469	0.309	31.559	
11/07/2025 20:30	135.835	7.681	8.855	2.517	28.457	0.310	31.559	
11/07/2025 20:35	136.461	7.677	8.652	2.489	28.229	0.310	31.559	
11/07/2025 20:40	136.301	7.675	8.471	2.474	28.259	0.305	31.559	
11/07/2025 20:45	131.094	7.671	8.204	2.460	28.121	0.312	31.559	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/07/2025 20:50	135.435	7.668	8.090	2.455	28.043	0.309	31.559	
11/07/2025 20:55	135.225	7.667	8.031	2.443	28.109	0.311	31.559	
11/07/2025 21:00	132.941	7.664	8.162	2.433	27.923	0.308	31.558	
11/07/2025 21:05	132.446	7.664	8.043	2.418	27.821	0.306	31.559	
11/07/2025 21:10	132.859	7.663	7.889	2.405	27.791	0.305	31.558	
11/07/2025 21:15	120.448	7.662	7.794	2.405	27.731	0.311	31.550	
11/07/2025 21:20	132.262	7.659	7.751	2.389	27.701	0.309	31.556	
11/07/2025 21:25	132.059	7.658	7.902	2.381	27.611	0.306	31.553	
11/07/2025 21:30	130.605	7.655	7.656	2.381	27.599	0.304	31.550	
11/07/2025 21:35	11.968	7.655	7.643	2.375	27.629	0.308	31.536	
11/07/2025 21:40	11.974	7.656	7.764	2.382	27.629	0.307	31.531	
11/07/2025 21:45	11.974	7.655	7.556	2.375	27.635	0.306	31.526	
11/07/2025 21:50	11.971	7.652	7.617	2.375	27.647	0.307	31.527	
11/07/2025 21:55	11.984	7.651	7.482	2.368	27.647	0.301	31.521	
11/07/2025 22:00	12.020	7.654	7.557	2.367	27.539	0.301	31.523	
11/07/2025 22:05	11.988	7.648	7.505	2.363	27.527	0.302	31.516	
11/07/2025 22:10	11.942	7.648	7.626	2.339	27.425	0.300	31.515	
11/07/2025 22:15	11.952	7.654	7.467	2.331	27.443	0.302	31.512	
11/07/2025 22:20	11.994	7.648	7.578	2.347	27.413	0.306	31.511	
11/07/2025 22:25	11.958	7.648	7.511	2.355	27.545	0.302	31.512	
11/07/2025 22:30	11.965	7.647	7.527	2.348	27.473	0.297	31.511	
11/07/2025 22:35	11.988	7.647	7.613	2.340	27.443	0.299	31.510	
11/07/2025 22:40	11.988	7.648	7.781	2.340	27.443	0.297	31.510	
11/07/2025 22:45	12.001	7.648	7.850	2.341	27.425	0.298	31.509	
11/07/2025 22:50	12.014	7.649	7.625	2.341	27.431	0.301	31.509	
11/07/2025 22:55	12.001	7.648	7.586	2.334	27.515	0.302	31.509	
11/07/2025 23:00	11.997	7.653	7.488	2.333	27.335	0.300	31.509	
11/07/2025 23:05	12.024	7.654	7.544	2.326	27.323	0.300	31.509	
11/07/2025 23:10	11.942	7.656	7.593	2.326	27.329	0.300	31.509	
11/07/2025 23:15	11.991	7.656	7.467	2.319	27.353	0.300	31.509	
11/07/2025 23:20	11.984	7.656	7.451	2.318	27.347	0.298	31.509	
11/07/2025 23:25	11.978	7.657	7.316	2.311	27.227	0.297	31.509	
11/07/2025 23:30	73.542	7.659	7.377	2.312	27.215	0.295	31.509	
11/07/2025 23:35	84.133	7.660	7.338	2.311	27.203	0.303	31.509	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/07/2025 23:40	73.936	7.660	7.385	2.311	27.233	0.301	31.509	
11/07/2025 23:45	73.578	7.664	116.747	2.392	27.767	0.298	31.509	
11/07/2025 23:50	115.071	7.730	208.114	3.228	32.616	0.096	31.452	
11/07/2025 23:55	87.820	7.747	180.056	3.199	32.520	0.289	31.410	
11/08/2025 0:00	127.859	7.750	69.216	3.270	33.000	0.293	31.509	
11/08/2025 0:05	138.856	7.725	14.641	2.869	30.659	0.294	31.509	
11/08/2025 0:10	121.101	7.717	10.557	2.827	30.305	0.293	31.509	
11/08/2025 0:15	11.938	7.707	9.749	2.813	30.263	0.297	31.509	
11/08/2025 0:20	12.030	7.702	8.888	2.706	29.615	0.297	31.509	
11/08/2025 0:25	129.916	7.698	8.681	2.671	29.369	0.296	31.509	
11/08/2025 0:30	134.211	7.697	8.510	2.671	29.381	0.297	31.509	
11/08/2025 0:35	136.347	7.696	8.115	2.643	29.315	0.298	31.509	
11/08/2025 0:40	137.839	7.695	8.076	2.615	29.063	0.297	31.509	
11/08/2025 0:45	134.004	7.692	8.076	2.623	29.177	0.299	31.509	
11/08/2025 0:50	134.004	7.689	7.745	2.636	29.201	0.301	31.509	
11/08/2025 0:55	131.074	7.688	7.752	2.616	29.081	0.299	31.509	
11/08/2025 1:00	135.195	7.688	7.793	2.601	28.979	0.297	31.509	
11/08/2025 1:05	131.678	7.680	7.758	2.587	28.973	0.297	31.509	
11/08/2025 1:10	134.903	7.674	7.791	2.579	28.871	0.300	31.509	
11/08/2025 1:15	139.247	7.668	7.692	2.583	28.829	0.298	31.509	
11/08/2025 1:20	136.169	7.663	8.244	2.587	28.847	0.294	31.509	
11/08/2025 1:25	135.057	7.659	19.105	2.580	28.835	0.294	31.509	
11/08/2025 1:30	128.968	7.649	34.552	2.580	28.913	0.295	31.509	
11/08/2025 1:35	130.018	7.650	50.420	2.558	28.751	0.298	31.506	
11/08/2025 1:40	130.120	7.649	68.640	2.552	28.637	0.298	31.494	
11/08/2025 1:45	131.468	7.648	86.081	2.537	28.625	0.301	31.473	
11/08/2025 1:50	134.647	7.645	103.337	2.536	28.601	0.297	31.461	
11/08/2025 1:55	127.915	7.643	121.505	2.451	28.103	0.296	31.438	
11/08/2025 2:00	12.001	7.643	140.241	2.445	27.977	0.296	31.434	
11/08/2025 2:05	12.027	7.638	157.815	2.444	27.959	0.296	31.416	
11/08/2025 2:10	12.037	7.638	179.061	2.442	27.959	0.297	31.410	
11/08/2025 2:15	12.027	7.637	201.201	2.435	27.953	0.295	31.410	
11/08/2025 2:20	12.014	7.636	219.373	2.428	27.929	0.297	31.410	
11/08/2025 2:25	12.050	7.636	232.436	2.435	27.959	0.297	31.410	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/08/2025 2:30	12.027	7.637	248.327	2.423	27.827	0.301	31.410	
11/08/2025 2:35	12.076	7.637	266.179	2.421	27.845	0.298	31.410	
11/08/2025 2:40	11.981	7.638	277.270	2.414	27.821	0.295	31.410	
11/08/2025 2:45	12.024	7.637	277.276	2.407	27.821	0.303	31.408	
11/08/2025 2:50	12.004	7.638	277.264	2.401	27.695	0.296	31.398	
11/08/2025 2:55	12.034	7.637	277.276	2.392	27.713	0.300	31.370	
11/08/2025 3:00	12.060	7.636	277.276	2.397	27.701	0.301	31.364	
11/08/2025 3:05	12.063	7.633	277.270	2.399	27.707	0.295	31.361	
11/08/2025 3:10	12.070	7.636	277.266	2.392	27.737	0.299	31.361	
11/08/2025 3:15	12.060	7.636	277.299	2.397	27.761	0.300	31.360	
11/08/2025 3:20	12.011	7.636	277.305	2.393	27.719	0.301	31.359	
11/08/2025 3:25	12.050	7.636	277.281	2.421	27.815	0.297	31.349	
11/08/2025 3:30	12.040	7.636	277.272	2.400	27.725	0.299	31.334	
11/08/2025 3:35	12.007	7.639	277.281	2.392	27.701	0.298	31.335	
11/08/2025 3:40	12.053	7.645	277.281	2.393	27.683	0.297	31.320	
11/08/2025 3:45	11.978	7.642	5.747	2.399	27.755	0.300	31.355	
11/08/2025 3:50	11.994	7.664	5.717	3.028	31.535	0.300	31.369	
11/08/2025 3:55	11.991	7.673	5.723	3.243	32.838	0.301	31.377	
11/08/2025 4:00	11.952	7.671	5.719	3.500	34.428	0.302	31.410	
11/08/2025 4:05	12.063	7.665	277.291	2.938	30.995	0.299	31.410	
11/08/2025 4:10	12.056	7.649	277.321	2.956	31.049	0.298	31.410	
11/08/2025 4:15	12.053	7.638	263.479	2.859	30.521	0.301	31.410	
11/08/2025 4:20	12.037	7.629	253.944	2.686	29.453	0.300	31.410	
11/08/2025 4:25	12.063	7.622	239.898	2.644	29.237	0.302	31.410	
11/08/2025 4:30	128.092	7.618	221.412	2.602	28.907	0.299	31.410	
11/08/2025 4:35	96.905	7.610	198.755	2.580	28.805	0.301	31.410	
11/08/2025 4:40	80.675	7.607	177.071	2.573	28.817	0.298	31.410	
11/08/2025 4:45	79.149	7.606	154.712	2.558	28.715	0.300	31.410	
11/08/2025 4:50	77.837	7.606	132.596	2.566	28.751	0.298	31.410	
11/08/2025 4:55	69.973	7.603	113.049	2.551	28.739	0.304	31.410	
11/08/2025 5:00	76.780	7.600	93.888	2.559	28.757	0.300	31.410	
11/08/2025 5:05	111.668	7.602	73.477	2.551	28.745	0.300	31.410	
11/08/2025 5:10	133.886	7.608	54.894	2.559	28.769	0.299	31.410	
11/08/2025 5:15	136.169	7.604	37.053	2.554	28.745	0.297	31.410	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/08/2025 5:20	125.031	7.607	20.633	2.566	28.775	0.300	31.410	
11/08/2025 5:25	124.897	7.604	9.363	2.582	28.859	0.298	31.410	
11/08/2025 5:30	132.629	7.607	8.138	2.574	28.895	0.300	31.410	
11/08/2025 5:35	104.113	7.601	8.015	2.567	28.895	0.302	31.410	
11/08/2025 5:40	106.914	7.602	7.916	2.573	28.883	0.299	31.410	
11/08/2025 5:45	109.739	7.607	7.848	2.559	28.775	0.297	31.410	
11/08/2025 5:50	94.316	7.608	7.704	2.559	28.781	0.298	31.410	
11/08/2025 5:55	115.674	7.610	7.752	2.552	28.613	0.297	31.410	
11/08/2025 6:00	97.403	7.611	7.665	2.560	28.775	0.297	31.410	
11/08/2025 6:05	133.952	7.608	7.655	2.552	28.781	0.295	31.410	
11/08/2025 6:10	130.284	7.610	7.586	2.553	28.691	0.299	31.410	
11/08/2025 6:15	123.502	7.611	7.827	2.562	28.811	0.299	31.410	
11/08/2025 6:20	131.402	7.614	7.869	2.553	28.781	0.301	31.410	
11/08/2025 6:25	134.844	7.614	7.851	2.547	28.661	0.298	31.410	
11/08/2025 6:30	132.150	7.614	8.154	2.551	28.673	0.297	31.410	
11/08/2025 6:35	132.216	7.616	7.883	2.553	28.649	0.299	31.410	
11/08/2025 6:40	131.429	7.616	7.893	2.544	28.643	0.297	31.410	
11/08/2025 6:45	12.017	7.617	7.890	2.543	28.673	0.298	31.410	
11/08/2025 6:50	12.011	7.615	7.781	2.549	28.703	0.294	31.410	
11/08/2025 6:55	12.017	7.617	7.790	2.547	28.619	0.300	31.410	
11/08/2025 7:00	11.978	7.618	7.709	2.545	28.709	0.298	31.410	
11/08/2025 7:05	12.027	7.616	7.709	2.559	28.679	0.300	31.410	
11/08/2025 7:10	11.919	7.616	7.568	2.550	28.655	0.297	31.410	
11/08/2025 7:15	11.932	7.616	7.560	2.535	28.541	0.298	31.410	
11/08/2025 7:20	11.912	7.622	7.619	2.533	28.499	0.300	31.410	
11/08/2025 7:25	11.909	7.620	7.614	2.528	28.415	0.296	31.410	
11/08/2025 7:30	11.876	7.619	7.515	2.586	28.769	0.297	31.410	
11/08/2025 7:35	11.860	7.617	7.337	2.548	28.511	0.300	31.410	
11/08/2025 7:40	11.804	7.618	7.410	2.531	28.403	0.298	31.410	
11/08/2025 7:45	11.807	7.617	116.629	2.629	29.015	0.300	31.410	
11/08/2025 7:50	11.850	7.709	202.044	3.542	34.392	0.300	31.363	
11/08/2025 7:55	11.781	7.712	172.372	3.598	34.812	0.304	31.362	
11/08/2025 8:00	11.761	7.701	58.898	3.376	33.402	0.297	31.408	
11/08/2025 8:05	11.748	7.671	14.088	3.143	32.010	0.300	31.410	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/08/2025 8:10	11.755	7.663	10.178	3.099	31.739	0.298	31.410	
11/08/2025 8:15	89.969	7.658	9.306	3.084	31.595	0.301	31.410	
11/08/2025 8:20	93.102	7.653	8.624	3.246	32.520	0.298	31.410	
11/08/2025 8:25	100.533	7.651	8.180	2.971	30.941	0.302	31.410	
11/08/2025 8:30	91.652	7.650	8.094	2.913	30.545	0.294	31.410	
11/08/2025 8:35	91.616	7.643	7.890	2.925	30.635	0.296	31.410	
11/08/2025 8:40	94.073	7.640	7.647	2.715	29.327	0.295	31.410	
11/08/2025 8:45	92.029	7.640	7.559	2.721	29.291	0.301	31.410	
11/08/2025 8:50	221.398	7.640	7.583	2.707	29.273	0.301	31.416	
11/08/2025 8:55	219.486	7.637	7.123	2.707	29.243	0.304	31.432	
11/08/2025 9:00	185.526	7.632	7.217	2.705	29.249	0.302	31.440	
11/08/2025 9:05	182.737	7.630	7.241	2.903	30.389	0.298	31.471	
11/08/2025 9:10	216.146	7.628	6.851	2.560	28.343	0.302	31.473	
11/08/2025 9:15	209.929	7.621	6.868	2.559	28.325	0.306	31.477	
11/08/2025 9:20	197.294	7.620	6.946	2.559	28.319	0.306	31.498	
11/08/2025 9:25	213.980	7.621	6.946	2.566	28.337	0.303	31.509	
11/08/2025 9:30	11.528	7.618	7.049	2.563	28.331	0.306	31.509	
11/08/2025 9:35	11.525	7.619	6.952	2.571	28.337	0.307	31.509	
11/08/2025 9:40	11.561	7.621	6.731	2.592	28.511	0.307	31.509	
11/08/2025 9:45	11.512	7.621	6.874	2.593	28.523	0.304	31.509	
11/08/2025 9:50	11.538	7.618	7.058	2.613	28.655	0.306	31.509	
11/08/2025 9:55	11.525	7.618	6.941	2.564	28.331	0.305	31.509	
11/08/2025 10:00	11.505	7.622	7.058	2.554	28.295	0.308	31.540	
11/08/2025 10:05	11.495	7.626	6.532	2.547	28.175	0.304	31.559	
11/08/2025 10:10	11.509	7.624	6.479	2.558	28.241	0.310	31.562	
11/08/2025 10:15	11.473	7.624	6.562	2.544	28.139	0.308	31.564	
11/08/2025 10:20	11.479	7.617	6.652	2.545	28.127	0.310	31.562	
11/08/2025 10:25	11.532	7.620	6.791	2.545	28.145	0.310	31.588	
11/08/2025 10:30	11.512	7.622	6.694	2.551	28.229	0.316	31.609	
11/08/2025 10:35	11.495	7.625	6.916	2.557	28.253	0.311	31.707	
11/08/2025 10:40	11.476	7.626	6.668	2.628	28.643	0.313	31.708	
11/08/2025 10:45	11.479	7.629	6.835	2.563	28.181	0.315	31.708	
11/08/2025 10:50	11.440	7.629	6.697	2.562	28.277	0.313	31.708	
11/08/2025 10:55	11.404	7.625	6.824	2.567	28.241	0.316	31.708	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/08/2025 11:00	11.413	7.632	6.667	2.564	28.253	0.313	31.808	
11/08/2025 11:05	11.397	7.632	6.736	2.569	28.193	0.315	31.808	
11/08/2025 11:10	11.384	7.632	6.629	2.618	28.487	0.313	31.882	
11/08/2025 11:15	11.354	7.631	6.520	2.558	28.157	0.315	31.900	
11/08/2025 11:20	11.384	7.627	6.215	2.550	28.115	0.316	31.907	
11/08/2025 11:25	11.354	7.625	6.089	2.569	28.205	0.317	31.907	
11/08/2025 11:30	11.322	7.626	6.193	2.582	28.169	0.318	31.907	
11/08/2025 11:35	11.279	7.626	6.253	2.573	28.151	0.318	31.958	
11/08/2025 11:40	11.308	7.626	6.230	2.627	28.403	0.316	32.007	
11/08/2025 11:45	11.279	7.623	112.342	2.635	28.499	0.316	31.931	
11/08/2025 11:50	11.295	7.720	198.095	3.842	35.718	0.106	31.941	
11/08/2025 11:55	11.295	7.742	175.530	3.917	36.090	0.308	31.907	
11/08/2025 12:00	11.256	7.717	151.876	3.888	35.958	0.314	31.808	
11/08/2025 12:05	11.210	7.682	55.312	3.232	32.016	0.313	31.708	
11/08/2025 12:10	11.184	7.660	11.145	3.294	32.346	0.308	31.708	
11/08/2025 12:15	214.430	7.649	8.039	2.777	29.213	0.311	31.708	
11/08/2025 12:20	216.539	7.645	7.088	2.734	28.985	0.311	31.708	
11/08/2025 12:25	155.211	7.637	6.674	2.828	29.621	0.310	31.708	
11/08/2025 12:30	225.112	7.630	6.548	2.837	29.549	0.311	31.715	
11/08/2025 12:35	225.115	7.625	5.969	2.579	27.971	0.315	31.760	
11/08/2025 12:40	216.503	7.624	5.962	2.520	27.617	0.314	31.808	
11/08/2025 12:45	140.661	7.620	5.903	2.512	27.599	0.313	31.808	
11/08/2025 12:50	224.850	7.612	5.792	2.497	27.485	0.312	31.808	
11/08/2025 12:55	227.031	7.610	5.740	2.491	27.365	0.312	31.889	
11/08/2025 13:00	214.801	7.601	5.684	2.502	27.473	0.316	31.907	
11/08/2025 13:05	224.672	7.596	5.575	2.494	27.431	0.315	31.907	
11/08/2025 13:10	212.789	7.590	5.690	2.493	27.431	0.313	31.907	
11/08/2025 13:15	211.280	7.587	5.644	2.513	27.539	0.315	31.907	
11/08/2025 13:20	151.248	7.578	5.444	2.520	27.503	0.314	31.907	
11/08/2025 13:25	11.036	7.570	5.419	2.553	27.719	0.314	31.907	
11/08/2025 13:30	11.069	7.567	5.612	2.588	27.911	0.311	31.907	
11/08/2025 13:35	11.085	7.565	5.537	2.474	27.311	0.316	31.907	
11/08/2025 13:40	11.072	7.560	5.470	2.503	27.467	0.314	31.907	
11/08/2025 13:45	11.076	7.559	5.485	2.529	27.587	0.313	31.983	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/08/2025 13:50	10.967	7.556	5.482	2.481	27.365	0.314	31.957	
11/08/2025 13:55	11.043	7.553	5.348	2.492	27.317	0.314	31.988	
11/08/2025 14:00	10.994	7.550	5.330	2.497	27.407	0.313	31.963	
11/08/2025 14:05	11.010	7.548	5.302	2.517	27.521	0.311	31.983	
11/08/2025 14:10	11.013	7.546	5.293	2.539	27.641	0.312	31.973	
11/08/2025 14:15	10.977	7.543	5.306	2.619	28.055	0.314	31.955	
11/08/2025 14:20	11.043	7.535	5.303	2.542	27.641	0.315	31.920	
11/08/2025 14:25	11.053	7.538	5.321	2.572	27.887	0.321	31.955	
11/08/2025 14:30	11.049	7.541	5.353	2.546	27.713	0.316	31.966	
11/08/2025 14:35	11.099	7.546	5.443	2.540	27.731	0.316	32.005	
11/08/2025 14:40	11.089	7.547	5.455	2.540	27.719	0.316	32.006	
11/08/2025 14:45	11.085	7.543	5.341	2.468	27.287	0.314	32.007	
11/08/2025 14:50	11.072	7.540	5.356	2.487	27.371	0.322	32.007	
11/08/2025 14:55	11.072	7.537	5.329	2.474	27.227	0.283	32.007	
11/08/2025 15:00	11.046	7.537	5.306	2.490	27.299	0.321	32.008	
11/08/2025 15:05	10.994	7.536	5.308	2.487	27.257	0.321	32.009	
11/08/2025 15:10	10.987	7.537	5.275	2.491	27.353	0.324	32.056	
11/08/2025 15:15	10.954	7.538	5.269	2.497	27.275	0.322	32.072	
11/08/2025 15:20	10.971	7.538	5.258	2.502	27.263	0.329	32.057	
11/08/2025 15:25	10.931	7.533	5.248	2.483	27.215	0.325	32.026	
11/08/2025 15:30	10.902	7.532	5.242	2.481	27.185	0.328	32.095	
11/08/2025 15:35	10.866	7.534	5.230	2.470	27.029	0.323	32.053	
11/08/2025 15:40	10.852	7.531	5.225	2.463	26.987	0.327	32.043	
11/08/2025 15:45	10.875	7.531	274.728	2.482	27.017	0.326	32.005	
11/08/2025 15:50	10.829	7.602	5.203	3.513	33.276	0.331	31.910	
11/08/2025 15:55	10.823	7.654	5.203	3.952	35.832	0.330	31.907	
11/08/2025 16:00	10.813	7.645	5.198	4.235	37.519	0.328	31.907	
11/08/2025 16:05	10.770	7.634	5.198	3.833	35.172	0.327	31.907	
11/08/2025 16:10	10.797	7.623	65.121	3.687	34.260	0.329	31.907	
11/08/2025 16:15	116.803	7.616	115.486	3.307	31.962	0.331	31.894	
11/08/2025 16:20	141.809	7.612	158.168	2.773	28.703	0.325	31.903	
11/08/2025 16:25	129.887	7.605	187.323	2.791	28.829	0.332	31.818	
11/08/2025 16:30	130.828	7.606	214.778	2.631	27.857	0.326	31.814	
11/08/2025 16:35	153.810	7.605	244.048	2.631	27.923	0.327	31.809	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/08/2025 16:40	117.485	7.606	270.117	2.623	27.905	0.326	31.808	
11/08/2025 16:45	124.500	7.608	275.130	2.650	28.097	0.326	31.808	
11/08/2025 16:50	115.845	7.603	275.227	2.697	28.511	0.325	31.808	
11/08/2025 16:55	166.340	7.606	275.322	2.613	28.055	0.326	31.808	
11/08/2025 17:00	170.464	7.601	275.370	2.609	27.983	0.325	31.808	
11/08/2025 17:05	93.089	7.600	275.448	2.605	28.097	0.325	31.808	
11/08/2025 17:10	110.061	7.599	275.541	2.602	28.061	0.324	31.808	
11/08/2025 17:15	112.259	7.599	275.610	2.613	28.193	0.321	31.808	
11/08/2025 17:20	79.950	7.601	275.658	2.609	28.223	0.317	31.808	
11/08/2025 17:25	74.251	7.599	275.715	2.627	28.283	0.323	31.808	
11/08/2025 17:30	72.820	7.600	275.757	2.600	28.193	0.324	31.808	
11/08/2025 17:35	69.910	7.601	275.808	2.611	28.259	0.325	31.808	
11/08/2025 17:40	62.236	7.600	275.842	2.612	28.301	0.319	31.808	
11/08/2025 17:45	86.875	7.598	275.878	2.622	28.415	0.319	31.808	
11/08/2025 17:50	11.420	7.596	275.911	2.624	28.445	0.322	31.808	
11/08/2025 17:55	11.423	7.597	275.946	2.660	28.721	0.320	31.807	
11/08/2025 18:00	11.440	7.599	276.009	2.598	28.277	0.316	31.807	
11/08/2025 18:05	11.427	7.601	276.007	2.620	28.409	0.321	31.803	
11/08/2025 18:10	11.479	7.600	276.034	2.636	28.559	0.322	31.791	
11/08/2025 18:15	11.407	7.601	276.054	2.687	28.895	0.320	31.780	
11/08/2025 18:20	11.492	7.602	276.069	2.652	28.655	0.319	31.774	
11/08/2025 18:25	11.502	7.602	276.094	2.646	28.577	0.319	31.769	
11/08/2025 18:30	11.495	7.605	276.111	2.626	28.481	0.323	31.759	
11/08/2025 18:35	11.528	7.610	276.130	2.633	28.541	0.320	31.756	
11/08/2025 18:40	11.532	7.611	276.189	2.627	28.529	0.320	31.752	
11/08/2025 18:45	11.551	7.612	276.174	2.636	28.655	0.323	31.750	
11/08/2025 18:50	11.522	7.614	263.245	2.629	28.559	0.320	31.740	
11/08/2025 18:55	11.538	7.622	244.442	2.679	28.895	0.314	31.753	
11/08/2025 19:00	11.522	7.623	227.860	2.630	28.595	0.318	31.715	
11/08/2025 19:05	11.577	7.623	209.093	2.598	28.391	0.319	31.718	
11/08/2025 19:10	11.545	7.629	190.337	2.603	28.403	0.321	31.716	
11/08/2025 19:15	11.551	7.635	172.214	2.597	28.409	0.320	31.716	
11/08/2025 19:20	11.545	7.638	155.177	2.598	28.439	0.317	31.716	
11/08/2025 19:25	11.564	7.643	142.665	2.675	28.871	0.316	31.714	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/08/2025 19:30	11.564	7.646	127.077	2.583	28.355	0.321	31.710	
11/08/2025 19:35	11.555	7.647	111.349	2.605	28.583	0.319	31.715	
11/08/2025 19:40	11.581	7.651	94.799	2.624	28.607	0.319	31.713	
11/08/2025 19:45	11.581	7.656	276.283	2.750	29.297	0.323	31.747	
11/08/2025 19:50	11.614	7.794	276.312	4.074	37.363	0.317	31.708	
11/08/2025 19:55	11.620	7.826	276.300	4.047	37.129	0.318	31.708	
11/08/2025 20:00	11.577	7.800	276.313	4.025	36.978	0.321	31.706	
11/08/2025 20:05	11.532	7.775	97.852	3.824	35.874	0.315	31.632	
11/08/2025 20:10	11.584	7.739	14.605	3.229	32.262	0.313	31.612	
11/08/2025 20:15	52.781	7.720	10.307	2.937	30.575	0.307	31.610	
11/08/2025 20:20	66.459	7.707	9.081	3.017	31.025	0.311	31.609	
11/08/2025 20:25	62.961	7.696	8.555	3.095	31.631	0.306	31.609	
11/08/2025 20:30	60.931	7.693	8.270	2.859	30.095	0.309	31.609	
11/08/2025 20:35	56.679	7.689	8.058	2.889	30.293	0.305	31.609	
11/08/2025 20:40	64.494	7.680	7.950	2.939	30.599	0.307	31.609	
11/08/2025 20:45	57.663	7.676	7.797	2.846	30.077	0.307	31.609	
11/08/2025 20:50	73.723	7.675	7.796	2.853	30.095	0.306	31.609	
11/08/2025 20:55	62.637	7.671	7.571	2.775	29.651	0.309	31.609	
11/08/2025 21:00	76.816	7.675	7.598	2.841	30.041	0.309	31.609	
11/08/2025 21:05	93.608	7.671	7.425	2.784	29.663	0.308	31.609	
11/08/2025 21:10	69.038	7.670	7.427	2.777	29.669	0.307	31.609	
11/08/2025 21:15	70.606	7.672	7.341	2.791	29.795	0.306	31.609	
11/08/2025 21:20	86.452	7.671	7.286	2.792	29.807	0.308	31.609	
11/08/2025 21:25	72.742	7.673	7.334	2.807	29.879	0.308	31.609	
11/08/2025 21:30	82.771	7.671	7.212	2.643	28.841	0.310	31.620	
11/08/2025 21:35	81.875	7.671	7.191	2.658	28.943	0.310	31.609	
11/08/2025 21:40	86.304	7.673	7.296	2.650	28.841	0.311	31.609	
11/08/2025 21:45	82.335	7.673	7.248	2.657	28.943	0.311	31.609	
11/08/2025 21:50	89.749	7.673	7.154	2.659	28.943	0.306	31.609	
11/08/2025 21:55	100.261	7.677	7.220	2.659	28.973	0.305	31.609	
11/08/2025 22:00	104.057	7.677	7.176	2.669	29.081	0.304	31.609	
11/08/2025 22:05	136.891	7.676	7.124	2.672	29.063	0.305	31.609	
11/08/2025 22:10	136.324	7.677	7.159	2.679	29.063	0.303	31.609	
11/08/2025 22:15	23.566	7.679	7.009	2.681	29.081	0.307	31.609	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/08/2025 22:20	11.607	7.680	7.036	2.679	29.087	0.305	31.611	
11/08/2025 22:25	11.669	7.679	6.991	2.679	29.087	0.304	31.609	
11/08/2025 22:30	11.676	7.682	6.949	2.695	29.213	0.308	31.609	
11/08/2025 22:35	11.696	7.681	6.971	2.747	29.519	0.308	31.609	
11/08/2025 22:40	11.614	7.674	6.974	2.709	29.309	0.302	31.609	
11/08/2025 22:45	11.705	7.664	7.076	2.711	29.345	0.305	31.610	
11/08/2025 22:50	11.640	7.650	7.031	2.710	29.327	0.312	31.609	
11/08/2025 22:55	11.650	7.636	7.045	2.717	29.381	0.306	31.609	
11/08/2025 23:00	11.663	7.628	7.049	2.717	29.345	0.304	31.609	
11/08/2025 23:05	11.692	7.618	6.994	2.747	29.537	0.304	31.609	
11/08/2025 23:10	11.686	7.616	6.971	2.725	29.339	0.307	31.609	
11/08/2025 23:15	11.686	7.613	6.967	2.741	29.447	0.302	31.609	
11/08/2025 23:20	11.656	7.609	7.009	2.732	29.429	0.302	31.609	
11/08/2025 23:25	11.682	7.607	7.085	2.732	29.429	0.304	31.609	
11/08/2025 23:30	11.673	7.607	6.955	2.683	29.129	0.302	31.609	
11/08/2025 23:35	11.660	7.606	6.892	2.760	29.657	0.313	31.609	
11/08/2025 23:40	11.679	7.605	6.914	2.746	29.543	0.308	31.609	
11/08/2025 23:45	11.650	7.608	7.012	2.753	29.573	0.299	31.608	
11/08/2025 23:50	11.669	7.607	6.955	2.760	29.549	0.105	31.608	
11/08/2025 23:55	11.673	7.604	6.940	2.768	29.669	0.281	31.608	
11/09/2025 0:00	11.663	7.607	6.983	2.749	29.555	0.304	31.609	
11/09/2025 0:05	11.676	7.606	6.878	2.919	30.515	0.300	31.608	
11/09/2025 0:10	11.673	7.607	6.875	2.782	29.795	0.302	31.607	
11/09/2025 0:15	11.686	7.612	6.884	2.819	29.993	0.298	31.608	
11/09/2025 0:20	11.686	7.614	6.767	2.805	29.879	0.293	31.608	
11/09/2025 0:25	11.679	7.616	6.797	2.848	30.095	0.296	31.608	
11/09/2025 0:30	11.689	7.618	6.800	2.841	30.119	0.296	31.608	
11/09/2025 0:35	11.699	7.623	6.869	2.913	30.557	0.297	31.607	
11/09/2025 0:40	11.696	7.620	6.910	2.806	29.909	0.298	31.605	
11/09/2025 0:45	11.705	7.626	6.893	2.814	29.927	0.295	31.607	
11/09/2025 0:50	11.732	7.696	187.168	4.612	40.675	0.296	31.601	
11/09/2025 0:55	11.673	7.766	240.967	3.693	35.094	0.299	31.410	
11/09/2025 1:00	11.719	7.768	194.171	4.221	38.317	0.296	31.509	
11/09/2025 1:05	11.719	7.742	172.028	4.207	38.215	0.296	31.614	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/09/2025 1:10	11.719	7.684	143.781	4.022	37.159	0.297	31.708	
11/09/2025 1:15	102.498	7.636	16.290	3.521	34.194	0.295	31.708	
11/09/2025 1:20	91.751	7.633	276.610	4.322	38.947	0.297	31.713	
11/09/2025 1:25	98.496	7.637	276.612	4.194	38.281	0.299	31.781	
11/09/2025 1:30	91.639	7.604	276.625	4.193	38.215	0.300	31.807	
11/09/2025 1:35	91.422	7.582	268.964	4.698	41.185	0.300	31.808	
11/09/2025 1:40	91.337	7.589	223.560	4.700	41.257	0.297	31.808	
11/09/2025 1:45	94.749	7.592	204.690	4.742	41.437	0.299	31.808	
11/09/2025 1:50	90.409	7.604	180.285	4.332	38.983	0.299	31.808	
11/09/2025 1:55	91.101	7.613	157.880	4.365	39.217	0.297	31.808	
11/09/2025 2:00	95.363	7.621	142.985	3.938	36.648	0.300	31.808	
11/09/2025 2:05	90.471	7.621	124.089	3.646	34.968	0.296	31.808	
11/09/2025 2:10	92.164	7.629	98.698	3.268	32.748	0.295	31.808	
11/09/2025 2:15	88.854	7.630	46.746	3.261	32.628	0.300	31.808	
11/09/2025 2:20	87.682	7.633	43.673	3.210	32.316	0.302	31.808	
11/09/2025 2:25	86.344	7.633	54.387	3.191	32.208	0.298	31.808	
11/09/2025 2:30	84.700	7.630	68.937	3.176	32.202	0.301	31.808	
11/09/2025 2:35	116.462	7.631	81.191	3.129	31.787	0.306	31.808	
11/09/2025 2:40	88.818	7.628	96.305	2.904	30.497	0.307	31.808	
11/09/2025 2:45	90.448	7.615	111.090	2.883	30.383	0.301	31.808	
11/09/2025 2:50	86.354	7.614	125.949	2.896	30.467	0.305	31.808	
11/09/2025 2:55	93.142	7.605	136.097	2.899	30.461	0.299	31.808	
11/09/2025 3:00	149.969	7.597	144.775	2.898	30.467	0.299	31.808	
11/09/2025 3:05	140.261	7.584	153.761	2.892	30.461	0.300	31.808	
11/09/2025 3:10	138.112	7.575	162.820	3.055	31.319	0.299	31.808	
11/09/2025 3:15	142.780	7.568	169.316	2.918	30.557	0.303	31.808	
11/09/2025 3:20	136.829	7.561	178.508	2.919	30.563	0.299	31.808	
11/09/2025 3:25	146.353	7.554	187.065	2.919	30.563	0.300	31.807	
11/09/2025 3:30	107.292	7.547	192.239	2.904	30.473	0.303	31.806	
11/09/2025 3:35	120.927	7.542	199.473	2.905	30.431	0.299	31.802	
11/09/2025 3:40	146.760	7.539	204.667	2.896	30.419	0.302	31.791	
11/09/2025 3:45	145.326	7.538	210.047	2.926	30.521	0.296	31.771	
11/09/2025 3:50	143.555	7.536	212.216	2.920	30.539	0.296	31.769	
11/09/2025 3:55	143.646	7.540	212.935	2.910	30.539	0.294	31.763	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/09/2025 4:00	142.488	7.538	211.937	2.902	30.407	0.302	31.760	
11/09/2025 4:05	142.692	7.541	210.919	2.902	30.419	0.299	31.758	
11/09/2025 4:10	142.738	7.547	207.215	2.910	30.509	0.297	31.755	
11/09/2025 4:15	109.975	7.549	204.433	2.859	30.185	0.297	31.744	
11/09/2025 4:20	139.024	7.553	199.820	2.897	30.437	0.302	31.739	
11/09/2025 4:25	139.952	7.553	194.223	2.903	30.419	0.300	31.731	
11/09/2025 4:30	145.211	7.555	189.064	2.918	30.527	0.297	31.721	
11/09/2025 4:35	143.112	7.562	184.281	2.911	30.533	0.297	31.714	
11/09/2025 4:40	141.891	7.561	175.799	2.918	30.527	0.305	31.711	
11/09/2025 4:45	142.767	7.563	168.751	2.896	30.425	0.300	31.709	
11/09/2025 4:50	142.570	7.564	160.079	2.910	30.533	0.298	31.708	
11/09/2025 4:55	142.232	7.563	149.959	2.918	30.551	0.298	31.708	
11/09/2025 5:00	141.691	7.566	138.848	2.920	30.545	0.299	31.708	
11/09/2025 5:05	139.867	7.570	127.212	2.940	30.707	0.302	31.708	
11/09/2025 5:10	140.070	7.569	112.018	2.948	30.689	0.300	31.708	
11/09/2025 5:15	140.966	7.573	94.577	2.847	30.185	0.302	31.711	
11/09/2025 5:20	139.519	7.571	80.794	2.940	30.689	0.302	31.708	
11/09/2025 5:25	138.039	7.575	63.896	2.948	30.833	0.301	31.708	
11/09/2025 5:30	138.873	7.577	47.682	2.954	30.797	0.301	31.708	
11/09/2025 5:35	137.642	7.577	32.287	2.948	30.827	0.302	31.708	
11/09/2025 5:40	138.568	7.580	19.312	2.948	30.803	0.300	31.708	
11/09/2025 5:45	138.804	7.578	9.308	3.333	33.078	0.302	31.708	
11/09/2025 5:50	138.755	7.577	7.502	2.921	30.647	0.298	31.708	
11/09/2025 5:55	138.062	7.580	7.427	2.938	30.761	0.302	31.708	
11/09/2025 6:00	137.800	7.577	7.308	2.954	30.815	0.301	31.708	
11/09/2025 6:05	137.872	7.583	7.236	2.955	30.845	0.294	31.708	
11/09/2025 6:10	137.459	7.584	7.170	2.962	30.803	0.298	31.708	
11/09/2025 6:15	136.809	7.590	7.115	2.876	30.389	0.301	31.709	
11/09/2025 6:20	137.452	7.594	7.221	2.998	31.025	0.298	31.708	
11/09/2025 6:25	136.652	7.599	7.253	2.959	30.785	0.303	31.708	
11/09/2025 6:30	136.304	7.605	7.302	2.937	30.677	0.300	31.709	
11/09/2025 6:35	134.719	7.611	7.253	2.958	30.779	0.295	31.709	
11/09/2025 6:40	133.699	7.617	7.224	2.959	30.791	0.298	31.708	
11/09/2025 6:45	132.830	7.620	7.226	2.952	30.773	0.304	31.710	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/09/2025 6:50	131.963	7.627	7.172	2.893	30.449	0.299	31.709	
11/09/2025 6:55	131.678	7.626	7.265	2.935	30.653	0.302	31.711	
11/09/2025 7:00	131.721	7.627	50.052	2.956	30.737	0.306	31.717	
11/09/2025 7:05	131.019	7.749	78.931	4.608	40.639	0.303	31.708	
11/09/2025 7:10	128.259	7.697	13.711	3.792	35.820	0.304	31.708	
11/09/2025 7:15	11.623	7.673	9.816	3.749	35.508	0.306	31.708	
11/09/2025 7:20	11.640	7.667	9.035	3.384	33.312	0.297	31.708	
11/09/2025 7:25	11.587	7.659	8.303	3.453	33.732	0.306	31.708	
11/09/2025 7:30	11.581	7.655	7.808	3.459	33.726	0.297	31.708	
11/09/2025 7:35	11.574	7.654	7.574	3.513	34.026	0.302	31.708	
11/09/2025 7:40	11.564	7.656	7.329	3.485	33.912	0.300	31.708	
11/09/2025 7:45	11.571	7.658	7.142	3.383	33.210	0.301	31.708	
11/09/2025 7:50	11.538	7.660	7.140	3.017	31.049	0.300	31.708	
11/09/2025 7:55	11.440	7.658	7.019	3.058	31.241	0.302	31.708	
11/09/2025 8:00	11.479	7.657	7.057	3.099	31.403	0.302	31.708	
11/09/2025 8:05	11.469	7.658	6.946	3.069	31.295	0.298	31.708	
11/09/2025 8:10	11.390	7.657	6.898	3.047	31.133	0.301	31.708	
11/09/2025 8:15	11.427	7.656	6.812	3.051	31.145	0.303	31.708	
11/09/2025 8:20	11.358	7.655	6.740	3.456	33.588	0.296	31.708	
11/09/2025 8:25	11.387	7.654	6.652	3.056	31.169	0.306	31.708	
11/09/2025 8:30	11.397	7.656	6.917	3.076	31.283	0.301	31.708	
11/09/2025 8:35	11.331	7.656	6.730	3.088	31.337	0.305	31.708	
11/09/2025 8:40	11.361	7.656	6.569	3.079	31.241	0.301	31.708	
11/09/2025 8:45	11.354	7.656	6.418	3.078	31.187	0.308	31.708	
11/09/2025 8:50	11.361	7.654	6.352	3.097	31.283	0.297	31.708	
11/09/2025 8:55	11.345	7.653	6.328	3.083	31.265	0.298	31.708	
11/09/2025 9:00	11.308	7.662	6.677	3.080	31.271	0.300	31.708	
11/09/2025 9:05	11.269	7.663	6.602	3.088	31.259	0.305	31.708	
11/09/2025 9:10	11.299	7.663	6.581	3.107	31.325	0.297	31.708	
11/09/2025 9:15	11.253	7.666	6.230	3.128	31.403	0.303	31.708	
11/09/2025 9:20	11.299	7.665	6.398	3.134	31.511	0.304	31.708	
11/09/2025 9:25	123.761	7.663	6.542	3.004	30.743	0.300	31.708	
11/09/2025 9:30	129.250	7.650	6.331	3.004	30.719	0.300	31.709	
11/09/2025 9:35	130.507	7.640	6.272	3.053	30.863	0.303	31.719	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/09/2025 9:40	129.194	7.629	6.178	3.020	30.707	0.302	31.717	
11/09/2025 9:45	131.333	7.626	6.143	3.016	30.713	0.304	31.747	
11/09/2025 9:50	128.647	7.621	6.385	3.023	30.791	0.302	31.802	
11/09/2025 9:55	131.042	7.620	6.517	3.110	31.337	0.292	31.808	
11/09/2025 10:00	129.516	7.620	6.344	3.050	30.917	0.291	31.808	
11/09/2025 10:05	128.984	7.618	6.409	3.044	30.887	0.300	31.808	
11/09/2025 10:10	122.036	7.617	6.136	3.022	30.743	0.299	31.904	
11/09/2025 10:15	11.213	7.614	6.082	3.011	30.671	0.299	31.907	
11/09/2025 10:20	11.171	7.606	5.953	3.025	30.749	0.298	31.907	
11/09/2025 10:25	11.187	7.604	5.857	3.110	31.277	0.301	31.907	
11/09/2025 10:30	11.174	7.599	6.073	3.045	30.821	0.302	31.907	
11/09/2025 10:35	11.210	7.598	6.100	3.024	30.749	0.305	31.907	
11/09/2025 10:40	11.207	7.594	6.023	3.026	30.737	0.296	31.907	
11/09/2025 10:45	11.259	7.590	60.127	3.034	30.827	0.305	31.811	
11/09/2025 10:50	11.187	7.572	45.417	3.326	32.592	0.303	31.907	
11/09/2025 10:55	11.220	7.582	10.779	3.626	34.416	0.302	31.907	
11/09/2025 11:00	11.190	7.575	8.733	3.172	31.679	0.307	31.907	
11/09/2025 11:05	11.263	7.578	7.865	3.171	31.637	0.303	31.958	
11/09/2025 11:10	11.233	7.578	7.350	3.163	31.607	0.306	32.007	
11/09/2025 11:15	11.230	7.572	7.028	3.190	31.697	0.299	32.015	
11/09/2025 11:20	11.184	7.571	6.644	3.160	31.559	0.304	32.106	
11/09/2025 11:25	11.154	7.576	6.514	3.129	31.325	0.314	32.106	
11/09/2025 11:30	11.174	7.577	6.476	3.196	31.751	0.306	32.106	
11/09/2025 11:35	11.187	7.575	6.310	3.175	31.595	0.304	32.156	
11/09/2025 11:40	11.118	7.570	6.574	3.174	31.589	0.309	32.189	
11/09/2025 11:45	11.164	7.544	64.440	3.221	31.829	0.306	32.106	
11/09/2025 11:50	11.056	7.554	62.284	3.497	33.462	0.134	32.193	
11/09/2025 11:55	11.144	7.555	59.032	3.524	33.618	0.301	32.206	
11/09/2025 12:00	11.105	7.548	55.462	3.857	35.616	0.314	32.291	
11/09/2025 12:05	126.717	7.537	12.936	3.885	35.724	0.332	32.306	
11/09/2025 12:10	127.830	7.526	8.261	4.004	36.432	0.335	32.306	
11/09/2025 12:15	131.491	7.516	7.022	4.094	37.038	0.338	32.348	
11/09/2025 12:20	131.484	7.514	6.602	4.209	37.675	0.342	32.365	
11/09/2025 12:25	132.446	7.508	6.172	4.285	38.083	0.342	32.406	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/09/2025 12:30	120.753	7.506	5.953	4.303	38.179	0.349	32.478	
11/09/2025 12:35	130.474	7.504	5.810	4.480	39.253	0.352	32.506	
11/09/2025 12:40	132.879	7.500	5.785	4.568	39.769	0.355	32.506	
11/09/2025 12:45	130.871	7.498	5.717	4.665	40.357	0.345	32.506	
11/09/2025 12:50	130.116	7.498	5.641	4.782	41.107	0.348	32.506	
11/09/2025 12:55	130.097	7.500	5.671	4.926	41.947	0.347	32.506	
11/09/2025 13:00	131.284	7.496	5.423	4.825	41.311	0.353	32.506	
11/09/2025 13:05	127.554	7.495	5.432	5.059	42.710	0.343	32.506	
11/09/2025 13:10	112.882	7.494	5.374	5.455	45.116	0.344	32.507	
11/09/2025 13:15	106.498	7.494	5.327	5.389	44.618	0.352	32.563	
11/09/2025 13:20	108.289	7.495	5.284	5.431	44.888	0.356	32.603	
11/09/2025 13:30	128.069	7.491	5.335	5.764	46.880	0.356	32.605	
11/09/2025 13:35	101.573	7.488	5.276	5.009	42.380	0.353	32.605	
11/09/2025 13:40	10.964	7.487	5.320	5.086	42.800	0.347	32.605	
11/09/2025 13:45	10.915	7.489	5.324	5.143	43.244	0.352	32.606	
11/09/2025 13:50	10.961	7.489	5.327	5.148	43.214	0.351	32.606	
11/09/2025 13:55	10.882	7.487	5.260	5.242	43.718	0.351	32.606	
11/09/2025 14:00	10.928	7.487	5.267	5.323	44.240	0.354	32.620	
11/09/2025 14:05	10.957	7.491	5.258	5.444	44.984	0.348	32.623	
11/09/2025 14:10	10.931	7.491	5.305	5.486	45.188	0.351	32.704	
11/09/2025 14:15	10.898	7.495	5.260	5.549	45.614	0.351	32.705	
11/09/2025 14:20	10.925	7.496	5.251	5.563	45.590	0.351	32.705	
11/09/2025 14:25	10.902	7.494	5.246	5.536	45.488	0.357	32.705	
11/09/2025 14:30	10.921	7.494	5.237	6.227	49.605	0.352	32.705	
11/09/2025 14:35	10.875	7.493	5.231	5.828	47.234	0.350	32.705	
11/09/2025 14:40	10.895	7.488	5.233	5.827	47.240	0.347	32.705	
11/09/2025 14:45	10.862	7.487	5.228	5.826	47.222	0.348	32.705	
11/09/2025 14:50	10.872	7.488	5.224	5.823	47.246	0.350	32.705	
11/09/2025 14:55	10.849	7.486	5.219	6.264	49.833	0.345	32.705	
11/09/2025 15:00	10.823	7.490	5.213	5.517	45.362	0.346	32.705	
11/09/2025 15:05	10.852	7.490	5.215	5.964	48.009	0.345	32.705	
11/09/2025 15:10	10.859	7.485	5.212	5.356	44.288	0.350	32.705	
11/09/2025 15:15	10.905	7.485	5.215	6.164	49.203	0.349	32.705	
11/09/2025 15:20	10.820	7.491	5.212	6.005	48.207	0.350	32.705	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/09/2025 15:25	10.849	7.495	5.212	6.160	49.131	0.355	32.705	
11/09/2025 15:30	10.836	7.494	5.204	6.173	49.239	0.355	32.705	
11/09/2025 15:35	10.823	7.507	170.582	6.601	51.717	0.351	32.705	
11/09/2025 15:40	10.862	7.676	183.721	11.147	78.993	0.352	32.834	
11/09/2025 15:45	10.800	7.662	169.414	9.876	71.299	0.331	32.817	
11/09/2025 15:50	10.793	7.624	136.565	11.256	79.575	0.336	32.708	
11/09/2025 15:55	10.764	7.596	25.238	8.720	64.458	0.325	32.706	
11/09/2025 16:00	10.754	7.581	7.644	8.766	64.776	0.320	32.706	
11/09/2025 16:05	109.601	7.577	6.161	9.214	67.392	0.315	32.706	
11/09/2025 16:10	98.014	7.575	5.791	8.439	62.693	0.315	32.704	
11/09/2025 16:15	105.917	7.572	5.621	7.770	58.721	0.326	32.688	
11/09/2025 16:20	103.233	7.577	5.561	2.463	26.891	0.313	32.637	
11/09/2025 16:25	134.870	7.563	5.558	2.459	26.813	0.321	32.613	
11/09/2025 16:30	113.374	7.554	5.641	2.509	27.137	0.317	32.608	
11/09/2025 16:35	111.426	7.542	5.690	2.451	26.771	0.319	32.606	
11/09/2025 16:40	108.296	7.531	5.615	2.416	26.548	0.316	32.606	
11/09/2025 16:45	104.562	7.516	5.566	2.434	26.674	0.312	32.606	
11/09/2025 16:50	107.239	7.507	8.813	2.420	26.650	0.313	32.606	
11/09/2025 16:55	104.654	7.505	22.790	2.412	26.638	0.310	32.606	
11/09/2025 17:00	103.775	7.505	41.386	2.420	26.729	0.310	32.606	
11/09/2025 17:05	108.522	7.507	60.233	2.426	26.867	0.311	32.605	
11/09/2025 17:10	66.633	7.504	77.746	2.413	26.849	0.313	32.605	
11/09/2025 17:15	97.364	7.501	97.879	2.412	26.915	0.311	32.592	
11/09/2025 17:20	86.583	7.504	120.615	2.416	26.891	0.310	32.575	
11/09/2025 17:25	83.509	7.506	140.181	2.423	26.951	0.313	32.557	
11/09/2025 17:30	76.036	7.511	158.234	2.425	27.005	0.311	32.548	
11/09/2025 17:35	78.929	7.517	171.769	2.430	27.053	0.312	32.525	
11/09/2025 17:40	111.212	7.521	190.678	2.432	27.215	0.309	32.510	
11/09/2025 17:45	113.771	7.517	201.337	2.437	27.149	0.309	32.506	
11/09/2025 17:50	108.935	7.519	220.929	2.431	27.179	0.310	32.506	
11/09/2025 17:55	236.808	7.519	235.337	2.434	27.197	0.309	32.506	
11/09/2025 18:00	237.422	7.520	241.362	2.321	26.572	0.307	32.506	
11/09/2025 18:05	11.371	7.520	247.555	2.315	26.506	0.309	32.506	
11/09/2025 18:10	11.410	7.517	252.743	2.317	26.530	0.309	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/09/2025 18:15	11.377	7.520	259.665	2.311	26.560	0.300	32.506	
11/09/2025 18:20	11.427	7.521	266.125	2.307	26.590	0.307	32.506	
11/09/2025 18:25	11.450	7.520	263.930	2.307	26.638	0.299	32.506	
11/09/2025 18:30	11.420	7.526	265.835	2.301	26.494	0.305	32.506	
11/09/2025 18:35	11.473	7.526	276.049	2.302	26.536	0.309	32.506	
11/09/2025 18:40	11.479	7.525	276.076	2.302	26.536	0.313	32.506	
11/09/2025 18:45	11.427	7.530	265.613	2.296	26.536	0.310	32.506	
11/09/2025 18:50	11.459	7.532	263.147	2.290	26.458	0.313	32.506	
11/09/2025 19:00	11.486	7.535	259.458	2.284	26.524	0.305	32.506	
11/09/2025 19:05	11.505	7.536	262.578	2.284	26.494	0.309	32.506	
11/09/2025 19:10	11.525	7.535	5.497	2.277	26.548	0.306	32.506	
11/09/2025 19:15	11.476	7.538	5.494	2.277	26.608	0.302	32.506	
11/09/2025 19:20	11.417	7.545	5.495	2.279	26.500	0.301	32.506	
11/09/2025 19:25	11.492	7.545	5.504	2.281	26.524	0.302	32.506	
11/09/2025 19:30	11.561	7.546	5.509	2.275	26.608	0.308	32.506	
11/09/2025 19:35	11.561	7.554	5.507	2.274	26.530	0.307	32.506	
11/09/2025 19:40	11.479	7.556	5.504	2.276	26.572	0.303	32.506	
11/09/2025 19:45	11.518	7.558	170.410	2.285	26.530	0.307	32.506	
11/09/2025 19:50	11.495	7.563	5.512	2.435	27.563	0.309	32.506	
11/09/2025 19:55	11.591	7.552	5.513	2.327	26.927	0.313	32.415	
11/09/2025 20:00	11.571	7.537	5.516	2.257	26.470	0.304	32.373	
11/09/2025 20:05	11.581	7.532	5.516	2.253	26.428	0.307	32.355	
11/09/2025 20:10	11.577	7.532	5.518	2.300	26.716	0.294	32.352	
11/09/2025 20:15	11.571	7.531	5.522	2.364	27.155	0.306	32.354	
11/09/2025 20:20	11.614	7.533	5.533	2.420	27.503	0.305	32.357	
11/09/2025 20:25	11.568	7.541	5.527	2.453	27.701	0.299	32.404	
11/09/2025 20:30	11.584	7.550	5.527	2.451	27.695	0.292	32.406	
11/09/2025 20:35	11.522	7.554	5.528	2.446	27.605	0.309	32.449	
11/09/2025 20:40	11.581	7.555	5.527	2.430	27.503	0.306	32.486	
11/09/2025 20:45	11.581	7.560	36.561	2.430	27.497	0.303	32.502	
11/09/2025 20:50	11.610	7.560	35.469	2.428	27.515	0.300	32.487	
11/09/2025 20:55	11.587	7.565	5.527	2.416	27.515	0.301	32.497	
11/09/2025 21:00	11.597	7.565	13.713	2.409	27.377	0.307	32.501	
11/09/2025 21:05	193.351	7.568	8.969	2.409	27.353	0.303	32.501	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/09/2025 21:10	219.105	7.572	6.770	2.402	27.335	0.298	32.503	
11/09/2025 21:15	229.223	7.573	6.527	2.395	27.353	0.300	32.501	
11/09/2025 21:20	205.890	7.573	6.260	2.389	27.245	0.298	32.498	
11/09/2025 21:25	210.421	7.574	6.611	2.380	27.221	0.301	32.498	
11/09/2025 21:30	217.314	7.577	6.545	2.379	27.239	0.298	32.492	
11/09/2025 21:35	196.674	7.580	6.293	2.373	27.143	0.300	32.486	
11/09/2025 21:40	222.314	7.583	6.296	2.373	27.125	0.301	32.468	
11/09/2025 21:45	220.001	7.586	6.574	2.373	27.149	0.300	32.454	
11/09/2025 21:50	159.998	7.590	6.256	2.373	27.143	0.305	32.421	
11/09/2025 21:55	141.898	7.596	6.712	2.367	27.149	0.301	32.421	
11/09/2025 22:00	11.584	7.597	6.583	2.367	27.185	0.300	32.414	
11/09/2025 22:05	11.597	7.602	6.238	2.367	27.191	0.304	32.410	
11/09/2025 22:10	11.541	7.609	5.533	2.367	27.203	0.303	32.409	
11/09/2025 22:15	11.584	7.612	5.536	2.368	27.179	0.304	32.407	
11/09/2025 22:20	11.627	7.620	6.070	2.375	27.227	0.300	32.406	
11/09/2025 22:25	11.541	7.625	6.140	2.362	27.227	0.305	32.406	
11/09/2025 22:30	11.600	7.626	6.140	2.363	27.233	0.301	32.406	
11/09/2025 22:35	11.646	7.635	6.125	2.361	27.107	0.302	32.406	
11/09/2025 22:40	11.594	7.638	5.942	2.362	27.095	0.301	32.406	
11/09/2025 22:45	11.646	7.641	5.539	2.356	27.107	0.306	32.406	
11/09/2025 22:50	11.610	7.649	5.771	2.395	27.365	0.299	32.406	
11/09/2025 22:55	11.587	7.651	6.046	2.365	27.155	0.314	32.406	
11/09/2025 23:00	11.627	7.659	6.143	2.357	27.149	0.306	32.406	
11/09/2025 23:05	11.637	7.663	6.019	2.357	27.191	0.304	32.405	
11/09/2025 23:10	11.640	7.668	5.681	2.351	27.173	0.299	32.405	
11/09/2025 23:15	11.646	7.672	5.989	2.359	27.185	0.318	32.403	
11/09/2025 23:20	11.653	7.681	6.112	2.343	27.065	0.303	32.404	
11/09/2025 23:25	11.653	7.683	6.136	2.358	27.167	0.306	32.391	
11/09/2025 23:30	11.607	7.689	5.837	2.359	27.185	0.303	32.386	
11/09/2025 23:40	11.663	7.698	6.340	2.360	27.185	0.302	32.371	
11/09/2025 23:45	11.692	7.699	6.281	2.361	27.203	0.309	32.366	
11/09/2025 23:50	11.630	7.698	6.361	2.433	27.635	0.133	32.362	
11/09/2025 23:55	11.643	7.691	6.112	2.361	27.203	0.281	32.356	
11/10/2025 0:00	11.666	7.694	6.268	2.361	27.185	0.282	32.356	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/10/2025 0:05	11.669	7.691	6.451	2.361	27.191	0.292	32.356	
11/10/2025 0:10	11.669	7.693	6.506	2.361	27.209	0.298	32.356	
11/10/2025 0:15	11.673	7.691	6.640	2.362	27.221	0.293	32.356	
11/10/2025 0:20	11.696	7.690	6.410	2.370	27.221	0.297	32.355	
11/10/2025 0:25	11.666	7.689	6.302	2.384	27.317	0.301	32.351	
11/10/2025 0:30	11.646	7.692	6.172	2.377	27.335	0.305	32.351	
11/10/2025 0:35	11.627	7.724	5.567	3.162	32.028	0.304	32.320	
11/10/2025 0:40	11.676	7.888	194.775	3.626	34.752	0.298	32.306	
11/10/2025 0:45	11.653	7.847	5.764	3.596	34.602	0.301	32.306	
11/10/2025 0:50	11.705	7.803	5.564	3.503	34.050	0.300	32.320	
11/10/2025 0:55	11.696	7.769	5.575	2.997	31.049	0.299	32.355	
11/10/2025 1:00	11.663	7.733	5.572	2.641	28.919	0.297	32.356	
11/10/2025 1:05	207.714	7.723	5.573	2.655	28.883	0.295	32.356	
11/10/2025 1:10	156.438	7.713	5.572	2.621	28.697	0.295	32.356	
11/10/2025 1:15	198.728	7.706	7.266	2.605	28.733	0.306	32.356	
11/10/2025 1:20	117.479	7.701	7.841	2.585	28.487	0.299	32.357	
11/10/2025 1:25	99.615	7.693	7.607	2.577	28.499	0.302	32.357	
11/10/2025 1:30	90.937	7.681	7.421	2.555	28.403	0.296	32.356	
11/10/2025 1:35	104.369	7.674	7.541	2.520	28.175	0.300	32.356	
11/10/2025 1:40	188.170	7.668	7.544	2.505	28.073	0.308	32.356	
11/10/2025 1:45	111.983	7.662	7.418	2.515	28.079	0.300	32.356	
11/10/2025 1:50	107.302	7.653	6.860	2.506	28.085	0.298	32.356	
11/10/2025 1:55	109.726	7.647	7.215	2.491	27.965	0.295	32.358	
11/10/2025 2:00	142.715	7.641	5.572	2.483	27.953	0.295	32.355	
11/10/2025 2:05	121.901	7.635	5.573	2.477	27.863	0.297	32.356	
11/10/2025 2:10	115.710	7.632	6.586	2.479	27.863	0.295	32.354	
11/10/2025 2:15	11.663	7.625	5.570	2.469	27.863	0.300	32.351	
11/10/2025 2:20	11.637	7.624	5.560	2.465	27.923	0.295	32.351	
11/10/2025 2:25	11.676	7.623	5.569	2.528	28.187	0.300	32.348	
11/10/2025 2:30	11.709	7.618	6.662	2.455	27.773	0.293	32.341	
11/10/2025 2:35	11.660	7.619	6.461	2.455	27.785	0.297	32.331	
11/10/2025 2:40	11.709	7.621	8.385	2.441	27.749	0.299	32.332	
11/10/2025 2:45	11.669	7.624	12.662	2.449	27.743	0.296	32.318	
11/10/2025 2:50	11.712	7.624	17.464	2.441	27.761	0.298	32.309	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/10/2025 2:55	11.692	7.625	27.615	2.441	27.647	0.295	32.306	
11/10/2025 3:00	11.702	7.626	17.775	2.470	27.875	0.295	32.306	
11/10/2025 3:05	11.630	7.626	37.113	2.435	27.677	0.297	32.306	
11/10/2025 3:10	11.745	7.633	48.033	2.429	27.671	0.300	32.306	
11/10/2025 3:15	11.702	7.635	62.960	2.423	27.569	0.296	32.306	
11/10/2025 3:20	11.669	7.637	5.578	2.420	27.545	0.297	32.306	
11/10/2025 3:25	11.725	7.642	77.770	2.416	27.569	0.291	32.306	
11/10/2025 3:30	11.699	7.644	5.576	2.423	27.575	0.295	32.306	
11/10/2025 3:35	11.666	7.645	93.642	2.422	27.533	0.297	32.306	
11/10/2025 3:40	11.715	7.647	108.781	2.420	27.539	0.296	32.301	
11/10/2025 3:45	11.686	7.649	116.236	2.428	27.569	0.296	32.284	
11/10/2025 3:50	11.728	7.654	91.737	2.428	27.647	0.294	32.266	
11/10/2025 3:55	11.712	7.657	12.495	2.420	27.557	0.295	32.250	
11/10/2025 4:00	11.781	7.663	71.202	2.412	27.605	0.295	32.236	
11/10/2025 4:05	11.673	7.662	5.575	2.413	27.575	0.296	32.215	
11/10/2025 4:10	11.719	7.670	5.576	2.421	27.563	0.300	32.208	
11/10/2025 4:15	11.633	7.671	5.578	2.426	27.749	0.293	32.206	
11/10/2025 4:20	11.712	7.673	6.092	2.428	27.659	0.297	32.206	
11/10/2025 4:25	11.712	7.671	5.575	2.429	27.683	0.323	32.206	
11/10/2025 4:30	11.686	7.677	5.582	2.501	28.073	0.299	32.206	
11/10/2025 4:35	11.715	7.681	5.573	2.621	28.853	0.299	32.215	
11/10/2025 4:40	11.679	7.683	164.308	2.615	28.703	0.298	32.206	
11/10/2025 4:45	11.712	7.671	80.665	2.510	28.097	0.298	32.166	
11/10/2025 4:50	11.699	7.664	9.696	2.458	27.827	0.297	32.156	
11/10/2025 4:55	27.545	7.664	5.594	2.451	27.797	0.300	32.156	
11/10/2025 5:00	11.751	7.666	205.683	2.509	28.085	0.301	32.157	
11/10/2025 5:05	11.745	7.671	162.831	2.487	27.989	0.300	32.194	
11/10/2025 5:10	11.755	7.674	119.239	2.502	28.097	0.299	32.206	
11/10/2025 5:15	11.745	7.680	173.870	2.510	28.085	0.294	32.206	
11/10/2025 5:20	11.751	7.683	111.946	2.523	28.187	0.296	32.227	
11/10/2025 5:25	11.748	7.686	111.832	2.530	28.211	0.281	32.253	
11/10/2025 5:30	11.784	7.685	108.264	2.523	28.199	0.298	32.261	
11/10/2025 5:35	156.419	7.684	97.255	2.553	28.421	0.297	32.250	
11/10/2025 5:40	168.492	7.687	87.645	2.531	28.205	0.298	32.255	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/10/2025 5:45	149.099	7.687	76.700	2.532	28.205	0.297	32.256	
11/10/2025 5:50	115.100	7.687	67.805	2.525	28.223	0.300	32.260	
11/10/2025 5:55	118.122	7.689	56.613	2.531	28.259	0.293	32.255	
11/10/2025 6:00	124.762	7.692	47.231	2.523	28.253	0.293	32.253	
11/10/2025 6:05	127.150	7.694	33.829	2.476	27.923	0.302	32.244	
11/10/2025 6:10	145.943	7.695	23.242	2.468	27.935	0.305	32.243	
11/10/2025 6:15	118.666	7.697	13.191	2.476	27.923	0.287	32.244	
11/10/2025 6:20	197.655	7.697	7.024	2.483	27.923	0.301	32.244	
11/10/2025 6:25	11.781	7.702	5.869	2.477	27.911	0.300	32.246	
11/10/2025 6:30	11.709	7.704	6.092	2.477	27.947	0.297	32.246	
11/10/2025 6:35	11.751	7.706	6.110	2.453	27.845	0.303	32.243	
11/10/2025 6:40	11.761	7.705	6.064	2.468	27.941	0.296	32.234	
11/10/2025 6:45	11.748	7.708	6.232	2.469	27.947	0.297	32.236	
11/10/2025 6:50	11.745	7.707	6.073	2.467	27.971	0.305	32.237	
11/10/2025 6:55	11.745	7.710	6.016	2.467	27.917	0.305	32.234	
11/10/2025 7:00	11.709	7.711	6.139	2.473	27.917	0.311	32.241	
11/10/2025 7:05	11.702	7.709	6.118	2.509	28.145	0.303	32.256	
11/10/2025 7:10	11.692	7.712	5.893	2.465	27.893	0.300	32.235	
11/10/2025 7:15	11.663	7.714	6.433	2.449	27.773	0.296	32.241	
11/10/2025 7:20	11.682	7.713	6.595	2.449	27.761	0.300	32.247	
11/10/2025 7:25	11.686	7.718	7.323	2.441	27.749	0.300	32.252	
11/10/2025 7:30	11.686	7.719	7.019	2.448	27.767	0.299	32.256	
11/10/2025 7:35	11.653	7.721	6.502	2.667	28.997	0.279	32.257	
11/10/2025 7:40	11.627	7.720	6.602	2.310	26.867	0.298	32.260	
11/10/2025 7:45	11.660	7.719	6.277	2.301	26.843	0.296	32.273	
11/10/2025 7:50	11.614	7.720	6.511	2.298	26.873	0.301	32.288	
11/10/2025 7:55	11.584	7.725	6.691	2.298	26.807	0.296	32.298	
11/10/2025 8:00	11.505	7.725	6.562	2.295	26.753	0.300	32.295	
11/10/2025 8:05	11.607	7.728	6.536	2.303	26.753	0.296	32.304	
11/10/2025 8:10	11.584	7.729	6.479	2.309	26.843	0.297	32.304	
11/10/2025 8:15	11.568	7.729	6.367	2.303	26.723	0.301	32.306	
11/10/2025 8:20	11.574	7.730	6.268	2.293	26.741	0.296	32.306	
11/10/2025 8:25	11.509	7.728	6.521	2.291	26.686	0.297	32.306	
11/10/2025 8:30	11.446	7.731	6.350	2.287	26.663	0.295	32.306	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/10/2025 8:35	11.450	7.730	5.621	2.289	26.668	0.295	32.306	
11/10/2025 8:40	11.505	7.731	5.564	2.293	26.615	0.295	32.306	
11/10/2025 8:45	11.453	7.730	5.491	2.291	26.596	0.297	32.306	
11/10/2025 8:50	11.413	7.728	5.480	2.288	26.554	0.299	32.306	
11/10/2025 8:55	11.420	7.731	5.474	2.287	26.572	0.301	32.306	
11/10/2025 9:00	11.390	7.732	5.474	2.294	26.626	0.297	32.306	
11/10/2025 9:05	11.466	7.879	224.739	3.178	31.763	0.301	32.306	
11/10/2025 9:10	11.466	7.900	174.437	3.225	32.094	0.308	32.306	
11/10/2025 9:15	11.417	7.865	166.654	3.502	33.780	0.302	32.312	
11/10/2025 9:20	11.417	7.822	135.773	3.494	33.660	0.308	32.343	
11/10/2025 9:25	11.384	7.778	16.084	2.994	30.689	0.302	32.355	
11/10/2025 9:30	11.387	7.759	9.140	2.929	30.341	0.300	32.356	
11/10/2025 9:35	123.066	7.750	7.935	2.898	30.095	0.302	32.358	
11/10/2025 9:40	140.710	7.739	7.145	2.556	28.037	0.306	32.405	
11/10/2025 9:45	207.081	7.730	7.199	2.552	28.031	0.305	32.404	
11/10/2025 9:50	199.456	7.723	6.728	2.571	28.079	0.303	32.418	
11/10/2025 9:55	127.042	7.711	5.411	2.627	28.379	0.301	32.500	
11/10/2025 10:00	130.376	7.701	6.674	2.641	28.451	0.304	32.506	
11/10/2025 10:05	203.974	7.695	5.399	2.522	27.791	0.302	32.506	
11/10/2025 10:10	146.127	7.681	5.387	2.535	27.845	0.303	32.506	
11/10/2025 10:15	201.372	7.676	5.393	2.521	27.725	0.300	32.506	
11/10/2025 10:20	199.938	7.664	5.371	2.523	27.671	0.296	32.506	
11/10/2025 10:25	154.798	7.663	5.689	2.545	27.791	0.303	32.506	
11/10/2025 10:30	100.543	7.654	5.503	2.512	27.653	0.301	32.507	
11/10/2025 10:35	141.435	7.656	5.564	2.468	27.269	0.301	32.553	
11/10/2025 10:40	11.128	7.648	5.678	2.467	27.293	0.300	32.603	
11/10/2025 10:45	11.131	7.646	5.881	2.464	27.251	0.299	32.605	
11/10/2025 10:50	11.105	7.643	5.722	2.449	27.239	0.300	32.605	
11/10/2025 10:55	11.059	7.641	5.479	2.448	27.227	0.299	32.608	
11/10/2025 11:00	11.076	7.639	5.356	2.447	27.209	0.300	32.705	
11/10/2025 11:05	11.053	7.640	5.422	2.454	27.215	0.302	32.705	
11/10/2025 11:10	11.049	7.642	5.389	2.445	27.077	0.300	32.705	
11/10/2025 11:15	11.062	7.644	5.372	2.466	27.257	0.301	32.706	
11/10/2025 11:20	11.039	7.643	5.308	2.459	27.137	0.300	32.750	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/10/2025 11:25	11.039	7.644	5.714	2.458	27.119	0.299	32.798	
11/10/2025 11:30	11.023	7.645	5.359	2.464	27.215	0.303	32.806	
11/10/2025 11:35	11.000	7.645	5.296	2.448	27.101	0.301	32.883	
11/10/2025 11:40	10.954	7.652	5.291	2.433	26.987	0.299	32.906	
11/10/2025 11:45	10.931	7.654	5.287	2.467	27.191	0.298	32.906	
11/10/2025 11:50	11.043	7.652	275.121	2.433	26.903	0.120	32.906	
11/10/2025 11:55	10.990	7.650	15.297	2.445	27.041	0.300	32.906	
11/10/2025 12:00	10.974	7.653	275.127	2.476	27.107	0.301	32.906	
11/10/2025 12:05	11.003	7.650	6.497	2.494	27.443	0.297	32.906	
11/10/2025 12:10	11.016	7.651	5.293	2.418	26.867	0.295	32.906	
11/10/2025 12:15	11.033	7.653	5.873	2.427	26.993	0.301	32.906	
11/10/2025 12:20	11.039	7.652	5.305	2.451	27.113	0.301	32.906	
11/10/2025 12:25	11.036	7.656	5.309	2.394	26.825	0.300	32.906	
11/10/2025 12:30	11.000	7.656	5.315	2.404	26.843	0.301	32.906	
11/10/2025 12:35	11.076	7.658	5.321	2.405	26.825	0.299	32.906	
11/10/2025 12:40	11.066	7.658	5.318	2.404	26.867	0.304	32.906	
11/10/2025 12:45	11.023	7.660	5.320	2.471	27.293	0.302	32.906	
11/10/2025 12:50	11.112	7.662	5.327	2.435	27.095	0.303	32.906	
11/10/2025 12:55	11.092	7.665	5.327	2.429	27.005	0.303	32.906	
11/10/2025 13:00	11.076	7.669	5.326	2.436	27.137	0.303	32.906	
11/10/2025 13:05	11.082	7.618	5.335	2.676	28.451	0.300	32.506	
11/10/2025 13:10	11.128	7.568	5.332	2.693	28.625	0.307	32.502	
11/10/2025 13:15	11.128	7.574	5.338	2.687	28.637	0.302	32.453	
11/10/2025 13:20	11.099	7.585	7.199	2.673	28.517	0.309	32.504	
11/10/2025 13:25	11.125	7.598	5.339	2.637	28.355	0.314	32.506	
11/10/2025 13:30	11.121	7.610	5.342	2.624	28.253	0.316	32.506	
11/10/2025 13:35	11.089	7.621	5.341	2.609	28.133	0.306	32.547	
11/10/2025 13:40	11.181	7.625	5.351	2.606	28.169	0.309	32.605	
11/10/2025 13:45	11.115	7.630	5.342	2.603	28.127	0.307	32.620	
11/10/2025 13:50	11.112	7.633	6.452	2.537	27.695	0.311	32.705	
11/10/2025 13:55	11.108	7.637	5.341	2.537	27.683	0.316	32.705	
11/10/2025 14:00	11.056	7.644	5.330	2.522	27.677	0.306	32.755	
11/10/2025 14:05	11.112	7.647	5.332	2.521	27.659	0.308	32.806	
11/10/2025 14:10	11.112	7.647	5.335	2.514	27.551	0.309	32.814	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/10/2025 14:15	11.112	7.648	5.329	2.529	27.629	0.308	32.905	
11/10/2025 14:20	11.131	7.790	200.352	3.659	34.422	0.309	32.906	
11/10/2025 14:25	11.059	7.807	170.045	3.978	36.342	0.305	32.906	
11/10/2025 14:30	11.141	7.769	37.402	3.705	34.656	0.305	32.906	
11/10/2025 14:35	11.072	7.734	5.336	3.481	33.402	0.304	32.906	
11/10/2025 14:40	11.082	7.722	6.940	3.573	33.954	0.308	32.906	
11/10/2025 14:45	207.209	7.714	5.344	3.349	32.580	0.313	32.906	
11/10/2025 14:50	84.149	7.710	5.348	3.295	32.262	0.299	32.906	
11/10/2025 14:55	83.775	7.702	5.353	3.195	31.661	0.292	32.906	
11/10/2025 15:00	78.873	7.698	5.930	3.267	32.136	0.306	32.906	
11/10/2025 15:05	70.494	7.690	5.357	3.198	31.691	0.307	32.906	
11/10/2025 15:10	76.741	7.685	5.366	3.255	32.052	0.304	32.906	
11/10/2025 15:15	107.699	7.677	5.372	3.336	32.592	0.307	32.906	
11/10/2025 15:20	102.689	7.673	5.384	3.365	32.730	0.309	32.905	
11/10/2025 15:25	99.267	7.666	5.383	3.102	31.133	0.302	32.888	
11/10/2025 15:30	101.294	7.661	5.386	3.104	31.163	0.308	32.866	
11/10/2025 15:35	96.406	7.660	5.404	3.148	31.403	0.310	32.827	
11/10/2025 15:40	58.283	7.656	5.399	3.158	31.529	0.306	32.810	
11/10/2025 15:45	67.456	7.656	5.422	3.174	31.703	0.302	32.806	
11/10/2025 15:50	61.019	7.656	5.411	3.212	31.908	0.303	32.806	
11/10/2025 15:55	55.288	7.655	5.414	3.172	31.721	0.303	32.806	
11/10/2025 16:00	61.429	7.654	5.422	3.156	31.619	0.303	32.806	
11/10/2025 16:05	61.255	7.655	5.419	3.166	31.745	0.304	32.806	
11/10/2025 16:10	11.338	7.656	5.428	3.203	31.914	0.307	32.806	
11/10/2025 16:15	11.351	7.659	5.432	3.225	32.094	0.316	32.806	
11/10/2025 16:20	11.348	7.660	5.431	3.240	32.124	0.307	32.805	
11/10/2025 16:25	11.354	7.661	5.440	3.362	32.892	0.303	32.803	
11/10/2025 16:30	11.400	7.665	5.441	3.300	32.472	0.307	32.799	
11/10/2025 16:35	11.341	7.666	5.450	3.278	32.388	0.304	32.773	
11/10/2025 16:40	11.404	7.669	5.452	3.273	32.418	0.305	32.763	
11/10/2025 16:45	11.397	7.672	5.458	3.302	32.634	0.308	32.758	
11/10/2025 16:50	11.341	7.672	5.458	3.324	32.772	0.304	32.749	
11/10/2025 16:55	11.446	7.678	5.462	3.182	31.919	0.307	32.740	
11/10/2025 17:00	11.443	7.682	5.464	3.206	32.040	0.306	32.715	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/10/2025 17:05	11.397	7.689	5.479	3.211	32.016	0.305	32.708	
11/10/2025 17:10	11.459	7.691	5.474	3.220	32.166	0.301	32.706	
11/10/2025 17:15	11.443	7.691	5.473	3.235	32.178	0.304	32.706	
11/10/2025 17:20	11.466	7.696	5.479	3.236	32.196	0.304	32.706	
11/10/2025 17:25	11.466	7.699	5.480	3.436	33.474	0.304	32.706	
11/10/2025 17:30	11.450	7.703	5.483	3.324	32.760	0.305	32.706	
11/10/2025 17:35	11.505	7.706	5.491	3.304	32.670	0.300	32.706	
11/10/2025 17:40	11.541	7.712	5.494	3.311	32.766	0.304	32.706	
11/10/2025 17:45	11.502	7.712	5.495	3.327	32.796	0.313	32.706	
11/10/2025 17:50	11.509	7.716	5.495	3.328	32.844	0.309	32.706	
11/10/2025 17:55	11.528	7.717	5.501	3.758	35.400	0.301	32.706	
11/10/2025 18:00	11.509	7.718	5.507	3.486	33.792	0.304	32.706	
11/10/2025 18:05	11.568	7.724	5.510	3.546	34.236	0.306	32.700	
11/10/2025 18:10	11.568	7.725	5.512	3.751	35.436	0.299	32.606	
11/10/2025 18:15	11.574	7.727	5.513	3.846	35.976	0.302	32.606	
11/10/2025 18:20	11.574	7.828	5.527	5.477	45.806	0.287	32.705	
11/10/2025 18:25	11.614	7.883	5.521	5.344	44.954	0.304	32.606	
11/10/2025 18:30	11.607	7.859	5.510	5.120	43.724	0.305	32.546	
11/10/2025 18:35	11.564	7.827	5.536	4.624	40.753	0.305	32.506	
11/10/2025 18:40	11.538	7.800	114.799	4.034	37.177	0.298	32.506	
11/10/2025 18:45	80.766	7.784	149.079	3.908	36.324	0.299	32.506	
11/10/2025 18:50	57.017	7.774	152.350	3.708	35.142	0.282	32.506	
11/10/2025 18:55	64.300	7.764	153.881	3.609	34.626	0.299	32.506	
11/10/2025 19:00	54.280	7.758	156.082	2.998	30.893	0.311	32.506	
11/10/2025 19:05	66.643	7.749	161.078	3.154	31.866	0.307	32.506	
11/10/2025 19:10	75.097	7.742	165.832	3.076	31.433	0.302	32.506	
11/10/2025 19:15	74.756	7.736	168.757	3.055	31.253	0.301	32.506	
11/10/2025 19:20	79.103	7.729	170.596	3.013	31.049	0.300	32.506	
11/10/2025 19:25	85.839	7.726	172.211	3.013	31.103	0.311	32.506	
11/10/2025 19:30	80.212	7.725	175.901	2.978	30.833	0.304	32.506	
11/10/2025 19:35	75.412	7.720	174.356	2.979	30.809	0.296	32.506	
11/10/2025 19:40	81.587	7.720	172.832	2.992	30.899	0.294	32.506	
11/10/2025 19:45	76.160	7.717	170.320	3.085	31.463	0.304	32.506	
11/10/2025 19:50	76.875	7.720	167.478	3.041	31.151	0.298	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/10/2025 19:55	72.883	7.716	162.851	3.036	31.151	0.303	32.506	
11/10/2025 20:00	80.002	7.719	157.698	3.392	33.294	0.301	32.506	
11/10/2025 20:05	75.291	7.716	155.554	2.943	30.635	0.294	32.506	
11/10/2025 20:10	83.834	7.718	153.667	3.279	32.646	0.298	32.506	
11/10/2025 20:15	78.207	7.718	151.772	3.136	31.799	0.304	32.505	
11/10/2025 20:20	76.009	7.720	150.130	2.904	30.281	0.300	32.504	
11/10/2025 20:25	73.362	7.719	148.311	2.993	30.959	0.299	32.497	
11/10/2025 20:30	76.190	7.721	144.978	3.515	34.026	0.297	32.478	
11/10/2025 20:35	105.015	7.722	137.876	3.058	31.265	0.303	32.420	
11/10/2025 20:40	110.576	7.725	132.494	3.079	31.517	0.291	32.415	
11/10/2025 20:45	89.867	7.728	125.884	3.072	31.397	0.305	32.408	
11/10/2025 20:50	11.650	7.731	117.685	3.065	31.403	0.290	32.407	
11/10/2025 20:55	11.646	7.729	109.221	3.065	31.409	0.294	32.406	
11/10/2025 21:00	11.637	7.732	101.894	3.073	31.415	0.296	32.406	
11/10/2025 21:05	11.663	7.737	95.257	3.037	31.187	0.295	32.406	
11/10/2025 21:10	11.663	7.740	89.385	3.065	31.421	0.297	32.406	
11/10/2025 21:15	11.666	7.744	82.589	3.055	31.355	0.293	32.406	
11/10/2025 21:20	11.650	7.748	77.660	3.115	31.607	0.296	32.405	
11/10/2025 21:25	11.650	7.749	71.022	3.006	31.097	0.300	32.404	
11/10/2025 21:30	11.646	7.748	64.638	3.078	31.415	0.294	32.401	
11/10/2025 21:35	11.656	7.751	60.022	2.850	30.137	0.301	32.389	
11/10/2025 21:40	11.637	7.754	52.030	3.278	32.676	0.310	32.375	
11/10/2025 21:45	11.646	7.756	45.744	3.157	31.962	0.308	32.366	
11/10/2025 21:50	11.679	7.757	121.487	2.951	30.677	0.303	32.366	
11/10/2025 21:55	11.666	7.760	35.428	2.972	30.887	0.290	32.362	
11/10/2025 22:00	11.643	7.765	115.955	3.005	31.001	0.304	32.362	
11/10/2025 22:05	11.715	7.767	114.632	3.215	32.268	0.295	32.363	
11/10/2025 22:10	11.650	7.767	113.635	3.586	34.524	0.294	32.358	
11/10/2025 22:15	11.735	7.772	255.591	3.088	31.523	0.313	32.369	
11/10/2025 22:20	11.719	7.897	276.484	4.371	39.163	0.293	32.306	
11/10/2025 22:25	11.630	7.914	5.561	4.369	39.247	0.298	32.293	
11/10/2025 22:30	11.637	7.875	54.661	4.762	41.593	0.296	32.306	
11/10/2025 22:35	11.656	7.832	14.320	4.658	40.951	0.302	32.306	
11/10/2025 22:40	11.650	7.809	10.344	4.072	37.441	0.290	32.306	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/10/2025 22:45	85.054	7.796	9.354	4.424	39.595	0.307	32.306	
11/10/2025 22:50	68.939	7.787	8.699	4.146	37.873	0.310	32.306	
11/10/2025 22:55	67.948	7.778	8.168	3.947	36.744	0.291	32.306	
11/10/2025 23:00	71.971	7.768	8.051	3.696	35.220	0.302	32.306	
11/10/2025 23:05	74.628	7.763	8.007	3.625	34.782	0.297	32.306	
11/10/2025 23:10	69.146	7.760	7.920	3.368	33.300	0.306	32.306	
11/10/2025 23:15	73.122	7.752	7.875	3.326	32.994	0.294	32.306	
11/10/2025 23:20	78.437	7.750	7.712	3.304	32.874	0.295	32.306	
11/10/2025 23:25	77.361	7.750	7.613	3.347	33.114	0.310	32.306	
11/10/2025 23:30	78.667	7.748	7.683	3.119	31.805	0.304	32.306	
11/10/2025 23:35	75.612	7.743	7.638	3.141	31.926	0.290	32.306	
11/10/2025 23:40	75.406	7.742	122.778	3.236	32.424	0.296	32.306	
11/10/2025 23:45	77.650	7.741	7.398	3.191	32.166	0.295	32.306	
11/10/2025 23:50	80.015	7.744	7.509	3.164	32.028	0.153	32.306	
11/10/2025 23:55	82.030	7.743	7.436	3.135	31.835	0.289	32.306	
11/11/2025 0:00	70.166	7.744	7.524	3.328	33.012	0.295	32.306	
11/11/2025 0:05	79.648	7.749	98.408	2.727	29.351	0.308	32.306	
11/11/2025 0:10	69.238	7.749	122.463	2.742	29.471	0.302	32.306	
11/11/2025 0:15	26.958	7.752	128.617	2.721	29.339	0.294	32.306	
11/11/2025 0:20	11.719	7.753	7.413	2.749	29.585	0.287	32.306	
11/11/2025 0:25	11.689	7.759	121.452	2.729	29.465	0.304	32.306	
11/11/2025 0:30	11.709	7.759	7.913	2.727	29.501	0.295	32.306	
11/11/2025 0:35	11.712	7.762	133.805	2.750	29.567	0.299	32.306	
11/11/2025 0:40	11.702	7.766	137.147	2.713	29.405	0.308	32.304	
11/11/2025 0:45	11.709	7.768	7.323	2.744	29.483	0.294	32.302	
11/11/2025 0:50	11.722	7.770	121.649	2.737	29.495	0.302	32.296	
11/11/2025 0:55	11.732	7.776	68.246	2.764	29.597	0.297	32.299	
11/11/2025 1:00	11.637	7.778	7.268	2.785	29.813	0.297	32.291	
11/11/2025 1:05	11.735	7.781	133.144	2.757	29.561	0.303	32.279	
11/11/2025 1:10	11.728	7.789	126.837	2.873	30.263	0.307	32.288	
11/11/2025 1:15	11.679	7.788	126.126	2.679	29.159	0.289	32.255	
11/11/2025 1:20	11.719	7.790	123.339	2.687	29.147	0.297	32.259	
11/11/2025 1:25	11.738	7.795	122.708	2.694	29.273	0.308	32.252	
11/11/2025 1:30	11.735	7.798	128.604	2.694	29.159	0.310	32.250	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/11/2025 1:35	11.699	7.805	7.129	2.700	29.291	0.297	32.246	
11/11/2025 1:40	11.722	7.809	7.685	2.822	30.035	0.297	32.245	
11/11/2025 1:45	11.712	7.812	119.790	2.715	29.381	0.299	32.234	
11/11/2025 1:50	11.709	7.816	98.173	2.702	29.261	0.296	32.234	
11/11/2025 1:55	11.742	7.819	129.093	2.695	29.129	0.286	32.232	
11/11/2025 2:00	23.943	7.823	131.322	2.729	29.387	0.282	32.228	
11/11/2025 2:05	11.696	7.827	89.598	2.735	29.471	0.272	32.217	
11/11/2025 2:10	11.673	7.830	12.029	2.713	29.381	0.315	32.216	
11/11/2025 2:15	11.705	7.835	88.043	2.707	29.285	0.293	32.209	
11/11/2025 2:20	11.751	7.954	276.586	4.007	37.002	0.286	32.157	
11/11/2025 2:25	11.676	7.986	265.309	4.142	37.867	0.309	32.161	
11/11/2025 2:30	11.745	7.942	219.568	4.668	40.981	0.300	32.206	
11/11/2025 2:35	11.666	7.902	92.922	4.425	39.613	0.296	32.272	
11/11/2025 2:40	11.712	7.848	14.472	3.526	34.176	0.303	32.306	
11/11/2025 2:45	84.861	7.823	10.424	3.156	32.052	0.290	32.306	
11/11/2025 2:50	70.970	7.808	9.450	3.092	31.619	0.300	32.306	
11/11/2025 2:55	72.368	7.799	9.111	3.479	33.858	0.288	32.306	
11/11/2025 3:00	79.011	7.795	8.684	3.320	33.006	0.289	32.306	
11/11/2025 3:05	66.393	7.788	8.031	3.355	33.222	0.305	32.306	
11/11/2025 3:10	64.211	7.781	7.805	3.170	32.046	0.295	32.306	
11/11/2025 3:15	69.966	7.778	7.779	3.063	31.409	0.294	32.306	
11/11/2025 3:20	68.437	7.772	7.607	3.042	31.301	0.300	32.305	
11/11/2025 3:25	71.593	7.768	7.280	2.944	30.767	0.296	32.305	
11/11/2025 3:30	68.831	7.767	7.269	2.978	30.977	0.293	32.305	
11/11/2025 3:35	74.041	7.763	7.134	3.034	31.283	0.295	32.301	
11/11/2025 3:40	66.656	7.763	7.200	3.035	31.265	0.288	32.299	
11/11/2025 3:45	69.585	7.763	7.015	3.177	32.160	0.290	32.302	
11/11/2025 3:50	69.484	7.761	7.022	3.037	31.295	0.287	32.264	
11/11/2025 3:55	67.669	7.762	6.970	3.001	31.097	0.290	32.263	
11/11/2025 4:00	59.317	7.763	7.030	3.006	31.085	0.294	32.256	
11/11/2025 4:05	59.851	7.767	6.952	3.036	31.301	0.288	32.249	
11/11/2025 4:10	74.290	7.770	7.157	3.029	31.181	0.285	32.236	
11/11/2025 4:15	73.644	7.772	9.621	2.980	31.013	0.301	32.231	
11/11/2025 4:20	69.287	7.774	13.052	2.966	30.905	0.287	32.213	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/11/2025 4:25	59.438	7.780	18.120	2.941	30.803	0.285	32.210	
11/11/2025 4:30	73.706	7.783	21.808	2.952	30.821	0.299	32.207	
11/11/2025 4:35	97.656	7.788	26.382	2.967	30.917	0.291	32.206	
11/11/2025 4:40	102.259	7.791	28.869	2.961	30.809	0.291	32.206	
11/11/2025 4:45	68.398	7.800	31.649	2.978	30.911	0.294	32.206	
11/11/2025 4:50	11.676	7.800	33.573	2.877	30.317	0.281	32.206	
11/11/2025 4:55	11.768	7.805	36.706	2.833	30.089	0.296	32.206	
11/11/2025 5:00	11.764	7.808	37.101	2.821	30.047	0.294	32.206	
11/11/2025 5:05	11.797	7.814	37.966	2.934	30.803	0.295	32.206	
11/11/2025 5:10	11.824	7.816	36.144	2.890	30.449	0.297	32.201	
11/11/2025 5:15	11.814	7.823	36.109	2.865	30.329	0.293	32.192	
11/11/2025 5:20	11.705	7.824	34.998	2.842	30.239	0.292	32.164	
11/11/2025 5:25	11.748	7.827	32.301	2.858	30.221	0.300	32.163	
11/11/2025 5:30	11.804	7.831	30.806	2.715	29.411	0.295	32.157	
11/11/2025 5:35	11.696	7.834	29.025	2.813	30.029	0.303	32.157	
11/11/2025 5:40	11.755	7.838	26.889	2.900	30.581	0.288	32.156	
11/11/2025 5:45	11.748	7.841	26.019	2.893	30.491	0.286	32.155	
11/11/2025 5:50	11.768	7.844	24.526	2.816	30.053	0.295	32.151	
11/11/2025 5:55	11.791	7.847	21.245	2.801	29.945	0.288	32.143	
11/11/2025 6:00	11.794	7.849	17.365	2.831	30.167	0.286	32.142	
11/11/2025 6:05	11.735	7.853	14.682	2.839	30.197	0.289	32.136	
11/11/2025 6:15	11.833	7.861	192.812	2.875	30.347	0.290	32.147	
11/11/2025 6:20	11.778	7.953	170.593	3.916	36.534	0.296	32.106	
11/11/2025 6:25	11.840	7.986	276.718	4.033	37.255	0.291	32.106	
11/11/2025 6:30	11.810	7.947	57.244	4.298	38.893	0.296	32.151	
11/11/2025 6:35	11.755	7.898	14.260	4.226	38.491	0.290	32.188	
11/11/2025 6:40	11.824	7.880	10.500	4.384	39.433	0.273	32.204	
11/11/2025 6:45	89.529	7.863	9.416	4.835	42.145	0.293	32.205	
11/11/2025 6:50	65.655	7.856	8.622	4.163	38.155	0.299	32.205	
11/11/2025 6:55	73.303	7.848	8.219	3.936	36.798	0.291	32.205	
11/11/2025 7:00	75.320	7.839	8.000	3.763	35.706	0.288	32.206	
11/11/2025 7:05	71.849	7.837	7.770	3.606	34.746	0.287	32.206	
11/11/2025 7:10	86.747	7.831	7.796	3.548	34.404	0.291	32.206	
11/11/2025 7:15	87.207	7.830	7.787	3.700	35.238	0.286	32.206	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/11/2025 7:20	85.317	7.813	7.499	3.311	32.982	0.297	32.206	
11/11/2025 7:25	86.465	7.798	7.406	3.205	32.340	0.294	32.206	
11/11/2025 7:30	72.617	7.784	7.479	3.188	32.220	0.289	32.206	
11/11/2025 7:35	91.829	7.777	7.542	3.203	32.304	0.289	32.206	
11/11/2025 7:40	89.195	7.763	7.454	3.218	32.442	0.292	32.206	
11/11/2025 7:45	90.724	7.761	7.383	3.236	32.490	0.295	32.206	
11/11/2025 7:50	94.457	7.760	7.334	3.252	32.616	0.295	32.206	
11/11/2025 7:55	87.768	7.760	7.382	3.383	33.318	0.296	32.206	
11/11/2025 8:00	101.281	7.752	7.452	3.328	33.006	0.292	32.206	
11/11/2025 8:05	89.018	7.752	64.565	3.256	32.550	0.307	32.206	
11/11/2025 8:10	11.666	7.753	120.891	3.283	32.736	0.298	32.206	
11/11/2025 8:15	11.692	7.759	121.046	3.317	32.934	0.296	32.206	
11/11/2025 8:20	11.669	7.754	121.401	3.374	33.258	0.296	32.206	
11/11/2025 8:25	11.666	7.753	121.107	3.510	34.086	0.280	32.206	
11/11/2025 8:30	11.620	7.749	121.629	3.229	32.382	0.292	32.206	
11/11/2025 8:35	11.669	7.749	122.408	3.286	32.682	0.277	32.206	
11/11/2025 8:40	11.643	7.749	122.258	3.315	32.880	0.294	32.206	
11/11/2025 8:45	11.637	7.747	122.001	3.462	33.726	0.280	32.206	
11/11/2025 8:50	11.604	7.751	7.099	3.375	33.210	0.292	32.206	
11/11/2025 8:55	11.607	7.751	6.980	3.830	35.970	0.295	32.208	
11/11/2025 9:00	11.587	7.747	7.133	3.309	32.850	0.293	32.207	
11/11/2025 9:05	11.548	7.749	7.182	3.351	33.042	0.288	32.208	
11/11/2025 9:10	11.597	7.752	7.425	3.618	34.638	0.287	32.231	
11/11/2025 9:15	11.545	7.750	6.946	3.482	33.846	0.316	32.243	
11/11/2025 9:20	11.558	7.750	6.671	3.460	33.720	0.293	32.257	
11/11/2025 9:25	11.538	7.748	6.935	3.992	36.900	0.294	32.272	
11/11/2025 9:30	11.548	7.748	6.587	3.428	33.468	0.297	32.280	
11/11/2025 9:35	11.430	7.755	6.770	3.441	33.558	0.293	32.289	
11/11/2025 9:40	11.479	7.754	6.868	3.439	33.516	0.300	32.306	
11/11/2025 9:45	11.502	7.755	6.769	3.451	33.516	0.299	32.306	
11/11/2025 9:50	11.450	7.760	6.797	3.458	33.624	0.292	32.306	
11/11/2025 9:55	11.433	7.759	6.581	3.483	33.762	0.293	32.306	
11/11/2025 10:00	11.443	7.755	6.622	3.448	33.420	0.295	32.306	
11/11/2025 10:05	11.407	7.754	6.593	3.410	33.276	0.297	32.306	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/11/2025 10:10	11.413	7.759	6.422	3.452	33.486	0.297	32.306	
11/11/2025 10:15	11.450	7.763	85.413	3.495	33.690	0.291	32.306	
11/11/2025 10:20	11.430	7.903	217.932	5.235	44.174	0.292	32.306	
11/11/2025 10:25	11.423	7.904	182.218	6.009	48.759	0.293	32.312	
11/11/2025 10:30	11.387	7.856	149.809	4.614	40.465	0.291	32.398	
11/11/2025 10:35	11.374	7.812	58.792	4.513	39.805	0.294	32.501	
11/11/2025 10:40	11.368	7.770	11.976	4.548	40.027	0.295	32.506	
11/11/2025 10:45	73.306	7.751	8.799	4.616	40.411	0.299	32.506	
11/11/2025 10:50	73.591	7.739	7.824	4.858	41.905	0.295	32.506	
11/11/2025 10:55	74.257	7.726	7.341	4.914	42.199	0.296	32.506	
11/11/2025 11:00	78.102	7.718	7.069	3.283	32.340	0.296	32.506	
11/11/2025 11:05	94.687	7.706	7.072	3.351	32.748	0.293	32.506	
11/11/2025 11:10	113.443	7.700	6.224	3.334	32.598	0.302	32.513	
11/11/2025 11:15	109.844	7.693	6.074	3.290	32.352	0.293	32.555	
11/11/2025 11:20	107.459	7.687	5.777	3.288	32.310	0.296	32.605	
11/11/2025 11:25	122.780	7.680	5.792	3.328	32.496	0.294	32.605	
11/11/2025 11:30	115.743	7.673	5.638	3.340	32.592	0.295	32.608	
11/11/2025 11:35	76.229	7.665	5.728	3.168	31.595	0.297	32.611	
11/11/2025 11:40	71.518	7.665	5.879	3.259	32.070	0.296	32.705	
11/11/2025 11:45	72.292	7.662	5.585	3.292	32.274	0.296	32.705	
11/11/2025 11:50	89.205	7.660	5.576	3.255	32.022	0.151	32.705	
11/11/2025 11:55	81.108	7.658	5.663	3.310	32.340	0.291	32.705	
11/11/2025 12:00	73.221	7.655	5.624	3.791	35.202	0.301	32.705	
11/11/2025 12:05	76.738	7.656	5.567	3.166	31.451	0.294	32.706	
11/11/2025 12:10	71.314	7.654	5.548	3.180	31.553	0.294	32.721	
11/11/2025 12:15	76.757	7.658	5.549	3.201	31.625	0.295	32.761	
11/11/2025 12:20	86.380	7.655	5.611	3.248	31.943	0.292	32.772	
11/11/2025 12:25	81.646	7.656	5.441	3.354	32.568	0.293	32.804	
11/11/2025 12:30	69.927	7.656	5.714	3.410	32.916	0.298	32.806	
11/11/2025 12:35	11.043	7.657	5.449	3.303	32.238	0.297	32.806	
11/11/2025 12:40	11.026	7.659	5.342	3.289	32.136	0.296	32.806	
11/11/2025 12:45	11.072	7.659	5.432	3.260	32.028	0.296	32.806	
11/11/2025 12:50	10.997	7.662	5.371	3.260	32.022	0.302	32.820	
11/11/2025 12:55	11.026	7.665	5.312	3.329	32.316	0.297	32.876	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/11/2025 13:00	10.980	7.667	5.381	3.281	32.124	0.295	32.906	
11/11/2025 13:05	10.977	7.666	5.374	3.429	32.952	0.293	32.906	
11/11/2025 13:10	11.013	7.669	5.365	3.344	32.442	0.296	32.906	
11/11/2025 13:15	10.971	7.672	5.456	3.343	32.400	0.294	32.906	
11/11/2025 13:20	10.990	7.674	5.353	3.634	34.248	0.296	32.906	
11/11/2025 13:25	11.030	7.677	5.453	3.633	34.224	0.304	32.906	
11/11/2025 13:30	11.003	7.682	5.414	3.568	33.762	0.297	32.906	
11/11/2025 13:35	10.951	7.685	5.371	3.126	31.067	0.300	32.906	
11/11/2025 13:40	10.951	7.685	5.315	3.190	31.499	0.301	32.906	
11/11/2025 13:45	10.954	7.691	5.284	3.211	31.577	0.301	32.906	
11/11/2025 13:50	10.961	7.692	5.410	3.400	32.754	0.295	32.907	
11/11/2025 13:55	10.911	7.697	5.378	3.401	32.754	0.295	32.955	
11/11/2025 14:00	10.954	7.696	5.441	3.375	32.520	0.295	32.937	
11/11/2025 14:05	10.954	7.698	5.300	3.271	32.028	0.292	32.994	
11/11/2025 14:10	10.944	7.696	5.267	3.264	31.841	0.299	32.956	
11/11/2025 14:15	10.944	7.695	80.242	3.256	31.829	0.295	32.958	
11/11/2025 14:20	10.971	7.808	202.951	4.440	38.887	0.310	32.906	
11/11/2025 14:25	10.928	7.836	176.085	6.120	48.987	0.300	32.906	
11/11/2025 14:30	10.911	7.792	49.254	4.718	40.603	0.294	32.906	
11/11/2025 14:35	10.875	7.743	9.555	4.691	40.405	0.297	32.906	
11/11/2025 14:40	10.941	7.721	6.965	4.351	38.287	0.312	32.906	
11/11/2025 14:45	77.538	7.702	6.151	4.355	38.449	0.299	32.906	
11/11/2025 14:50	95.117	7.691	5.948	4.136	37.050	0.300	32.906	
11/11/2025 14:55	76.449	7.679	5.678	3.775	34.950	0.298	32.906	
11/11/2025 15:00	77.515	7.673	5.713	3.428	32.856	0.301	32.906	
11/11/2025 15:05	139.309	7.660	5.672	3.466	33.060	0.303	32.906	
11/11/2025 15:10	135.405	7.654	5.627	3.666	34.248	0.301	32.906	
11/11/2025 15:15	131.284	7.648	5.594	3.592	33.864	0.301	32.906	
11/11/2025 15:20	131.635	7.641	5.570	3.597	33.912	0.299	32.906	
11/11/2025 15:25	124.608	7.636	5.614	3.525	33.516	0.305	32.906	
11/11/2025 15:30	80.878	7.634	5.686	3.554	33.642	0.308	32.906	
11/11/2025 15:35	86.626	7.635	5.675	3.833	35.394	0.308	32.906	
11/11/2025 15:40	71.075	7.634	5.701	3.190	31.571	0.309	32.906	
11/11/2025 15:45	83.243	7.635	5.752	3.221	31.739	0.306	32.906	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/11/2025 15:50	70.140	7.632	5.746	3.244	31.895	0.313	32.906	
11/11/2025 15:55	91.613	7.638	5.800	3.282	32.106	0.308	32.906	
11/11/2025 16:00	74.851	7.639	5.966	3.315	32.388	0.304	32.906	
11/11/2025 16:05	75.317	7.640	5.984	3.307	32.280	0.308	32.906	
11/11/2025 16:10	11.174	7.643	6.046	3.666	34.584	0.305	32.906	
11/11/2025 16:15	11.184	7.643	6.172	3.284	32.292	0.301	32.906	
11/11/2025 16:20	11.236	7.641	6.208	2.299	26.338	0.306	32.906	
11/11/2025 16:25	11.230	7.647	6.271	2.286	26.254	0.307	32.906	
11/11/2025 16:30	11.230	7.647	6.272	2.281	26.302	0.307	32.906	
11/11/2025 16:35	11.266	7.651	6.241	2.276	26.320	0.303	32.906	
11/11/2025 16:40	11.302	7.656	6.401	2.299	26.458	0.301	32.906	
11/11/2025 16:45	11.325	7.660	6.383	2.266	26.260	0.302	32.888	
11/11/2025 16:50	11.305	7.663	6.410	2.261	26.170	0.302	32.860	
11/11/2025 16:55	11.318	7.666	6.512	2.253	26.194	0.302	32.822	
11/11/2025 17:00	11.325	7.670	6.484	2.254	26.230	0.304	32.807	
11/11/2025 17:05	11.374	7.676	6.593	2.252	26.266	0.300	32.806	
11/11/2025 17:10	11.315	7.677	6.589	2.237	26.164	0.298	32.806	
11/11/2025 17:15	11.331	7.679	6.593	2.238	26.200	0.299	32.806	
11/11/2025 17:20	11.377	7.686	6.511	2.234	26.212	0.300	32.806	
11/11/2025 17:25	11.390	7.689	6.596	2.227	26.140	0.298	32.805	
11/11/2025 17:30	11.446	7.691	6.502	2.222	26.140	0.296	32.804	
11/11/2025 17:35	11.417	7.693	6.563	2.223	26.164	0.300	32.797	
11/11/2025 17:40	11.423	7.700	6.685	2.223	26.182	0.301	32.769	
11/11/2025 17:45	11.440	7.703	6.613	2.217	26.116	0.300	32.756	
11/11/2025 17:50	11.430	7.708	6.712	2.211	26.086	0.299	32.749	
11/11/2025 17:55	11.407	7.711	6.757	2.211	26.092	0.301	32.725	
11/11/2025 18:00	11.466	7.718	6.718	2.212	26.140	0.299	32.713	
11/11/2025 18:05	11.476	7.721	6.721	2.208	26.122	0.299	32.707	
11/11/2025 18:10	11.499	7.722	6.761	2.207	26.050	0.298	32.706	
11/11/2025 18:15	11.515	7.726	87.104	2.209	26.146	0.303	32.706	
11/11/2025 18:20	11.545	7.868	262.744	3.386	33.054	0.309	32.706	
11/11/2025 18:25	11.541	7.893	271.017	3.350	32.964	0.302	32.706	
11/11/2025 18:30	11.512	7.858	243.358	3.328	32.718	0.305	32.706	
11/11/2025 18:35	11.558	7.821	147.787	3.257	32.310	0.302	32.706	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/11/2025 18:40	11.450	7.776	14.839	2.594	28.433	0.305	32.706	
11/11/2025 18:45	97.971	7.754	10.356	2.581	28.361	0.308	32.706	
11/11/2025 18:50	66.921	7.738	9.056	2.597	28.481	0.307	32.706	
11/11/2025 18:55	72.463	7.726	8.490	2.669	28.889	0.306	32.706	
11/11/2025 19:00	68.306	7.717	8.202	2.761	29.453	0.307	32.706	
11/11/2025 19:05	71.331	7.707	7.979	2.863	30.095	0.303	32.706	
11/11/2025 19:10	67.863	7.699	7.874	2.969	30.737	0.305	32.706	
11/11/2025 19:15	74.474	7.691	7.991	2.900	30.317	0.305	32.706	
11/11/2025 19:20	69.651	7.681	14.992	2.920	30.413	0.307	32.705	
11/11/2025 19:25	70.166	7.679	21.481	2.978	30.779	0.304	32.705	
11/11/2025 19:30	68.001	7.670	28.905	3.069	31.379	0.303	32.705	
11/11/2025 19:35	69.959	7.669	37.830	3.126	31.697	0.306	32.705	
11/11/2025 19:40	79.546	7.666	47.328	3.183	31.859	0.305	32.691	
11/11/2025 19:45	72.909	7.666	53.215	3.221	32.244	0.304	32.660	
11/11/2025 19:50	70.406	7.664	58.309	3.264	32.490	0.302	32.609	
11/11/2025 19:55	105.038	7.667	63.158	2.366	27.131	0.304	32.606	
11/11/2025 20:00	125.608	7.668	69.350	2.359	27.023	0.304	32.606	
11/11/2025 20:05	102.489	7.670	75.496	2.352	27.041	0.308	32.606	
11/11/2025 20:10	102.295	7.669	79.417	2.346	27.047	0.303	32.606	
11/11/2025 20:15	194.732	7.672	85.413	2.347	27.029	0.304	32.606	
11/11/2025 20:20	11.564	7.673	90.087	2.331	26.951	0.302	32.606	
11/11/2025 20:25	11.600	7.678	94.071	2.325	26.945	0.300	32.606	
11/11/2025 20:30	11.577	7.678	97.016	2.317	26.837	0.302	32.606	
11/11/2025 20:35	11.600	7.681	100.838	2.319	26.837	0.303	32.606	
11/11/2025 20:40	11.614	7.683	100.043	2.312	26.843	0.302	32.605	
11/11/2025 20:45	11.640	7.690	101.042	2.305	26.746	0.302	32.605	
11/11/2025 20:50	11.673	7.693	102.053	2.308	26.765	0.303	32.605	
11/11/2025 20:55	11.584	7.694	102.267	2.307	26.783	0.299	32.604	
11/11/2025 21:00	11.623	7.697	104.174	2.300	26.759	0.303	32.603	
11/11/2025 21:05	11.607	7.699	104.226	2.293	26.681	0.302	32.600	
11/11/2025 21:10	11.630	7.707	101.856	2.291	26.650	0.302	32.590	
11/11/2025 21:15	11.604	7.708	99.622	2.285	26.681	0.301	32.576	
11/11/2025 21:20	11.643	7.709	96.394	2.285	26.681	0.302	32.561	
11/11/2025 21:25	11.623	7.710	90.073	2.284	26.656	0.302	32.556	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/11/2025 21:30	11.600	7.718	82.430	2.278	26.663	0.305	32.554	
11/11/2025 21:35	11.663	7.721	77.035	2.277	26.668	0.303	32.549	
11/11/2025 21:40	11.617	7.724	71.299	2.279	26.698	0.307	32.546	
11/11/2025 21:45	11.633	7.724	64.697	2.279	26.711	0.308	32.535	
11/11/2025 21:50	11.564	7.732	58.936	2.279	26.681	0.292	32.545	
11/11/2025 21:55	11.692	7.734	54.861	2.274	26.620	0.313	32.512	
11/11/2025 22:00	11.617	7.740	48.429	2.273	26.608	0.308	32.511	
11/11/2025 22:05	11.597	7.743	41.267	2.272	26.590	0.308	32.508	
11/11/2025 22:10	11.676	7.747	34.477	2.272	26.615	0.322	32.507	
11/11/2025 22:15	11.676	7.752	241.927	2.275	26.572	0.308	32.511	
11/11/2025 22:20	11.623	7.820	5.558	2.901	30.335	0.306	32.506	
11/11/2025 22:25	11.646	7.840	5.554	2.946	30.665	0.305	32.506	
11/11/2025 22:30	11.610	7.833	66.704	2.992	31.007	0.310	32.506	
11/11/2025 22:35	11.669	7.784	15.574	2.694	29.165	0.300	32.507	
11/11/2025 22:40	11.637	7.771	11.088	2.672	29.093	0.306	32.510	
11/11/2025 22:45	254.177	7.762	9.233	2.647	28.859	0.305	32.507	
11/11/2025 22:50	191.175	7.755	8.889	2.655	28.949	0.310	32.508	
11/11/2025 22:55	173.147	7.749	8.307	2.610	28.649	0.312	32.506	
11/11/2025 23:00	190.126	7.744	8.147	2.576	28.433	0.308	32.507	
11/11/2025 23:05	127.426	7.740	7.908	2.563	28.361	0.308	32.508	
11/11/2025 23:10	118.935	7.741	7.871	2.538	28.235	0.307	32.507	
11/11/2025 23:15	119.339	7.739	7.736	2.525	28.127	0.311	32.507	
11/11/2025 23:20	173.764	7.735	7.629	2.517	28.145	0.302	32.506	
11/11/2025 23:25	133.233	7.734	7.685	2.511	28.037	0.307	32.506	
11/11/2025 23:30	11.650	7.734	7.529	2.497	28.055	0.295	32.506	
11/11/2025 23:35	11.643	7.734	7.503	2.497	28.067	0.303	32.506	
11/11/2025 23:40	11.696	7.735	7.454	2.476	27.977	0.302	32.506	
11/11/2025 23:45	11.705	7.737	7.550	2.477	27.845	0.306	32.506	
11/11/2025 23:50	11.696	7.741	7.629	2.464	27.851	0.123	32.506	
11/11/2025 23:55	11.610	7.742	7.529	2.463	27.839	0.292	32.506	
11/12/2025 0:00	11.673	7.742	7.299	2.454	27.743	0.302	32.506	
11/12/2025 0:05	11.669	7.746	7.382	2.440	27.743	0.307	32.506	
11/12/2025 0:10	11.676	7.751	7.356	2.441	27.641	0.296	32.506	
11/12/2025 0:15	11.666	7.755	7.274	2.435	27.635	0.306	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/12/2025 0:20	11.696	7.756	7.235	2.425	27.659	0.311	32.506	
11/12/2025 0:25	11.686	7.764	7.187	2.420	27.587	0.307	32.506	
11/12/2025 0:30	11.689	7.765	7.132	2.414	27.563	0.307	32.506	
11/12/2025 0:35	11.640	7.771	7.242	2.406	27.551	0.306	32.506	
11/12/2025 0:40	11.682	7.774	7.140	2.408	27.485	0.309	32.506	
11/12/2025 0:45	11.689	7.774	7.290	2.400	27.467	0.307	32.506	
11/12/2025 0:50	11.686	7.775	7.344	2.393	27.467	0.308	32.506	
11/12/2025 0:55	11.712	7.781	7.362	2.393	27.461	0.304	32.506	
11/12/2025 1:00	11.732	7.785	7.125	2.376	27.347	0.307	32.506	
11/12/2025 1:05	11.656	7.787	7.220	2.372	27.239	0.321	32.506	
11/12/2025 1:10	11.682	7.788	7.377	2.362	27.269	0.306	32.506	
11/12/2025 1:15	11.686	7.791	7.400	2.362	27.227	0.307	32.506	
11/12/2025 1:20	11.676	7.793	7.331	2.363	27.215	0.314	32.506	
11/12/2025 1:25	11.692	7.793	7.389	2.357	27.245	0.306	32.506	
11/12/2025 1:30	11.692	7.791	7.223	2.356	27.239	0.306	32.506	
11/12/2025 1:35	11.709	7.794	7.337	2.351	27.137	0.306	32.506	
11/12/2025 1:40	11.682	7.796	7.323	2.349	27.137	0.307	32.506	
11/12/2025 1:45	11.705	7.802	7.281	2.349	27.137	0.307	32.506	
11/12/2025 1:50	11.692	7.808	7.323	2.351	27.119	0.310	32.506	
11/12/2025 1:55	11.660	7.811	7.176	2.343	27.125	0.305	32.506	
11/12/2025 2:00	11.682	7.810	7.045	2.342	27.149	0.310	32.506	
11/12/2025 2:05	11.676	7.813	7.119	2.344	27.143	0.306	32.506	
11/12/2025 2:10	11.696	7.815	7.191	2.336	27.023	0.307	32.506	
11/12/2025 2:15	11.722	7.820	87.059	2.337	27.125	0.308	32.506	
11/12/2025 2:20	11.725	7.928	227.005	2.986	30.935	0.307	32.495	
11/12/2025 2:25	11.702	7.944	189.466	3.228	32.424	0.309	32.506	
11/12/2025 2:30	11.709	7.895	158.160	3.500	34.038	0.311	32.506	
11/12/2025 2:35	11.709	7.865	103.007	3.364	33.204	0.311	32.542	
11/12/2025 2:40	11.646	7.825	14.469	2.691	29.159	0.312	32.603	
11/12/2025 2:45	229.715	7.806	10.197	2.657	29.033	0.313	32.605	
11/12/2025 2:50	109.559	7.788	9.405	2.556	28.409	0.314	32.605	
11/12/2025 2:55	111.570	7.782	8.729	2.536	28.283	0.313	32.605	
11/12/2025 3:00	131.557	7.775	8.288	2.507	28.061	0.315	32.605	
11/12/2025 3:05	167.921	7.766	8.036	2.515	28.223	0.311	32.605	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/12/2025 3:10	120.533	7.761	7.812	2.509	28.103	0.307	32.605	
11/12/2025 3:15	107.672	7.756	7.841	2.500	28.097	0.311	32.605	
11/12/2025 3:20	116.970	7.755	7.791	2.495	27.995	0.312	32.605	
11/12/2025 3:25	110.418	7.753	7.647	2.487	27.989	0.311	32.605	
11/12/2025 3:30	112.446	7.753	7.536	2.486	27.977	0.313	32.605	
11/12/2025 3:35	117.820	7.752	7.413	2.479	27.983	0.315	32.605	
11/12/2025 3:40	137.091	7.752	7.350	2.461	27.875	0.316	32.604	
11/12/2025 3:45	11.676	7.752	7.072	2.448	27.785	0.317	32.603	
11/12/2025 3:50	11.679	7.750	7.293	2.441	27.767	0.320	32.593	
11/12/2025 3:55	11.719	7.750	7.553	2.433	27.653	0.317	32.587	
11/12/2025 4:00	11.676	7.752	7.437	2.426	27.659	0.314	32.571	
11/12/2025 4:05	11.663	7.754	7.284	2.427	27.629	0.305	32.560	
11/12/2025 4:10	11.709	7.757	7.305	2.427	27.449	0.318	32.558	
11/12/2025 4:15	11.673	7.757	7.404	2.419	27.545	0.317	32.556	
11/12/2025 4:20	11.676	7.761	7.367	2.412	27.539	0.320	32.555	
11/12/2025 4:25	11.686	7.764	6.514	2.412	27.533	0.322	32.544	
11/12/2025 4:30	11.719	7.763	7.268	2.415	27.515	0.327	32.507	
11/12/2025 4:35	11.682	7.767	7.683	2.404	27.533	0.327	32.506	
11/12/2025 4:40	11.679	7.772	7.638	2.406	27.413	0.329	32.506	
11/12/2025 4:45	11.653	7.774	7.635	2.391	27.437	0.327	32.506	
11/12/2025 4:50	11.728	7.781	7.523	2.392	27.413	0.328	32.506	
11/12/2025 4:55	11.686	7.781	7.563	2.390	27.425	0.326	32.506	
11/12/2025 5:00	11.650	7.786	7.746	2.383	27.347	0.332	32.506	
11/12/2025 5:05	11.686	7.791	7.560	2.391	27.449	0.329	32.506	
11/12/2025 5:10	11.673	7.791	7.481	2.386	27.329	0.334	32.506	
11/12/2025 5:15	11.686	7.795	7.559	2.385	27.329	0.336	32.506	
11/12/2025 5:20	11.633	7.795	7.548	2.385	27.329	0.334	32.506	
11/12/2025 5:25	11.643	7.802	7.448	2.386	27.359	0.333	32.506	
11/12/2025 5:30	11.725	7.803	7.529	2.386	27.329	0.336	32.506	
11/12/2025 5:35	11.666	7.804	7.506	2.392	27.455	0.333	32.506	
11/12/2025 5:40	11.738	7.806	7.398	2.383	27.293	0.337	32.506	
11/12/2025 5:45	11.607	7.810	7.365	2.384	27.317	0.337	32.506	
11/12/2025 5:50	11.653	7.810	7.355	2.377	27.329	0.339	32.506	
11/12/2025 5:55	11.696	7.814	7.301	2.377	27.323	0.337	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/12/2025 6:00	11.689	7.818	7.316	2.378	27.335	0.337	32.506	
11/12/2025 6:05	11.735	7.821	7.340	2.384	27.335	0.364	32.506	
11/12/2025 6:10	11.637	7.826	7.259	2.378	27.317	0.336	32.506	
11/12/2025 6:15	11.719	7.826	89.362	2.371	27.323	0.334	32.506	
11/12/2025 6:20	11.712	7.938	276.529	3.171	31.997	0.345	32.506	
11/12/2025 6:25	11.699	7.950	253.994	3.133	31.847	0.336	32.506	
11/12/2025 6:30	11.699	7.888	74.466	3.224	32.400	0.340	32.506	
11/12/2025 6:35	11.686	7.840	14.157	2.814	29.891	0.342	32.506	
11/12/2025 6:40	11.633	7.818	9.876	2.762	29.579	0.344	32.506	
11/12/2025 6:45	230.922	7.803	9.509	2.722	29.381	0.345	32.506	
11/12/2025 6:50	94.159	7.795	8.949	2.708	29.279	0.347	32.506	
11/12/2025 6:55	147.114	7.789	8.883	2.717	29.411	0.338	32.506	
11/12/2025 7:00	109.224	7.788	9.029	2.743	29.543	0.333	32.506	
11/12/2025 7:05	99.388	7.785	8.556	2.727	29.447	0.328	32.506	
11/12/2025 7:10	104.654	7.785	8.526	2.757	29.675	0.345	32.493	
11/12/2025 7:15	99.195	7.781	8.450	2.787	29.819	0.346	32.494	
11/12/2025 7:20	125.143	7.781	8.363	2.605	28.769	0.345	32.500	
11/12/2025 7:25	93.237	7.779	8.372	2.609	28.763	0.310	32.500	
11/12/2025 7:30	11.797	7.782	8.337	2.611	28.781	0.344	32.492	
11/12/2025 7:35	11.774	7.781	8.216	2.619	28.925	0.342	32.496	
11/12/2025 7:40	11.824	7.781	8.370	2.597	28.823	0.338	32.470	
11/12/2025 7:45	11.840	7.782	8.204	2.576	28.613	0.336	32.462	
11/12/2025 7:50	11.801	7.784	8.087	2.577	28.619	0.335	32.460	
11/12/2025 7:55	11.778	7.786	8.036	2.578	28.613	0.342	32.442	
11/12/2025 8:00	11.833	7.789	8.238	2.570	28.619	0.336	32.436	
11/12/2025 8:05	11.830	7.790	7.992	2.563	28.613	0.344	32.424	
11/12/2025 8:10	11.830	7.791	8.138	2.577	28.625	0.347	32.414	
11/12/2025 8:15	11.830	7.794	8.103	2.556	28.523	0.339	32.407	
11/12/2025 8:20	11.820	7.796	7.983	2.555	28.511	0.353	32.406	
11/12/2025 8:25	11.820	7.799	8.013	2.556	28.523	0.342	32.406	
11/12/2025 8:30	11.791	7.800	7.856	2.556	28.499	0.353	32.406	
11/12/2025 8:35	11.820	7.806	7.985	2.549	28.505	0.352	32.406	
11/12/2025 8:40	11.837	7.806	8.093	2.593	28.751	0.352	32.406	
11/12/2025 8:45	11.761	7.808	7.922	2.547	28.499	0.348	32.406	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/12/2025 8:50	11.827	7.814	7.895	2.541	28.403	0.344	32.406	
11/12/2025 8:55	11.824	7.816	7.859	2.534	28.403	0.348	32.406	
11/12/2025 9:00	11.840	7.818	7.901	2.534	28.397	0.349	32.406	
11/12/2025 9:05	11.791	7.825	7.865	2.524	28.253	0.339	32.406	
11/12/2025 9:10	11.745	7.826	7.809	2.532	28.397	0.344	32.406	
11/12/2025 9:15	11.755	7.828	7.775	2.524	28.241	0.349	32.405	
11/12/2025 9:20	11.764	7.828	7.866	2.519	28.259	0.346	32.405	
11/12/2025 9:25	11.840	7.836	7.739	2.519	28.289	0.346	32.406	
11/12/2025 9:30	11.807	7.835	7.761	2.495	28.145	0.343	32.405	
11/12/2025 9:35	11.810	7.840	7.809	2.495	28.145	0.340	32.406	
11/12/2025 9:40	11.774	7.845	7.827	2.495	28.127	0.345	32.406	
11/12/2025 9:45	11.791	7.848	7.757	2.509	28.247	0.347	32.406	
11/12/2025 9:50	11.807	7.849	7.764	2.496	28.127	0.343	32.406	
11/12/2025 9:55	11.761	7.850	7.721	2.485	28.109	0.346	32.406	
11/12/2025 10:00	11.781	7.852	7.770	2.484	28.007	0.347	32.406	
11/12/2025 10:05	11.732	7.854	7.551	2.491	28.067	0.343	32.406	
11/12/2025 10:10	11.771	7.859	7.541	2.491	28.121	0.345	32.406	
11/12/2025 10:15	11.735	7.857	87.587	2.504	28.139	0.344	32.407	
11/12/2025 10:20	11.758	7.948	224.280	3.473	33.876	0.348	32.306	
11/12/2025 10:25	11.673	7.961	190.058	3.478	33.966	0.346	32.357	
11/12/2025 10:30	11.705	7.912	159.393	3.512	34.140	0.345	32.506	
11/12/2025 10:35	11.656	7.876	133.376	3.496	33.990	0.355	32.522	
11/12/2025 10:40	11.620	7.833	16.579	2.773	29.645	0.355	32.522	
11/12/2025 10:45	276.486	7.810	10.586	2.703	29.159	0.355	32.522	
11/12/2025 10:50	199.975	7.789	9.549	2.651	28.841	0.345	32.705	
11/12/2025 10:55	130.792	7.776	8.775	2.637	28.793	0.345	32.705	
11/12/2025 11:00	100.455	7.768	8.244	2.630	28.763	0.342	32.705	
11/12/2025 11:05	109.697	7.762	7.749	2.651	28.847	0.349	32.705	
11/12/2025 11:10	110.838	7.757	7.484	2.568	28.391	0.344	32.706	
11/12/2025 11:15	108.345	7.754	7.607	2.567	28.247	0.351	32.733	
11/12/2025 11:20	107.679	7.743	7.304	2.583	28.319	0.349	32.721	
11/12/2025 11:25	103.204	7.739	6.983	2.585	28.403	0.349	32.755	
11/12/2025 11:30	102.115	7.738	7.051	2.592	28.397	0.353	32.768	
11/12/2025 11:35	103.712	7.740	6.937	2.589	28.355	0.332	32.783	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/12/2025 11:40	137.980	7.740	6.898	2.547	28.127	0.347	32.805	
11/12/2025 11:45	11.446	7.738	6.791	2.544	28.115	0.352	32.806	
11/12/2025 11:50	11.387	7.735	6.611	2.557	28.109	0.189	32.806	
11/12/2025 11:55	11.427	7.736	6.674	2.548	28.067	0.342	32.820	
11/12/2025 12:00	11.413	7.739	6.632	2.539	28.067	0.345	32.901	
11/12/2025 12:05	11.390	7.736	6.653	2.552	28.007	0.346	32.906	
11/12/2025 12:10	11.351	7.737	6.586	2.555	28.079	0.350	32.906	
11/12/2025 12:15	11.377	7.742	6.598	2.524	27.839	0.354	32.906	
11/12/2025 12:20	11.345	7.740	6.533	2.546	28.007	0.347	32.954	
11/12/2025 12:25	11.299	7.741	5.980	2.519	27.761	0.356	32.983	
11/12/2025 12:30	11.249	7.742	6.148	2.527	27.827	0.353	33.006	
11/12/2025 12:35	11.230	7.741	5.731	2.515	27.677	0.353	33.016	
11/12/2025 12:40	11.213	7.741	5.561	2.476	27.425	0.351	33.013	
11/12/2025 12:45	11.210	7.742	5.834	2.481	27.503	0.349	33.052	
11/12/2025 12:50	11.203	7.745	5.642	2.515	27.683	0.355	33.106	
11/12/2025 12:55	11.207	7.748	5.507	2.485	27.431	0.362	33.106	
11/12/2025 13:00	11.154	7.748	5.522	2.489	27.557	0.359	33.106	
11/12/2025 13:05	11.151	7.749	5.554	2.537	27.701	0.360	33.106	
11/12/2025 13:10	11.099	7.748	5.540	2.563	27.863	0.363	33.116	
11/12/2025 13:15	11.043	7.749	5.467	2.447	27.185	0.357	33.149	
11/12/2025 13:20	11.082	7.752	5.543	2.481	27.275	0.356	33.170	
11/12/2025 13:25	11.036	7.749	5.389	2.458	27.149	0.357	33.156	
11/12/2025 13:30	11.043	7.748	5.354	2.450	27.131	0.358	33.156	
11/12/2025 13:35	11.033	7.748	5.410	2.415	26.885	0.357	33.170	
11/12/2025 13:40	11.030	7.749	5.330	2.390	26.753	0.354	33.198	
11/12/2025 13:45	11.056	7.753	5.288	2.388	26.753	0.347	33.162	
11/12/2025 13:50	10.997	7.753	5.365	2.473	27.161	0.350	33.157	
11/12/2025 13:55	11.023	7.753	5.323	2.403	26.723	0.357	33.156	
11/12/2025 14:00	11.003	7.759	5.321	2.382	26.615	0.356	33.170	
11/12/2025 14:05	11.016	7.760	5.293	2.381	26.638	0.353	33.156	
11/12/2025 14:10	11.023	7.757	5.348	2.389	26.741	0.355	33.149	
11/12/2025 14:15	11.056	7.763	78.983	2.400	26.759	0.352	33.114	
11/12/2025 14:20	11.039	7.873	196.719	3.521	33.444	0.357	33.106	
11/12/2025 14:25	11.072	7.862	177.404	3.708	34.614	0.360	33.108	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/12/2025 14:30	11.066	7.829	57.896	3.090	30.923	0.357	33.106	
11/12/2025 14:35	11.003	7.781	10.947	3.048	30.623	0.347	33.106	
11/12/2025 14:40	11.030	7.763	7.950	2.970	30.209	0.352	33.106	
11/12/2025 14:45	212.967	7.749	6.670	2.807	29.231	0.358	33.106	
11/12/2025 14:50	130.707	7.738	6.550	2.756	28.961	0.355	33.106	
11/12/2025 14:55	101.872	7.732	6.422	2.753	28.985	0.353	33.106	
11/12/2025 15:00	108.509	7.727	6.239	2.667	28.415	0.371	33.106	
11/12/2025 15:05	102.649	7.722	6.107	2.641	28.259	0.352	33.108	
11/12/2025 15:10	112.331	7.718	5.932	2.539	27.713	0.360	33.112	
11/12/2025 15:15	89.438	7.715	5.918	2.541	27.701	0.361	33.107	
11/12/2025 15:20	102.092	7.713	5.650	2.540	27.701	0.353	33.106	
11/12/2025 15:25	118.207	7.713	5.629	2.534	27.617	0.346	33.106	
11/12/2025 15:30	11.108	7.712	5.755	2.535	27.695	0.352	33.106	
11/12/2025 15:35	11.131	7.714	5.755	2.533	27.713	0.343	33.106	
11/12/2025 15:40	11.184	7.720	5.887	2.529	27.677	0.347	33.106	
11/12/2025 15:45	11.236	7.722	6.112	2.533	27.815	0.348	33.106	
11/12/2025 15:50	11.217	7.726	6.251	2.524	27.779	0.351	33.106	
11/12/2025 15:55	11.302	7.732	6.388	2.541	27.857	0.346	33.106	
11/12/2025 16:00	11.364	7.737	6.488	2.517	27.791	0.352	33.104	
11/12/2025 16:05	11.390	7.739	6.565	2.520	27.863	0.348	33.095	
11/12/2025 16:10	11.404	7.743	6.541	2.532	27.893	0.345	33.081	
11/12/2025 16:15	11.407	7.752	6.877	2.527	27.953	0.350	33.070	
11/12/2025 16:20	11.417	7.752	6.896	2.529	27.977	0.347	33.065	
11/12/2025 16:25	11.364	7.755	7.045	2.574	28.271	0.345	33.062	
11/12/2025 16:30	11.436	7.756	6.844	2.524	27.893	0.349	33.052	
11/12/2025 16:35	11.473	7.756	7.072	2.519	27.935	0.343	33.049	
11/12/2025 16:40	11.486	7.764	7.042	2.528	27.959	0.341	33.042	
11/12/2025 16:45	11.505	7.767	7.118	2.529	27.971	0.343	33.040	
11/12/2025 16:50	11.466	7.775	7.200	2.531	28.007	0.348	33.028	
11/12/2025 16:55	11.535	7.774	7.305	2.533	28.019	0.344	33.024	
11/12/2025 17:00	11.548	7.775	7.087	2.532	28.031	0.345	33.009	
11/12/2025 17:05	11.492	7.778	7.212	2.527	28.019	0.346	33.007	
11/12/2025 17:10	11.535	7.782	7.214	2.521	28.055	0.343	33.006	
11/12/2025 17:15	11.571	7.785	7.208	2.513	27.965	0.341	33.006	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/12/2025 17:20	11.571	7.784	7.015	2.522	28.079	0.344	33.006	
11/12/2025 17:25	11.568	7.788	7.102	2.521	28.097	0.346	33.006	
11/12/2025 17:30	11.574	7.785	7.419	2.486	27.893	0.344	33.006	
11/12/2025 17:35	11.574	7.789	7.197	2.488	27.899	0.342	33.006	
11/12/2025 17:40	11.551	7.793	7.326	2.495	27.935	0.347	33.006	
11/12/2025 17:45	11.594	7.795	7.132	2.496	27.941	0.346	33.006	
11/12/2025 17:50	11.607	7.800	7.194	2.498	27.923	0.351	33.006	
11/12/2025 17:55	11.600	7.804	7.320	2.505	27.941	0.343	33.005	
11/12/2025 18:00	11.617	7.804	7.232	2.491	27.971	0.346	33.000	
11/12/2025 18:05	11.610	7.806	7.096	2.506	28.091	0.346	32.987	
11/12/2025 18:10	11.620	7.811	7.190	2.515	28.079	0.344	32.975	
11/12/2025 18:15	11.653	7.815	87.479	2.515	28.091	0.347	32.962	
11/12/2025 18:20	11.646	7.908	197.742	3.549	34.260	0.353	32.906	
11/12/2025 18:25	11.653	7.915	187.657	4.291	38.791	0.344	32.906	
11/12/2025 18:30	11.689	7.871	160.409	4.320	38.857	0.346	32.959	
11/12/2025 18:35	11.604	7.834	81.133	3.830	35.886	0.348	33.006	
11/12/2025 18:40	11.643	7.786	14.542	2.995	31.019	0.350	33.043	
11/12/2025 18:45	195.349	7.759	10.292	2.996	30.977	0.355	33.050	
11/12/2025 18:50	102.170	7.742	9.543	2.917	30.473	0.361	33.050	
11/12/2025 18:55	106.731	7.733	8.732	2.832	29.963	0.353	33.047	
11/12/2025 19:00	104.526	7.727	8.492	2.768	29.651	0.355	33.041	
11/12/2025 19:05	102.741	7.720	8.141	2.676	29.111	0.358	33.027	
11/12/2025 19:10	126.265	7.713	8.199	2.711	29.315	0.354	33.030	
11/12/2025 19:15	109.926	7.711	7.982	2.736	29.381	0.353	33.016	
11/12/2025 19:20	102.813	7.710	7.953	2.740	29.501	0.362	33.009	
11/12/2025 19:25	106.478	7.710	7.766	2.702	29.231	0.357	33.007	
11/12/2025 19:30	101.675	7.710	7.802	2.711	29.327	0.342	33.006	
11/12/2025 19:35	99.411	7.711	7.658	2.661	29.003	0.348	33.006	
11/12/2025 19:40	106.016	7.712	7.610	2.670	28.991	0.357	33.006	
11/12/2025 19:45	11.673	7.714	7.563	2.676	29.123	0.363	33.006	
11/12/2025 19:50	11.663	7.719	7.566	2.634	28.817	0.353	33.006	
11/12/2025 19:55	11.669	7.720	7.535	2.633	28.835	0.353	33.006	
11/12/2025 20:00	11.673	7.724	7.589	2.642	28.931	0.358	33.006	
11/12/2025 20:05	11.732	7.728	7.439	2.627	28.889	0.359	33.005	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/12/2025 20:10	11.679	7.728	7.299	2.598	28.613	0.356	33.005	
11/12/2025 20:15	11.640	7.728	7.514	2.597	28.613	0.360	33.001	
11/12/2025 20:20	11.682	7.733	12.686	2.599	28.595	0.362	32.989	
11/12/2025 20:25	11.673	7.739	18.787	2.605	28.721	0.355	32.964	
11/12/2025 20:30	11.705	7.740	26.612	2.606	28.733	0.369	32.956	
11/12/2025 20:35	11.679	7.745	34.030	2.636	28.835	0.357	32.955	
11/12/2025 20:40	11.692	7.747	39.502	2.607	28.709	0.353	32.940	
11/12/2025 20:45	11.666	7.751	47.184	2.598	28.607	0.363	32.916	
11/12/2025 20:50	11.745	7.755	56.154	2.601	28.607	0.355	32.906	
11/12/2025 20:55	11.715	7.758	63.728	2.599	28.601	0.355	32.906	
11/12/2025 21:00	11.656	7.766	71.872	2.599	28.589	0.356	32.906	
11/12/2025 21:05	11.712	7.772	78.886	2.578	28.487	0.354	32.906	
11/12/2025 21:10	11.663	7.770	87.714	2.599	28.619	0.352	32.906	
11/12/2025 21:15	11.705	7.772	95.980	2.606	28.685	0.354	32.906	
11/12/2025 21:20	11.600	7.777	103.940	2.614	28.703	0.352	32.906	
11/12/2025 21:25	11.676	7.780	111.744	2.605	28.661	0.353	32.906	
11/12/2025 21:30	11.735	7.787	119.335	2.606	28.667	0.353	32.906	
11/12/2025 21:35	11.673	7.787	125.372	2.742	29.417	0.351	32.904	
11/12/2025 21:40	11.653	7.794	132.103	2.649	28.889	0.350	32.843	
11/12/2025 21:45	11.705	7.796	135.553	2.628	28.787	0.349	32.809	
11/12/2025 21:50	11.699	7.797	139.376	2.620	28.775	0.360	32.806	
11/12/2025 21:55	11.692	7.803	142.146	2.629	28.781	0.354	32.806	
11/12/2025 22:00	23.579	7.805	144.970	2.641	28.889	0.356	32.806	
11/12/2025 22:05	11.722	7.809	148.909	2.642	28.901	0.352	32.805	
11/12/2025 22:10	11.725	7.809	151.465	2.706	29.207	0.354	32.801	
11/12/2025 22:15	11.755	7.815	276.550	2.685	29.081	0.350	32.792	
11/12/2025 22:20	11.646	7.839	5.579	3.540	34.272	0.361	32.806	
11/12/2025 22:25	11.666	7.832	5.576	3.498	34.050	0.352	32.806	
11/12/2025 22:30	11.719	7.816	154.522	4.127	37.771	0.359	32.899	
11/12/2025 22:35	11.715	7.786	129.705	3.548	34.266	0.360	32.906	
11/12/2025 22:40	11.712	7.773	135.041	3.464	33.852	0.358	32.906	
11/12/2025 22:45	224.902	7.766	144.266	3.508	34.026	0.362	32.906	
11/12/2025 22:50	154.430	7.761	138.833	3.408	33.402	0.361	32.905	
11/12/2025 22:55	182.960	7.760	129.916	3.193	32.232	0.358	32.905	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
11/12/2025 23:00	162.504	7.759	121.796	3.030	31.193	0.360	32.905	
11/12/2025 23:05	147.065	7.760	115.079	2.994	30.965	0.357	32.904	
11/12/2025 23:10	155.260	7.760	110.004	3.137	31.835	0.340	32.894	
11/12/2025 23:15	137.754	7.760	104.841	3.009	31.073	0.359	32.889	
11/12/2025 23:20	136.812	7.767	99.701	2.952	30.779	0.357	32.849	
11/12/2025 23:25	115.271	7.766	94.858	2.932	30.659	0.363	32.822	
11/12/2025 23:30	11.705	7.768	88.593	2.881	30.353	0.358	32.809	
11/12/2025 23:35	11.705	7.766	83.082	2.867	30.251	0.360	32.806	
11/12/2025 23:40	11.755	7.768	77.290	2.847	30.167	0.357	32.806	
11/12/2025 23:45	11.722	7.768	71.245	2.873	30.359	0.357	32.806	
11/12/2025 23:50	11.715	7.771	65.502	2.896	30.467	0.193	32.806	
11/12/2025 23:55	11.774	7.776	60.662	2.902	30.479	0.347	32.806	
13/11/2025 00:00:00	11.728	7.776	56.202	2.931	30.695	0.354	32.806	
13/11/2025 00:05:00	11.742	7.778	49.661	2.938	30.695	0.357	32.805	
13/11/2025 00:10:00	11.725	7.778	44.467	3.180	32.196	0.355	32.805	
13/11/2025 00:15:00	11.702	7.781	37.837	3.045	31.331	0.356	32.800	
13/11/2025 00:20:00	11.676	7.781	29.945	3.002	31.121	0.353	32.795	
13/11/2025 00:25:00	11.758	7.783	22.606	2.989	31.031	0.360	32.790	
13/11/2025 00:30:00	11.715	7.788	17.143	2.932	30.695	0.355	32.783	
13/11/2025 00:35:00	11.732	7.788	10.779	2.932	30.707	0.362	32.776	
13/11/2025 00:40:00	11.745	7.790	7.892	2.933	30.767	0.358	32.776	
13/11/2025 00:45:00	11.702	7.790	7.665	2.953	30.839	0.355	32.760	
13/11/2025 00:50:00	11.735	7.794	7.416	2.947	30.731	0.358	32.757	
13/11/2025 00:55:00	11.745	7.797	7.500	2.940	30.737	0.357	32.756	
13/11/2025 01:00:00	11.725	7.799	7.464	2.942	30.701	0.365	32.754	
13/11/2025 01:05:00	11.705	7.806	7.406	2.940	30.737	0.357	32.752	
13/11/2025 01:10:00	11.748	7.806	7.382	2.954	30.869	0.355	32.749	
13/11/2025 01:15:00	11.755	7.808	7.421	3.056	31.379	0.357	32.722	
13/11/2025 01:20:00	11.738	7.811	7.385	3.000	31.049	0.354	32.716	
13/11/2025 01:25:00	11.748	7.811	7.424	2.972	30.977	0.355	32.710	
13/11/2025 01:30:00	11.696	7.815	7.583	2.971	31.001	0.359	32.706	
13/11/2025 01:35:00	11.778	7.814	7.418	2.963	30.893	0.363	32.706	
13/11/2025 01:40:00	11.735	7.819	7.434	2.993	31.097	0.356	32.706	
13/11/2025 01:45:00	11.761	7.823	7.398	3.145	31.956	0.361	32.706	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
13/11/2025 01:50:00	11.764	7.823	7.563	3.052	31.385	0.358	32.706	
13/11/2025 01:55:00	11.751	7.824	7.371	3.015	31.211	0.357	32.706	
13/11/2025 02:00:00	11.755	7.830	7.424	3.009	31.229	0.358	32.706	
13/11/2025 02:05:00	11.758	7.829	7.367	3.021	31.205	0.356	32.706	
13/11/2025 02:10:00	11.715	7.829	7.334	3.021	31.217	0.357	32.706	
13/11/2025 02:15:00	11.778	7.831	86.088	2.702	29.369	0.354	32.706	
13/11/2025 02:20:00	11.810	7.927	258.858	4.242	38.557	0.355	32.687	
13/11/2025 02:25:00	11.787	7.886	185.496	4.357	39.175	0.353	32.705	
13/11/2025 02:30:00	11.810	7.847	152.674	4.272	38.773	0.357	32.711	
13/11/2025 02:35:00	11.778	7.812	79.150	3.278	32.814	0.360	32.897	
13/11/2025 02:40:00	11.663	7.779	14.082	3.042	31.409	0.359	32.906	
13/11/2025 02:45:00	223.783	7.761	10.187	3.073	31.517	0.361	32.906	
13/11/2025 02:50:00	116.061	7.752	9.207	2.924	30.641	0.364	32.906	
13/11/2025 02:55:00	123.345	7.747	8.498	2.896	30.455	0.366	32.906	
13/11/2025 03:00:00	107.475	7.742	8.102	2.908	30.581	0.365	32.906	
13/11/2025 03:05:00	109.588	7.739	8.013	2.900	30.563	0.364	32.906	
13/11/2025 03:10:00	100.812	7.739	7.869	2.880	30.335	0.364	32.906	
13/11/2025 03:15:00	132.807	7.735	7.692	2.715	29.381	0.364	32.906	
13/11/2025 03:20:00	114.008	7.736	7.595	2.722	29.513	0.364	32.906	
13/11/2025 03:25:00	130.812	7.736	7.488	2.725	29.483	0.364	32.906	
13/11/2025 03:30:00	129.913	7.737	7.596	2.722	29.465	0.363	32.906	
13/11/2025 03:35:00	105.838	7.738	7.500	2.723	29.483	0.360	32.906	
13/11/2025 03:40:00	102.226	7.741	7.529	2.725	29.495	0.365	32.906	
13/11/2025 03:45:00	11.755	7.740	7.326	2.736	29.609	0.363	32.906	
13/11/2025 03:50:00	11.758	7.741	7.304	2.687	29.291	0.398	32.905	
13/11/2025 03:55:00	11.758	7.742	7.301	2.657	29.069	0.361	32.903	
13/11/2025 04:00:00	11.778	7.745	7.323	2.654	29.075	0.364	32.901	
13/11/2025 04:05:00	11.728	7.748	7.259	2.651	29.147	0.360	32.877	
13/11/2025 04:10:00	11.764	7.750	7.313	2.658	29.063	0.362	32.860	
13/11/2025 04:15:00	11.791	7.752	7.266	2.657	29.069	0.365	32.825	
13/11/2025 04:20:00	11.778	7.753	7.277	2.664	29.111	0.361	32.811	
13/11/2025 04:25:00	11.781	7.753	7.340	2.643	28.997	0.368	32.806	
13/11/2025 04:30:00	11.738	7.754	7.293	2.645	28.973	0.366	32.806	
13/11/2025 04:35:00	11.764	7.757	7.230	2.637	28.973	0.366	32.806	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
13/11/2025 04:40:00	11.748	7.760	7.302	2.645	28.967	0.364	32.806	
13/11/2025 04:45:00	11.748	7.762	7.139	2.636	28.961	0.369	32.806	
13/11/2025 04:50:00	11.774	7.769	7.418	2.665	29.177	0.358	32.806	
13/11/2025 04:55:00	11.787	7.771	7.185	2.659	29.075	0.364	32.806	
13/11/2025 05:00:00	11.787	7.771	7.148	2.651	29.081	0.364	32.805	
13/11/2025 05:05:00	11.764	7.774	7.146	2.650	29.075	0.364	32.805	
13/11/2025 05:10:00	11.764	7.775	7.220	2.654	29.147	0.361	32.803	
13/11/2025 05:15:00	11.751	7.775	7.268	2.656	29.039	0.364	32.794	
13/11/2025 05:20:00	11.764	7.779	7.214	2.701	29.405	0.364	32.779	
13/11/2025 05:25:00	11.768	7.783	7.130	2.666	29.117	0.363	32.759	
13/11/2025 05:30:00	11.771	7.783	7.203	2.665	29.075	0.371	32.758	
13/11/2025 05:35:00	11.761	7.786	7.278	2.668	29.171	0.363	32.756	
13/11/2025 05:40:00	11.768	7.789	7.316	2.679	29.189	0.365	32.750	
13/11/2025 05:45:00	11.722	7.791	7.346	2.688	29.285	0.361	32.740	
13/11/2025 05:50:00	11.758	7.791	7.346	2.686	29.279	0.367	32.735	
13/11/2025 05:55:00	11.738	7.791	7.227	2.716	29.387	0.367	32.712	
13/11/2025 06:00:00	11.742	7.793	7.296	2.697	29.285	0.363	32.710	
13/11/2025 06:05:00	11.778	7.798	7.386	2.702	29.381	0.366	32.707	
13/11/2025 06:10:00	11.804	7.801	7.431	2.707	29.399	0.361	32.706	
13/11/2025 06:15:00	11.722	7.801	85.193	2.715	29.351	0.365	32.706	
13/11/2025 06:20:00	11.758	7.876	205.395	4.035	37.237	0.370	32.706	
13/11/2025 06:25:00	11.738	7.840	189.715	3.806	35.844	0.369	32.706	
13/11/2025 06:30:00	11.748	7.816	54.522	3.812	35.976	0.370	32.706	
13/11/2025 06:35:00	11.745	7.784	13.169	3.339	33.192	0.365	32.723	
13/11/2025 06:40:00	11.758	7.777	9.956	3.332	33.096	0.371	32.736	
13/11/2025 06:45:00	232.120	7.769	8.862	3.418	33.594	0.366	32.735	
13/11/2025 06:50:00	114.847	7.769	8.468	3.447	33.810	0.364	32.745	
13/11/2025 06:55:00	78.424	7.763	8.112	3.394	33.444	0.367	32.737	
13/11/2025 07:00:00	75.478	7.760	7.799	3.036	31.307	0.374	32.743	
13/11/2025 07:05:00	68.716	7.758	7.595	3.006	31.079	0.365	32.748	
13/11/2025 07:10:00	62.702	7.756	7.587	2.999	31.079	0.368	32.752	
13/11/2025 07:15:00	71.436	7.753	7.392	2.969	30.851	0.367	32.754	
13/11/2025 07:20:00	71.987	7.754	7.410	2.924	30.563	0.370	32.757	
13/11/2025 07:25:00	69.120	7.754	7.293	2.936	30.599	0.374	32.770	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
13/11/2025 07:30:00	70.537	7.753	7.224	2.901	30.437	0.370	32.757	
13/11/2025 07:35:00	73.562	7.752	7.313	2.884	30.329	0.369	32.757	
13/11/2025 07:40:00	72.210	7.751	7.139	2.926	30.503	0.369	32.763	
13/11/2025 07:45:00	61.616	7.751	7.145	3.003	31.049	0.370	32.766	
13/11/2025 07:50:00	11.581	7.751	7.149	3.065	31.289	0.363	32.773	
13/11/2025 07:55:00	11.469	7.751	7.013	3.106	31.613	0.375	32.778	
13/11/2025 08:00:00	11.509	7.755	6.884	3.047	31.163	0.364	32.790	
13/11/2025 08:05:00	11.587	7.755	6.926	3.110	31.577	0.370	32.804	
13/11/2025 08:10:00	11.499	7.755	6.760	3.042	31.091	0.370	32.805	
13/11/2025 08:15:00	11.499	7.753	6.478	2.962	30.617	0.362	32.805	
13/11/2025 08:20:00	11.473	7.757	6.551	2.976	30.761	0.366	32.806	
13/11/2025 08:25:00	11.495	7.754	6.538	2.988	30.821	0.369	32.805	
13/11/2025 08:30:00	11.390	7.758	6.464	3.015	30.899	0.368	32.805	
13/11/2025 08:35:00	11.453	7.759	6.542	3.011	30.911	0.368	32.805	
13/11/2025 08:40:00	11.450	7.760	6.601	3.021	30.887	0.370	32.806	
13/11/2025 08:45:00	11.440	7.762	6.667	3.042	31.115	0.373	32.806	
13/11/2025 08:50:00	11.453	7.761	6.436	3.072	31.241	0.374	32.809	
13/11/2025 08:55:00	11.397	7.761	6.536	3.089	31.385	0.370	32.832	
13/11/2025 09:00:00	11.407	7.759	6.394	2.981	30.611	0.376	32.839	
13/11/2025 09:05:00	11.384	7.757	6.340	3.008	30.791	0.374	32.880	
13/11/2025 09:10:00	11.377	7.758	6.410	3.013	30.911	0.363	32.901	
13/11/2025 09:15:00	11.345	7.758	6.359	3.019	30.839	0.368	32.906	
13/11/2025 09:20:00	11.364	7.761	6.362	3.040	30.935	0.361	32.906	
13/11/2025 09:25:00	11.335	7.762	6.304	3.054	31.079	0.366	32.906	
13/11/2025 09:30:00	11.335	7.762	6.485	3.115	31.433	0.375	32.906	
13/11/2025 09:35:00	11.305	7.759	6.236	3.070	31.121	0.369	32.906	
13/11/2025 09:40:00	11.282	7.760	6.164	3.055	30.995	0.359	32.906	
13/11/2025 09:45:00	11.259	7.763	6.157	3.060	31.049	0.367	32.954	
13/11/2025 09:50:00	11.226	7.766	6.061	3.066	31.025	0.367	32.984	
13/11/2025 09:55:00	11.226	7.764	6.043	3.077	31.097	0.367	33.006	
13/11/2025 10:00:00	11.207	7.767	6.055	3.040	30.887	0.368	33.008	
13/11/2025 10:05:00	11.197	7.766	5.689	3.067	31.049	0.366	33.013	
13/11/2025 10:10:00	11.174	7.765	5.699	3.102	31.229	0.364	33.036	
13/11/2025 10:15:00	11.213	7.765	82.142	3.116	31.223	0.370	33.043	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
13/11/2025 10:20:00	11.197	7.821	208.393	5.055	42.884	0.371	33.006	
13/11/2025 10:25:00	11.194	7.817	182.845	4.680	40.633	0.362	33.014	
13/11/2025 10:30:00	11.131	7.793	158.360	4.481	40.129	0.367	33.106	
13/11/2025 10:35:00	11.141	7.763	99.164	4.222	37.843	0.372	33.222	
13/11/2025 10:40:00	11.082	7.731	11.261	3.265	32.100	0.376	33.307	
13/11/2025 10:45:00	101.787	7.715	7.665	3.178	31.565	0.375	33.307	
13/11/2025 10:50:00	72.502	7.706	6.664	3.173	31.547	0.375	33.307	
13/11/2025 10:55:00	78.391	7.696	6.293	3.052	30.791	0.375	33.307	
13/11/2025 11:00:00	75.547	7.691	6.205	2.994	30.455	0.379	33.307	
13/11/2025 11:05:00	73.549	7.688	6.269	2.837	29.501	0.378	33.307	
13/11/2025 11:10:00	78.106	7.685	5.957	2.829	29.507	0.376	33.313	
13/11/2025 11:15:00	75.868	7.683	5.881	2.879	29.693	0.372	33.359	
13/11/2025 11:20:00	72.299	7.683	5.687	2.764	29.039	0.379	33.404	
13/11/2025 11:25:00	73.093	7.681	5.603	2.757	29.021	0.380	33.407	
13/11/2025 11:30:00	80.881	7.678	5.549	2.755	29.009	0.379	33.407	
13/11/2025 11:35:00	75.950	7.674	5.624	2.775	29.093	0.382	33.407	
13/11/2025 11:40:00	88.332	7.673	5.689	2.846	29.531	0.379	33.408	
13/11/2025 11:45:00	83.102	7.674	5.633	2.930	30.035	0.379	33.483	
13/11/2025 11:50:00	85.369	7.673	5.626	2.928	30.011	0.182	33.508	
13/11/2025 11:55:00	78.982	7.673	5.431	2.943	30.017	0.364	33.508	
13/11/2025 12:00:00	83.624	7.673	5.453	2.940	30.083	0.370	33.508	
13/11/2025 12:05:00	81.938	7.677	5.453	2.825	29.363	0.379	33.511	
13/11/2025 12:10:00	80.189	7.672	5.362	2.831	29.387	0.375	33.509	
13/11/2025 12:15:00	81.111	7.672	5.383	2.849	29.507	0.376	33.514	
13/11/2025 12:20:00	78.276	7.672	5.350	2.814	29.273	0.373	33.548	
13/11/2025 12:25:00	77.440	7.673	5.387	2.793	29.159	0.377	33.559	
13/11/2025 12:30:00	10.977	7.678	5.455	2.778	29.051	0.388	33.607	
13/11/2025 12:35:00	11.020	7.682	5.383	2.878	29.567	0.378	33.616	
13/11/2025 12:40:00	10.951	7.683	5.333	2.791	29.135	0.379	33.614	
13/11/2025 12:45:00	10.938	7.681	5.288	2.777	29.015	0.375	33.706	
13/11/2025 12:50:00	10.987	7.683	5.264	2.774	28.991	0.378	33.709	
13/11/2025 12:55:00	10.931	7.681	5.293	2.866	29.507	0.381	33.709	
13/11/2025 13:05:00	10.908	7.685	5.254	2.855	29.477	0.378	33.709	
13/11/2025 13:10:00	10.862	7.684	5.249	2.763	28.829	0.384	33.709	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
13/11/2025 13:15:00	10.898	7.686	5.248	2.734	28.691	0.381	33.709	
13/11/2025 13:20:00	10.931	7.688	5.251	2.721	28.649	0.382	33.709	
13/11/2025 13:25:00	10.938	7.689	5.261	2.735	28.751	0.380	33.709	
13/11/2025 13:30:00	10.908	7.689	5.291	2.765	28.853	0.380	33.709	
13/11/2025 13:35:00	10.902	7.691	5.348	2.786	28.979	0.380	33.709	
13/11/2025 13:40:00	10.895	7.691	5.339	2.788	28.991	0.382	33.709	
13/11/2025 13:45:00	10.948	7.693	5.345	2.745	28.793	0.379	33.709	
13/11/2025 13:50:00	10.921	7.697	5.321	2.746	28.775	0.380	33.709	
13/11/2025 13:55:00	11.016	7.699	5.333	2.782	28.997	0.384	33.709	
13/11/2025 14:00:00	10.964	7.701	5.354	2.762	28.913	0.381	33.709	
13/11/2025 14:05:00	10.961	7.704	5.365	2.776	29.039	0.382	33.709	
13/11/2025 14:10:00	10.931	7.710	5.393	2.771	28.913	0.382	33.709	
13/11/2025 14:15:00	10.944	7.705	78.271	2.771	28.931	0.390	33.709	
13/11/2025 14:20:00	11.020	7.769	207.332	4.080	36.774	0.385	33.548	
13/11/2025 14:25:00	10.967	7.774	179.355	4.028	36.510	0.388	33.558	
13/11/2025 14:30:00	11.053	7.744	150.506	4.339	38.347	0.385	33.508	
13/11/2025 14:35:00	11.039	7.709	16.752	3.630	34.188	0.385	33.507	
13/11/2025 14:40:00	11.069	7.696	8.118	3.085	31.001	0.387	33.465	
13/11/2025 14:45:00	78.106	7.687	6.842	3.110	31.121	0.386	33.413	
13/11/2025 14:50:00	70.209	7.688	6.694	3.237	31.943	0.385	33.407	
13/11/2025 14:55:00	68.030	7.681	6.361	3.059	30.803	0.379	33.407	
13/11/2025 15:00:00	50.170	7.681	6.374	3.125	31.277	0.390	33.407	
13/11/2025 15:05:00	55.301	7.676	6.353	2.942	30.239	0.388	33.407	
13/11/2025 15:10:00	63.431	7.677	6.394	3.031	30.803	0.392	33.407	
13/11/2025 15:15:00	102.682	7.674	6.245	2.927	30.077	0.385	33.407	
13/11/2025 15:20:00	105.612	7.674	6.254	2.928	30.191	0.383	33.407	
13/11/2025 15:25:00	95.819	7.674	6.335	2.982	30.431	0.388	33.407	
13/11/2025 15:30:00	103.824	7.677	6.269	3.052	31.001	0.389	33.407	
13/11/2025 15:35:00	95.113	7.681	6.176	3.076	31.127	0.389	33.407	
13/11/2025 15:40:00	99.283	7.682	6.197	2.962	30.419	0.386	33.407	
13/11/2025 15:45:00	98.171	7.680	6.031	2.930	30.239	0.387	33.407	
13/11/2025 15:50:00	11.312	7.683	6.272	2.926	30.317	0.385	33.407	
13/11/2025 15:55:00	64.677	7.687	6.349	2.905	30.215	0.441	33.407	
13/11/2025 16:00:00	58.877	7.689	6.323	2.899	30.101	0.378	33.404	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
13/11/2025 16:05:00	61.741	7.691	6.365	2.915	30.215	0.382	33.398	
13/11/2025 16:10:00	55.855	7.696	6.370	2.916	30.233	0.382	33.373	
13/11/2025 16:15:00	59.635	7.697	6.386	2.932	30.377	0.385	33.358	
13/11/2025 16:20:00	11.443	7.698	6.484	2.934	30.413	0.383	33.349	
13/11/2025 16:25:00	11.433	7.701	6.560	2.936	30.443	0.389	33.327	
13/11/2025 16:30:00	11.417	7.706	5.660	2.943	30.467	0.385	33.309	
13/11/2025 16:35:00	11.430	7.707	6.514	2.959	30.581	0.385	33.307	
13/11/2025 16:40:00	11.473	7.707	6.896	2.960	30.629	0.392	33.307	
13/11/2025 16:45:00	11.479	7.710	6.869	3.062	31.271	0.379	33.307	
13/11/2025 16:50:00	11.492	7.713	6.952	3.013	30.953	0.386	33.307	
13/11/2025 16:55:00	11.499	7.715	7.100	2.985	30.779	0.388	33.307	
13/11/2025 17:00:00	11.489	7.721	7.034	3.007	30.905	0.383	33.307	
13/11/2025 17:05:00	11.564	7.723	6.985	3.010	30.929	0.389	33.307	
13/11/2025 17:10:00	11.545	7.723	7.045	3.016	31.013	0.387	33.307	
13/11/2025 17:15:00	11.525	7.727	7.072	3.017	31.025	0.384	33.307	
13/11/2025 17:20:00	11.574	7.727	6.971	3.003	30.935	0.390	33.307	
13/11/2025 17:25:00	11.535	7.731	6.886	3.017	31.019	0.382	33.307	
13/11/2025 17:30:00	11.509	7.732	6.845	3.012	30.965	0.382	33.307	
13/11/2025 17:35:00	11.568	7.737	6.890	3.027	31.073	0.382	33.307	
13/11/2025 17:40:00	11.640	7.741	6.953	3.056	31.355	0.381	33.307	
13/11/2025 17:45:00	11.600	7.742	7.078	3.110	31.673	0.386	33.307	
13/11/2025 17:50:00	11.591	7.742	7.006	3.079	31.433	0.380	33.307	
13/11/2025 17:55:00	11.597	7.745	7.015	3.059	31.349	0.377	33.307	
13/11/2025 18:00:00	11.571	7.750	7.118	3.059	31.367	0.382	33.307	
13/11/2025 18:05:00	11.637	7.752	7.104	3.071	31.373	0.379	33.307	
13/11/2025 18:10:00	11.600	7.753	7.133	3.090	31.499	0.381	33.307	
13/11/2025 18:15:00	11.663	7.757	91.086	3.434	33.618	0.383	33.307	
13/11/2025 18:20:00	11.623	7.820	243.930	4.588	40.417	0.389	33.173	
13/11/2025 18:25:00	11.643	7.830	154.466	4.994	42.890	0.387	33.156	
13/11/2025 18:30:00	11.676	7.796	177.227	5.168	44.000	0.387	33.274	
13/11/2025 18:35:00	11.692	7.750	144.520	4.973	42.818	0.383	33.307	
13/11/2025 18:40:00	11.643	7.710	30.177	4.532	40.195	0.392	33.307	
13/11/2025 18:45:00	149.024	7.687	11.544	4.120	37.741	0.390	33.307	
13/11/2025 18:50:00	101.357	7.670	9.581	4.028	37.183	0.384	33.307	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
13/11/2025 18:55:00	101.271	7.661	8.741	3.899	36.456	0.394	33.307	
13/11/2025 19:05:00	103.148	7.651	7.664	4.185	38.143	0.385	33.307	
13/11/2025 19:10:00	112.728	7.646	7.565	4.071	37.423	0.386	33.307	
13/11/2025 19:15:00	103.273	7.646	7.668	4.020	37.098	0.391	33.307	
13/11/2025 19:20:00	110.517	7.642	7.725	3.479	33.888	0.386	33.307	
13/11/2025 19:25:00	158.771	7.640	7.728	3.544	34.314	0.386	33.307	
13/11/2025 19:30:00	96.603	7.638	7.415	3.814	35.910	0.386	33.307	
13/11/2025 19:35:00	108.004	7.639	7.413	3.680	35.076	0.387	33.307	
13/11/2025 19:40:00	101.127	7.638	7.425	3.659	34.986	0.384	33.307	
13/11/2025 19:45:00	104.703	7.638	7.307	3.673	35.082	0.388	33.307	
13/11/2025 19:50:00	11.676	7.645	7.418	3.836	36.054	0.388	33.307	
13/11/2025 19:55:00	11.653	7.647	7.109	3.722	35.424	0.388	33.307	
13/11/2025 20:00:00	11.679	7.651	7.027	3.730	35.406	0.385	33.307	
13/11/2025 20:05:00	11.653	7.655	7.019	3.708	35.310	0.388	33.307	
13/11/2025 20:10:00	11.669	7.656	7.133	3.724	35.430	0.386	33.307	
13/11/2025 20:15:00	11.676	7.659	7.254	3.760	35.676	0.385	33.307	
13/11/2025 20:20:00	11.696	7.662	7.121	3.960	36.828	0.389	33.307	
13/11/2025 20:25:00	11.702	7.663	7.114	3.888	36.408	0.382	33.307	
13/11/2025 20:30:00	11.725	7.669	6.982	3.861	36.210	0.384	33.307	
13/11/2025 20:35:00	11.712	7.670	7.006	3.864	36.210	0.386	33.307	
13/11/2025 20:40:00	11.692	7.672	7.069	3.870	36.228	0.386	33.307	
13/11/2025 20:45:00	11.663	7.676	7.006	3.875	36.312	0.384	33.307	
13/11/2025 20:50:00	11.702	7.676	8.810	4.261	38.545	0.386	33.307	
13/11/2025 20:55:00	11.673	7.680	17.010	3.848	36.096	0.384	33.303	
13/11/2025 21:00:00	11.709	7.683	28.674	3.869	36.354	0.386	33.256	
13/11/2025 21:05:00	11.705	7.689	41.387	3.884	36.336	0.383	33.207	
13/11/2025 21:10:00	11.709	7.690	51.673	3.870	36.252	0.386	33.206	
13/11/2025 21:15:00	11.682	7.694	61.864	3.922	36.528	0.386	33.165	
13/11/2025 21:20:00	11.735	7.700	74.001	4.021	37.207	0.385	33.155	
13/11/2025 21:25:00	11.709	7.703	90.319	4.314	38.917	0.386	33.106	
13/11/2025 21:30:00	11.742	7.707	102.939	4.286	38.809	0.385	33.106	
13/11/2025 21:35:00	11.715	7.711	120.465	4.400	39.469	0.382	33.097	
13/11/2025 21:40:00	11.771	7.714	135.238	4.566	40.519	0.382	33.010	
13/11/2025 21:45:00	11.702	7.718	148.408	4.787	41.785	0.381	33.006	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
13/11/2025 21:50:00	11.735	7.722	162.426	4.978	42.980	0.377	32.955	
13/11/2025 21:55:00	11.755	7.731	174.998	4.856	42.193	0.378	32.925	
13/11/2025 22:00:00	11.755	7.736	184.395	5.200	44.246	0.378	32.906	
13/11/2025 22:05:00	11.738	7.735	192.986	5.257	44.552	0.375	32.906	
13/11/2025 22:10:00	11.692	7.744	203.406	5.334	45.080	0.371	32.906	
13/11/2025 22:15:00	11.656	7.746	78.047	5.461	45.824	0.371	32.806	
13/11/2025 22:20:00	11.715	7.768	5.588	5.547	46.418	0.369	33.092	
13/11/2025 22:25:00	11.735	7.751	5.590	5.803	47.889	0.380	33.106	
13/11/2025 22:30:00	11.722	7.734	5.585	6.417	51.645	0.381	33.109	
13/11/2025 22:35:00	11.712	7.717	5.585	5.937	48.813	0.383	33.205	
13/11/2025 22:40:00	11.748	7.697	261.070	5.506	46.016	0.383	33.207	
13/11/2025 22:45:00	11.732	7.688	240.315	4.506	40.021	0.383	33.218	
13/11/2025 22:50:00	11.699	7.683	254.939	4.568	40.441	0.381	33.211	
13/11/2025 22:55:00	11.676	7.683	265.751	2.998	31.001	0.383	33.211	
13/11/2025 23:00:00	11.653	7.679	276.564	3.049	31.325	0.386	33.207	
13/11/2025 23:05:00	11.732	7.683	276.559	3.079	31.403	0.388	33.207	
13/11/2025 23:10:00	11.728	7.683	276.579	3.078	31.427	0.385	33.206	
13/11/2025 23:15:00	11.742	7.683	276.597	3.098	31.547	0.384	33.206	
13/11/2025 23:20:00	11.732	7.689	276.598	3.120	31.667	0.384	33.206	
13/11/2025 23:25:00	11.719	7.690	276.591	3.405	33.348	0.384	33.206	
13/11/2025 23:30:00	11.712	7.692	276.592	3.177	32.076	0.384	33.196	
13/11/2025 23:35:00	11.715	7.694	273.723	3.207	32.214	0.385	33.192	
13/11/2025 23:40:00	11.761	7.696	267.763	3.221	32.316	0.384	33.167	
13/11/2025 23:45:00	11.686	7.698	264.320	3.214	32.304	0.386	33.159	
13/11/2025 23:50:00	11.686	7.701	261.405	3.292	32.754	0.224	33.156	
13/11/2025 23:55:00	11.771	7.699	258.249	3.312	32.832	0.373	33.156	
14/11/2025 00:00:00	11.666	7.698	256.794	3.256	32.514	0.380	33.151	
14/11/2025 00:05:00	11.768	7.702	253.347	3.207	32.214	0.383	33.143	
14/11/2025 00:10:00	11.738	7.706	249.301	3.200	32.196	0.383	33.125	
14/11/2025 00:15:00	11.709	7.706	244.102	3.199	32.202	0.384	33.111	
14/11/2025 00:20:00	11.666	7.706	238.888	3.210	32.328	0.383	33.107	
14/11/2025 00:25:00	11.653	7.712	227.141	3.215	32.346	0.385	33.106	
14/11/2025 00:30:00	11.768	7.714	213.896	3.308	32.904	0.384	33.106	
14/11/2025 00:35:00	11.742	7.713	201.727	3.251	32.568	0.386	33.106	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
14/11/2025 00:40:00	11.735	7.715	188.285	3.251	32.574	0.388	33.106	
14/11/2025 00:45:00	11.719	7.716	175.355	3.401	33.444	0.388	33.106	
14/11/2025 00:50:00	11.745	7.718	164.589	3.267	32.586	0.386	33.106	
14/11/2025 00:55:00	11.728	7.718	155.261	3.195	32.160	0.386	33.106	
14/11/2025 01:00:00	11.735	7.723	148.098	3.158	31.956	0.389	33.106	
14/11/2025 01:05:00	11.745	7.723	137.958	3.175	32.088	0.386	33.106	
14/11/2025 01:10:00	11.778	7.725	127.410	3.196	32.310	0.389	33.106	
14/11/2025 01:15:00	11.758	7.730	113.857	3.205	32.292	0.388	33.106	
14/11/2025 01:20:00	11.748	7.734	98.276	3.204	32.328	0.387	33.106	
14/11/2025 01:25:00	11.768	7.738	83.720	3.233	32.526	0.390	33.104	
14/11/2025 01:30:00	11.755	7.738	68.429	3.250	32.670	0.385	33.103	
14/11/2025 01:35:00	11.758	7.737	56.118	3.256	32.670	0.386	33.091	
14/11/2025 01:40:00	11.719	7.740	42.593	3.248	32.556	0.389	33.083	
14/11/2025 01:45:00	11.709	7.738	32.136	3.320	33.024	0.386	33.080	
14/11/2025 01:50:00	11.751	7.738	22.190	3.284	32.790	0.384	33.076	
14/11/2025 01:55:00	11.778	7.740	13.438	3.284	32.808	0.389	33.066	
14/11/2025 02:00:00	11.702	7.745	8.495	3.685	35.268	0.383	33.060	
14/11/2025 02:05:00	11.774	7.744	7.581	3.299	32.916	0.384	33.054	
14/11/2025 02:10:00	11.751	7.745	7.694	3.286	32.910	0.387	33.053	
14/11/2025 02:15:00	11.807	7.747	177.866	3.302	32.928	0.388	33.051	
14/11/2025 02:20:00	11.797	7.785	182.634	5.169	44.114	0.388	33.006	
14/11/2025 02:25:00	11.810	7.789	276.760	5.806	47.949	0.386	33.006	
14/11/2025 02:30:00	11.814	7.763	276.736	5.598	46.646	0.386	33.106	
14/11/2025 02:35:00	11.781	7.736	139.577	4.814	41.971	0.386	33.186	
14/11/2025 02:40:00	11.817	7.707	14.508	4.177	38.227	0.388	33.207	
14/11/2025 02:45:00	149.096	7.694	10.428	3.944	36.756	0.385	33.231	
14/11/2025 02:50:00	90.884	7.691	9.230	3.934	36.822	0.388	33.235	
14/11/2025 02:55:00	108.050	7.688	8.580	3.946	36.780	0.391	33.222	
14/11/2025 03:00:00	98.473	7.683	8.538	4.015	37.201	0.389	33.214	
14/11/2025 03:05:00	113.630	7.678	8.186	3.508	34.218	0.386	33.207	
14/11/2025 03:10:00	102.200	7.672	7.880	3.353	33.270	0.387	33.207	
14/11/2025 03:15:00	104.979	7.673	7.944	3.287	32.820	0.392	33.206	
14/11/2025 03:20:00	106.111	7.675	7.899	3.280	32.832	0.382	33.206	
14/11/2025 03:25:00	114.139	7.673	7.740	3.282	32.850	0.388	33.206	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
14/11/2025 03:30:00	103.558	7.673	7.620	3.359	33.270	0.383	33.206	
14/11/2025 03:35:00	114.920	7.674	7.767	3.347	33.252	0.389	33.205	
14/11/2025 03:40:00	118.706	7.673	7.497	3.302	32.934	0.386	33.200	
14/11/2025 03:45:00	11.768	7.674	7.479	3.330	33.162	0.387	33.188	
14/11/2025 03:50:00	11.791	7.673	7.535	3.330	33.174	0.386	33.168	
14/11/2025 03:55:00	11.778	7.674	7.409	3.358	33.270	0.388	33.162	
14/11/2025 04:00:00	11.840	7.678	7.541	3.383	33.492	0.385	33.156	
14/11/2025 04:05:00	11.758	7.679	7.434	3.202	32.352	0.392	33.156	
14/11/2025 04:10:00	11.797	7.678	7.490	3.395	33.492	0.389	33.152	
14/11/2025 04:15:00	11.764	7.679	7.479	3.368	33.402	0.388	33.144	
14/11/2025 04:20:00	11.787	7.681	7.389	3.368	33.372	0.383	33.136	
14/11/2025 04:25:00	11.794	7.681	7.424	3.374	33.402	0.382	33.121	
14/11/2025 04:30:00	11.794	7.682	7.376	3.389	33.516	0.386	33.110	
14/11/2025 04:35:00	11.801	7.684	7.503	3.497	34.152	0.388	33.108	
14/11/2025 04:40:00	11.774	7.685	7.524	3.446	33.828	0.386	33.106	
14/11/2025 04:45:00	11.850	7.691	7.302	3.439	33.822	0.382	33.106	
14/11/2025 04:50:00	11.751	7.692	7.383	3.454	33.828	0.385	33.106	
14/11/2025 04:55:00	11.837	7.691	7.212	3.454	33.972	0.385	33.106	
14/11/2025 05:00:00	11.837	7.693	7.301	3.484	34.044	0.387	33.106	
14/11/2025 05:05:00	11.814	7.699	7.253	3.506	34.290	0.387	33.106	
14/11/2025 05:10:00	11.817	7.700	7.197	3.499	34.212	0.387	33.106	
14/11/2025 05:15:00	11.840	7.701	7.289	3.692	35.376	0.386	33.106	
14/11/2025 05:20:00	11.860	7.703	7.244	3.593	34.746	0.384	33.106	
14/11/2025 05:25:00	11.745	7.706	21.436	3.592	34.722	0.386	33.106	
14/11/2025 05:30:00	11.853	7.700	115.070	4.956	42.950	0.389	33.055	
14/11/2025 05:35:00	11.817	7.694	41.249	4.776	41.905	0.390	33.065	
14/11/2025 05:40:00	73.431	7.684	11.981	3.800	36.006	0.389	33.048	
14/11/2025 05:45:00	11.804	7.679	9.464	3.771	35.802	0.389	33.052	
14/11/2025 05:50:00	11.827	7.679	8.433	3.721	35.574	0.388	33.046	
14/11/2025 05:55:00	11.843	7.679	8.031	3.706	35.490	0.387	33.036	
14/11/2025 06:00:00	11.873	7.682	7.947	3.735	35.598	0.387	33.028	
14/11/2025 06:05:00	11.883	7.681	7.757	3.729	35.574	0.390	33.024	
14/11/2025 06:10:00	11.873	7.686	7.890	3.476	34.098	0.387	33.010	
14/11/2025 06:15:00	11.850	7.686	7.851	3.271	32.814	0.389	33.010	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
14/11/2025 06:20:00	11.883	7.685	7.716	3.257	32.832	0.388	33.011	
14/11/2025 06:25:00	11.797	7.689	7.598	3.260	32.700	0.390	33.006	
14/11/2025 06:30:00	11.853	7.689	7.626	3.255	32.670	0.389	33.006	
14/11/2025 06:35:00	11.781	7.690	7.574	3.276	32.766	0.387	33.006	
14/11/2025 06:40:00	11.797	7.693	7.568	3.206	32.436	0.389	33.006	
14/11/2025 06:45:00	11.787	7.690	7.404	3.245	32.646	0.387	33.006	
14/11/2025 06:50:00	86.252	7.696	7.400	3.253	32.658	0.384	33.006	
14/11/2025 06:55:00	90.058	7.697	7.268	3.253	32.634	0.385	33.006	
14/11/2025 07:00:00	95.504	7.701	7.340	3.259	32.718	0.389	33.006	
14/11/2025 07:05:00	109.552	7.702	7.310	3.252	32.622	0.385	33.006	
14/11/2025 07:10:00	107.863	7.704	7.458	3.443	33.756	0.404	33.006	
14/11/2025 07:15:00	91.583	7.704	7.108	3.266	32.616	0.385	33.006	
14/11/2025 07:20:00	104.287	7.703	7.218	3.214	32.364	0.386	33.006	
14/11/2025 07:25:00	92.380	7.706	7.262	3.220	32.460	0.389	33.006	
14/11/2025 07:30:00	92.879	7.709	7.277	3.213	32.472	0.386	33.006	
14/11/2025 07:35:00	86.934	7.709	7.305	3.240	32.544	0.391	33.006	
14/11/2025 07:40:00	88.729	7.712	7.111	3.230	32.520	0.392	33.006	
14/11/2025 07:45:00	106.160	7.713	6.988	3.272	32.718	0.392	33.006	
14/11/2025 07:50:00	101.642	7.711	6.958	3.248	32.598	0.392	33.006	
14/11/2025 07:55:00	100.287	7.714	6.932	3.271	32.670	0.389	33.006	
14/11/2025 08:00:00	90.022	7.715	6.830	3.282	32.754	0.387	33.006	
14/11/2025 08:05:00	11.584	7.717	6.965	3.274	32.748	0.390	33.006	
14/11/2025 08:10:00	11.653	7.719	6.869	3.280	32.730	0.390	33.006	
14/11/2025 08:15:00	11.620	7.718	6.721	3.252	32.502	0.371	33.006	
14/11/2025 08:20:00	11.610	7.718	6.805	3.286	32.688	0.391	33.006	
14/11/2025 08:25:00	11.630	7.720	6.712	3.305	32.802	0.422	33.006	
14/11/2025 08:30:00	11.630	7.724	6.919	3.334	32.994	0.388	33.006	
14/11/2025 08:35:00	11.607	7.723	6.875	3.310	32.874	0.386	33.006	
14/11/2025 08:40:00	11.594	7.724	6.797	3.330	32.952	0.385	33.006	
14/11/2025 08:45:00	11.577	7.722	6.640	3.349	33.030	0.381	33.006	
14/11/2025 08:50:00	11.538	7.722	6.586	3.342	32.994	0.388	33.006	
14/11/2025 08:55:00	11.571	7.722	6.659	3.325	32.880	0.388	33.011	
14/11/2025 09:00:00	11.538	7.722	6.635	3.330	32.850	0.387	33.025	
14/11/2025 09:05:00	11.482	7.724	6.535	3.336	32.952	0.388	33.054	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
14/11/2025 09:10:00	11.505	7.723	6.571	3.360	33.030	0.387	33.092	
14/11/2025 09:15:00	11.450	7.724	6.479	3.282	32.544	0.394	33.106	
14/11/2025 09:20:00	11.436	7.720	6.260	3.360	33.000	0.380	33.105	
14/11/2025 09:25:00	11.407	7.718	6.314	3.391	33.132	0.389	33.105	
14/11/2025 09:30:00	11.423	7.719	6.481	3.377	33.138	0.390	33.106	
14/11/2025 09:35:00	11.427	7.719	6.376	3.389	33.132	0.387	33.106	
14/11/2025 09:40:00	11.331	7.722	6.263	3.398	33.186	0.386	33.106	
14/11/2025 09:45:00	11.413	7.722	6.395	3.899	36.138	0.386	33.118	
14/11/2025 09:50:00	11.361	7.722	6.205	3.421	33.246	0.388	33.145	
14/11/2025 09:55:00	11.318	7.720	6.074	3.462	33.570	0.389	33.163	
14/11/2025 10:00:00	11.358	7.720	6.038	3.490	33.660	0.387	33.206	
14/11/2025 10:05:00	11.328	7.722	6.049	3.483	33.606	0.388	33.230	
14/11/2025 10:10:00	11.315	7.725	5.957	3.475	33.468	0.388	33.301	
14/11/2025 10:15:00	11.292	7.725	83.021	3.502	33.750	0.386	33.307	
14/11/2025 10:20:00	11.315	7.764	225.256	5.667	46.568	0.391	33.156	
14/11/2025 10:25:00	11.308	7.769	182.638	5.096	43.172	0.400	33.199	
14/11/2025 10:30:00	11.305	7.748	149.409	5.407	45.062	0.395	33.307	
14/11/2025 10:35:00	11.200	7.708	129.664	5.874	47.835	0.386	33.408	
14/11/2025 10:40:00	11.220	7.669	13.753	5.098	43.256	0.394	33.508	
14/11/2025 10:45:00	173.958	7.643	8.162	4.919	42.163	0.392	33.508	
14/11/2025 10:55:00	111.727	7.618	6.439	5.335	44.600	0.396	33.608	
14/11/2025 11:00:00	98.384	7.612	6.218	5.363	44.756	0.397	33.608	
14/11/2025 11:05:00	99.775	7.604	6.088	5.221	43.916	0.397	33.709	
14/11/2025 11:10:00	97.426	7.601	5.762	4.582	40.081	0.389	33.709	
14/11/2025 11:15:00	96.531	7.599	5.921	5.190	43.664	0.369	33.709	
14/11/2025 11:20:00	120.051	7.597	5.819	5.431	45.152	0.396	33.714	
14/11/2025 11:25:00	116.517	7.593	5.665	5.322	44.492	0.396	33.759	
14/11/2025 11:30:00	154.765	7.594	5.669	4.610	40.183	0.400	33.777	
14/11/2025 11:35:00	120.110	7.591	5.531	4.715	40.807	0.401	33.810	
14/11/2025 11:40:00	142.183	7.593	5.566	4.721	40.819	0.407	33.811	
14/11/2025 11:45:00	11.112	7.591	5.684	4.650	40.381	0.392	33.838	
14/11/2025 11:50:00	11.125	7.593	5.399	4.970	42.296	0.278	33.911	
14/11/2025 11:55:00	11.066	7.588	5.372	4.796	41.305	0.392	33.911	
14/11/2025 12:00:00	11.053	7.592	5.392	4.718	40.759	0.392	33.911	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
14/11/2025 12:05:00	11.069	7.591	5.444	4.801	41.281	0.399	33.911	
14/11/2025 12:10:00	11.036	7.597	5.332	4.800	41.263	0.396	33.911	
14/11/2025 12:15:00	11.030	7.595	5.461	4.863	41.665	0.406	33.911	
14/11/2025 12:20:00	11.108	7.595	5.422	5.185	43.580	0.394	33.918	
14/11/2025 12:25:00	11.085	7.597	5.323	5.067	42.812	0.407	33.930	
14/11/2025 12:30:00	11.066	7.595	5.317	5.152	43.358	0.403	33.955	
14/11/2025 12:35:00	11.056	7.597	5.330	5.166	43.442	0.426	33.961	
14/11/2025 12:40:00	11.039	7.601	5.309	5.256	43.946	0.400	34.011	
14/11/2025 12:45:00	11.056	7.604	5.308	5.439	44.996	0.410	34.011	
14/11/2025 12:50:00	11.023	7.605	5.362	5.447	45.110	0.401	34.011	
14/11/2025 12:55:00	11.049	7.605	5.305	5.825	47.342	0.401	34.012	
14/11/2025 13:00:00	11.030	7.609	5.303	5.767	46.982	0.416	34.107	
14/11/2025 13:05:00	10.990	7.612	5.296	5.919	47.937	0.406	34.111	
14/11/2025 13:10:00	11.023	7.616	5.293	6.004	48.351	0.399	34.112	
14/11/2025 13:15:00	11.003	7.619	5.297	5.913	47.823	0.404	34.112	
14/11/2025 13:20:00	10.980	7.618	5.290	5.633	46.178	0.391	34.112	
14/11/2025 13:25:00	11.003	7.620	5.281	5.560	45.626	0.404	34.112	
14/11/2025 13:30:00	10.944	7.620	5.278	5.666	46.400	0.411	34.112	
14/11/2025 13:35:00	10.918	7.621	5.275	5.686	46.472	0.405	34.112	
14/11/2025 13:40:00	10.961	7.623	5.272	5.770	46.994	0.405	34.112	
14/11/2025 13:45:00	10.967	7.628	5.276	5.821	47.324	0.401	34.112	
14/11/2025 13:50:00	10.997	7.630	5.273	5.820	47.186	0.402	34.112	
14/11/2025 13:55:00	10.974	7.634	5.273	5.457	45.050	0.395	34.112	
14/11/2025 14:00:00	10.957	7.637	5.270	5.620	46.022	0.401	34.112	
14/11/2025 14:05:00	10.990	7.637	5.275	5.743	46.784	0.409	34.112	
14/11/2025 14:10:00	10.895	7.640	5.266	2.319	26.212	0.388	34.112	
14/11/2025 14:15:00	10.934	7.644	76.130	2.291	25.960	0.399	34.112	
14/11/2025 14:20:00	10.984	7.708	249.256	7.845	59.273	0.405	33.984	
14/11/2025 14:25:00	10.931	7.682	166.104	7.098	54.814	0.409	34.012	
14/11/2025 14:30:00	10.974	7.645	163.978	6.601	51.813	0.405	33.916	
14/11/2025 14:35:00	10.872	7.603	55.113	6.726	52.581	0.403	33.911	
14/11/2025 14:40:00	10.885	7.574	9.063	8.422	62.843	0.406	33.911	
14/11/2025 14:45:00	10.948	7.561	6.427	10.977	78.158	0.398	33.910	
14/11/2025 14:50:00	10.898	7.553	5.885	11.510	81.333	0.400	33.904	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
14/11/2025 14:55:00	10.934	7.545	5.677	14.214	97.500	0.400	33.898	
14/11/2025 15:00:00	92.482	7.546	5.650	10.881	77.612	0.406	33.862	
14/11/2025 15:05:00	100.018	7.544	5.576	9.289	68.004	0.396	33.860	
14/11/2025 15:10:00	92.351	7.542	5.554	9.502	69.277	0.385	33.860	
14/11/2025 15:15:00	133.125	7.544	5.411	10.026	72.511	0.398	33.845	
14/11/2025 15:20:00	107.886	7.544	5.359	10.421	74.828	0.401	33.833	
14/11/2025 15:25:00	117.525	7.544	5.398	10.365	74.546	0.395	33.823	
14/11/2025 15:30:00	112.777	7.544	5.336	4.246	37.855	0.397	33.814	
14/11/2025 15:35:00	130.713	7.542	5.308	4.692	40.507	0.385	33.810	
14/11/2025 15:40:00	88.434	7.543	5.282	5.084	42.854	0.414	33.810	
14/11/2025 15:45:00	89.310	7.545	5.299	5.496	45.272	0.401	33.810	
14/11/2025 15:50:00	10.997	7.549	5.273	6.062	48.687	0.402	33.810	
14/11/2025 15:55:00	11.023	7.548	5.273	6.834	53.392	0.400	33.810	
14/11/2025 16:00:00	10.938	7.550	5.266	2.680	28.361	0.374	33.810	
14/11/2025 16:05:00	11.007	7.550	5.254	2.729	28.649	0.399	33.802	
14/11/2025 16:10:00	10.915	7.555	5.252	2.798	29.075	0.417	33.766	
14/11/2025 16:15:00	10.934	7.554	5.249	2.851	29.411	0.362	33.760	
14/11/2025 16:20:00	10.915	7.554	5.320	2.870	29.477	0.403	33.759	
14/11/2025 16:25:00	10.849	7.557	5.312	2.916	29.765	0.398	33.750	
14/11/2025 16:30:00	10.866	7.555	5.369	3.019	30.359	0.396	33.717	
14/11/2025 16:35:00	10.885	7.555	5.401	3.046	30.503	0.394	33.709	
14/11/2025 16:40:00	10.889	7.558	5.456	3.121	30.923	0.396	33.709	
14/11/2025 16:45:00	10.908	7.565	5.482	3.170	31.349	0.395	33.709	
14/11/2025 16:50:00	10.944	7.571	5.599	3.276	31.974	0.396	33.709	
14/11/2025 16:55:00	11.039	7.577	5.717	3.282	32.046	0.393	33.709	
14/11/2025 17:00:00	11.043	7.582	5.723	2.281	26.074	0.394	33.709	
14/11/2025 17:05:00	11.141	7.586	5.777	2.249	25.966	0.396	33.709	
14/11/2025 17:10:00	11.177	7.594	5.860	2.260	26.038	0.398	33.709	
14/11/2025 17:15:00	11.207	7.598	5.890	2.253	26.110	0.390	33.709	
14/11/2025 17:20:00	11.223	7.605	5.972	2.258	26.170	0.395	33.691	
14/11/2025 17:25:00	11.272	7.613	6.047	2.258	26.134	0.396	33.616	
14/11/2025 17:30:00	11.299	7.617	6.202	2.252	26.188	0.393	33.609	
14/11/2025 17:35:00	11.322	7.620	6.091	2.256	26.230	0.396	33.608	
14/11/2025 17:40:00	11.407	7.626	6.341	2.254	26.266	0.395	33.608	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
14/11/2025 17:45:00	11.394	7.632	6.317	2.254	26.308	0.398	33.608	
14/11/2025 17:50:00	11.410	7.638	6.281	2.250	26.236	0.396	33.603	
14/11/2025 17:55:00	11.436	7.643	6.256	2.250	26.260	0.399	33.579	
14/11/2025 18:00:00	11.489	7.648	6.362	2.248	26.338	0.396	33.560	
14/11/2025 18:05:00	11.463	7.651	6.317	2.246	26.332	0.401	33.553	
14/11/2025 18:10:00	11.505	7.656	6.154	2.241	26.362	0.392	33.540	
14/11/2025 18:15:00	11.492	7.661	79.597	2.244	26.284	0.396	33.523	
14/11/2025 18:20:00	11.551	7.707	193.594	4.802	41.605	0.399	33.508	
14/11/2025 18:25:00	11.512	7.698	166.009	6.479	51.783	0.398	33.508	
14/11/2025 18:30:00	11.564	7.671	142.176	5.149	43.814	0.397	33.508	
14/11/2025 18:35:00	11.541	7.645	23.132	4.985	42.794	0.394	33.519	
14/11/2025 18:40:00	11.555	7.636	10.487	5.605	46.592	0.395	33.544	
14/11/2025 18:45:00	79.726	7.634	8.390	4.716	41.221	0.400	33.530	
14/11/2025 18:50:00	83.890	7.635	7.805	5.594	46.478	0.394	33.522	
14/11/2025 18:55:00	98.207	7.636	7.329	6.586	52.467	0.395	33.517	
14/11/2025 19:00:00	93.873	7.636	7.155	7.401	57.292	0.401	33.511	
14/11/2025 19:05:00	105.300	7.640	7.028	5.905	48.363	0.401	33.508	
14/11/2025 19:10:00	103.614	7.637	6.932	5.805	47.823	0.401	33.508	
14/11/2025 19:15:00	106.616	7.640	6.853	5.650	46.862	0.395	33.508	
14/11/2025 19:20:00	100.199	7.640	6.842	6.225	50.337	0.398	33.508	
14/11/2025 19:25:00	70.452	7.642	6.878	6.473	51.837	0.395	33.508	
14/11/2025 19:30:00	84.280	7.646	6.797	6.054	49.281	0.397	33.508	
14/11/2025 19:35:00	79.694	7.650	6.752	2.716	29.297	0.397	33.508	
14/11/2025 19:40:00	81.974	7.652	6.757	2.698	29.207	0.392	33.508	
14/11/2025 19:45:00	83.247	7.658	6.557	2.691	29.213	0.393	33.508	
14/11/2025 19:50:00	11.656	7.660	6.710	2.682	29.111	0.394	33.508	
14/11/2025 19:55:00	11.666	7.664	6.602	2.661	28.997	0.394	33.508	
14/11/2025 20:00:00	11.682	7.666	6.748	2.643	28.943	0.396	33.508	
14/11/2025 20:05:00	11.682	7.668	6.865	2.613	28.745	0.376	33.508	
14/11/2025 20:10:00	11.712	7.667	6.656	2.721	29.363	0.391	33.508	
14/11/2025 20:15:00	11.725	7.669	6.613	2.685	29.153	0.395	33.507	
14/11/2025 20:20:00	11.630	7.673	6.688	2.659	29.063	0.400	33.495	
14/11/2025 20:25:00	11.712	7.682	6.905	2.628	28.811	0.397	33.467	
14/11/2025 20:30:00	11.709	7.684	6.698	2.601	28.649	0.396	33.412	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
14/11/2025 20:35:00	11.712	7.684	6.584	2.575	28.553	0.392	33.408	
14/11/2025 20:40:00	11.712	7.690	6.545	2.552	28.343	0.403	33.407	
14/11/2025 20:45:00	11.751	7.692	6.592	2.525	28.235	0.397	33.407	
14/11/2025 20:50:00	11.702	7.698	6.580	2.495	28.037	0.396	33.407	
14/11/2025 20:55:00	11.673	7.702	6.665	2.467	27.989	0.393	33.407	
14/11/2025 21:00:00	11.709	7.704	6.541	2.439	27.707	0.393	33.407	
14/11/2025 21:05:00	11.679	7.705	6.832	2.418	27.641	0.395	33.407	
14/11/2025 21:10:00	11.676	7.709	6.640	2.397	27.563	0.398	33.407	
14/11/2025 21:15:00	11.725	7.713	6.767	2.379	27.353	0.393	33.407	
14/11/2025 21:20:00	11.719	7.716	6.727	2.361	27.317	0.396	33.403	
14/11/2025 21:25:00	11.761	7.719	6.766	2.339	27.125	0.397	33.387	
14/11/2025 21:30:00	11.784	7.723	9.590	2.318	26.993	0.397	33.369	
14/11/2025 21:35:00	11.742	7.727	18.325	2.327	27.077	0.401	33.328	
14/11/2025 21:40:00	11.715	7.731	28.935	2.318	26.987	0.401	33.308	
14/11/2025 21:45:00	11.682	7.731	39.166	2.339	27.167	0.393	33.307	
14/11/2025 21:50:00	11.692	7.737	50.985	2.389	27.383	0.404	33.307	
14/11/2025 21:55:00	11.742	7.746	64.362	2.469	27.899	0.393	33.307	
14/11/2025 22:00:00	11.715	7.752	75.883	2.533	28.253	0.394	33.307	
14/11/2025 22:05:00	11.673	7.754	86.982	2.661	29.111	0.392	33.307	
14/11/2025 22:10:00	11.784	7.760	97.525	2.789	29.819	0.387	33.227	
14/11/2025 22:15:00	11.814	7.767	276.639	2.882	30.341	0.381	33.206	
14/11/2025 22:20:00	11.748	7.785	5.588	3.979	37.008	0.391	33.307	
14/11/2025 22:25:00	11.692	7.765	5.587	3.816	36.054	0.391	33.307	
14/11/2025 22:30:00	11.646	7.752	5.587	4.557	40.441	0.396	33.307	
14/11/2025 22:35:00	89.881	7.743	5.593	4.622	40.843	0.393	33.307	
14/11/2025 22:40:00	86.472	7.726	185.722	3.975	37.008	0.391	33.307	
14/11/2025 22:45:00	102.886	7.726	175.667	3.524	34.188	0.385	33.307	
14/11/2025 22:50:00	104.792	7.725	194.121	4.058	37.381	0.389	33.307	
14/11/2025 22:55:00	121.711	7.728	206.749	4.080	37.501	0.388	33.307	
14/11/2025 23:00:00	107.935	7.732	218.935	3.609	34.716	0.387	33.307	
14/11/2025 23:05:00	108.657	7.734	229.583	4.337	39.097	0.387	33.307	
14/11/2025 23:10:00	84.402	7.737	239.116	4.351	39.091	0.378	33.307	
14/11/2025 23:15:00	11.755	7.737	246.197	2.853	30.107	0.387	33.307	
14/11/2025 23:20:00	11.778	7.739	251.031	3.133	31.829	0.388	33.307	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
14/11/2025 23:25:00	11.771	7.743	255.428	3.833	36.000	0.386	33.307	
14/11/2025 23:30:00	11.764	7.748	259.177	4.466	39.835	0.384	33.307	
14/11/2025 23:35:00	11.787	7.753	262.326	4.927	42.710	0.380	33.307	
14/11/2025 23:40:00	11.735	7.757	261.862	3.169	32.064	0.382	33.307	
14/11/2025 23:45:00	11.787	7.758	262.056	2.705	29.273	0.385	33.307	
14/11/2025 23:50:00	11.755	7.760	264.200	2.908	30.485	0.201	33.307	
14/11/2025 23:55:00	11.771	7.765	263.528	3.276	32.730	0.370	33.307	
15/11/2025 00:00:00	11.719	7.769	263.189	3.262	32.628	0.377	33.307	
15/11/2025 00:05:00	11.758	7.772	261.438	3.527	34.218	0.377	33.307	
15/11/2025 00:10:00	11.807	7.777	258.979	3.391	33.372	0.378	33.307	
15/11/2025 00:15:00	11.797	7.778	256.879	2.637	28.925	0.380	33.307	
15/11/2025 00:20:00	11.764	7.779	254.631	2.637	28.877	0.379	33.307	
15/11/2025 00:25:00	11.791	7.784	250.467	2.709	29.345	0.379	33.306	
15/11/2025 00:30:00	11.817	7.786	246.748	2.795	29.879	0.378	33.302	
15/11/2025 00:35:00	11.824	7.790	241.156	2.887	30.443	0.377	33.283	
15/11/2025 00:40:00	11.817	7.792	237.071	2.638	28.925	0.379	33.225	
15/11/2025 00:45:00	11.827	7.792	229.505	2.531	28.313	0.379	33.208	
15/11/2025 00:50:00	11.820	7.793	222.333	2.538	28.289	0.381	33.206	
15/11/2025 00:55:00	11.801	7.794	213.539	2.560	28.517	0.381	33.206	
15/11/2025 01:00:00	11.850	7.797	204.381	2.589	28.649	0.380	33.206	
15/11/2025 01:05:00	11.814	7.801	194.142	2.611	28.733	0.380	33.195	
15/11/2025 01:10:00	11.853	7.803	183.397	2.639	28.967	0.378	33.176	
15/11/2025 01:15:00	11.807	7.803	172.555	2.691	29.291	0.380	33.159	
15/11/2025 01:20:00	11.843	7.806	159.672	2.292	26.915	0.382	33.156	
15/11/2025 01:25:00	11.820	7.811	149.832	2.291	26.861	0.381	33.155	
15/11/2025 01:30:00	11.840	7.816	138.689	2.289	26.849	0.380	33.151	
15/11/2025 01:35:00	23.710	7.817	125.962	2.290	26.849	0.380	33.134	
15/11/2025 01:40:00	11.791	7.817	113.036	2.283	26.855	0.381	33.126	
15/11/2025 01:45:00	11.781	7.817	98.899	2.283	26.843	0.380	33.115	
15/11/2025 01:50:00	11.801	7.818	85.335	2.283	26.873	0.379	33.107	
15/11/2025 01:55:00	11.830	7.819	72.340	2.286	26.867	0.375	33.106	
15/11/2025 02:00:00	11.804	7.819	60.466	2.283	26.903	0.381	33.106	
15/11/2025 02:05:00	11.814	7.818	48.105	2.285	26.891	0.380	33.106	
15/11/2025 02:10:00	11.850	7.818	37.953	2.279	26.771	0.396	33.106	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
15/11/2025 02:15:00	11.886	7.821	247.420	2.290	26.915	0.380	33.106	
15/11/2025 02:20:00	11.824	7.861	5.635	4.098	37.855	0.384	33.106	
15/11/2025 02:25:00	11.814	7.835	192.703	4.386	39.415	0.383	33.106	
15/11/2025 02:30:00	11.892	7.810	276.850	3.994	37.159	0.381	33.111	
15/11/2025 02:35:00	11.856	7.786	185.785	3.813	35.982	0.386	33.206	
15/11/2025 02:40:00	11.833	7.763	14.215	3.756	35.706	0.382	33.207	
15/11/2025 02:45:00	91.928	7.755	10.091	4.600	40.735	0.383	33.210	
15/11/2025 02:50:00	88.247	7.753	8.888	3.174	32.292	0.385	33.207	
15/11/2025 02:55:00	82.344	7.750	8.423	3.529	34.440	0.385	33.207	
15/11/2025 03:00:00	100.894	7.753	8.378	3.930	36.798	0.385	33.206	
15/11/2025 03:05:00	86.167	7.755	8.021	3.930	36.792	0.389	33.206	
15/11/2025 03:10:00	103.765	7.757	7.871	3.296	32.946	0.388	33.206	
15/11/2025 03:15:00	87.987	7.758	8.024	3.389	33.600	0.388	33.206	
15/11/2025 03:20:00	97.827	7.763	7.959	2.427	27.833	0.387	33.188	
15/11/2025 03:25:00	94.444	7.761	7.781	2.419	27.701	0.388	33.164	
15/11/2025 03:30:00	101.872	7.764	7.566	2.420	27.743	0.387	33.156	
15/11/2025 03:35:00	101.862	7.764	7.664	2.412	27.737	0.388	33.154	
15/11/2025 03:40:00	92.561	7.766	7.557	2.399	27.635	0.387	33.142	
15/11/2025 03:45:00	138.108	7.768	7.515	2.398	27.629	0.396	33.115	
15/11/2025 03:50:00	100.149	7.771	7.823	2.400	27.659	0.383	33.106	
15/11/2025 03:55:00	77.374	7.771	7.382	2.394	27.569	0.385	33.106	
15/11/2025 04:00:00	11.902	7.775	7.376	2.386	27.563	0.384	33.106	
15/11/2025 04:05:00	11.889	7.778	7.370	2.385	27.575	0.386	33.106	
15/11/2025 04:10:00	11.902	7.781	7.188	2.393	27.575	0.389	33.106	
15/11/2025 04:15:00	11.932	7.787	7.428	2.375	27.491	0.387	33.106	
15/11/2025 04:20:00	11.919	7.788	7.223	2.373	27.485	0.387	33.100	
15/11/2025 04:25:00	11.942	7.788	7.215	2.365	27.491	0.385	33.062	
15/11/2025 04:30:00	11.915	7.790	7.278	2.360	27.503	0.386	33.048	
15/11/2025 04:35:00	11.919	7.795	7.322	2.359	27.401	0.395	33.033	
15/11/2025 04:40:00	11.892	7.801	7.295	2.360	27.407	0.389	33.013	
15/11/2025 04:45:00	11.942	7.804	7.138	2.359	27.389	0.383	33.006	
15/11/2025 04:50:00	11.902	7.803	6.908	2.353	27.395	0.386	33.006	
15/11/2025 04:55:00	11.896	7.805	6.877	2.353	27.407	0.386	33.006	
15/11/2025 05:00:00	11.952	7.807	7.084	2.348	27.425	0.388	33.006	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
15/11/2025 05:05:00	11.942	7.811	6.914	2.342	27.293	0.388	33.005	
15/11/2025 05:10:00	11.925	7.815	7.040	2.347	27.317	0.387	32.984	
15/11/2025 05:15:00	11.968	7.819	6.776	2.347	27.413	0.385	32.967	
15/11/2025 05:20:00	11.952	7.819	6.725	2.341	27.335	0.387	32.956	
15/11/2025 05:25:00	11.869	7.823	6.952	2.349	27.425	0.383	32.947	
15/11/2025 05:30:00	11.955	7.824	6.706	2.341	27.329	0.386	32.921	
15/11/2025 05:35:00	11.935	7.828	6.805	2.343	27.287	0.389	32.907	
15/11/2025 05:40:00	11.958	7.829	7.094	2.335	27.335	0.389	32.906	
15/11/2025 05:45:00	11.961	7.837	6.949	2.343	27.347	0.390	32.906	
15/11/2025 05:50:00	11.883	7.836	7.093	2.334	27.353	0.373	32.906	
15/11/2025 05:55:00	11.896	7.839	7.227	2.363	27.557	0.356	32.906	
15/11/2025 06:00:00	11.942	7.844	7.221	2.333	27.329	0.390	32.906	
15/11/2025 06:05:00	11.945	7.844	6.761	2.335	27.353	0.392	32.906	
15/11/2025 06:10:00	11.968	7.848	6.898	2.335	27.341	0.390	32.906	
15/11/2025 06:15:00	12.011	7.850	82.080	2.343	27.311	0.389	32.906	
15/11/2025 06:20:00	11.974	7.905	261.568	3.179	32.334	0.392	32.809	
15/11/2025 06:25:00	11.991	7.847	163.809	3.873	36.504	0.389	32.822	
15/11/2025 06:30:00	11.974	7.828	172.300	3.942	36.942	0.390	32.906	
15/11/2025 06:35:00	11.971	7.800	116.644	3.949	36.942	0.384	32.956	
15/11/2025 06:40:00	11.958	7.770	14.731	3.941	36.978	0.387	32.972	
15/11/2025 06:45:00	11.968	7.760	10.265	3.926	36.876	0.390	32.987	
15/11/2025 06:50:00	11.938	7.756	8.889	3.975	37.201	0.388	32.978	
15/11/2025 06:55:00	11.942	7.755	8.351	4.310	39.193	0.381	32.968	
15/11/2025 07:00:00	11.876	7.749	8.009	3.338	33.306	0.387	32.956	
15/11/2025 07:05:00	11.892	7.753	7.839	3.231	32.628	0.389	32.956	
15/11/2025 07:10:00	116.567	7.753	7.742	3.134	32.046	0.383	32.956	
15/11/2025 07:15:00	180.578	7.753	7.907	2.983	31.187	0.390	32.956	
15/11/2025 07:20:00	147.610	7.752	7.532	3.018	31.349	0.387	32.955	
15/11/2025 07:25:00	179.348	7.751	7.565	2.723	29.513	0.386	32.951	
15/11/2025 07:30:00	117.623	7.747	7.386	2.478	28.109	0.390	32.918	
15/11/2025 07:35:00	111.937	7.748	7.256	2.464	27.971	0.387	32.910	
15/11/2025 07:40:00	107.571	7.750	7.176	2.469	28.007	0.391	32.906	
15/11/2025 07:45:00	107.341	7.752	7.087	2.482	28.025	0.391	32.906	
15/11/2025 07:50:00	195.627	7.753	7.031	2.487	27.983	0.388	32.906	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
15/11/2025 07:55:00	122.508	7.753	7.182	2.484	27.995	0.387	32.906	
15/11/2025 08:00:00	115.051	7.755	6.830	2.497	28.037	0.386	32.906	
15/11/2025 08:05:00	131.688	7.757	6.749	2.498	28.031	0.387	32.906	
15/11/2025 08:10:00	11.663	7.761	6.754	2.495	28.007	0.400	32.906	
15/11/2025 08:15:00	11.604	7.767	6.916	2.507	28.103	0.384	32.906	
15/11/2025 08:20:00	11.676	7.767	6.739	2.504	28.067	0.386	32.906	
15/11/2025 08:25:00	11.666	7.769	6.917	2.511	28.031	0.387	32.906	
15/11/2025 08:30:00	11.604	7.773	6.536	2.380	27.299	0.386	32.906	
15/11/2025 08:35:00	11.623	7.775	6.667	2.372	27.263	0.389	32.906	
15/11/2025 08:40:00	11.600	7.773	6.463	2.370	27.245	0.387	32.906	
15/11/2025 08:45:00	11.617	7.771	6.626	2.370	27.227	0.385	32.906	
15/11/2025 08:50:00	11.574	7.773	6.346	2.368	27.215	0.383	32.906	
15/11/2025 08:55:00	11.558	7.775	6.310	2.364	27.125	0.385	32.906	
15/11/2025 09:00:00	11.551	7.778	6.490	2.371	27.203	0.382	32.906	
15/11/2025 09:05:00	11.463	7.778	6.412	2.363	27.137	0.385	32.910	
15/11/2025 09:10:00	11.528	7.781	6.269	2.363	27.113	0.384	32.952	
15/11/2025 09:15:00	11.515	7.785	6.580	2.361	27.089	0.387	32.957	
15/11/2025 09:20:00	11.489	7.783	6.334	2.353	27.059	0.385	32.983	
15/11/2025 09:25:00	11.463	7.786	6.311	2.350	26.927	0.383	33.006	
15/11/2025 09:30:00	11.459	7.785	6.379	2.349	26.915	0.388	33.006	
15/11/2025 09:35:00	11.463	7.788	6.067	2.347	26.885	0.388	33.006	
15/11/2025 09:40:00	11.397	7.788	6.077	2.340	26.891	0.388	33.010	
15/11/2025 09:45:00	11.440	7.791	5.875	2.345	26.861	0.385	33.038	
15/11/2025 09:50:00	11.440	7.791	6.362	2.347	26.825	0.387	33.070	
15/11/2025 09:55:00	11.384	7.792	5.915	2.335	26.843	0.384	33.106	
15/11/2025 10:00:00	11.397	7.793	5.984	2.341	26.903	0.386	33.106	
15/11/2025 10:05:00	11.427	7.790	5.905	2.347	26.885	0.386	33.106	
15/11/2025 10:10:00	11.325	7.789	5.828	2.339	26.867	0.385	33.106	
15/11/2025 10:15:00	11.384	7.787	80.774	2.339	26.831	0.386	33.106	
15/11/2025 10:20:00	11.397	7.826	211.526	3.484	33.618	0.392	33.106	
15/11/2025 10:25:00	11.404	7.809	175.274	3.888	36.072	0.388	33.106	
15/11/2025 10:30:00	11.390	7.772	155.144	3.710	34.974	0.400	33.192	
15/11/2025 10:35:00	11.305	7.739	103.706	3.588	34.278	0.380	33.307	
15/11/2025 10:40:00	11.328	7.714	11.462	3.386	33.048	0.390	33.307	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
15/11/2025 10:45:00	94.910	7.704	7.679	3.726	35.040	0.396	33.307	
15/11/2025 10:50:00	97.627	7.700	7.313	3.610	34.410	0.394	33.307	
15/11/2025 10:55:00	98.122	7.696	6.184	3.436	33.312	0.378	33.322	
15/11/2025 11:00:00	101.091	7.691	5.983	3.386	32.928	0.398	33.399	
15/11/2025 11:05:00	96.124	7.692	6.137	3.070	30.983	0.398	33.407	
15/11/2025 11:10:00	94.743	7.690	5.774	3.211	31.835	0.388	33.407	
15/11/2025 11:15:00	114.080	7.690	5.803	3.131	31.361	0.374	33.499	
15/11/2025 11:20:00	108.555	7.689	5.870	2.853	29.747	0.400	33.508	
15/11/2025 11:25:00	134.857	7.694	5.687	2.667	28.547	0.396	33.508	
15/11/2025 11:30:00	108.548	7.696	5.704	2.659	28.589	0.386	33.508	
15/11/2025 11:35:00	103.758	7.697	5.632	2.671	28.637	0.403	33.508	
15/11/2025 11:40:00	11.125	7.697	5.554	2.605	28.187	0.399	33.508	
15/11/2025 11:45:00	11.105	7.698	5.515	2.690	28.691	0.417	33.523	
15/11/2025 11:50:00	11.164	7.702	5.444	2.782	29.249	0.250	33.557	
15/11/2025 11:55:00	11.141	7.701	5.389	2.520	27.647	0.387	33.591	
15/11/2025 12:00:00	11.167	7.705	5.387	2.497	27.539	0.395	33.598	
15/11/2025 12:05:00	11.154	7.706	5.455	2.497	27.509	0.396	33.608	
15/11/2025 12:10:00	11.138	7.703	5.374	2.533	27.737	0.406	33.608	
15/11/2025 12:15:00	11.154	7.704	5.351	2.512	27.611	0.395	33.610	
15/11/2025 12:20:00	11.135	7.707	5.348	2.524	27.611	0.421	33.705	
15/11/2025 12:25:00	11.105	7.709	5.383	2.517	27.593	0.399	33.709	
15/11/2025 12:30:00	11.079	7.711	5.380	2.551	27.827	0.398	33.709	
15/11/2025 12:35:00	11.131	7.712	5.338	2.565	27.899	0.404	33.709	
15/11/2025 12:40:00	11.069	7.711	5.336	2.557	27.881	0.403	33.709	
15/11/2025 12:45:00	11.079	7.709	5.330	2.619	28.169	0.399	33.709	
15/11/2025 12:50:00	11.089	7.710	5.330	2.707	28.715	0.402	33.713	
15/11/2025 12:55:00	11.059	7.710	5.326	2.604	28.043	0.402	33.755	
15/11/2025 13:00:00	11.079	7.708	5.323	2.661	28.379	0.403	33.765	
15/11/2025 13:05:00	11.072	7.710	5.318	2.503	27.497	0.403	33.788	
15/11/2025 13:10:00	11.043	7.711	5.317	2.451	27.155	0.398	33.810	
15/11/2025 13:15:00	11.033	7.712	5.309	2.466	27.251	0.403	33.810	
15/11/2025 13:20:00	11.026	7.707	5.306	2.435	27.023	0.405	33.810	
15/11/2025 13:25:00	11.013	7.707	5.305	2.433	26.981	0.403	33.810	
15/11/2025 13:30:00	11.000	7.708	5.291	2.502	27.401	0.405	33.810	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
15/11/2025 13:35:00	94.146	7.709	5.284	2.555	27.737	0.404	33.844	
15/11/2025 13:40:00	100.202	7.710	5.284	2.543	27.665	0.412	33.908	
15/11/2025 13:45:00	10.974	7.709	5.278	2.477	27.209	0.401	33.855	
15/11/2025 13:50:00	10.905	7.706	5.275	2.505	27.335	0.404	33.869	
15/11/2025 13:55:00	10.961	7.707	5.270	2.532	27.503	0.403	33.886	
15/11/2025 14:00:00	10.944	7.703	5.264	2.502	27.389	0.405	33.876	
15/11/2025 14:05:00	10.941	7.702	5.267	2.517	27.389	0.407	33.891	
15/11/2025 14:10:00	10.948	7.703	5.260	2.594	27.893	0.397	33.907	
15/11/2025 14:15:00	10.908	7.702	5.264	2.431	26.831	0.403	33.851	
15/11/2025 14:20:00	10.925	7.696	5.264	2.439	26.963	0.404	33.836	
15/11/2025 14:25:00	10.974	7.703	5.272	2.446	27.035	0.405	33.855	
15/11/2025 14:30:00	10.957	7.705	5.272	2.447	26.981	0.406	33.831	
15/11/2025 14:35:00	10.977	7.704	5.273	2.449	26.999	0.403	33.810	
15/11/2025 14:40:00	10.948	7.707	5.281	2.466	27.119	0.402	33.810	
15/11/2025 14:45:00	11.020	7.708	5.284	2.389	26.765	0.402	33.810	
15/11/2025 14:50:00	11.016	7.713	5.303	2.383	26.663	0.408	33.810	
15/11/2025 14:55:00	11.023	7.717	5.338	2.393	26.807	0.408	33.810	
15/11/2025 15:00:00	11.099	7.718	5.323	2.394	26.867	0.401	33.810	
15/11/2025 15:05:00	11.036	7.718	5.449	2.394	26.849	0.406	33.810	
15/11/2025 15:10:00	11.089	7.716	5.393	2.409	26.975	0.404	33.810	
15/11/2025 15:15:00	11.026	7.715	5.302	2.412	26.861	0.404	33.810	
15/11/2025 15:20:00	11.026	7.714	5.294	2.405	26.741	0.412	33.810	
15/11/2025 15:25:00	11.023	7.716	5.291	2.410	26.861	0.401	33.788	
15/11/2025 15:30:00	11.056	7.717	5.293	2.413	26.879	0.404	33.776	
15/11/2025 15:35:00	11.059	7.718	5.306	2.406	26.891	0.411	33.759	
15/11/2025 15:40:00	11.030	7.719	5.369	2.401	26.825	0.403	33.742	
15/11/2025 15:45:00	11.066	7.722	5.399	2.433	27.071	0.405	33.713	
15/11/2025 15:50:00	11.148	7.724	5.527	2.425	27.131	0.407	33.709	
15/11/2025 15:55:00	11.158	7.730	5.584	2.426	27.077	0.404	33.709	
15/11/2025 16:00:00	11.233	7.733	5.584	2.437	27.083	0.405	33.709	
15/11/2025 16:05:00	11.164	7.734	5.599	2.436	27.125	0.407	33.709	
15/11/2025 16:10:00	11.203	7.736	5.744	2.437	27.155	0.401	33.709	
15/11/2025 16:15:00	11.207	7.737	5.825	2.459	27.263	0.406	33.709	
15/11/2025 16:20:00	11.190	7.732	5.764	2.442	27.209	0.404	33.709	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
15/11/2025 16:25:00	11.131	7.731	5.785	2.439	27.167	0.407	33.709	
15/11/2025 16:30:00	11.154	7.730	5.740	2.439	27.173	0.404	33.709	
15/11/2025 16:35:00	11.118	7.733	5.909	2.440	27.179	0.405	33.708	
15/11/2025 16:40:00	11.207	7.737	5.785	2.443	27.239	0.406	33.664	
15/11/2025 16:45:00	11.210	7.737	6.065	2.569	27.929	0.386	33.623	
15/11/2025 16:50:00	11.230	7.737	5.888	2.456	27.317	0.411	33.608	
15/11/2025 16:55:00	11.286	7.741	5.879	2.467	27.335	0.418	33.608	
15/11/2025 17:00:00	11.295	7.743	5.948	2.475	27.503	0.406	33.608	
15/11/2025 17:05:00	11.325	7.749	6.050	2.478	27.539	0.373	33.605	
15/11/2025 17:10:00	11.272	7.748	6.080	2.480	27.605	0.411	33.569	
15/11/2025 17:15:00	11.279	7.752	6.095	2.489	27.587	0.412	33.555	
15/11/2025 17:20:00	11.377	7.750	6.034	2.505	27.671	0.408	33.523	
15/11/2025 17:25:00	11.384	7.751	6.157	2.499	27.773	0.403	33.509	
15/11/2025 17:30:00	11.436	7.757	108.913	2.510	27.773	0.412	33.508	
15/11/2025 17:35:00	11.390	7.788	242.446	3.552	34.068	0.411	33.508	
15/11/2025 17:40:00	11.499	7.776	170.425	4.017	36.822	0.414	33.508	
15/11/2025 17:45:00	11.427	7.735	155.894	4.558	40.111	0.415	33.407	
15/11/2025 17:50:00	11.400	7.714	35.389	3.667	34.842	0.409	33.307	
15/11/2025 17:55:00	11.453	7.708	11.192	4.191	37.957	0.407	33.307	
15/11/2025 18:00:00	101.593	7.706	8.951	4.142	37.645	0.438	33.307	
15/11/2025 18:05:00	81.514	7.710	8.199	3.965	36.588	0.405	33.307	
15/11/2025 18:10:00	87.902	7.710	7.602	3.575	34.380	0.403	33.307	
15/11/2025 18:15:00	90.921	7.714	7.389	3.484	33.756	0.404	33.307	
15/11/2025 18:20:00	98.089	7.715	7.248	2.921	30.365	0.401	33.307	
15/11/2025 18:25:00	79.845	7.716	7.298	3.038	31.115	0.400	33.307	
15/11/2025 18:30:00	103.709	7.717	7.208	3.088	31.469	0.397	33.307	
15/11/2025 18:35:00	90.642	7.718	7.325	3.147	31.775	0.400	33.307	
15/11/2025 18:40:00	80.383	7.718	7.117	3.247	32.472	0.402	33.307	
15/11/2025 18:45:00	94.753	7.720	7.033	3.342	32.988	0.399	33.307	
15/11/2025 18:50:00	92.321	7.723	6.992	3.022	31.097	0.398	33.307	
15/11/2025 18:55:00	102.771	7.724	7.007	3.052	31.217	0.406	33.307	
15/11/2025 19:00:00	151.340	7.724	6.955	3.096	31.553	0.399	33.307	
15/11/2025 19:05:00	96.777	7.961	6.943	3.137	31.775	0.402	33.307	
15/11/2025 19:10:00	11.607	7.872	6.754	3.165	31.986	0.421	33.307	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
15/11/2025 19:15:00	11.607	7.820	6.688	3.152	31.866	0.397	33.307	
15/11/2025 19:20:00	11.587	7.790	6.653	3.310	32.862	0.396	33.307	
15/11/2025 19:25:00	11.633	7.772	6.412	3.010	31.049	0.401	33.306	
15/11/2025 19:30:00	11.630	7.760	6.530	3.034	31.127	0.401	33.304	
15/11/2025 19:35:00	11.735	7.751	6.526	3.056	31.271	0.399	33.300	
15/11/2025 19:40:00	11.620	7.745	6.551	3.056	31.277	0.405	33.272	
15/11/2025 19:45:00	11.650	7.741	6.586	3.071	31.433	0.400	33.239	
15/11/2025 19:50:00	11.660	7.738	6.457	3.099	31.631	0.403	33.217	
15/11/2025 19:55:00	11.607	7.733	6.502	2.951	30.671	0.411	33.207	
15/11/2025 20:00:00	11.627	7.731	6.461	2.938	30.701	0.402	33.207	
15/11/2025 20:05:00	11.653	7.731	6.496	2.950	30.689	0.400	33.206	
15/11/2025 20:10:00	11.633	7.731	6.452	2.966	30.827	0.395	33.206	
15/11/2025 20:15:00	11.673	7.733	6.433	2.974	30.863	0.409	33.206	
15/11/2025 20:20:00	11.650	7.732	6.445	2.984	30.941	0.403	33.203	
15/11/2025 20:25:00	11.692	7.733	6.443	2.918	30.497	0.396	33.174	
15/11/2025 20:30:00	11.689	7.734	6.460	2.955	30.761	0.403	33.161	
15/11/2025 20:35:00	11.699	7.737	6.476	2.947	30.743	0.399	33.157	
15/11/2025 20:40:00	11.679	7.739	6.583	2.941	30.761	0.391	33.157	
15/11/2025 20:45:00	11.633	7.742	6.551	2.943	30.671	0.403	33.156	
15/11/2025 20:50:00	11.696	7.742	6.415	2.964	30.887	0.395	33.154	
15/11/2025 20:55:00	11.722	7.743	6.439	2.942	30.779	0.398	33.146	
15/11/2025 21:00:00	11.735	7.743	6.547	2.971	30.881	0.400	33.134	
15/11/2025 21:05:00	11.705	7.749	6.514	3.042	31.295	0.398	33.125	
15/11/2025 21:10:00	11.696	7.750	6.596	2.972	30.875	0.400	33.115	
15/11/2025 21:15:00	27.854	7.751	6.455	2.971	30.899	0.402	33.107	
15/11/2025 21:20:00	11.715	7.754	6.544	2.993	31.025	0.403	33.106	
15/11/2025 21:25:00	11.702	7.757	6.740	3.002	31.133	0.401	33.106	
15/11/2025 21:30:00	11.725	7.755	128.325	3.372	33.216	0.406	33.109	
15/11/2025 21:35:00	11.751	7.769	264.703	4.422	39.523	0.402	33.013	
15/11/2025 21:40:00	11.742	7.766	240.721	4.423	39.631	0.395	33.006	
15/11/2025 21:45:00	11.732	7.759	211.322	5.034	43.238	0.383	33.066	
15/11/2025 21:50:00	11.768	7.739	63.846	5.084	43.634	0.400	33.106	
15/11/2025 21:55:00	11.728	7.714	12.909	4.770	41.731	0.402	33.106	
15/11/2025 22:00:00	75.209	7.700	9.482	4.235	38.515	0.406	33.106	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
15/11/2025 22:05:00	81.462	7.692	8.475	4.435	39.679	0.401	33.106	
15/11/2025 22:10:00	80.757	7.688	7.893	4.343	39.157	0.387	33.106	
15/11/2025 22:15:00	78.693	7.686	7.592	4.529	40.237	0.400	33.106	
15/11/2025 22:20:00	74.139	7.687	7.514	4.679	41.227	0.400	33.106	
15/11/2025 22:25:00	76.685	7.688	7.487	4.788	41.845	0.400	33.106	
15/11/2025 22:30:00	76.367	7.687	7.293	4.701	41.317	0.402	33.106	
15/11/2025 22:35:00	91.629	7.688	7.226	4.829	42.049	0.404	33.106	
15/11/2025 22:40:00	95.861	7.690	11.553	4.766	41.755	0.403	33.106	
15/11/2025 22:45:00	91.964	7.690	18.934	5.683	47.228	0.400	33.106	
15/11/2025 22:50:00	109.372	7.693	29.195	4.802	41.923	0.400	33.106	
15/11/2025 22:55:00	93.476	7.696	39.149	4.723	41.407	0.401	33.102	
15/11/2025 23:00:00	74.812	7.693	47.579	4.830	42.055	0.402	33.068	
15/11/2025 23:05:00	11.735	7.698	60.719	4.830	42.061	0.402	33.052	
15/11/2025 23:10:00	11.758	7.702	74.146	4.931	42.710	0.403	33.039	
15/11/2025 23:15:00	11.758	7.704	87.816	4.745	41.515	0.401	33.011	
15/11/2025 23:20:00	11.771	7.708	99.080	4.576	40.549	0.399	33.006	
15/11/2025 23:25:00	11.787	7.709	111.019	4.581	40.561	0.400	33.006	
15/11/2025 23:30:00	11.787	7.706	122.915	3.618	34.782	0.399	33.006	
15/11/2025 23:35:00	11.758	7.710	131.250	3.618	34.782	0.402	33.006	
15/11/2025 23:40:00	11.748	7.714	141.080	3.634	34.920	0.403	33.006	
15/11/2025 23:45:00	11.755	7.711	148.777	3.647	34.992	0.425	33.003	
15/11/2025 23:50:00	11.774	7.711	155.314	3.677	35.106	0.208	32.975	
15/11/2025 23:55:00	11.791	7.710	161.753	3.726	35.430	0.387	32.959	
16/11/2025 00:00:00	11.797	7.706	165.627	3.626	34.782	0.395	32.956	
16/11/2025 00:05:00	11.794	7.707	169.238	3.805	35.970	0.392	32.952	
16/11/2025 00:10:00	11.801	7.711	173.072	3.814	35.946	0.398	32.941	
16/11/2025 00:15:00	11.810	7.713	179.405	3.848	36.162	0.398	32.917	
16/11/2025 00:20:00	11.725	7.715	180.626	3.878	36.360	0.405	32.907	
16/11/2025 00:25:00	11.764	7.714	186.211	3.948	36.810	0.402	32.906	
16/11/2025 00:30:00	11.794	7.715	186.940	4.847	42.181	0.403	32.906	
16/11/2025 00:35:00	11.801	7.716	182.325	3.911	36.480	0.398	32.906	
16/11/2025 00:40:00	11.817	7.718	183.100	4.026	37.243	0.399	32.906	
16/11/2025 00:45:00	11.778	7.720	179.991	4.026	37.237	0.396	32.906	
16/11/2025 00:50:00	11.764	7.724	173.858	4.083	37.573	0.403	32.906	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
16/11/2025 00:55:00	11.738	7.726	164.410	4.156	37.987	0.396	32.906	
16/11/2025 01:00:00	11.784	7.726	159.284	4.197	38.311	0.404	32.906	
16/11/2025 01:05:00	11.781	7.732	150.520	4.132	37.903	0.401	32.906	
16/11/2025 01:10:00	11.774	7.734	138.735	4.219	38.431	0.398	32.906	
16/11/2025 01:15:00	11.755	7.733	127.857	4.283	38.857	0.398	32.906	
16/11/2025 01:20:00	11.735	7.736	117.446	4.333	39.079	0.398	32.906	
16/11/2025 01:25:00	11.705	7.739	105.063	4.367	39.325	0.402	32.906	
16/11/2025 01:30:00	11.804	7.742	82.215	5.174	44.114	0.405	32.906	
16/11/2025 01:35:00	11.755	7.758	5.606	6.965	54.940	0.398	32.906	
16/11/2025 01:40:00	11.748	7.749	5.612	6.586	52.750	0.404	32.906	
16/11/2025 01:45:00	11.755	7.751	5.603	7.287	56.854	0.407	32.908	
16/11/2025 01:50:00	11.787	7.742	138.692	6.253	50.637	0.400	33.004	
16/11/2025 01:55:00	11.751	7.733	41.251	4.990	43.088	0.399	33.006	
16/11/2025 02:00:00	11.830	7.730	34.747	5.282	44.786	0.395	33.006	
16/11/2025 02:05:00	83.552	7.729	26.514	3.784	35.808	0.402	33.006	
16/11/2025 02:10:00	83.486	7.727	19.263	3.728	35.562	0.399	33.006	
16/11/2025 02:15:00	80.809	7.728	10.593	3.612	34.818	0.401	33.006	
16/11/2025 02:20:00	77.105	7.729	8.364	3.700	35.244	0.399	33.006	
16/11/2025 02:25:00	93.434	7.730	8.123	3.797	35.886	0.396	33.006	
16/11/2025 02:30:00	100.156	7.733	8.057	3.756	35.646	0.401	33.006	
16/11/2025 02:35:00	88.486	7.735	7.901	3.633	34.926	0.387	33.006	
16/11/2025 02:40:00	97.010	7.733	7.886	3.762	35.682	0.399	33.006	
16/11/2025 02:45:00	91.426	7.736	7.814	3.762	35.682	0.397	33.006	
16/11/2025 02:50:00	94.907	7.739	7.805	3.797	35.880	0.396	33.006	
16/11/2025 02:55:00	81.944	7.740	7.517	3.848	36.204	0.402	33.004	
16/11/2025 03:00:00	11.715	7.743	7.638	3.919	36.666	0.400	33.001	
16/11/2025 03:05:00	11.686	7.746	7.697	4.476	39.955	0.400	32.990	
16/11/2025 03:10:00	11.745	7.746	7.446	4.134	37.921	0.398	32.974	
16/11/2025 03:15:00	11.728	7.747	7.526	3.655	35.034	0.398	32.961	
16/11/2025 03:20:00	11.764	7.753	7.556	3.684	35.274	0.393	32.962	
16/11/2025 03:25:00	11.745	7.755	7.587	3.719	35.490	0.398	32.957	
16/11/2025 03:30:00	11.738	7.759	7.575	3.720	35.442	0.399	32.956	
16/11/2025 03:35:00	11.764	7.763	7.490	3.749	35.574	0.395	32.956	
16/11/2025 03:40:00	11.712	7.762	7.316	3.726	35.490	0.397	32.954	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
16/11/2025 03:45:00	11.732	7.765	7.412	3.777	35.802	0.399	32.951	
16/11/2025 03:50:00	11.787	7.768	7.590	3.763	35.694	0.396	32.945	
16/11/2025 03:55:00	11.751	7.771	7.208	3.948	36.876	0.401	32.942	
16/11/2025 04:00:00	11.755	7.770	7.319	3.640	35.058	0.396	32.923	
16/11/2025 04:05:00	11.784	7.771	7.200	3.691	35.274	0.399	32.915	
16/11/2025 04:10:00	11.742	7.773	7.239	3.576	34.602	0.395	32.907	
16/11/2025 04:15:00	11.771	7.774	7.179	3.689	35.238	0.400	32.906	
16/11/2025 04:20:00	11.755	7.780	7.239	3.710	35.358	0.395	32.906	
16/11/2025 04:25:00	11.797	7.780	7.350	3.756	35.676	0.386	32.906	
16/11/2025 04:30:00	11.725	7.784	7.316	3.749	35.586	0.385	32.906	
16/11/2025 04:35:00	11.748	7.785	7.203	3.814	35.988	0.399	32.906	
16/11/2025 04:40:00	11.745	7.789	7.214	4.018	37.309	0.395	32.906	
16/11/2025 04:45:00	11.745	7.790	7.256	3.891	36.378	0.395	32.906	
16/11/2025 04:50:00	11.755	7.790	7.188	3.868	36.306	0.397	32.906	
16/11/2025 04:55:00	11.794	7.792	7.233	3.840	36.210	0.408	32.906	
16/11/2025 05:00:00	11.745	7.792	7.051	3.796	35.904	0.395	32.906	
16/11/2025 05:05:00	11.784	7.794	7.100	3.789	35.856	0.390	32.906	
16/11/2025 05:10:00	11.696	7.799	7.070	3.849	36.216	0.395	32.906	
16/11/2025 05:15:00	11.758	7.799	7.146	3.832	36.102	0.402	32.906	
16/11/2025 05:20:00	11.748	7.800	7.079	3.854	36.228	0.431	32.906	
16/11/2025 05:25:00	11.722	7.802	6.995	3.846	36.192	0.401	32.906	
16/11/2025 05:30:00	11.778	7.806	111.478	3.834	36.108	0.396	32.906	
16/11/2025 05:35:00	11.797	7.875	214.376	6.244	50.493	0.402	32.806	
16/11/2025 05:40:00	11.751	7.849	178.773	5.694	47.270	0.396	32.806	
16/11/2025 05:45:00	11.774	7.829	152.672	5.167	44.084	0.392	32.906	
16/11/2025 05:50:00	11.712	7.800	46.782	4.894	42.476	0.395	33.006	
16/11/2025 05:55:00	25.363	7.772	12.152	4.324	39.097	0.398	33.042	
16/11/2025 06:00:00	65.311	7.754	9.647	4.340	39.187	0.398	33.056	
16/11/2025 06:05:00	60.908	7.743	8.753	4.703	41.329	0.398	33.061	
16/11/2025 06:10:00	64.608	7.734	8.202	4.361	39.283	0.400	33.068	
16/11/2025 06:15:00	69.910	7.727	8.049	3.814	35.964	0.402	33.061	
16/11/2025 06:20:00	80.661	7.722	7.913	3.896	36.516	0.399	33.060	
16/11/2025 06:25:00	83.299	7.717	7.826	3.761	35.658	0.402	33.062	
16/11/2025 06:30:00	73.184	7.716	7.673	3.840	36.102	0.395	33.059	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
16/11/2025 06:35:00	83.906	7.714	7.500	3.832	36.090	0.405	33.055	
16/11/2025 06:40:00	94.087	7.713	7.488	4.680	41.185	0.400	33.049	
16/11/2025 06:45:00	83.352	7.710	7.415	3.880	36.420	0.399	33.043	
16/11/2025 06:50:00	77.469	7.713	7.397	3.780	35.742	0.407	33.040	
16/11/2025 06:55:00	94.641	7.712	7.362	3.808	35.928	0.390	33.039	
16/11/2025 07:00:00	60.675	7.713	7.316	3.800	35.916	0.402	33.035	
16/11/2025 07:05:00	11.715	7.714	7.200	3.805	35.934	0.410	33.031	
16/11/2025 07:10:00	11.715	7.717	7.350	3.793	35.802	0.397	33.028	
16/11/2025 07:15:00	11.679	7.716	7.118	3.740	35.466	0.397	33.012	
16/11/2025 07:20:00	11.673	7.719	7.181	3.704	35.256	0.399	33.013	
16/11/2025 07:25:00	11.650	7.724	7.179	3.704	35.334	0.396	33.015	
16/11/2025 07:30:00	11.696	7.728	7.182	3.745	35.538	0.400	33.011	
16/11/2025 07:35:00	11.673	7.729	7.182	3.737	35.430	0.399	33.013	
16/11/2025 07:40:00	11.656	7.733	7.223	3.766	35.616	0.398	33.016	
16/11/2025 07:45:00	11.630	7.732	7.018	3.570	34.422	0.402	33.021	
16/11/2025 07:50:00	11.640	7.735	7.066	3.790	35.796	0.399	33.015	
16/11/2025 07:55:00	11.597	7.737	6.880	3.773	35.640	0.401	33.015	
16/11/2025 08:00:00	11.568	7.737	6.773	3.764	35.520	0.399	33.026	
16/11/2025 08:05:00	11.525	7.742	6.799	3.784	35.670	0.400	33.030	
16/11/2025 08:10:00	11.535	7.744	6.757	3.774	35.532	0.402	33.035	
16/11/2025 08:15:00	11.512	7.746	7.072	4.954	42.668	0.399	33.036	
16/11/2025 08:20:00	11.492	7.747	7.046	4.011	36.960	0.401	33.044	
16/11/2025 08:25:00	11.473	7.750	6.610	3.729	35.226	0.402	33.047	
16/11/2025 08:30:00	11.459	7.753	6.689	3.741	35.268	0.400	33.057	
16/11/2025 08:35:00	11.420	7.756	6.595	3.811	35.694	0.397	33.064	
16/11/2025 08:40:00	11.368	7.758	6.430	3.844	35.910	0.398	33.065	
16/11/2025 08:45:00	11.397	7.762	6.647	3.873	36.096	0.400	33.093	
16/11/2025 08:50:00	11.394	7.762	6.446	3.787	35.532	0.400	33.078	
16/11/2025 08:55:00	11.453	7.763	6.364	3.828	35.748	0.401	33.097	
16/11/2025 09:00:00	11.397	7.768	6.295	3.864	35.946	0.399	33.106	
16/11/2025 09:05:00	11.368	7.769	6.460	3.862	35.952	0.399	33.106	
16/11/2025 09:10:00	11.381	7.768	6.344	3.863	35.940	0.400	33.106	
16/11/2025 09:15:00	11.377	7.764	6.326	3.803	35.562	0.401	33.106	
16/11/2025 09:20:00	11.384	7.761	6.292	4.257	38.329	0.403	33.106	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
16/11/2025 09:25:00	11.371	7.764	6.173	4.043	37.032	0.398	33.106	
16/11/2025 09:30:00	11.358	7.766	109.573	3.979	36.600	0.403	33.106	
16/11/2025 09:35:00	11.315	7.861	240.502	5.502	45.716	0.406	33.106	
16/11/2025 09:40:00	11.358	7.836	189.737	5.501	45.590	0.407	33.106	
16/11/2025 09:45:00	11.371	7.790	157.599	5.987	48.603	0.406	33.205	
16/11/2025 09:50:00	11.348	7.760	32.608	5.301	44.456	0.404	33.307	
16/11/2025 09:55:00	11.371	7.748	10.514	5.450	45.416	0.402	33.307	
16/11/2025 10:00:00	11.269	7.739	8.466	5.343	44.774	0.404	33.307	
16/11/2025 10:05:00	11.322	7.737	7.631	4.936	42.301	0.401	33.307	
16/11/2025 10:10:00	96.803	7.735	7.104	5.034	42.818	0.400	33.307	
16/11/2025 10:15:00	92.308	7.729	6.883	4.941	42.271	0.401	33.307	
16/11/2025 10:20:00	86.094	7.726	6.673	5.082	43.094	0.401	33.307	
16/11/2025 10:25:00	89.395	7.721	6.710	4.428	39.265	0.400	33.307	
16/11/2025 10:30:00	89.546	7.720	6.515	4.509	39.673	0.403	33.307	
16/11/2025 10:35:00	11.243	7.720	6.338	4.851	41.779	0.402	33.307	
16/11/2025 10:40:00	11.236	7.723	6.317	4.298	38.443	0.399	33.307	
16/11/2025 10:45:00	11.226	7.721	6.316	4.206	37.837	0.401	33.307	
16/11/2025 10:50:00	11.213	7.721	6.283	4.337	38.695	0.403	33.307	
16/11/2025 10:55:00	11.171	7.724	6.095	3.923	36.258	0.402	33.320	
16/11/2025 11:00:00	11.259	7.721	6.287	4.120	37.357	0.401	33.347	
16/11/2025 11:05:00	11.223	7.723	6.131	4.197	37.741	0.400	33.383	
16/11/2025 11:10:00	11.125	7.726	6.091	4.219	37.957	0.401	33.405	
16/11/2025 11:15:00	11.220	7.723	6.115	4.258	38.137	0.401	33.407	
16/11/2025 11:20:00	11.174	7.730	5.881	4.229	37.897	0.400	33.407	
16/11/2025 11:25:00	11.190	7.731	5.894	4.319	38.401	0.408	33.407	
16/11/2025 11:30:00	11.085	7.735	5.897	4.255	38.065	0.403	33.407	
16/11/2025 11:35:00	11.161	7.734	5.858	4.254	38.047	0.400	33.407	
16/11/2025 11:40:00	11.154	7.741	5.744	4.337	38.677	0.401	33.407	
16/11/2025 11:45:00	11.158	7.744	5.845	4.465	39.295	0.399	33.407	
16/11/2025 11:50:00	11.138	7.747	5.695	5.161	43.466	0.221	33.407	
16/11/2025 11:55:00	11.128	7.750	5.671	4.811	41.329	0.384	33.407	
16/11/2025 12:00:00	11.144	7.756	5.728	4.306	38.335	0.392	33.408	
16/11/2025 12:05:00	11.141	7.762	5.600	4.377	38.767	0.395	33.414	
16/11/2025 12:10:00	11.115	7.768	5.701	4.463	39.289	0.394	33.416	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
16/11/2025 12:15:00	11.148	7.768	5.791	4.569	39.943	0.394	33.411	
16/11/2025 12:20:00	11.161	7.768	5.684	4.734	40.927	0.399	33.408	
16/11/2025 12:25:00	11.184	7.769	5.767	4.493	39.445	0.402	33.407	
16/11/2025 12:30:00	11.148	7.766	5.776	4.590	40.075	0.415	33.408	
16/11/2025 12:35:00	11.174	7.763	5.869	4.662	40.555	0.398	33.407	
16/11/2025 12:40:00	11.158	7.762	6.020	4.470	39.367	0.401	33.407	
16/11/2025 12:45:00	11.141	7.760	6.034	4.284	38.233	0.414	33.407	
16/11/2025 12:50:00	11.190	7.759	5.957	4.350	38.635	0.402	33.411	
16/11/2025 12:55:00	11.151	7.759	5.890	4.335	38.551	0.398	33.473	
16/11/2025 13:00:00	11.190	7.751	5.884	4.278	38.215	0.401	33.407	
16/11/2025 13:05:00	11.197	7.747	5.659	4.364	38.779	0.390	33.407	
16/11/2025 13:10:00	11.184	7.752	5.666	4.393	38.989	0.391	33.407	
16/11/2025 13:15:00	11.220	7.756	5.693	4.410	38.995	0.404	33.407	
16/11/2025 13:20:00	11.203	7.756	5.705	4.380	38.899	0.403	33.407	
16/11/2025 13:25:00	11.263	7.754	5.642	7.183	55.774	0.404	33.407	
16/11/2025 13:30:00	11.246	7.758	174.332	4.243	37.933	0.407	33.407	
16/11/2025 13:35:00	11.282	7.865	275.643	6.989	54.454	0.409	33.407	
16/11/2025 13:40:00	11.322	7.871	238.224	6.698	52.779	0.400	33.419	
16/11/2025 13:45:00	11.312	7.821	180.393	6.451	51.303	0.403	33.508	
16/11/2025 13:50:00	11.276	7.781	39.934	5.696	46.784	0.403	33.508	
16/11/2025 13:55:00	11.322	7.749	10.512	5.528	45.752	0.399	33.508	
16/11/2025 14:00:00	82.666	7.733	8.255	5.117	43.424	0.408	33.508	
16/11/2025 14:05:00	89.802	7.722	7.790	5.473	45.458	0.412	33.508	
16/11/2025 14:10:00	93.473	7.714	7.221	5.131	43.394	0.411	33.510	
16/11/2025 14:15:00	88.873	7.706	7.114	5.131	43.454	0.404	33.546	
16/11/2025 14:20:00	88.978	7.706	6.844	5.081	43.184	0.406	33.539	
16/11/2025 14:25:00	83.220	7.698	6.553	4.758	41.155	0.408	33.547	
16/11/2025 14:30:00	66.958	7.693	6.485	4.573	40.075	0.408	33.534	
16/11/2025 14:35:00	70.268	7.685	6.580	4.737	41.029	0.409	33.556	
16/11/2025 14:40:00	63.834	7.685	6.445	4.764	41.227	0.408	33.562	
16/11/2025 14:45:00	63.194	7.690	6.419	4.706	40.927	0.422	33.566	
16/11/2025 14:50:00	11.263	7.696	6.194	4.761	41.239	0.409	33.565	
16/11/2025 14:55:00	11.256	7.700	6.316	4.826	41.527	0.414	33.561	
16/11/2025 15:00:00	11.213	7.710	6.092	4.470	39.391	0.409	33.558	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
16/11/2025 15:05:00	11.240	7.713	6.116	4.563	40.033	0.405	33.556	
16/11/2025 15:10:00	54.759	7.719	6.203	4.694	40.813	0.399	33.554	
16/11/2025 15:15:00	46.138	7.726	6.185	4.715	40.927	0.415	33.555	
16/11/2025 15:20:00	46.144	7.729	6.163	4.668	40.627	0.412	33.541	
16/11/2025 15:25:00	56.695	7.732	6.052	4.670	40.699	0.411	33.514	
16/11/2025 15:30:00	44.947	7.735	6.017	3.518	33.744	0.411	33.512	
16/11/2025 15:35:00	11.354	7.737	5.879	3.206	31.968	0.411	33.508	
16/11/2025 15:40:00	11.354	7.739	6.700	3.251	32.214	0.411	33.508	
16/11/2025 15:45:00	11.358	7.741	6.617	3.304	32.544	0.411	33.508	
16/11/2025 15:50:00	11.387	7.748	6.578	3.319	32.676	0.407	33.508	
16/11/2025 15:55:00	11.358	7.751	6.898	3.336	32.718	0.408	33.508	
16/11/2025 16:00:00	11.407	7.756	7.085	4.064	37.117	0.407	33.508	
16/11/2025 16:05:00	11.453	7.760	6.910	3.381	33.072	0.405	33.508	
16/11/2025 16:10:00	11.433	7.764	6.872	3.376	33.108	0.408	33.508	
16/11/2025 16:15:00	11.482	7.769	7.012	3.408	33.222	0.408	33.508	
16/11/2025 16:20:00	11.453	7.773	7.123	3.408	33.294	0.408	33.508	
16/11/2025 16:25:00	11.509	7.779	7.233	3.434	33.534	0.411	33.508	
16/11/2025 16:30:00	11.430	7.782	7.313	3.468	33.612	0.406	33.506	
16/11/2025 16:35:00	11.495	7.786	7.169	3.169	31.938	0.410	33.497	
16/11/2025 16:40:00	11.518	7.788	7.218	3.163	31.847	0.406	33.476	
16/11/2025 16:45:00	11.548	7.793	7.208	3.178	31.956	0.411	33.470	
16/11/2025 16:50:00	11.561	7.795	7.007	3.188	32.004	0.403	33.446	
16/11/2025 16:55:00	11.522	7.799	7.027	3.202	32.088	0.406	33.434	
16/11/2025 17:00:00	11.564	7.805	7.209	3.225	32.226	0.405	33.411	
16/11/2025 17:05:00	11.551	7.806	6.907	3.203	32.118	0.407	33.407	
16/11/2025 17:10:00	11.568	7.808	7.148	3.232	32.340	0.408	33.407	
16/11/2025 17:15:00	11.571	7.812	7.006	3.233	32.346	0.407	33.407	
16/11/2025 17:20:00	11.564	7.815	7.114	3.240	32.364	0.409	33.407	
16/11/2025 17:25:00	11.571	7.818	7.160	3.256	32.478	0.405	33.407	
16/11/2025 17:30:00	11.587	7.822	106.595	3.271	32.574	0.411	33.407	
16/11/2025 17:35:00	11.577	7.884	193.360	4.947	42.572	0.409	33.358	
16/11/2025 17:40:00	11.574	7.912	172.543	4.760	41.425	0.410	33.394	
16/11/2025 17:45:00	11.574	7.894	70.342	5.016	43.064	0.411	33.407	
16/11/2025 17:50:00	64.805	7.858	13.878	4.287	38.611	0.411	33.407	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
16/11/2025 17:55:00	46.259	7.837	10.196	4.335	38.935	0.410	33.407	
16/11/2025 18:00:00	82.774	7.832	9.171	4.397	39.451	0.408	33.407	
16/11/2025 18:05:00	68.145	7.823	8.564	4.392	39.391	0.411	33.407	
16/11/2025 18:10:00	85.396	7.817	8.436	4.407	39.397	0.405	33.406	
16/11/2025 18:15:00	89.037	7.812	8.232	4.700	41.155	0.410	33.405	
16/11/2025 18:20:00	91.931	7.813	7.979	4.358	39.151	0.408	33.405	
16/11/2025 18:25:00	102.643	7.808	8.081	3.954	36.732	0.408	33.397	
16/11/2025 18:30:00	85.107	7.809	7.790	4.024	37.152	0.406	33.394	
16/11/2025 18:35:00	72.089	7.807	7.802	4.346	39.091	0.407	33.380	
16/11/2025 18:40:00	11.650	7.808	7.560	4.017	37.050	0.406	33.359	
16/11/2025 18:45:00	11.587	7.804	7.613	4.039	37.171	0.403	33.357	
16/11/2025 18:50:00	11.607	7.791	7.518	4.054	37.321	0.406	33.354	
16/11/2025 18:55:00	11.640	7.773	7.293	4.381	39.331	0.407	33.341	
16/11/2025 19:00:00	11.630	7.763	7.311	4.332	39.007	0.410	33.322	
16/11/2025 19:05:00	11.640	7.756	7.377	4.276	38.695	0.409	33.313	
16/11/2025 19:10:00	11.650	7.752	7.353	4.162	37.969	0.404	33.307	
16/11/2025 19:15:00	11.722	7.750	7.247	4.162	38.053	0.406	33.307	
16/11/2025 19:20:00	11.682	7.746	7.340	4.163	38.005	0.405	33.307	
16/11/2025 19:25:00	11.676	7.746	7.349	4.206	38.263	0.405	33.307	
16/11/2025 19:30:00	11.699	7.747	7.377	4.206	38.311	0.405	33.307	
16/11/2025 19:35:00	11.650	7.746	7.221	4.236	38.395	0.407	33.307	
16/11/2025 19:40:00	11.663	7.745	7.145	4.078	37.525	0.407	33.307	
16/11/2025 19:45:00	11.607	7.746	7.058	4.107	37.639	0.404	33.307	
16/11/2025 19:50:00	11.620	7.747	7.229	4.063	37.543	0.406	33.307	
16/11/2025 19:55:00	11.623	7.750	7.187	4.049	37.339	0.404	33.307	
16/11/2025 20:00:00	11.620	7.754	7.055	4.064	37.429	0.403	33.307	
16/11/2025 20:05:00	11.650	7.755	7.136	4.028	37.225	0.405	33.307	
16/11/2025 20:10:00	11.682	7.758	7.088	4.328	38.935	0.407	33.307	
16/11/2025 20:15:00	11.699	7.760	7.181	4.121	37.789	0.403	33.307	
16/11/2025 20:20:00	11.666	7.761	7.221	4.122	37.777	0.405	33.307	
16/11/2025 20:25:00	11.669	7.761	7.295	4.138	37.897	0.403	33.307	
16/11/2025 20:30:00	11.630	7.765	7.164	4.136	37.903	0.404	33.307	
16/11/2025 20:35:00	11.653	7.770	7.114	4.151	37.987	0.403	33.307	
16/11/2025 20:40:00	11.692	7.771	7.118	4.151	37.987	0.400	33.307	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
16/11/2025 20:45:00	11.669	7.773	7.100	4.066	37.441	0.401	33.307	
16/11/2025 20:50:00	11.617	7.779	7.024	4.078	37.567	0.403	33.307	
16/11/2025 20:55:00	11.650	7.779	7.021	4.037	37.243	0.405	33.307	
16/11/2025 21:00:00	11.673	7.781	7.039	4.032	37.315	0.404	33.307	
16/11/2025 21:05:00	11.679	7.782	7.069	4.030	37.249	0.408	33.307	
16/11/2025 21:10:00	11.709	7.785	7.232	5.529	46.262	0.404	33.307	
16/11/2025 21:15:00	11.705	7.785	7.119	4.117	37.801	0.406	33.306	
16/11/2025 21:20:00	11.676	7.790	7.061	4.088	37.579	0.405	33.304	
16/11/2025 21:25:00	11.705	7.791	7.090	4.096	37.711	0.406	33.282	
16/11/2025 21:30:00	11.712	7.795	7.161	4.254	38.569	0.406	33.263	
16/11/2025 21:35:00	11.705	7.798	6.983	4.160	38.017	0.406	33.224	
16/11/2025 21:40:00	11.748	7.801	6.943	4.162	38.059	0.408	33.208	
16/11/2025 21:45:00	11.705	7.803	7.028	4.067	37.513	0.422	33.207	
16/11/2025 21:50:00	11.722	7.806	7.106	4.112	37.711	0.404	33.206	
16/11/2025 21:55:00	11.676	7.809	7.094	4.146	37.915	0.404	33.206	
16/11/2025 22:00:00	11.712	7.808	7.170	4.154	38.041	0.402	33.206	
16/11/2025 22:05:00	11.702	7.817	7.174	4.155	38.065	0.408	33.206	
16/11/2025 22:10:00	11.709	7.817	7.155	4.162	38.119	0.405	33.203	
16/11/2025 22:15:00	11.719	7.820	7.057	3.449	33.774	0.411	33.190	
16/11/2025 22:20:00	11.709	7.824	7.148	3.456	33.768	0.409	33.179	
16/11/2025 22:25:00	11.735	7.825	6.967	3.478	33.930	0.403	33.170	
16/11/2025 22:30:00	11.728	7.829	7.009	3.484	34.002	0.415	33.159	
16/11/2025 22:35:00	11.712	7.832	6.890	3.500	34.080	0.407	33.157	
16/11/2025 22:40:00	11.676	7.833	6.896	3.497	34.134	0.409	33.156	
16/11/2025 22:45:00	11.745	7.834	6.940	3.621	34.746	0.408	33.156	
16/11/2025 22:50:00	11.715	7.835	6.943	3.555	34.404	0.394	33.154	
16/11/2025 23:00:00	11.702	7.840	6.920	3.528	34.224	0.405	33.143	
16/11/2025 23:05:00	11.748	7.840	6.928	3.526	34.176	0.408	33.131	
16/11/2025 23:10:00	11.742	7.841	7.013	3.528	34.194	0.406	33.122	
16/11/2025 23:15:00	27.558	7.849	6.991	3.502	34.116	0.405	33.119	
16/11/2025 23:20:00	11.719	7.843	6.935	3.514	34.206	0.404	33.107	
16/11/2025 23:25:00	11.728	7.847	7.034	3.515	34.230	0.406	33.107	
16/11/2025 23:30:00	11.719	7.850	11.108	3.550	34.404	0.407	33.106	
16/11/2025 23:35:00	11.669	7.853	17.898	3.563	34.440	0.432	33.106	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
16/11/2025 23:40:00	11.719	7.853	27.263	3.585	34.530	0.404	33.106	
16/11/2025 23:45:00	11.689	7.850	36.492	3.999	36.990	0.409	33.017	
16/11/2025 23:50:00	11.755	7.870	94.714	5.741	47.444	0.202	33.018	
16/11/2025 23:55:00	11.696	7.871	5.582	5.559	46.406	0.392	33.006	
17/11/2025 00:00:00	11.748	7.863	5.584	5.690	47.264	0.403	33.106	
17/11/2025 00:05:00	11.666	7.846	93.738	5.649	46.940	0.404	33.107	
17/11/2025 00:10:00	11.768	7.838	90.243	5.526	46.166	0.407	33.120	
17/11/2025 00:15:00	11.758	7.830	95.207	5.557	46.382	0.407	33.123	
17/11/2025 00:20:00	130.546	7.823	100.028	5.535	46.286	0.409	33.112	
17/11/2025 00:25:00	108.342	7.818	102.732	5.355	45.200	0.409	33.111	
17/11/2025 00:30:00	201.467	7.814	105.509	5.185	44.144	0.407	33.111	
17/11/2025 00:35:00	265.653	7.812	111.511	5.121	43.808	0.409	33.108	
17/11/2025 00:40:00	249.679	7.812	115.895	4.914	42.512	0.410	33.106	
17/11/2025 00:45:00	250.243	7.810	119.460	5.457	45.824	0.407	33.106	
17/11/2025 00:50:00	264.275	7.808	120.714	5.321	44.978	0.405	33.106	
17/11/2025 00:55:00	260.568	7.810	121.529	5.263	44.654	0.410	33.106	
17/11/2025 01:00:00	254.757	7.810	123.081	5.349	45.200	0.407	33.106	
17/11/2025 01:05:00	252.638	7.812	126.693	5.064	43.466	0.407	33.106	
17/11/2025 01:10:00	239.348	7.814	125.312	5.278	44.660	0.414	33.106	
17/11/2025 01:15:00	244.213	7.815	120.272	5.272	44.666	0.410	33.106	
17/11/2025 01:20:00	11.702	7.820	118.115	4.844	42.133	0.406	33.106	
17/11/2025 01:25:00	11.732	7.821	112.242	4.936	42.686	0.410	33.105	
17/11/2025 01:30:00	11.712	7.820	104.304	5.008	43.100	0.385	33.102	
17/11/2025 01:35:00	11.738	7.820	93.873	4.943	42.770	0.405	33.079	
17/11/2025 01:40:00	11.745	7.823	84.662	5.007	43.094	0.410	33.059	
17/11/2025 01:45:00	11.784	7.826	77.744	5.115	43.772	0.440	33.051	
17/11/2025 01:50:00	11.712	7.830	71.364	4.960	42.812	0.404	33.041	
17/11/2025 01:55:00	11.735	7.831	63.305	5.125	43.760	0.408	33.026	
17/11/2025 02:00:00	11.751	7.834	55.047	5.216	44.408	0.407	33.018	
17/11/2025 02:05:00	11.748	7.834	45.870	5.243	44.522	0.408	33.011	
17/11/2025 02:10:00	11.748	7.835	36.705	5.308	44.960	0.403	33.008	
17/11/2025 02:15:00	11.778	7.840	28.565	5.392	45.476	0.404	33.007	
17/11/2025 02:25:00	11.705	7.843	11.136	5.196	44.330	0.405	33.006	
17/11/2025 02:30:00	11.712	7.846	7.829	5.230	44.570	0.409	33.006	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
17/11/2025 02:35:00	11.748	7.851	7.647	5.215	44.444	0.410	33.006	
17/11/2025 02:40:00	11.784	7.851	7.548	5.251	44.666	0.414	33.006	
17/11/2025 02:45:00	11.745	7.854	7.425	5.292	44.792	0.407	33.006	
17/11/2025 02:50:00	11.748	7.854	7.533	5.323	45.062	0.408	33.006	
17/11/2025 02:55:00	11.732	7.855	7.473	5.600	46.778	0.409	33.006	
17/11/2025 03:00:00	11.679	7.856	7.385	5.317	44.942	0.409	33.006	
17/11/2025 03:05:00	11.738	7.861	7.413	5.415	45.596	0.409	33.006	
17/11/2025 03:10:00	11.791	7.862	7.323	5.436	45.734	0.408	33.006	
17/11/2025 03:15:00	11.768	7.864	7.338	5.458	45.836	0.406	33.006	
17/11/2025 03:20:00	11.768	7.865	7.319	5.464	45.902	0.407	33.006	
17/11/2025 03:25:00	11.742	7.868	7.254	5.436	45.722	0.407	33.005	
17/11/2025 03:30:00	11.692	7.869	7.310	5.507	46.118	0.404	33.002	
17/11/2025 03:35:00	11.758	7.871	7.382	5.307	44.954	0.388	33.000	
17/11/2025 03:40:00	11.719	7.872	7.335	5.494	46.124	0.395	32.989	
17/11/2025 03:45:00	11.755	7.880	7.233	5.521	46.316	0.411	32.970	
17/11/2025 03:50:00	11.794	7.940	202.471	9.032	67.218	0.410	32.955	
17/11/2025 03:55:00	11.728	7.967	176.723	8.497	64.032	0.411	33.005	
17/11/2025 04:00:00	11.705	7.934	146.734	8.267	62.645	0.409	33.064	
17/11/2025 04:05:00	11.751	7.893	16.434	8.453	63.882	0.393	33.106	
17/11/2025 04:10:00	11.732	7.877	10.752	7.826	60.023	0.410	33.106	
17/11/2025 04:15:00	11.686	7.866	9.290	7.811	59.939	0.407	33.106	
17/11/2025 04:20:00	11.755	7.861	8.771	8.442	63.786	0.409	33.106	
17/11/2025 04:25:00	11.758	7.856	8.250	7.542	58.421	0.406	33.106	
17/11/2025 04:30:00	11.764	7.851	8.201	7.564	58.529	0.411	33.106	
17/11/2025 04:35:00	11.758	7.845	7.943	7.798	59.921	0.406	33.106	
17/11/2025 04:40:00	11.755	7.844	7.919	7.886	60.347	0.422	33.106	
17/11/2025 04:45:00	11.738	7.843	7.605	7.683	59.189	0.414	33.106	
17/11/2025 04:50:00	11.738	7.843	7.682	7.706	59.363	0.432	33.106	
17/11/2025 04:55:00	11.745	7.841	7.743	8.567	64.536	0.396	33.106	
17/11/2025 05:00:00	11.725	7.843	7.568	7.312	56.950	0.409	33.098	
17/11/2025 05:05:00	11.748	7.843	7.485	7.684	59.171	0.412	33.090	
17/11/2025 05:10:00	243.865	7.845	7.395	7.878	60.353	0.411	33.087	
17/11/2025 05:15:00	201.644	7.851	7.385	7.834	60.131	0.416	33.065	
17/11/2025 05:20:00	228.265	7.852	7.508	7.629	58.829	0.414	33.055	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
17/11/2025 05:25:00	236.834	7.855	7.436	7.538	58.319	0.414	33.048	
17/11/2025 05:30:00	243.439	7.858	7.403	7.245	56.602	0.417	33.033	
17/11/2025 05:35:00	245.502	7.858	7.269	7.322	57.016	0.417	33.023	
17/11/2025 05:40:00	270.007	7.857	7.268	7.323	57.004	0.415	33.009	
17/11/2025 05:45:00	263.370	7.865	7.340	7.263	56.680	0.411	33.007	
17/11/2025 05:50:00	252.189	7.866	7.170	7.372	57.334	0.417	33.006	
17/11/2025 05:55:00	258.373	7.869	7.200	7.365	57.226	0.404	33.006	
17/11/2025 06:00:00	11.699	7.873	7.082	6.866	54.262	0.412	33.006	
17/11/2025 06:05:00	11.764	7.875	7.094	7.173	56.104	0.408	33.006	
17/11/2025 06:10:00	11.738	7.881	7.152	7.109	55.780	0.430	33.006	
17/11/2025 06:15:00	11.758	7.882	7.203	7.172	56.212	0.413	33.006	
17/11/2025 06:20:00	11.748	7.890	7.146	7.222	56.398	0.429	33.006	
17/11/2025 06:25:00	11.764	7.889	7.206	7.151	55.990	0.424	33.004	
17/11/2025 06:30:00	11.847	7.892	7.091	6.637	52.996	0.408	32.989	
17/11/2025 06:35:00	11.827	7.897	6.998	6.979	55.042	0.409	32.982	
17/11/2025 06:40:00	11.774	7.900	7.022	6.965	54.916	0.406	32.964	
17/11/2025 06:45:00	11.751	7.902	7.073	7.021	55.264	0.409	32.959	
17/11/2025 06:50:00	11.778	7.903	7.048	7.108	55.762	0.407	32.956	
17/11/2025 06:55:00	11.735	7.910	7.082	7.043	55.354	0.411	32.956	
17/11/2025 07:00:00	11.794	7.910	7.081	6.643	52.990	0.438	32.955	
17/11/2025 07:05:00	11.774	7.912	7.220	6.985	55.006	0.389	32.945	
17/11/2025 07:10:00	11.735	7.918	6.985	6.979	55.012	0.420	32.937	
17/11/2025 07:15:00	11.725	7.920	6.890	7.043	55.462	0.422	32.928	
17/11/2025 07:20:00	11.722	7.924	7.007	7.015	55.252	0.426	32.915	
17/11/2025 07:25:00	11.771	7.926	6.941	7.101	55.738	0.411	32.912	
17/11/2025 07:30:00	11.758	7.928	7.316	10.147	74.090	0.411	32.907	
17/11/2025 07:35:00	11.751	7.928	7.016	6.906	54.562	0.409	32.906	
17/11/2025 07:40:00	11.742	7.931	6.961	7.077	55.534	0.414	32.906	
17/11/2025 07:45:00	11.725	7.935	6.833	7.193	56.308	0.415	32.906	
17/11/2025 07:50:00	11.778	8.019	223.050	10.507	76.094	0.432	32.906	
17/11/2025 07:55:00	11.719	8.245	188.602	10.321	74.882	0.429	32.906	
17/11/2025 08:00:00	11.732	8.018	156.647	23.188	152.171	0.413	33.006	
17/11/2025 08:05:00	11.738	7.903	64.958	12.281	86.788	0.406	33.106	
17/11/2025 08:10:00	11.725	7.830	13.212	14.648	100.981	0.411	33.126	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
17/11/2025 08:15:00	11.715	7.783	9.879	14.640	100.873	0.409	33.152	
17/11/2025 08:20:00	121.632	7.754	8.967	16.478	112.005	0.412	33.155	
17/11/2025 08:25:00	216.234	7.735	8.264	23.284	152.663	0.412	33.156	
17/11/2025 08:30:00	204.318	7.722	7.908	24.323	158.964	0.408	33.156	
17/11/2025 08:35:00	142.150	7.710	7.568	27.727	179.308	0.409	33.156	
17/11/2025 08:40:00	121.560	7.703	7.560	15.545	106.328	0.411	33.156	
17/11/2025 08:45:00	139.841	7.695	7.346	13.333	92.993	0.408	33.156	
17/11/2025 08:50:00	143.210	7.691	7.154	14.287	98.718	0.403	33.156	
17/11/2025 08:55:00	198.967	7.687	7.229	12.439	87.586	0.407	33.156	
17/11/2025 09:00:00	186.471	7.686	7.145	13.029	91.121	0.409	33.157	
17/11/2025 09:05:00	128.456	7.683	6.974	12.680	89.050	0.405	33.156	
17/11/2025 09:10:00	94.172	7.679	6.985	13.190	92.141	0.411	33.156	
17/11/2025 09:15:00	82.784	7.668	6.937	13.917	96.522	0.410	33.157	
17/11/2025 09:20:00	11.564	7.667	6.788	14.544	100.279	0.412	33.160	
17/11/2025 09:25:00	11.587	7.658	6.751	15.197	104.179	0.408	33.164	
17/11/2025 09:30:00	11.604	7.650	6.625	15.711	107.270	0.411	33.178	
17/11/2025 09:35:00	11.581	7.643	6.569	15.457	105.614	0.409	33.202	
17/11/2025 09:40:00	11.555	7.636	6.529	14.747	101.413	0.419	33.201	
17/11/2025 09:45:00	11.532	7.636	6.551	15.163	103.855	0.409	33.202	
17/11/2025 09:50:00	11.522	7.628	6.365	9.134	67.722	0.413	33.206	
17/11/2025 09:55:00	11.479	7.634	6.370	9.454	69.643	0.410	33.206	
17/11/2025 10:00:00	11.489	7.632	6.395	8.360	62.963	0.411	33.206	
17/11/2025 10:05:00	11.479	7.626	6.547	9.013	66.894	0.408	33.206	
17/11/2025 10:10:00	11.469	7.622	6.271	9.254	68.365	0.414	33.207	
17/11/2025 10:15:00	11.469	7.617	6.115	9.458	69.619	0.418	33.211	
17/11/2025 10:20:00	11.410	7.624	6.176	5.036	43.052	0.414	33.228	
17/11/2025 10:25:00	11.420	7.617	6.080	5.083	43.346	0.417	33.238	
17/11/2025 10:30:00	11.443	7.615	6.061	5.060	43.118	0.416	33.250	
17/11/2025 10:35:00	11.381	7.612	6.007	5.180	43.820	0.409	33.269	
17/11/2025 10:40:00	11.433	7.611	6.061	4.108	37.441	0.413	33.294	
17/11/2025 10:45:00	11.394	7.608	6.004	4.059	37.183	0.411	33.307	
17/11/2025 10:50:00	11.371	7.608	5.983	4.060	37.056	0.413	33.307	
17/11/2025 10:55:00	11.397	7.609	5.930	2.737	29.165	0.392	33.307	
17/11/2025 11:00:00	11.400	7.613	5.879	2.762	29.381	0.395	33.307	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
17/11/2025 11:05:00	11.308	7.615	5.786	2.548	28.073	0.416	33.307	
17/11/2025 11:10:00	11.338	7.613	5.891	2.361	26.885	0.414	33.307	
17/11/2025 11:15:00	11.292	7.620	5.909	2.370	26.855	0.419	33.307	
17/11/2025 11:20:00	11.361	7.617	6.002	2.382	26.951	0.411	33.307	
17/11/2025 11:25:00	11.312	7.618	5.902	2.416	27.149	0.416	33.307	
17/11/2025 11:30:00	11.325	7.620	5.852	2.444	27.383	0.406	33.307	
17/11/2025 11:35:00	11.331	7.619	5.803	2.465	27.455	0.386	33.307	
17/11/2025 11:40:00	11.266	7.618	5.701	2.477	27.539	0.413	33.307	
17/11/2025 11:45:00	11.335	7.619	5.683	2.505	27.653	0.411	33.307	
17/11/2025 11:50:00	11.338	7.618	256.218	3.624	42.163	0.233	33.307	
17/11/2025 11:55:00	11.325	7.595	219.673	4.836	41.605	0.403	33.307	
17/11/2025 12:00:00	11.246	7.569	173.771	5.401	44.990	0.406	33.307	
17/11/2025 12:05:00	11.272	7.554	45.108	7.385	56.914	0.406	33.338	
17/11/2025 12:10:00	11.325	7.550	10.793	5.235	44.042	0.409	33.367	
17/11/2025 12:15:00	11.272	7.548	8.432	7.007	54.694	0.404	33.363	
17/11/2025 12:20:00	82.020	7.549	7.560	7.036	54.904	0.405	33.394	
17/11/2025 12:25:00	83.706	7.552	6.968	6.836	53.590	0.406	33.405	
17/11/2025 12:30:00	74.769	7.553	6.836	4.232	38.047	0.401	33.407	
17/11/2025 12:35:00	76.167	7.558	6.680	4.572	40.093	0.408	33.407	
17/11/2025 12:40:00	94.739	7.554	6.604	5.183	43.670	0.405	33.407	
17/11/2025 12:45:00	87.446	7.557	6.400	2.387	26.951	0.402	33.407	
17/11/2025 12:50:00	97.256	7.562	6.286	2.549	27.899	0.414	33.407	
17/11/2025 12:55:00	81.406	7.563	6.164	2.607	28.307	0.409	33.407	
17/11/2025 13:00:00	80.212	7.564	6.248	2.826	29.645	0.414	33.407	
17/11/2025 13:05:00	79.008	7.568	6.140	3.058	30.995	0.410	33.407	
17/11/2025 13:10:00	60.317	7.570	6.121	3.298	32.412	0.399	33.407	
17/11/2025 13:15:00	58.047	7.571	6.160	3.616	34.338	0.403	33.407	
17/11/2025 13:20:00	11.292	7.571	6.205	3.806	35.496	0.402	33.407	
17/11/2025 13:25:00	11.289	7.572	6.290	4.184	37.759	0.403	33.407	
17/11/2025 13:30:00	11.289	7.573	6.172	4.616	40.315	0.401	33.407	
17/11/2025 13:35:00	11.308	7.573	6.247	5.022	42.812	0.410	33.407	
17/11/2025 13:40:00	11.322	7.580	6.217	5.201	43.856	0.400	33.407	
17/11/2025 13:45:00	11.358	7.580	6.031	5.589	46.190	0.405	33.407	
17/11/2025 13:50:00	11.322	7.583	6.046	5.009	42.776	0.402	33.407	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
17/11/2025 13:55:00	11.302	7.583	6.079	3.154	31.619	0.405	33.407	
17/11/2025 14:00:00	11.341	7.589	6.071	3.233	32.046	0.408	33.407	
17/11/2025 14:05:00	11.308	7.591	5.992	2.644	28.517	0.403	33.406	
17/11/2025 14:10:00	11.312	7.596	6.040	2.686	28.745	0.399	33.404	
17/11/2025 14:15:00	11.328	7.597	5.972	2.199	25.876	0.403	33.400	
17/11/2025 14:20:00	11.292	7.600	6.181	2.190	25.900	0.400	33.391	
17/11/2025 14:25:00	11.318	7.600	6.239	2.183	25.786	0.397	33.385	
17/11/2025 14:30:00	11.377	7.606	6.146	2.184	25.810	0.405	33.376	
17/11/2025 14:35:00	11.308	7.608	6.112	2.184	25.852	0.410	33.361	
17/11/2025 14:40:00	11.351	7.611	6.247	2.180	25.816	0.403	33.359	
17/11/2025 14:45:00	11.335	7.610	6.154	2.173	25.750	0.403	33.359	
17/11/2025 14:50:00	11.325	7.611	6.175	2.168	25.756	0.411	33.338	
17/11/2025 14:55:00	11.335	7.614	6.286	2.162	25.762	0.402	33.319	
17/11/2025 15:00:00	11.446	7.620	6.403	2.163	25.714	0.401	33.314	
17/11/2025 15:05:00	11.420	7.618	6.293	2.151	25.624	0.395	33.309	
17/11/2025 15:10:00	11.423	7.622	6.295	2.157	25.720	0.411	33.307	
17/11/2025 15:15:00	11.420	7.627	6.512	2.159	25.768	0.411	33.307	
17/11/2025 15:20:00	11.417	7.631	6.437	2.152	25.726	0.414	33.307	
17/11/2025 15:25:00	11.413	7.637	6.344	2.151	25.732	0.400	33.307	
17/11/2025 15:30:00	11.413	7.636	6.341	2.139	25.726	0.388	33.307	
17/11/2025 15:35:00	11.423	7.641	6.275	2.141	25.624	0.392	33.307	
17/11/2025 15:40:00	11.456	7.648	6.362	2.145	25.642	0.408	33.307	
17/11/2025 15:45:00	11.407	7.650	6.302	2.138	25.672	0.406	33.307	
17/11/2025 15:50:00	11.476	7.650	260.694	4.634	40.561	0.395	33.307	
17/11/2025 15:55:00	11.495	7.636	166.591	5.473	45.602	0.399	33.307	
17/11/2025 16:00:00	24.770	7.623	131.878	5.225	44.132	0.403	33.363	
17/11/2025 16:05:00	11.499	7.606	83.210	5.618	46.514	0.397	33.407	
17/11/2025 16:10:00	11.495	7.587	13.424	3.704	35.142	0.429	33.410	
17/11/2025 16:15:00	11.535	7.578	9.567	4.380	39.199	0.414	33.417	
17/11/2025 16:20:00	11.502	7.569	8.682	4.630	40.705	0.409	33.409	
17/11/2025 16:25:00	11.509	7.561	8.081	4.873	42.097	0.413	33.408	
17/11/2025 16:30:00	11.528	7.559	7.800	5.522	46.046	0.417	33.407	
17/11/2025 16:35:00	11.535	7.560	7.661	5.673	46.928	0.412	33.407	
17/11/2025 16:40:00	11.495	7.560	7.430	6.129	49.713	0.410	33.407	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
17/11/2025 16:45:00	11.515	7.560	7.440	5.540	46.094	0.414	33.407	
17/11/2025 16:50:00	11.548	7.560	7.275	3.454	33.618	0.422	33.407	
17/11/2025 16:55:00	11.535	7.561	7.205	3.711	35.148	0.423	33.407	
17/11/2025 17:00:00	11.545	7.563	7.226	3.866	36.060	0.416	33.407	
17/11/2025 17:05:00	11.499	7.561	7.298	3.584	34.386	0.443	33.407	
17/11/2025 17:10:00	11.587	7.563	7.146	3.184	32.046	0.396	33.407	
17/11/2025 17:15:00	11.551	7.568	7.117	2.800	29.711	0.425	33.407	
17/11/2025 17:20:00	11.522	7.570	7.004	2.622	28.637	0.438	33.407	
17/11/2025 17:25:00	11.594	7.570	7.188	2.637	28.757	0.425	33.404	
17/11/2025 17:30:00	11.548	7.573	7.042	2.599	28.523	0.432	33.387	
17/11/2025 17:35:00	11.607	7.576	6.958	2.599	28.529	0.409	33.369	
17/11/2025 17:40:00	11.584	7.579	6.940	2.493	27.887	0.433	33.360	
17/11/2025 17:45:00	11.564	7.581	6.832	2.501	27.989	0.438	33.356	
17/11/2025 17:50:00	128.788	7.583	7.248	2.519	28.001	0.429	33.349	
17/11/2025 17:55:00	87.023	7.584	6.947	2.517	28.013	0.433	33.320	
17/11/2025 18:00:00	80.855	7.586	6.970	2.510	28.037	0.425	33.308	
17/11/2025 18:05:00	86.692	7.593	6.916	2.503	27.959	0.403	33.307	
17/11/2025 18:10:00	89.461	7.597	6.886	2.505	27.953	0.422	33.307	
17/11/2025 18:15:00	123.496	7.597	6.892	2.498	27.947	0.440	33.307	
17/11/2025 18:20:00	76.636	7.601	6.877	2.491	27.947	0.430	33.307	
17/11/2025 18:25:00	11.643	7.602	6.856	2.483	27.863	0.430	33.307	
17/11/2025 18:30:00	11.610	7.606	6.784	2.477	27.857	0.428	33.307	
17/11/2025 18:35:00	11.692	7.608	6.764	2.465	27.923	0.432	33.307	
17/11/2025 18:40:00	11.627	7.611	6.802	2.463	27.785	0.418	33.307	
17/11/2025 18:45:00	44.615	7.614	6.751	2.449	27.635	0.428	33.307	
17/11/2025 18:50:00	62.414	7.620	6.809	2.442	27.665	0.434	33.307	
17/11/2025 18:55:00	51.410	7.623	6.731	2.435	27.545	0.435	33.307	
17/11/2025 19:00:00	49.779	7.626	6.808	2.425	27.575	0.437	33.307	
17/11/2025 19:05:00	55.432	7.630	6.757	2.406	27.443	0.422	33.307	
17/11/2025 19:10:00	210.975	7.635	6.913	2.394	27.347	0.446	33.307	
17/11/2025 19:15:00	57.729	7.636	6.883	2.382	27.257	0.422	33.307	
17/11/2025 19:20:00	11.640	7.640	6.868	2.372	27.257	0.435	33.307	
17/11/2025 19:25:00	11.650	7.644	6.695	2.365	27.137	0.431	33.307	
17/11/2025 19:30:00	11.689	7.650	6.871	2.352	27.161	0.429	33.307	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
17/11/2025 19:35:00	11.610	7.657	6.884	2.336	27.035	0.421	33.307	
17/11/2025 19:40:00	11.637	7.656	6.857	2.323	26.927	0.426	33.306	
17/11/2025 19:45:00	11.633	7.661	6.793	2.308	26.831	0.422	33.298	
17/11/2025 19:50:00	11.656	7.664	6.806	2.301	26.831	0.425	33.274	
17/11/2025 19:55:00	11.610	7.672	6.703	2.301	26.831	0.453	33.225	
17/11/2025 20:00:00	11.646	7.680	6.818	2.287	26.729	0.416	33.207	
17/11/2025 20:05:00	11.646	7.685	6.713	2.275	26.632	0.424	33.206	
17/11/2025 20:10:00	11.610	7.691	6.707	2.266	26.620	0.419	33.206	
17/11/2025 20:15:00	11.666	7.698	6.808	2.259	26.554	0.410	33.206	
17/11/2025 20:20:00	11.623	7.705	6.716	2.255	26.536	0.417	33.204	
17/11/2025 20:25:00	11.679	7.709	7.045	2.259	26.644	0.408	33.192	
17/11/2025 20:30:00	11.627	7.714	6.806	2.246	26.524	0.419	33.162	
17/11/2025 20:35:00	11.692	7.719	6.704	2.246	26.536	0.415	33.157	
17/11/2025 20:40:00	11.650	7.723	6.701	2.244	26.530	0.411	33.156	
17/11/2025 20:45:00	11.673	7.723	6.730	2.253	26.536	0.411	33.156	
17/11/2025 20:50:00	11.607	7.729	6.700	2.217	26.290	0.414	33.155	
17/11/2025 20:55:00	11.656	7.733	6.616	2.208	26.290	0.409	33.150	
17/11/2025 21:00:00	11.653	7.736	6.607	2.210	26.308	0.415	33.136	
17/11/2025 21:05:00	11.653	7.739	6.614	2.210	26.320	0.397	33.124	
17/11/2025 21:10:00	11.656	7.743	6.727	2.217	26.314	0.414	33.119	
17/11/2025 21:15:00	11.673	7.748	6.605	2.210	26.326	0.415	33.109	
17/11/2025 21:20:00	11.610	7.749	6.698	2.218	26.332	0.416	33.107	
17/11/2025 21:25:00	23.733	7.755	6.743	2.217	26.350	0.407	33.106	
17/11/2025 21:30:00	11.696	7.760	6.688	2.218	26.338	0.419	33.106	
17/11/2025 21:35:00	11.686	7.762	6.658	2.213	26.338	0.406	33.106	
17/11/2025 21:40:00	11.682	7.783	139.314	3.446	33.678	0.413	33.146	
17/11/2025 21:45:00	52.574	7.823	206.380	3.982	36.882	0.422	33.038	
17/11/2025 21:50:00	61.564	7.787	177.396	4.389	39.301	0.410	33.106	
17/11/2025 21:55:00	11.686	7.760	153.544	4.294	38.707	0.418	33.157	
17/11/2025 22:00:00	11.679	7.749	20.918	3.381	33.384	0.416	33.208	
17/11/2025 22:05:00	11.676	7.738	10.953	4.259	38.623	0.415	33.272	
17/11/2025 22:10:00	11.646	7.742	9.500	4.864	42.283	0.415	33.282	
17/11/2025 22:15:00	11.745	7.749	8.834	4.865	42.289	0.412	33.269	
17/11/2025 22:20:00	11.689	7.751	8.276	3.789	35.766	0.407	33.283	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
17/11/2025 22:25:00	11.692	7.757	7.850	3.159	32.052	0.408	33.273	
17/11/2025 22:30:00	79.192	7.757	7.569	2.776	29.651	0.414	33.261	
17/11/2025 22:35:00	91.636	7.754	7.319	2.892	30.395	0.415	33.219	
17/11/2025 22:40:00	78.411	7.755	7.380	2.726	29.441	0.401	33.211	
17/11/2025 22:45:00	90.058	7.757	7.151	2.828	29.987	0.404	33.208	
17/11/2025 22:50:00	79.188	7.757	7.073	2.798	29.807	0.408	33.207	
17/11/2025 22:55:00	89.825	7.762	7.187	2.856	30.227	0.396	33.206	
17/11/2025 23:00:00	79.930	7.759	7.278	2.763	29.675	0.401	33.206	
17/11/2025 23:05:00	11.630	7.761	7.174	2.708	29.267	0.405	33.206	
17/11/2025 23:10:00	11.650	7.765	6.979	2.728	29.483	0.397	33.205	
17/11/2025 23:15:00	11.784	7.773	6.941	2.580	28.529	0.414	33.198	
17/11/2025 23:20:00	11.686	7.778	6.943	2.580	28.565	0.405	33.180	
17/11/2025 23:25:00	11.709	7.781	7.072	2.453	27.851	0.386	33.164	
17/11/2025 23:30:00	11.719	7.782	6.847	2.345	27.173	0.409	33.159	
17/11/2025 23:35:00	11.699	7.784	6.974	2.323	27.065	0.408	33.156	
17/11/2025 23:40:00	11.660	7.787	6.878	2.319	26.951	0.390	33.156	
17/11/2025 23:45:00	11.650	7.791	6.841	2.323	27.047	0.410	33.156	
17/11/2025 23:50:00	11.705	7.795	7.230	2.317	26.969	0.218	33.152	
17/11/2025 23:55:00	11.732	7.798	14.331	2.309	26.951	0.387	33.139	
18/11/2025 00:00:00	11.719	7.801	21.674	2.305	26.849	0.390	33.117	
18/11/2025 00:05:00	11.722	7.800	29.238	2.303	26.855	0.389	33.107	
18/11/2025 00:10:00	11.768	7.803	35.583	2.299	26.885	0.394	33.106	
18/11/2025 00:15:00	11.696	7.811	40.735	2.299	26.843	0.398	33.106	
18/11/2025 00:20:00	11.732	7.812	43.622	2.289	26.855	0.389	33.106	
18/11/2025 00:25:00	11.738	7.815	49.314	2.289	26.933	0.400	33.106	
18/11/2025 00:30:00	11.722	7.820	56.907	2.283	26.753	0.392	33.106	
18/11/2025 00:35:00	11.709	7.823	65.574	2.283	26.759	0.399	33.105	
18/11/2025 00:40:00	11.705	7.822	74.389	2.283	26.735	0.397	33.083	
18/11/2025 00:45:00	11.673	7.828	83.583	2.277	26.777	0.395	33.055	
18/11/2025 00:50:00	11.735	7.830	92.497	2.275	26.729	0.408	33.037	
18/11/2025 00:55:00	11.742	7.832	99.037	2.271	26.729	0.406	33.008	
18/11/2025 01:00:00	11.748	7.834	106.632	2.269	26.626	0.403	33.006	
18/11/2025 01:05:00	11.728	7.834	114.262	2.255	26.656	0.398	33.006	
18/11/2025 01:10:00	11.758	7.839	120.071	2.262	26.638	0.387	33.006	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
18/11/2025 01:15:00	11.745	7.842	124.773	2.263	26.638	0.392	33.006	
18/11/2025 01:20:00	11.768	7.843	127.990	2.255	26.656	0.394	33.003	
18/11/2025 01:25:00	11.771	7.846	131.545	2.256	26.638	0.393	32.987	
18/11/2025 01:30:00	11.742	7.850	133.216	2.234	26.434	0.389	32.970	
18/11/2025 01:35:00	11.751	7.851	131.491	2.227	26.416	0.392	32.959	
18/11/2025 01:40:00	11.751	7.859	88.977	3.618	34.776	0.416	33.006	
18/11/2025 01:45:00	11.696	7.888	88.980	4.273	38.719	0.400	33.006	
18/11/2025 01:50:00	11.722	7.881	88.975	4.251	38.629	0.396	33.042	
18/11/2025 01:55:00	11.686	7.850	5.594	4.506	40.153	0.410	33.106	
18/11/2025 02:00:00	11.728	7.796	80.849	4.252	38.635	0.406	33.113	
18/11/2025 02:05:00	11.751	7.757	90.597	3.917	36.582	0.400	33.134	
18/11/2025 02:10:00	82.925	7.733	82.320	3.746	35.496	0.403	33.120	
18/11/2025 02:15:00	72.646	7.720	67.817	3.582	34.572	0.406	33.128	
18/11/2025 02:20:00	99.854	7.715	55.789	3.618	34.770	0.406	33.123	
18/11/2025 02:25:00	111.344	7.710	44.468	3.814	35.988	0.398	33.121	
18/11/2025 02:30:00	148.869	7.704	35.032	3.705	35.292	0.404	33.113	
18/11/2025 02:35:00	84.201	7.704	25.051	3.297	32.856	0.406	33.110	
18/11/2025 02:40:00	87.236	7.702	15.441	2.875	30.377	0.399	33.107	
18/11/2025 02:45:00	102.748	7.701	8.633	2.881	30.371	0.398	33.107	
18/11/2025 02:50:00	85.891	7.704	8.208	2.809	29.981	0.392	33.106	
18/11/2025 02:55:00	100.268	7.708	8.150	2.825	30.119	0.402	33.106	
18/11/2025 03:00:00	154.460	7.708	8.034	2.832	30.047	0.409	33.106	
18/11/2025 03:05:00	103.027	7.707	7.902	2.839	30.089	0.385	33.106	
18/11/2025 03:10:00	86.131	7.708	7.713	2.805	29.819	0.401	33.106	
18/11/2025 03:15:00	11.728	7.708	7.760	2.795	29.855	0.402	33.106	
18/11/2025 03:20:00	11.712	7.709	7.769	2.803	29.969	0.396	33.106	
18/11/2025 03:25:00	11.755	7.710	7.751	2.808	29.975	0.393	33.106	
18/11/2025 03:30:00	11.735	7.710	7.673	2.823	30.071	0.398	33.106	
18/11/2025 03:35:00	11.742	7.715	7.541	2.818	29.963	0.394	33.106	
18/11/2025 03:40:00	11.709	7.712	7.488	2.865	30.311	0.403	33.106	
18/11/2025 03:45:00	11.725	7.712	7.487	2.824	30.065	0.375	33.104	
18/11/2025 03:50:00	11.728	7.714	7.361	2.830	30.089	0.404	33.091	
18/11/2025 03:55:00	11.764	7.718	7.314	2.838	30.143	0.416	33.076	
18/11/2025 04:00:00	11.702	7.721	7.296	2.839	30.065	0.392	33.059	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
18/11/2025 04:05:00	11.702	7.724	7.338	2.831	30.047	0.400	33.055	
18/11/2025 04:10:00	11.781	7.725	7.457	2.897	30.485	0.393	33.043	
18/11/2025 04:15:00	11.748	7.726	7.176	2.810	29.957	0.400	33.022	
18/11/2025 04:20:00	11.771	7.732	7.140	2.812	30.029	0.384	33.013	
18/11/2025 04:25:00	11.738	7.732	7.196	2.818	29.993	0.414	33.009	
18/11/2025 04:30:00	11.755	7.728	7.144	2.826	30.089	0.385	33.006	
18/11/2025 04:35:00	11.778	7.732	7.125	2.819	29.981	0.396	33.006	
18/11/2025 04:40:00	11.758	7.734	7.179	2.814	30.017	0.396	33.006	
18/11/2025 04:45:00	11.755	7.739	7.191	2.697	29.273	0.397	33.006	
18/11/2025 04:50:00	11.705	7.740	7.094	2.701	29.261	0.397	33.006	
18/11/2025 04:55:00	11.732	7.742	7.117	2.689	29.261	0.401	33.006	
18/11/2025 05:00:00	11.722	7.745	7.178	2.695	29.429	0.387	33.006	
18/11/2025 05:05:00	11.774	7.747	7.272	2.665	29.081	0.395	33.005	
18/11/2025 05:10:00	11.797	7.750	7.232	2.657	29.045	0.400	32.999	
18/11/2025 05:15:00	11.682	7.753	7.118	2.643	28.955	0.394	32.979	
18/11/2025 05:20:00	11.791	7.752	6.968	2.643	28.967	0.378	32.967	
18/11/2025 05:25:00	11.774	7.754	7.182	2.650	29.081	0.394	32.961	
18/11/2025 05:30:00	11.768	7.758	7.244	2.644	28.997	0.389	32.956	
18/11/2025 05:35:00	11.781	7.759	7.138	2.645	28.979	0.425	32.956	
18/11/2025 05:40:00	11.827	7.772	126.085	4.629	40.921	0.393	32.955	
18/11/2025 05:45:00	11.761	7.804	189.575	4.248	38.569	0.403	32.906	
18/11/2025 05:50:00	11.801	7.763	171.094	4.971	42.926	0.403	32.906	
18/11/2025 05:55:00	11.833	7.718	68.060	4.086	37.603	0.395	32.964	
18/11/2025 06:00:00	11.738	7.694	13.723	3.784	35.814	0.395	33.004	
18/11/2025 06:05:00	11.742	7.690	10.091	3.854	36.258	0.396	33.005	
18/11/2025 06:10:00	77.952	7.688	8.985	4.034	37.291	0.414	33.005	
18/11/2025 06:15:00	91.081	7.691	8.427	4.390	39.535	0.391	33.005	
18/11/2025 06:20:00	152.856	7.694	8.310	4.198	38.371	0.380	33.002	
18/11/2025 06:25:00	107.151	7.695	8.154	4.085	37.615	0.391	33.001	
18/11/2025 06:30:00	105.208	7.696	7.943	2.571	28.529	0.399	32.993	
18/11/2025 06:35:00	103.315	7.700	7.655	2.536	28.313	0.389	32.987	
18/11/2025 06:40:00	93.476	7.705	7.628	2.514	28.187	0.390	32.981	
18/11/2025 06:45:00	95.008	7.706	7.796	2.471	27.977	0.386	32.966	
18/11/2025 06:50:00	131.038	7.710	7.607	2.486	27.971	0.391	32.958	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
18/11/2025 06:55:00	11.758	7.712	7.359	2.471	27.965	0.397	32.958	
18/11/2025 07:00:00	11.699	7.714	7.451	2.460	27.839	0.393	32.957	
18/11/2025 07:05:00	11.781	7.715	7.515	2.447	27.857	0.392	32.957	
18/11/2025 07:10:00	11.722	7.716	7.304	2.440	27.731	0.392	32.956	
18/11/2025 07:15:00	11.738	7.723	7.263	2.425	27.617	0.366	32.956	
18/11/2025 07:20:00	11.709	7.723	7.373	2.417	27.581	0.395	32.956	
18/11/2025 07:25:00	11.696	7.726	7.319	2.408	27.479	0.397	32.956	
18/11/2025 07:30:00	11.682	7.732	7.389	2.400	27.437	0.389	32.955	
18/11/2025 07:35:00	11.627	7.734	7.278	2.392	27.437	0.393	32.956	
18/11/2025 07:40:00	11.630	7.737	7.106	2.382	27.287	0.395	32.955	
18/11/2025 07:45:00	93.404	7.736	7.076	2.372	27.269	0.398	32.955	
18/11/2025 07:50:00	103.601	7.739	6.880	2.343	27.035	0.397	32.949	
18/11/2025 07:55:00	115.737	7.738	6.877	2.327	26.903	0.399	32.951	
18/11/2025 08:00:00	11.574	7.742	6.656	2.318	26.873	0.393	32.950	
18/11/2025 08:05:00	11.581	7.742	6.778	2.310	26.855	0.393	32.951	
18/11/2025 08:10:00	11.548	7.743	6.823	2.302	26.729	0.396	32.952	
18/11/2025 08:15:00	11.525	7.743	6.872	2.294	26.729	0.374	32.950	
18/11/2025 08:20:00	11.528	7.748	6.542	2.285	26.716	0.392	32.949	
18/11/2025 08:25:00	11.476	7.748	6.751	2.283	26.512	0.418	32.953	
18/11/2025 08:30:00	11.502	7.749	6.553	2.274	26.518	0.396	32.955	
18/11/2025 08:35:00	11.466	7.754	6.548	2.265	26.500	0.402	32.956	
18/11/2025 08:40:00	11.499	7.754	6.475	2.256	26.350	0.404	32.956	
18/11/2025 08:45:00	11.459	7.757	6.287	2.254	26.344	0.387	32.959	
18/11/2025 08:50:00	11.459	7.757	6.281	2.239	26.218	0.395	32.985	
18/11/2025 08:55:00	11.400	7.755	6.256	2.236	26.296	0.390	32.989	
18/11/2025 09:00:00	11.387	7.756	6.286	2.236	26.158	0.379	33.002	
18/11/2025 09:05:00	11.397	7.760	6.305	2.227	26.152	0.397	33.004	
18/11/2025 09:10:00	11.413	7.760	6.361	2.228	26.158	0.391	33.006	
18/11/2025 09:15:00	11.397	7.760	6.578	2.221	26.146	0.382	33.006	
18/11/2025 09:20:00	11.387	7.760	6.485	2.228	26.128	0.367	33.006	
18/11/2025 09:25:00	11.368	7.759	6.304	2.217	26.098	0.380	33.008	
18/11/2025 09:30:00	11.384	7.758	6.113	2.217	26.086	0.386	33.036	
18/11/2025 09:35:00	11.328	7.758	6.301	2.210	25.936	0.393	33.087	
18/11/2025 09:40:00	11.305	7.756	145.326	3.256	32.136	0.390	33.006	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
18/11/2025 09:45:00	11.325	7.815	166.135	3.677	34.698	0.394	33.106	
18/11/2025 09:50:00	11.322	7.793	135.649	3.569	34.056	0.393	33.106	
18/11/2025 09:55:00	11.315	7.756	25.190	3.573	34.062	0.395	33.188	
18/11/2025 10:00:00	11.295	7.729	10.008	3.538	33.960	0.394	33.206	
18/11/2025 10:05:00	11.259	7.716	8.324	3.476	33.492	0.399	33.224	
18/11/2025 10:10:00	11.259	7.705	7.430	3.566	34.032	0.397	33.297	
18/11/2025 10:15:00	11.282	7.700	6.968	3.566	34.068	0.399	33.307	
18/11/2025 10:20:00	11.236	7.697	6.775	3.571	34.128	0.398	33.307	
18/11/2025 10:25:00	11.259	7.695	6.727	3.634	34.404	0.407	33.307	
18/11/2025 10:30:00	11.240	7.695	6.478	3.654	34.626	0.416	33.307	
18/11/2025 10:35:00	11.246	7.692	6.337	3.719	34.914	0.393	33.307	
18/11/2025 10:40:00	11.226	7.692	6.428	3.750	35.106	0.428	33.307	
18/11/2025 10:45:00	11.174	7.690	6.148	3.840	35.604	0.399	33.308	
18/11/2025 10:50:00	11.167	7.691	6.106	3.853	35.670	0.399	33.358	
18/11/2025 10:55:00	11.197	7.689	5.606	2.653	28.451	0.403	33.407	
18/11/2025 11:00:00	11.135	7.687	5.912	2.614	28.181	0.400	33.407	
18/11/2025 11:05:00	11.148	7.690	5.818	2.591	28.043	0.395	33.496	
18/11/2025 11:10:00	11.118	7.691	5.837	2.584	28.031	0.401	33.506	
18/11/2025 11:15:00	11.112	7.688	5.698	2.576	27.911	0.406	33.508	
18/11/2025 11:20:00	11.056	7.689	5.527	2.572	27.899	0.389	33.508	
18/11/2025 11:25:00	11.092	7.690	5.605	2.543	27.761	0.401	33.548	
18/11/2025 11:30:00	11.079	7.687	5.600	2.499	27.443	0.406	33.552	
18/11/2025 11:35:00	11.062	7.691	5.506	2.483	27.413	0.405	33.557	
18/11/2025 11:40:00	11.033	7.689	5.440	2.477	27.293	0.401	33.595	
18/11/2025 11:45:00	11.076	7.691	5.561	2.459	27.155	0.392	33.608	
18/11/2025 11:50:00	11.072	7.689	5.374	2.453	27.173	0.231	33.608	
18/11/2025 11:55:00	11.036	7.691	5.545	2.440	27.077	0.388	33.608	
18/11/2025 12:00:00	11.082	7.691	5.456	2.433	27.077	0.383	33.608	
18/11/2025 12:05:00	11.066	7.691	5.509	2.411	26.963	0.421	33.620	
18/11/2025 12:10:00	11.076	7.692	5.465	2.404	26.849	0.400	33.709	
18/11/2025 12:15:00	11.066	7.698	5.482	2.390	26.753	0.417	33.709	
18/11/2025 12:20:00	11.066	7.696	5.372	2.382	26.746	0.402	33.709	
18/11/2025 12:25:00	11.023	7.699	5.620	2.381	26.735	0.414	33.709	
18/11/2025 12:30:00	11.026	7.694	5.459	2.375	26.620	0.381	33.709	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
18/11/2025 12:35:00	178.154	7.695	5.417	2.365	26.602	0.406	33.716	
18/11/2025 12:40:00	153.157	7.695	5.372	2.359	26.560	0.397	33.760	
18/11/2025 12:45:00	157.862	7.691	5.405	2.348	26.446	0.408	33.805	
18/11/2025 12:50:00	128.916	7.698	5.347	2.347	26.386	0.413	33.810	
18/11/2025 12:55:00	132.872	7.697	5.344	2.339	26.404	0.412	33.810	
18/11/2025 13:00:00	242.943	7.695	5.300	2.283	26.044	0.400	33.815	
18/11/2025 13:05:00	228.360	7.693	5.305	2.273	25.930	0.409	33.841	
18/11/2025 13:10:00	185.552	7.697	5.279	2.273	25.942	0.403	33.899	
18/11/2025 13:15:00	182.799	7.696	5.516	2.265	25.894	0.402	33.910	
18/11/2025 13:20:00	207.324	7.696	10.001	2.256	25.864	0.425	33.911	
18/11/2025 13:25:00	10.905	7.695	16.306	2.262	25.882	0.406	33.911	
18/11/2025 13:30:00	10.905	7.694	24.578	2.255	25.792	0.406	33.911	
18/11/2025 13:35:00	10.892	7.689	32.943	2.358	26.356	0.406	33.884	
18/11/2025 13:40:00	10.908	7.687	42.641	2.422	26.825	0.421	33.810	
18/11/2025 13:45:00	10.938	7.688	54.573	2.629	28.073	0.399	33.760	
18/11/2025 13:50:00	10.921	7.692	67.286	2.689	28.427	0.393	33.709	
18/11/2025 13:55:00	10.908	7.699	78.700	2.785	28.991	0.411	33.709	
18/11/2025 14:00:00	10.990	7.707	87.396	2.870	29.549	0.398	33.709	
18/11/2025 14:05:00	11.010	7.711	94.853	2.914	29.795	0.401	33.709	
18/11/2025 14:10:00	10.987	7.714	103.523	2.899	29.663	0.399	33.709	
18/11/2025 14:15:00	10.964	7.716	109.764	2.893	29.651	0.404	33.709	
18/11/2025 14:20:00	10.980	7.718	118.519	3.004	30.263	0.396	33.610	
18/11/2025 14:25:00	11.007	7.719	124.778	3.017	30.359	0.403	33.609	
18/11/2025 14:30:00	11.003	7.720	128.425	3.022	30.431	0.399	33.609	
18/11/2025 14:35:00	10.948	7.719	133.685	3.091	30.851	0.398	33.607	
18/11/2025 14:40:00	10.908	7.718	137.954	3.111	30.905	0.390	33.587	
18/11/2025 14:45:00	10.948	7.716	139.197	3.145	31.121	0.397	33.556	
18/11/2025 14:50:00	10.911	7.716	140.273	3.165	31.181	0.393	33.508	
18/11/2025 14:55:00	10.869	7.715	140.771	3.187	31.283	0.399	33.508	
18/11/2025 15:00:00	10.882	7.716	140.478	3.207	31.463	0.388	33.508	
18/11/2025 15:05:00	10.928	7.719	140.273	3.256	31.691	0.389	33.508	
18/11/2025 15:10:00	10.928	7.723	135.034	3.258	31.739	0.402	33.432	
18/11/2025 15:15:00	10.944	7.728	132.728	3.269	31.889	0.405	33.407	
18/11/2025 15:20:00	10.980	7.735	128.454	3.279	31.968	0.403	33.407	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
18/11/2025 15:25:00	11.016	7.740	122.504	3.312	32.226	0.394	33.394	
18/11/2025 15:30:00	11.099	7.753	114.940	3.312	32.184	0.410	33.371	
18/11/2025 15:35:00	11.102	7.757	109.540	3.322	32.382	0.394	33.340	
18/11/2025 15:40:00	11.194	7.760	109.204	3.306	32.322	0.362	33.325	
18/11/2025 15:45:00	11.220	7.763	98.584	3.305	32.316	0.393	33.309	
18/11/2025 15:50:00	11.226	7.769	90.393	3.295	32.280	0.401	33.307	
18/11/2025 15:55:00	11.269	7.767	83.775	3.292	32.334	0.391	33.307	
18/11/2025 16:00:00	11.266	7.798	80.825	3.464	33.438	0.388	33.508	
18/11/2025 16:05:00	11.335	7.800	80.849	3.412	33.054	0.401	33.610	
18/11/2025 16:10:00	11.368	7.735	80.867	3.313	32.544	0.396	33.608	
18/11/2025 16:15:00	11.315	7.684	42.353	2.639	28.595	0.408	33.609	
18/11/2025 16:20:00	11.318	7.656	37.291	2.592	28.247	0.431	33.609	
18/11/2025 16:25:00	11.371	7.639	29.747	2.607	28.391	0.399	33.609	
18/11/2025 16:30:00	59.595	7.633	20.974	2.553	28.001	0.407	33.609	
18/11/2025 16:35:00	57.666	7.629	13.404	2.460	27.521	0.422	33.609	
18/11/2025 16:40:00	61.347	7.624	8.486	2.465	27.527	0.423	33.608	
18/11/2025 16:45:00	52.227	7.627	7.805	2.458	27.545	0.401	33.608	
18/11/2025 16:55:00	65.750	7.627	7.542	2.439	27.521	0.404	33.608	
18/11/2025 17:00:00	82.807	7.625	7.608	2.433	27.383	0.420	33.608	
18/11/2025 17:05:00	61.984	7.622	7.665	2.421	27.299	0.417	33.608	
18/11/2025 17:10:00	59.139	7.626	7.470	2.406	27.335	0.403	33.606	
18/11/2025 17:15:00	58.893	7.630	7.581	2.402	27.239	0.418	33.602	
18/11/2025 17:20:00	50.268	7.631	7.539	2.393	27.239	0.404	33.586	
18/11/2025 17:25:00	69.490	7.632	7.563	2.387	27.119	0.410	33.568	
18/11/2025 17:30:00	74.494	7.636	7.236	2.382	27.155	0.413	33.559	
18/11/2025 17:35:00	73.414	7.640	7.340	2.384	27.215	0.410	33.556	
18/11/2025 17:40:00	76.685	7.641	7.260	2.377	27.173	0.406	33.540	
18/11/2025 17:45:00	67.486	7.645	7.253	2.379	27.257	0.427	33.520	
18/11/2025 17:50:00	82.469	7.652	7.114	2.401	27.359	0.424	33.509	
18/11/2025 17:55:00	50.957	7.653	7.332	2.380	27.239	0.409	33.508	
18/11/2025 18:00:00	53.792	7.658	7.075	2.374	27.143	0.423	33.508	
18/11/2025 18:05:00	11.555	7.668	7.075	2.367	27.155	0.413	33.508	
18/11/2025 18:10:00	11.604	7.672	7.112	2.381	27.275	0.416	33.508	
18/11/2025 18:15:00	11.600	7.675	7.049	2.369	27.197	0.408	33.508	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
18/11/2025 18:20:00	11.604	7.678	7.108	2.369	27.209	0.411	33.508	
18/11/2025 18:25:00	11.591	7.684	7.146	2.371	27.215	0.412	33.508	
18/11/2025 18:30:00	11.620	7.688	7.103	2.364	27.119	0.359	33.508	
18/11/2025 18:35:00	11.637	7.692	7.211	2.365	27.149	0.408	33.508	
18/11/2025 18:40:00	11.630	7.695	6.989	2.367	27.251	0.411	33.508	
18/11/2025 18:45:00	11.650	7.696	6.998	2.361	27.143	0.409	33.508	
18/11/2025 18:50:00	11.640	7.702	7.257	2.366	27.173	0.412	33.508	
18/11/2025 18:55:00	11.637	7.705	7.159	2.373	27.275	0.415	33.508	
18/11/2025 19:00:00	11.653	7.709	6.943	2.368	27.287	0.409	33.508	
18/11/2025 19:05:00	11.676	7.709	6.965	2.367	27.185	0.410	33.505	
18/11/2025 19:10:00	11.617	7.714	6.844	2.389	27.395	0.412	33.477	
18/11/2025 19:15:00	11.646	7.716	7.036	2.354	27.197	0.410	33.425	
18/11/2025 19:20:00	11.673	7.719	7.159	2.346	27.071	0.412	33.410	
18/11/2025 19:25:00	11.663	7.720	6.962	2.349	27.083	0.412	33.407	
18/11/2025 19:30:00	11.666	7.726	6.928	2.349	27.095	0.411	33.407	
18/11/2025 19:35:00	11.653	7.726	6.904	2.348	27.119	0.411	33.407	
18/11/2025 19:40:00	11.663	7.730	7.163	2.355	27.251	0.411	33.407	
18/11/2025 19:45:00	11.692	7.734	7.081	2.350	27.113	0.413	33.407	
18/11/2025 19:50:00	11.679	7.740	6.898	2.348	27.119	0.413	33.407	
18/11/2025 19:55:00	27.926	7.747	6.907	2.349	27.125	0.412	33.407	
18/11/2025 20:00:00	11.715	7.823	194.078	3.619	34.662	0.412	33.307	
18/11/2025 20:05:00	11.722	7.818	174.974	4.111	37.657	0.407	33.307	
18/11/2025 20:10:00	11.686	7.759	143.853	4.062	37.363	0.427	33.356	
18/11/2025 20:15:00	11.699	7.723	36.474	3.043	31.283	0.416	33.407	
18/11/2025 20:20:00	11.722	7.706	12.018	2.865	30.245	0.420	33.407	
18/11/2025 20:25:00	11.656	7.698	9.719	2.740	29.525	0.395	33.407	
18/11/2025 20:30:00	65.422	7.694	8.867	2.808	29.927	0.417	33.407	
18/11/2025 20:35:00	67.627	7.694	8.205	2.801	29.951	0.417	33.407	
18/11/2025 20:40:00	62.400	7.693	7.925	2.659	28.979	0.410	33.407	
18/11/2025 20:45:00	62.699	7.699	7.515	2.646	28.985	0.412	33.407	
18/11/2025 20:50:00	75.894	7.699	7.529	2.638	28.895	0.391	33.407	
18/11/2025 20:55:00	83.857	7.703	7.416	2.625	28.787	0.403	33.407	
18/11/2025 21:00:00	93.772	7.708	7.338	2.575	28.595	0.399	33.407	
18/11/2025 21:05:00	149.332	7.714	7.292	2.591	28.595	0.413	33.407	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
18/11/2025 21:10:00	153.899	7.721	7.350	2.591	28.691	0.415	33.407	
18/11/2025 21:20:00	158.699	7.730	7.329	2.585	28.595	0.411	33.405	
18/11/2025 21:25:00	152.564	7.735	7.353	2.572	28.547	0.407	33.395	
18/11/2025 21:30:00	152.052	7.739	7.313	2.571	28.493	0.424	33.383	
18/11/2025 21:35:00	86.997	7.739	7.262	2.562	28.523	0.416	33.366	
18/11/2025 21:40:00	84.162	7.743	7.266	2.558	28.499	0.412	33.358	
18/11/2025 21:45:00	71.328	7.748	7.093	2.561	28.481	0.416	33.350	
18/11/2025 21:50:00	76.163	7.747	7.121	2.550	28.385	0.418	33.329	
18/11/2025 21:55:00	73.211	7.752	7.094	2.535	28.265	0.422	33.317	
18/11/2025 22:00:00	66.551	7.753	7.121	2.537	28.295	0.415	33.309	
18/11/2025 22:05:00	132.754	7.754	7.178	2.535	28.271	0.412	33.307	
18/11/2025 22:10:00	144.440	7.755	7.125	2.515	28.193	0.413	33.307	
18/11/2025 22:15:00	11.774	7.759	7.115	2.473	27.893	0.414	33.307	
18/11/2025 22:20:00	11.751	7.761	7.010	2.485	27.977	0.423	33.307	
18/11/2025 22:25:00	11.751	7.762	7.024	2.478	27.989	0.415	33.307	
18/11/2025 22:30:00	11.794	7.765	6.934	2.485	28.091	0.414	33.307	
18/11/2025 22:35:00	11.728	7.764	6.955	2.478	27.971	0.413	33.307	
18/11/2025 22:40:00	11.761	7.769	7.000	2.471	28.001	0.418	33.307	
18/11/2025 22:45:00	11.732	7.774	6.937	2.464	27.893	0.412	33.307	
18/11/2025 22:50:00	11.771	7.777	7.015	2.463	27.923	0.413	33.307	
18/11/2025 22:55:00	11.778	7.780	6.910	2.464	27.905	0.413	33.307	
18/11/2025 23:00:00	11.774	7.786	7.012	2.442	27.773	0.417	33.307	
18/11/2025 23:05:00	11.774	7.787	6.952	2.436	27.779	0.412	33.307	
18/11/2025 23:10:00	11.784	7.789	6.850	2.438	27.791	0.398	33.307	
18/11/2025 23:15:00	11.781	7.791	6.986	2.430	27.707	0.414	33.307	
18/11/2025 23:20:00	11.791	7.793	6.874	2.422	27.683	0.424	33.307	
18/11/2025 23:25:00	11.768	7.797	6.866	2.430	27.683	0.410	33.307	
18/11/2025 23:30:00	11.764	7.799	6.803	2.423	27.689	0.410	33.307	
18/11/2025 23:35:00	11.778	7.806	6.680	2.421	27.701	0.413	33.307	
18/11/2025 23:40:00	11.804	7.807	6.725	2.425	27.605	0.410	33.307	
18/11/2025 23:45:00	11.817	7.813	6.793	2.423	27.713	0.412	33.307	
18/11/2025 23:50:00	11.712	7.814	6.622	2.381	27.509	0.225	33.307	
18/11/2025 23:55:00	11.824	7.817	6.752	2.388	27.479	0.374	33.305	
19/11/2025 00:00:00	11.794	7.877	96.484	3.838	36.144	0.415	33.206	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
19/11/2025 00:05:00	11.755	7.860	5.618	3.151	32.088	0.413	33.206	
19/11/2025 00:10:00	11.856	7.824	171.073	3.903	36.528	0.430	33.307	
19/11/2025 00:15:00	11.774	7.792	28.787	2.865	30.353	0.418	33.307	
19/11/2025 00:20:00	11.748	7.773	44.922	2.758	29.735	0.415	33.307	
19/11/2025 00:25:00	11.755	7.763	60.824	2.716	29.387	0.411	33.307	
19/11/2025 00:30:00	120.622	7.763	76.384	2.739	29.609	0.468	33.307	
19/11/2025 00:35:00	156.153	7.766	90.219	2.674	29.171	0.413	33.307	
19/11/2025 00:40:00	153.351	7.770	102.444	2.539	28.325	0.421	33.307	
19/11/2025 00:45:00	150.461	7.772	114.452	2.511	28.217	0.408	33.307	
19/11/2025 00:50:00	156.806	7.771	126.895	2.475	27.995	0.431	33.307	
19/11/2025 00:55:00	153.456	7.773	133.318	2.454	27.761	0.412	33.307	
19/11/2025 01:00:00	161.097	7.774	140.568	2.449	27.917	0.414	33.307	
19/11/2025 01:05:00	157.311	7.780	150.153	2.432	27.629	0.415	33.307	
19/11/2025 01:10:00	148.988	7.788	158.646	2.424	27.653	0.423	33.307	
19/11/2025 01:15:00	151.570	7.788	165.121	2.425	27.653	0.415	33.307	
19/11/2025 01:20:00	153.938	7.792	169.230	2.424	27.695	0.419	33.305	
19/11/2025 01:25:00	132.354	7.797	170.639	2.419	27.545	0.413	33.260	
19/11/2025 01:30:00	84.592	7.805	169.351	2.412	27.575	0.399	33.216	
19/11/2025 01:35:00	142.642	7.807	166.092	2.403	27.581	0.419	33.207	
19/11/2025 01:40:00	76.062	7.813	161.783	2.404	27.557	0.415	33.206	
19/11/2025 01:45:00	99.175	7.814	155.204	2.403	27.533	0.412	33.206	
19/11/2025 01:50:00	115.343	7.817	148.425	2.397	27.431	0.422	33.204	
19/11/2025 01:55:00	150.805	7.816	141.851	2.397	27.461	0.415	33.181	
19/11/2025 02:00:00	77.121	7.820	138.159	2.383	27.497	0.417	33.163	
19/11/2025 02:05:00	11.774	7.819	133.789	2.389	27.497	0.408	33.157	
19/11/2025 02:10:00	11.810	7.823	129.726	2.388	27.473	0.417	33.156	
19/11/2025 02:15:00	11.804	7.823	124.032	2.396	27.479	0.409	33.153	
19/11/2025 02:20:00	11.801	7.827	117.895	2.388	27.509	0.396	33.143	
19/11/2025 02:25:00	11.807	7.826	109.017	2.390	27.485	0.408	33.118	
19/11/2025 02:30:00	11.781	7.826	102.026	2.383	27.491	0.407	33.112	
19/11/2025 02:35:00	11.781	7.828	93.058	2.383	27.497	0.383	33.107	
19/11/2025 02:40:00	11.843	7.832	83.156	2.393	27.503	0.413	33.106	
19/11/2025 02:45:00	11.807	7.840	72.237	2.391	27.491	0.411	33.106	
19/11/2025 02:50:00	11.755	7.842	61.045	2.394	27.509	0.400	33.106	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
19/11/2025 02:55:00	11.824	7.842	50.496	2.413	27.629	0.406	33.106	
19/11/2025 03:00:00	11.827	7.840	38.675	2.391	27.557	0.425	33.106	
19/11/2025 03:05:00	11.830	7.844	26.463	2.389	27.575	0.421	33.106	
19/11/2025 03:10:00	11.830	7.844	15.583	2.385	27.443	0.405	33.106	
19/11/2025 03:15:00	11.824	7.849	8.666	2.384	27.557	0.424	33.106	
19/11/2025 03:20:00	11.797	7.856	7.572	2.392	27.569	0.420	33.106	
19/11/2025 03:25:00	11.827	7.863	7.838	2.401	27.575	0.412	33.106	
19/11/2025 03:30:00	11.807	7.863	7.554	2.395	27.551	0.414	33.106	
19/11/2025 03:35:00	11.824	7.867	7.458	2.401	27.575	0.420	33.106	
19/11/2025 03:40:00	11.810	7.863	7.254	2.403	27.587	0.409	33.106	
19/11/2025 03:45:00	11.833	7.855	7.269	2.401	27.593	0.411	33.106	
19/11/2025 03:50:00	11.853	7.842	7.286	2.394	27.581	0.420	33.106	
19/11/2025 03:55:00	11.824	7.841	7.418	2.403	27.593	0.410	33.106	
19/11/2025 04:00:00	11.879	7.861	271.398	4.008	37.134	0.412	33.050	
19/11/2025 04:05:00	11.833	7.871	192.190	3.864	36.300	0.412	33.038	
19/11/2025 04:10:00	11.863	7.846	132.310	3.854	36.288	0.406	33.106	
19/11/2025 04:15:00	11.860	7.811	63.365	3.059	31.529	0.401	33.207	
19/11/2025 04:20:00	11.784	7.774	13.178	2.923	30.797	0.416	33.307	
19/11/2025 04:25:00	11.843	7.753	9.977	2.804	30.059	0.423	33.307	
19/11/2025 04:30:00	82.036	7.744	9.021	2.738	29.627	0.414	33.307	
19/11/2025 04:35:00	89.379	7.736	8.456	2.723	29.507	0.424	33.307	
19/11/2025 04:40:00	86.134	7.736	8.244	2.730	29.615	0.424	33.307	
19/11/2025 04:45:00	94.090	7.732	8.084	2.669	29.201	0.417	33.307	
19/11/2025 04:50:00	155.014	7.736	7.833	2.651	29.081	0.413	33.306	
19/11/2025 04:55:00	151.314	7.733	7.638	2.659	29.195	0.414	33.300	
19/11/2025 05:00:00	151.691	7.734	7.461	2.653	29.063	0.418	33.239	
19/11/2025 05:05:00	155.241	7.735	7.518	2.659	29.189	0.417	33.225	
19/11/2025 05:10:00	150.339	7.737	7.541	2.673	29.195	0.417	33.208	
19/11/2025 05:15:00	109.096	7.738	7.467	2.643	29.129	0.414	33.207	
19/11/2025 05:20:00	108.903	7.738	7.355	2.608	28.883	0.419	33.206	
19/11/2025 05:25:00	155.690	7.740	7.361	2.611	28.883	0.417	33.206	
19/11/2025 05:30:00	154.844	7.745	7.223	2.590	28.763	0.418	33.204	
19/11/2025 05:35:00	126.967	7.747	7.244	2.561	28.583	0.420	33.198	
19/11/2025 05:40:00	136.173	7.756	7.433	2.561	28.589	0.417	33.189	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
19/11/2025 05:45:00	131.527	7.757	7.391	2.562	28.583	0.420	33.173	
19/11/2025 05:50:00	127.377	7.757	7.214	2.568	28.583	0.415	33.159	
19/11/2025 05:55:00	133.571	7.763	7.433	2.547	28.463	0.422	33.156	
19/11/2025 06:00:00	141.255	7.762	7.473	2.547	28.475	0.419	33.154	
19/11/2025 06:05:00	151.963	7.762	7.314	2.548	28.475	0.418	33.149	
19/11/2025 06:10:00	151.487	7.762	7.209	2.525	28.343	0.420	33.135	
19/11/2025 06:15:00	11.853	7.762	7.311	2.519	28.379	0.421	33.124	
19/11/2025 06:20:00	11.853	7.772	7.223	2.518	28.271	0.416	33.111	
19/11/2025 06:25:00	11.850	7.774	7.467	2.505	28.265	0.417	33.106	
19/11/2025 06:30:00	11.863	7.776	7.227	2.505	28.271	0.419	33.106	
19/11/2025 06:35:00	11.850	7.784	7.310	2.497	28.169	0.412	33.106	
19/11/2025 06:40:00	11.833	7.781	7.203	2.496	28.241	0.422	33.106	
19/11/2025 06:45:00	11.817	7.777	7.205	2.489	28.127	0.416	33.106	
19/11/2025 06:50:00	11.794	7.776	7.118	2.486	28.103	0.416	33.106	
19/11/2025 06:55:00	11.797	7.782	7.145	2.485	28.097	0.416	33.106	
19/11/2025 07:00:00	11.794	7.786	7.096	2.484	28.073	0.417	33.106	
19/11/2025 07:05:00	11.764	7.783	7.000	2.483	28.151	0.412	33.106	
19/11/2025 07:10:00	11.787	7.782	7.060	2.474	28.043	0.438	33.106	
19/11/2025 07:15:00	11.810	7.787	7.048	2.474	28.043	0.420	33.106	
19/11/2025 07:20:00	11.778	7.793	6.920	2.475	28.007	0.404	33.106	
19/11/2025 07:25:00	11.742	7.793	6.970	2.486	27.995	0.419	33.106	
19/11/2025 07:30:00	11.732	7.791	6.997	2.482	27.965	0.408	33.105	
19/11/2025 07:35:00	11.705	7.777	6.727	2.459	27.857	0.423	33.095	
19/11/2025 07:40:00	11.682	7.775	6.802	2.453	27.821	0.411	33.081	
19/11/2025 07:45:00	11.682	7.788	6.821	2.450	27.779	0.415	33.065	
19/11/2025 07:50:00	11.669	7.787	6.880	2.465	27.863	0.411	33.071	
19/11/2025 07:55:00	11.620	7.768	6.811	2.462	27.839	0.425	33.064	
19/11/2025 08:00:00	11.640	7.792	209.383	4.898	42.416	0.418	33.051	
19/11/2025 08:05:00	11.633	7.757	187.873	3.485	33.852	0.418	33.102	
19/11/2025 08:10:00	11.637	7.708	154.043	4.090	37.561	0.406	33.108	
19/11/2025 08:15:00	11.558	7.676	23.839	2.984	30.833	0.395	33.203	
19/11/2025 08:20:00	11.581	7.669	11.159	2.973	30.803	0.430	33.206	
19/11/2025 08:25:00	11.574	7.667	9.276	3.237	32.406	0.423	33.207	
19/11/2025 08:30:00	54.169	7.660	8.642	3.083	31.397	0.421	33.210	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
19/11/2025 08:35:00	61.226	7.663	8.049	2.892	30.203	0.423	33.214	
19/11/2025 08:40:00	67.961	7.661	7.817	2.610	28.571	0.418	33.250	
19/11/2025 08:45:00	66.669	7.665	7.557	2.615	28.535	0.412	33.302	
19/11/2025 08:50:00	75.455	7.671	7.262	2.585	28.409	0.434	33.307	
19/11/2025 08:55:00	74.963	7.669	7.152	2.556	28.157	0.410	33.307	
19/11/2025 09:00:00	109.017	7.665	6.991	2.538	28.043	0.432	33.307	
19/11/2025 09:05:00	108.319	7.667	7.075	2.539	28.025	0.438	33.307	
19/11/2025 09:10:00	112.033	7.665	6.665	2.529	28.019	0.433	33.307	
19/11/2025 09:15:00	125.714	7.671	6.839	2.534	27.971	0.426	33.307	
19/11/2025 09:20:00	120.198	7.672	6.743	2.525	27.935	0.416	33.307	
19/11/2025 09:25:00	102.328	7.670	6.625	2.523	27.881	0.422	33.307	
19/11/2025 09:30:00	80.481	7.676	6.419	2.509	27.767	0.413	33.307	
19/11/2025 09:35:00	84.110	7.674	6.592	2.513	27.851	0.420	33.307	
19/11/2025 09:40:00	80.862	7.675	6.413	2.519	27.851	0.419	33.307	
19/11/2025 09:45:00	82.958	7.671	6.319	2.498	27.743	0.432	33.307	
19/11/2025 09:50:00	76.045	7.674	6.293	2.488	27.605	0.419	33.355	
19/11/2025 09:55:00	79.605	7.672	6.283	2.489	27.581	0.412	33.400	
19/11/2025 10:00:00	72.837	7.672	5.999	2.496	27.671	0.410	33.407	
19/11/2025 10:05:00	11.259	7.670	5.995	2.513	27.743	0.458	33.407	
19/11/2025 10:10:00	11.295	7.669	6.004	2.547	27.941	0.413	33.436	
19/11/2025 10:15:00	11.263	7.670	5.816	2.482	27.503	0.433	33.506	
19/11/2025 10:20:00	11.282	7.666	5.804	2.495	27.593	0.431	33.508	
19/11/2025 10:25:00	11.233	7.675	5.720	2.508	27.689	0.414	33.508	
19/11/2025 10:30:00	11.174	7.671	5.521	2.548	27.863	0.442	33.508	
19/11/2025 10:35:00	11.256	7.676	5.701	2.514	27.647	0.455	33.508	
19/11/2025 10:40:00	11.174	7.675	5.461	2.462	27.335	0.421	33.557	
19/11/2025 10:45:00	11.187	7.674	5.594	2.427	27.197	0.402	33.604	
19/11/2025 10:50:00	11.181	7.673	5.563	2.432	27.179	0.436	33.608	
19/11/2025 10:55:00	11.187	7.677	5.528	2.431	27.155	0.409	33.655	
19/11/2025 11:00:00	11.184	7.677	5.537	2.437	27.191	0.425	33.697	
19/11/2025 11:05:00	11.121	7.677	5.500	2.436	27.137	0.422	33.709	
19/11/2025 11:10:00	11.177	7.675	5.551	2.521	27.647	0.437	33.709	
19/11/2025 11:15:00	21.466	7.677	5.510	2.427	27.095	0.427	33.709	
19/11/2025 11:20:00	11.148	7.680	5.431	2.447	27.275	0.412	33.709	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
19/11/2025 11:25:00	11.118	7.679	5.593	2.461	27.293	0.416	33.709	
19/11/2025 11:30:00	11.128	7.679	5.479	2.506	27.515	0.422	33.724	
19/11/2025 11:35:00	11.089	7.680	5.533	2.476	27.413	0.430	33.755	
19/11/2025 11:40:00	11.144	7.683	5.527	2.443	27.233	0.426	33.767	
19/11/2025 11:45:00	11.128	7.684	5.486	2.431	27.071	0.425	33.810	
19/11/2025 11:50:00	11.115	7.684	5.449	2.447	27.143	0.251	33.811	
19/11/2025 11:55:00	11.076	7.683	5.513	2.478	27.353	0.413	33.847	
19/11/2025 12:00:00	11.121	7.679	194.310	4.233	37.813	0.428	33.599	
19/11/2025 12:05:00	11.125	7.689	167.718	3.806	35.250	0.421	33.709	
19/11/2025 12:10:00	11.072	7.670	140.912	4.224	37.705	0.418	33.709	
19/11/2025 12:15:00	11.043	7.646	43.073	3.021	30.563	0.426	33.709	
19/11/2025 12:20:00	11.023	7.624	10.181	2.817	29.321	0.429	33.733	
19/11/2025 12:25:00	11.066	7.607	7.419	2.737	28.877	0.430	33.750	
19/11/2025 12:30:00	63.805	7.600	6.772	2.665	28.439	0.434	33.760	
19/11/2025 12:35:00	56.610	7.592	6.295	2.706	28.619	0.433	33.766	
19/11/2025 12:40:00	68.440	7.588	6.031	2.642	28.301	0.431	33.809	
19/11/2025 12:45:00	63.434	7.584	5.792	2.526	27.539	0.430	33.810	
19/11/2025 12:50:00	75.383	7.580	5.878	2.491	27.299	0.442	33.810	
19/11/2025 12:55:00	72.223	7.579	5.806	2.475	27.281	0.436	33.847	
19/11/2025 13:00:00	88.683	7.575	5.492	2.503	27.389	0.471	33.865	
19/11/2025 13:05:00	87.502	7.575	5.479	2.549	27.725	0.421	33.872	
19/11/2025 13:10:00	87.879	7.569	5.473	2.449	27.005	0.433	33.910	
19/11/2025 13:15:00	98.955	7.566	5.281	2.393	26.698	0.424	33.911	
19/11/2025 13:20:00	92.748	7.560	5.335	2.378	26.560	0.427	33.911	
19/11/2025 13:25:00	93.503	7.564	5.287	2.376	26.542	0.446	33.911	
19/11/2025 13:30:00	69.225	7.561	5.320	2.368	26.542	0.433	33.911	
19/11/2025 13:35:00	61.469	7.562	5.377	2.367	26.500	0.437	33.911	
19/11/2025 13:40:00	76.065	7.559	12.279	2.359	26.398	0.427	33.911	
19/11/2025 13:45:00	69.113	7.557	22.972	2.416	26.825	0.459	33.911	
19/11/2025 13:50:00	75.356	7.556	35.695	2.319	26.188	0.462	33.911	
19/11/2025 13:55:00	64.966	7.558	50.126	2.327	26.224	0.420	33.911	
19/11/2025 14:00:00	72.446	7.557	63.678	2.315	26.236	0.423	33.911	
19/11/2025 14:05:00	64.362	7.555	79.199	2.317	26.290	0.422	33.911	
19/11/2025 14:10:00	66.682	7.559	98.329	2.325	26.272	0.426	33.911	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
19/11/2025 14:15:00	10.971	7.552	115.732	2.325	26.266	0.430	33.911	
19/11/2025 14:20:00	11.039	7.551	133.882	2.320	26.308	0.423	33.896	
19/11/2025 14:25:00	11.043	7.554	145.306	2.314	26.200	0.441	33.862	
19/11/2025 14:30:00	11.059	7.559	158.519	2.309	26.242	0.430	33.851	
19/11/2025 14:35:00	11.056	7.564	170.969	2.309	26.230	0.458	33.836	
19/11/2025 14:40:00	11.066	7.565	180.081	2.319	26.290	0.439	33.829	
19/11/2025 14:45:00	11.056	7.566	187.429	2.328	26.392	0.449	33.815	
19/11/2025 14:50:00	11.053	7.564	195.233	2.326	26.380	0.418	33.811	
19/11/2025 14:55:00	11.039	7.573	203.896	2.340	26.422	0.443	33.811	
19/11/2025 15:00:00	11.138	7.574	207.182	2.357	26.494	0.425	33.810	
19/11/2025 15:05:00	11.082	7.574	208.660	2.385	26.729	0.431	33.810	
19/11/2025 15:10:00	11.062	7.574	211.546	2.478	27.281	0.431	33.810	
19/11/2025 15:15:00	11.108	7.573	211.429	2.465	27.149	0.444	33.810	
19/11/2025 15:20:00	11.121	7.574	207.854	2.521	27.515	0.434	33.783	
19/11/2025 15:25:00	11.112	7.580	202.699	2.537	27.623	0.432	33.760	
19/11/2025 15:30:00	11.177	7.588	200.988	2.592	28.091	0.440	33.740	
19/11/2025 15:35:00	11.131	7.585	202.936	2.655	28.427	0.450	33.709	
19/11/2025 15:40:00	11.141	7.586	198.221	2.714	28.793	0.420	33.709	
19/11/2025 15:45:00	11.217	7.590	189.628	2.754	29.075	0.435	33.709	
19/11/2025 15:50:00	11.279	7.589	180.419	2.607	28.247	0.423	33.709	
19/11/2025 15:55:00	11.286	7.590	172.096	2.623	28.283	0.430	33.709	
19/11/2025 16:00:00	11.282	7.597	77.122	3.421	33.126	0.438	33.709	
19/11/2025 16:05:00	11.312	7.587	77.146	3.360	32.748	0.432	33.761	
19/11/2025 16:10:00	11.272	7.567	77.165	3.348	32.778	0.433	33.756	
19/11/2025 16:15:00	11.345	7.558	152.402	2.903	30.053	0.436	33.747	
19/11/2025 16:20:00	11.413	7.555	121.454	2.849	29.723	0.446	33.732	
19/11/2025 16:25:00	11.371	7.559	120.891	2.773	29.363	0.442	33.722	
19/11/2025 16:30:00	11.423	7.566	120.849	2.526	27.911	0.451	33.719	
19/11/2025 16:35:00	11.466	7.567	108.894	2.521	27.923	0.457	33.713	
19/11/2025 16:40:00	11.413	7.569	99.601	2.475	27.647	0.431	33.711	
19/11/2025 16:45:00	11.482	7.571	89.020	2.467	27.563	0.438	33.710	
19/11/2025 16:50:00	11.469	7.577	75.688	2.462	27.569	0.436	33.710	
19/11/2025 16:55:00	11.446	7.580	66.383	2.448	27.485	0.435	33.709	
19/11/2025 17:00:00	48.759	7.579	57.871	2.445	27.557	0.440	33.709	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
19/11/2025 17:05:00	44.779	7.583	47.040	2.451	27.533	0.441	33.709	
19/11/2025 17:10:00	50.740	7.581	35.092	2.452	27.593	0.447	33.709	
19/11/2025 17:15:00	48.365	7.584	28.053	2.447	27.581	0.442	33.709	
19/11/2025 17:20:00	50.885	7.585	21.697	2.449	27.599	0.435	33.709	
19/11/2025 17:25:00	54.087	7.590	13.780	2.455	27.629	0.435	33.709	
19/11/2025 17:30:00	52.263	7.586	8.780	2.449	27.641	0.449	33.709	
19/11/2025 17:35:00	90.143	7.590	7.968	2.443	27.551	0.438	33.709	
19/11/2025 17:40:00	88.624	7.598	7.812	2.452	27.653	0.443	33.709	
19/11/2025 17:45:00	93.263	7.596	7.619	2.451	27.671	0.438	33.709	
19/11/2025 17:50:00	86.472	7.606	7.712	2.444	27.587	0.451	33.709	
19/11/2025 17:55:00	81.688	7.608	7.577	2.467	27.701	0.438	33.709	
19/11/2025 18:00:00	57.647	7.617	7.455	2.463	27.707	0.438	33.709	
19/11/2025 18:05:00	58.723	7.618	7.691	2.455	27.719	0.433	33.709	
19/11/2025 18:10:00	11.594	7.620	7.550	2.447	27.611	0.445	33.709	
19/11/2025 18:15:00	11.607	7.624	7.715	2.453	27.749	0.428	33.709	
19/11/2025 18:20:00	11.558	7.623	7.565	2.455	27.743	0.424	33.709	
19/11/2025 18:25:00	11.584	7.627	7.428	2.455	27.731	0.447	33.707	
19/11/2025 18:30:00	11.604	7.631	7.566	2.448	27.635	0.441	33.689	
19/11/2025 18:35:00	11.610	7.631	7.418	2.441	27.635	0.426	33.660	
19/11/2025 18:40:00	11.610	7.632	7.482	2.448	27.641	0.441	33.635	
19/11/2025 18:45:00	11.614	7.644	7.212	2.457	27.767	0.444	33.611	
19/11/2025 18:50:00	11.600	7.656	7.197	2.456	27.755	0.434	33.608	
19/11/2025 18:55:00	11.637	7.655	7.440	2.508	27.983	0.449	33.608	
19/11/2025 19:00:00	11.633	7.665	7.301	2.465	27.785	0.446	33.608	
19/11/2025 19:05:00	11.610	7.671	7.196	2.464	27.797	0.461	33.608	
19/11/2025 19:10:00	11.623	7.679	7.106	2.472	27.779	0.441	33.605	
19/11/2025 19:15:00	11.646	7.679	7.039	2.472	27.887	0.439	33.588	
19/11/2025 19:20:00	11.646	7.684	7.119	2.480	27.911	0.440	33.560	
19/11/2025 19:25:00	11.574	7.685	7.108	2.482	27.905	0.451	33.555	
19/11/2025 19:30:00	11.643	7.685	7.069	2.492	28.013	0.448	33.514	
19/11/2025 19:35:00	11.673	7.685	7.064	2.480	27.911	0.437	33.508	
19/11/2025 19:40:00	11.640	7.686	7.022	2.487	27.917	0.447	33.508	
19/11/2025 19:45:00	11.663	7.688	6.956	2.488	27.929	0.448	33.508	
19/11/2025 19:50:00	11.653	7.689	6.892	2.482	27.929	0.462	33.508	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
19/11/2025 19:55:00	11.650	7.688	6.889	2.488	27.929	0.437	33.508	
19/11/2025 20:00:00	11.669	7.691	6.979	2.496	28.049	0.427	33.508	
19/11/2025 20:05:00	11.650	7.691	6.901	2.489	27.959	0.413	33.508	
19/11/2025 20:10:00	11.686	7.691	6.907	2.490	27.947	0.431	33.508	
19/11/2025 20:15:00	11.692	7.689	154.148	3.554	34.338	0.449	33.407	
19/11/2025 20:20:00	11.682	7.682	162.351	4.252	38.497	0.442	33.407	
19/11/2025 20:25:00	11.692	7.676	136.849	4.130	37.741	0.447	33.407	
19/11/2025 20:30:00	11.696	7.668	20.749	3.398	33.414	0.447	33.508	
19/11/2025 20:35:00	11.682	7.659	10.949	3.289	32.772	0.455	33.508	
19/11/2025 20:40:00	11.725	7.655	9.302	3.214	32.388	0.436	33.508	
19/11/2025 20:45:00	42.227	7.653	8.658	3.320	32.994	0.439	33.508	
19/11/2025 20:50:00	46.023	7.656	8.333	3.434	33.636	0.452	33.508	
19/11/2025 20:55:00	46.420	7.660	8.061	3.334	33.024	0.436	33.508	
19/11/2025 21:00:00	46.774	7.660	7.829	3.272	32.694	0.454	33.508	
19/11/2025 21:05:00	43.244	7.660	7.895	3.235	32.484	0.440	33.508	
19/11/2025 21:10:00	62.725	7.658	7.529	3.250	32.610	0.446	33.508	
19/11/2025 21:15:00	66.475	7.660	7.425	3.200	32.262	0.434	33.508	
19/11/2025 21:20:00	56.807	7.661	7.533	3.157	31.932	0.444	33.507	
19/11/2025 21:25:00	64.002	7.658	7.241	3.165	32.046	0.441	33.499	
19/11/2025 21:30:00	65.005	7.656	7.436	3.136	31.823	0.450	33.455	
19/11/2025 21:35:00	55.291	7.659	7.542	3.143	31.986	0.438	33.418	
19/11/2025 21:40:00	56.751	7.661	7.161	3.158	32.076	0.434	33.411	
19/11/2025 21:45:00	54.458	7.663	6.946	3.170	32.100	0.448	33.408	
19/11/2025 21:50:00	53.595	7.669	7.266	3.159	31.986	0.441	33.407	
19/11/2025 21:55:00	55.419	7.669	7.184	3.137	31.878	0.441	33.407	
19/11/2025 22:00:00	49.497	7.670	7.206	3.138	31.859	0.436	33.407	
19/11/2025 22:05:00	51.826	7.668	7.132	2.988	31.043	0.440	33.407	
19/11/2025 22:10:00	52.975	7.670	7.039	3.003	31.157	0.439	33.407	
19/11/2025 22:15:00	67.400	7.675	7.048	2.981	31.031	0.444	33.407	
19/11/2025 22:20:00	58.119	7.679	7.067	2.989	31.055	0.441	33.407	
19/11/2025 22:25:00	53.933	7.682	6.965	2.990	31.031	0.434	33.407	
19/11/2025 22:30:00	11.709	7.677	6.929	2.996	31.025	0.453	33.407	
19/11/2025 22:35:00	11.725	7.674	6.877	2.989	31.043	0.432	33.402	
19/11/2025 22:40:00	11.738	7.671	6.883	3.018	31.163	0.448	33.387	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
19/11/2025 22:45:00	11.722	7.670	6.932	3.018	31.265	0.453	33.365	
19/11/2025 22:50:00	11.791	7.671	6.913	2.982	31.049	0.439	33.360	
19/11/2025 22:55:00	11.692	7.669	6.805	2.990	31.049	0.434	33.356	
19/11/2025 23:00:00	11.745	7.670	6.820	3.004	31.151	0.435	33.347	
19/11/2025 23:05:00	11.735	7.664	6.815	3.183	32.286	0.441	33.314	
19/11/2025 23:10:00	11.705	7.666	6.883	3.041	31.409	0.435	33.307	
19/11/2025 23:15:00	11.709	7.664	6.860	3.012	31.181	0.455	33.307	
19/11/2025 23:20:00	11.758	7.664	6.839	3.042	31.397	0.446	33.307	
19/11/2025 23:25:00	11.771	7.661	6.844	3.042	31.409	0.447	33.307	
19/11/2025 23:30:00	11.764	7.660	6.910	3.056	31.409	0.430	33.307	
19/11/2025 23:35:00	11.778	7.665	6.679	3.054	31.517	0.449	33.307	
19/11/2025 23:40:00	11.764	7.665	6.763	3.057	31.529	0.440	33.307	
19/11/2025 23:45:00	11.735	7.665	6.782	3.078	31.631	0.452	33.307	
19/11/2025 23:50:00	11.774	7.665	6.844	3.077	31.619	0.257	33.307	
19/11/2025 23:55:00	11.751	7.668	6.746	3.078	31.649	0.426	33.307	
20/11/2025 00:00:00	11.748	7.668	6.793	3.093	31.637	0.425	33.307	
20/11/2025 00:05:00	11.755	7.668	6.916	3.521	34.314	0.426	33.307	
20/11/2025 00:10:00	11.758	7.663	6.844	3.136	31.956	0.435	33.307	
20/11/2025 00:15:00	11.774	7.674	203.430	4.750	41.659	0.458	33.307	
20/11/2025 00:20:00	11.794	7.679	197.561	4.864	42.307	0.446	33.307	
20/11/2025 00:25:00	11.797	7.666	135.659	4.942	42.770	0.452	33.307	
20/11/2025 00:30:00	11.794	7.652	58.862	4.420	39.685	0.452	33.358	
20/11/2025 00:35:00	11.751	7.643	32.536	4.408	39.589	0.443	33.389	
20/11/2025 00:40:00	11.761	7.635	40.373	4.580	40.663	0.434	33.383	
20/11/2025 00:45:00	66.180	7.636	48.801	4.622	40.897	0.448	33.382	
20/11/2025 00:50:00	55.311	7.636	57.893	4.280	38.833	0.438	33.366	
20/11/2025 00:55:00	68.631	7.635	68.856	3.996	37.129	0.443	33.360	
20/11/2025 01:00:00	66.085	7.637	78.433	3.866	36.384	0.434	33.356	
20/11/2025 01:05:00	72.427	7.640	89.191	3.925	36.684	0.449	33.342	
20/11/2025 01:10:00	53.651	7.647	98.536	3.732	35.532	0.454	33.312	
20/11/2025 01:15:00	122.718	7.653	107.860	3.718	35.388	0.455	33.307	
20/11/2025 01:20:00	157.449	7.654	117.461	3.633	34.974	0.434	33.307	
20/11/2025 01:25:00	139.260	7.654	124.071	3.711	35.430	0.454	33.307	
20/11/2025 01:30:00	150.838	7.657	130.999	3.718	35.370	0.449	33.307	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
20/11/2025 01:35:00	146.566	7.658	135.925	3.676	35.178	0.447	33.307	
20/11/2025 01:40:00	153.512	7.659	140.297	3.661	35.064	0.440	33.307	
20/11/2025 01:45:00	152.583	7.661	142.707	3.533	34.314	0.446	33.307	
20/11/2025 01:50:00	135.674	7.661	145.572	3.476	34.002	0.443	33.307	
20/11/2025 01:55:00	120.759	7.663	146.682	3.439	33.798	0.445	33.307	
20/11/2025 02:00:00	158.351	7.663	147.649	3.386	33.366	0.444	33.307	
20/11/2025 02:05:00	141.540	7.663	148.137	3.376	33.360	0.440	33.307	
20/11/2025 02:10:00	159.237	7.661	147.013	3.334	33.150	0.449	33.307	
20/11/2025 02:15:00	11.801	7.664	143.499	3.412	33.594	0.444	33.307	
20/11/2025 02:20:00	11.824	7.668	135.892	3.390	33.486	0.445	33.303	
20/11/2025 02:25:00	11.830	7.671	133.574	3.476	34.014	0.438	33.256	
20/11/2025 02:30:00	11.830	7.669	130.311	3.484	34.020	0.446	33.208	
20/11/2025 02:35:00	11.781	7.674	123.429	3.504	34.254	0.455	33.206	
20/11/2025 02:40:00	11.837	7.673	117.563	4.257	38.575	0.440	33.206	
20/11/2025 02:45:00	11.824	7.672	112.080	3.484	34.044	0.446	33.190	
20/11/2025 02:50:00	27.348	7.672	105.068	3.545	34.392	0.454	33.169	
20/11/2025 02:55:00	11.837	7.676	97.253	3.574	34.608	0.444	33.157	
20/11/2025 03:00:00	11.817	7.678	89.535	3.579	34.614	0.456	33.156	
20/11/2025 03:05:00	11.830	7.681	78.856	3.571	34.656	0.434	33.151	
20/11/2025 03:10:00	11.837	7.682	66.056	3.587	34.740	0.448	33.131	
20/11/2025 03:15:00	11.840	7.684	57.193	3.472	33.990	0.442	33.112	
20/11/2025 03:20:00	11.837	7.686	46.959	3.437	33.846	0.443	33.108	
20/11/2025 03:25:00	11.850	7.687	36.306	3.443	33.894	0.444	33.106	
20/11/2025 03:30:00	11.827	7.687	27.230	3.437	33.804	0.449	33.106	
20/11/2025 03:35:00	11.797	7.688	18.762	3.453	33.912	0.437	33.106	
20/11/2025 03:40:00	11.853	7.689	11.318	3.474	34.032	0.443	33.106	
20/11/2025 03:45:00	11.860	7.686	7.797	3.490	34.146	0.442	33.106	
20/11/2025 03:50:00	11.837	7.690	7.698	3.510	34.260	0.460	33.106	
20/11/2025 03:55:00	11.853	7.696	7.410	3.518	34.350	0.445	33.106	
20/11/2025 04:00:00	11.847	7.703	7.331	3.517	34.362	0.442	33.106	
20/11/2025 04:05:00	11.833	7.709	7.269	3.504	34.284	0.446	33.106	
20/11/2025 04:10:00	11.850	7.712	7.317	3.503	34.254	0.439	33.106	
20/11/2025 04:15:00	11.879	7.719	276.930	5.682	47.252	0.443	33.106	
20/11/2025 04:20:00	11.873	7.723	276.921	5.695	47.360	0.434	33.105	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
20/11/2025 04:25:00	11.896	7.717	198.351	6.549	52.521	0.439	33.144	
20/11/2025 04:30:00	11.889	7.701	123.600	6.331	51.231	0.444	33.307	
20/11/2025 04:35:00	11.866	7.685	15.150	5.931	48.831	0.450	33.307	
20/11/2025 04:40:00	11.899	7.672	10.683	5.403	45.644	0.438	33.307	
20/11/2025 04:45:00	69.143	7.663	9.350	3.605	34.812	0.449	33.307	
20/11/2025 04:50:00	97.676	7.657	8.831	3.572	34.590	0.453	33.307	
20/11/2025 04:55:00	92.052	7.658	8.310	3.598	34.902	0.447	33.307	
20/11/2025 05:00:00	94.976	7.654	8.102	3.575	34.686	0.464	33.307	
20/11/2025 05:05:00	84.021	7.651	7.940	3.590	34.800	0.447	33.307	
20/11/2025 05:10:00	69.392	7.646	7.785	3.600	34.788	0.466	33.307	
20/11/2025 05:15:00	77.997	7.647	7.844	4.047	37.585	0.502	33.307	
20/11/2025 05:20:00	70.566	7.647	7.526	3.547	34.464	0.451	33.307	
20/11/2025 05:25:00	61.200	7.645	7.446	3.560	34.620	0.425	33.307	
20/11/2025 05:30:00	67.184	7.644	7.437	3.577	34.704	0.439	33.307	
20/11/2025 05:35:00	63.070	7.647	7.386	3.613	34.944	0.454	33.307	
20/11/2025 05:40:00	62.515	7.651	7.359	3.570	34.722	0.442	33.307	
20/11/2025 05:45:00	67.856	7.653	7.332	3.562	34.602	0.445	33.291	
20/11/2025 05:50:00	76.045	7.653	7.163	3.506	34.266	0.458	33.215	
20/11/2025 05:55:00	73.178	7.658	7.149	3.506	34.296	0.442	33.208	
20/11/2025 06:00:00	120.937	7.660	6.934	3.521	34.380	0.449	33.207	
20/11/2025 06:05:00	89.792	7.662	6.973	3.520	34.404	0.448	33.206	
20/11/2025 06:10:00	91.600	7.665	7.096	3.536	34.422	0.447	33.206	
20/11/2025 06:15:00	92.275	7.668	7.063	3.556	34.614	0.439	33.204	
20/11/2025 06:20:00	60.793	7.670	7.145	3.455	33.936	0.452	33.177	
20/11/2025 06:25:00	11.866	7.675	6.992	3.528	34.410	0.448	33.164	
20/11/2025 06:35:00	11.886	7.674	7.139	3.581	34.674	0.440	33.157	
20/11/2025 06:40:00	11.850	7.672	7.157	3.590	34.818	0.432	33.156	
20/11/2025 06:45:00	11.833	7.673	7.069	3.618	34.878	0.450	33.156	
20/11/2025 06:50:00	11.774	7.673	6.989	3.524	34.344	0.449	33.143	
20/11/2025 06:55:00	11.840	7.673	7.043	3.551	34.572	0.436	33.147	
20/11/2025 07:00:00	11.797	7.669	6.977	3.568	34.662	0.452	33.129	
20/11/2025 07:05:00	23.507	7.668	6.910	3.586	34.740	0.462	33.117	
20/11/2025 07:10:00	11.830	7.670	6.827	3.606	34.830	0.454	33.110	
20/11/2025 07:15:00	11.705	7.671	6.820	3.582	34.692	0.454	33.107	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
20/11/2025 07:20:00	11.807	7.670	6.608	3.831	36.162	0.454	33.106	
20/11/2025 07:25:00	11.735	7.676	6.826	3.560	34.572	0.441	33.106	
20/11/2025 07:30:00	11.745	7.675	6.740	3.580	34.656	0.461	33.106	
20/11/2025 07:35:00	11.715	7.672	6.883	3.606	34.830	0.466	33.106	
20/11/2025 07:40:00	11.722	7.671	6.719	3.611	34.842	0.456	33.106	
20/11/2025 07:45:00	11.702	7.670	6.611	3.645	34.992	0.434	33.106	
20/11/2025 07:50:00	11.643	7.665	6.518	3.480	34.050	0.441	33.106	
20/11/2025 07:55:00	11.604	7.797	6.671	4.349	39.157	0.534	33.071	
20/11/2025 08:00:00	11.637	7.809	6.476	2.226	26.326	0.446	33.106	
20/11/2025 08:05:00	11.594	7.779	6.446	2.195	26.218	0.445	33.106	
20/11/2025 08:10:00	11.591	7.766	6.212	2.191	26.170	0.441	33.106	
20/11/2025 08:15:00	11.620	7.720	190.238	2.978	30.791	0.447	33.107	
20/11/2025 08:20:00	11.604	7.657	180.939	2.974	30.773	0.447	33.114	
20/11/2025 08:25:00	11.495	7.642	160.181	3.697	35.124	0.444	33.206	
20/11/2025 08:30:00	11.443	7.637	35.844	2.894	30.275	0.443	33.307	
20/11/2025 08:35:00	11.538	7.638	11.003	2.572	28.367	0.445	33.307	
20/11/2025 08:40:00	11.476	7.641	8.747	2.529	27.995	0.441	33.307	
20/11/2025 08:45:00	85.642	7.647	7.887	2.519	27.983	0.454	33.307	
20/11/2025 08:50:00	84.572	7.647	7.242	2.505	27.899	0.439	33.307	
20/11/2025 08:55:00	86.232	7.652	7.194	2.447	27.521	0.454	33.307	
20/11/2025 09:00:00	89.126	7.653	6.856	2.400	27.227	0.441	33.307	
20/11/2025 09:05:00	92.590	7.654	6.952	2.387	27.167	0.437	33.307	
20/11/2025 09:10:00	99.237	7.660	6.766	2.366	27.017	0.454	33.307	
20/11/2025 09:15:00	122.616	7.662	6.500	2.357	26.927	0.434	33.307	
20/11/2025 09:20:00	106.937	7.665	6.481	2.344	26.891	0.448	33.307	
20/11/2025 09:25:00	101.770	7.666	6.388	2.334	26.777	0.456	33.307	
20/11/2025 09:30:00	103.247	7.671	6.095	2.327	26.777	0.434	33.307	
20/11/2025 09:35:00	97.928	7.671	6.194	2.328	26.789	0.447	33.307	
20/11/2025 09:40:00	70.448	7.672	6.223	2.321	26.584	0.455	33.307	
20/11/2025 09:45:00	81.222	7.676	6.119	2.313	26.663	0.438	33.307	
20/11/2025 09:50:00	81.190	7.675	6.113	2.305	26.668	0.454	33.310	
20/11/2025 09:55:00	79.841	7.676	5.861	2.305	26.644	0.434	33.321	
20/11/2025 10:00:00	73.601	7.679	5.998	2.303	26.518	0.427	33.318	
20/11/2025 10:05:00	101.426	7.684	5.909	2.294	26.494	0.445	33.352	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
20/11/2025 10:10:00	104.572	7.688	5.867	2.294	26.506	0.454	33.351	
20/11/2025 10:15:00	11.325	7.689	5.893	2.292	26.482	0.450	33.355	
20/11/2025 10:20:00	11.374	7.697	5.755	2.285	26.506	0.443	33.366	
20/11/2025 10:25:00	11.358	7.696	5.906	2.285	26.500	0.435	33.398	
20/11/2025 10:30:00	11.318	7.698	5.795	2.273	26.356	0.458	33.397	
20/11/2025 10:35:00	11.331	7.703	5.873	2.270	26.362	0.438	33.407	
20/11/2025 10:40:00	11.338	7.705	5.759	2.271	26.350	0.456	33.407	
20/11/2025 10:45:00	11.318	7.720	5.800	2.269	26.344	0.443	33.406	
20/11/2025 10:50:00	11.315	7.725	5.803	2.261	26.338	0.439	33.407	
20/11/2025 10:55:00	11.315	7.731	5.813	2.263	26.338	0.440	33.407	
20/11/2025 11:00:00	11.302	7.740	5.699	2.260	26.326	0.441	33.407	
20/11/2025 11:05:00	11.289	7.748	5.632	2.260	26.206	0.464	33.407	
20/11/2025 11:10:00	11.335	7.756	5.618	2.260	26.188	0.456	33.407	
20/11/2025 11:15:00	11.305	7.757	5.807	2.252	26.218	0.460	33.407	
20/11/2025 11:20:00	11.322	7.761	5.720	2.260	26.224	0.468	33.407	
20/11/2025 11:25:00	11.302	7.761	5.728	2.263	26.200	0.465	33.407	
20/11/2025 11:30:00	11.236	7.759	5.716	2.251	26.188	0.467	33.407	
20/11/2025 11:35:00	11.295	7.758	5.753	2.245	26.194	0.448	33.407	
20/11/2025 11:40:00	11.302	7.765	5.755	2.237	26.068	0.442	33.441	
20/11/2025 11:45:00	11.266	7.765	5.702	2.244	26.170	0.463	33.459	
20/11/2025 11:50:00	11.299	7.769	5.693	2.244	26.176	0.245	33.427	
20/11/2025 11:55:00	11.289	7.761	5.539	2.245	26.170	0.458	33.425	
20/11/2025 12:00:00	11.322	7.759	5.561	2.251	26.170	0.434	33.410	
20/11/2025 12:05:00	11.318	7.771	5.626	2.251	26.176	0.436	33.419	
20/11/2025 12:10:00	11.292	7.773	5.726	2.252	26.200	0.457	33.442	
20/11/2025 12:15:00	11.318	7.751	186.013	3.351	32.772	0.441	33.350	
20/11/2025 12:20:00	11.318	7.726	169.318	3.406	33.078	0.452	33.507	
20/11/2025 12:25:00	11.341	7.714	151.775	3.520	33.750	0.451	33.508	
20/11/2025 12:30:00	11.341	7.698	94.897	3.586	34.188	0.446	33.508	
20/11/2025 12:35:00	11.335	7.676	12.425	2.904	30.065	0.445	33.508	
20/11/2025 12:40:00	11.338	7.664	8.810	2.752	29.195	0.430	33.508	
20/11/2025 12:45:00	60.120	7.653	7.629	2.831	29.615	0.443	33.510	
20/11/2025 12:50:00	62.440	7.643	7.138	2.936	30.245	0.459	33.529	
20/11/2025 12:55:00	59.654	7.642	6.880	2.716	28.949	0.470	33.555	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
20/11/2025 13:00:00	65.386	7.637	6.748	2.707	28.985	0.436	33.571	
20/11/2025 13:05:00	59.687	7.633	6.479	2.604	28.349	0.450	33.579	
20/11/2025 13:10:00	53.086	7.632	6.284	2.665	28.661	0.451	33.590	
20/11/2025 13:15:00	55.980	7.632	6.301	2.498	27.635	0.448	33.580	
20/11/2025 13:20:00	54.241	7.632	6.211	2.464	27.419	0.450	33.578	
20/11/2025 13:25:00	56.525	7.627	6.065	2.463	27.413	0.448	33.591	
20/11/2025 13:30:00	47.276	7.627	6.173	2.535	27.845	0.449	33.605	
20/11/2025 13:35:00	44.346	7.633	6.095	2.465	27.443	0.468	33.591	
20/11/2025 13:40:00	51.111	7.635	6.062	2.470	27.503	0.451	33.607	
20/11/2025 13:45:00	47.135	7.640	6.119	2.465	27.437	0.445	33.607	
20/11/2025 13:50:00	49.389	7.641	14.997	2.461	27.413	0.447	33.608	
20/11/2025 13:55:00	51.252	7.633	25.679	2.459	27.347	0.448	33.608	
20/11/2025 14:00:00	52.843	7.636	38.932	2.453	27.401	0.444	33.608	
20/11/2025 14:05:00	52.013	7.640	57.202	2.441	27.293	0.452	33.607	
20/11/2025 14:10:00	41.610	7.639	78.385	2.441	27.275	0.447	33.605	
20/11/2025 14:15:00	50.134	7.639	99.145	2.440	27.299	0.448	33.566	
20/11/2025 14:20:00	11.286	7.638	122.382	2.432	27.251	0.455	33.555	
20/11/2025 14:25:00	11.299	7.638	146.212	2.454	27.395	0.450	33.535	
20/11/2025 14:30:00	11.308	7.643	166.111	2.462	27.353	0.447	33.510	
20/11/2025 14:35:00	11.246	7.646	181.680	2.491	27.575	0.450	33.508	
20/11/2025 14:40:00	11.305	7.650	199.101	2.485	27.467	0.446	33.508	
20/11/2025 14:45:00	11.322	7.644	216.882	2.484	27.491	0.447	33.508	
20/11/2025 14:50:00	11.325	7.643	229.780	2.501	27.593	0.449	33.508	
20/11/2025 14:55:00	11.302	7.645	244.541	2.535	27.743	0.439	33.508	
20/11/2025 15:00:00	11.328	7.646	259.074	2.521	27.677	0.450	33.508	
20/11/2025 15:05:00	11.312	7.648	274.845	2.597	28.187	0.441	33.508	
20/11/2025 15:10:00	11.305	7.644	275.710	2.887	29.891	0.451	33.468	
20/11/2025 15:15:00	11.259	7.644	275.706	2.980	30.419	0.449	33.408	
20/11/2025 15:20:00	22.929	7.642	275.721	3.182	31.577	0.462	33.407	
20/11/2025 15:25:00	11.286	7.644	275.730	3.316	32.442	0.444	33.391	
20/11/2025 15:30:00	11.289	7.643	275.745	3.580	34.050	0.438	33.307	
20/11/2025 15:35:00	11.318	7.649	275.760	3.710	34.818	0.439	33.307	
20/11/2025 15:40:00	11.318	7.643	275.787	3.912	36.018	0.439	33.307	
20/11/2025 15:45:00	11.325	7.648	275.808	4.031	36.756	0.432	33.307	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
20/11/2025 15:50:00	22.972	7.653	275.839	4.232	37.981	0.441	33.207	
20/11/2025 15:55:00	11.328	7.659	275.866	4.242	38.089	0.430	33.206	
20/11/2025 16:00:00	11.433	7.659	275.875	4.484	39.493	0.430	33.152	
20/11/2025 16:05:00	11.381	7.661	275.892	4.669	40.687	0.425	33.106	
20/11/2025 16:10:00	11.371	7.660	275.908	4.586	40.129	0.421	33.106	
20/11/2025 16:15:00	11.351	7.670	5.449	3.667	34.800	0.420	33.307	
20/11/2025 16:20:00	11.381	7.644	5.450	3.498	33.774	0.429	33.506	
20/11/2025 16:25:00	46.948	7.611	5.456	3.457	33.570	0.433	33.508	
20/11/2025 16:30:00	47.335	7.601	226.526	3.365	32.904	0.442	33.508	
20/11/2025 16:35:00	11.443	7.596	276.003	3.296	32.490	0.439	33.508	
20/11/2025 16:40:00	11.509	7.597	276.030	3.036	30.821	0.454	33.508	
20/11/2025 16:45:00	48.542	7.598	276.027	2.941	30.323	0.454	33.508	
20/11/2025 16:50:00	40.836	7.598	267.484	2.898	30.143	0.437	33.508	
20/11/2025 16:55:00	37.804	7.607	255.861	2.808	29.555	0.442	33.508	
20/11/2025 17:00:00	45.806	7.606	244.519	2.755	29.213	0.456	33.508	
20/11/2025 17:05:00	39.589	7.612	229.897	2.747	29.243	0.443	33.508	
20/11/2025 17:10:00	48.651	7.617	219.565	2.832	29.795	0.444	33.507	
20/11/2025 17:15:00	49.054	7.619	204.703	2.769	29.399	0.447	33.501	
20/11/2025 17:20:00	77.827	7.624	189.580	2.771	29.399	0.448	33.452	
20/11/2025 17:25:00	64.651	7.627	175.985	2.765	29.447	0.448	33.424	
20/11/2025 17:30:00	58.214	7.631	162.999	2.786	29.543	0.447	33.410	
20/11/2025 17:35:00	64.274	7.635	149.551	2.812	29.717	0.446	33.407	
20/11/2025 17:40:00	55.032	7.635	140.153	2.923	30.383	0.447	33.407	
20/11/2025 17:45:00	50.314	7.633	128.662	2.859	30.029	0.447	33.407	
20/11/2025 17:50:00	50.248	7.640	116.816	2.825	29.825	0.444	33.407	
20/11/2025 17:55:00	45.823	7.641	105.704	2.826	29.849	0.448	33.407	
20/11/2025 18:00:00	45.380	7.642	95.671	2.841	29.933	0.448	33.407	
20/11/2025 18:05:00	47.401	7.645	82.161	2.858	30.107	0.449	33.407	
20/11/2025 18:10:00	44.097	7.643	66.513	3.023	31.079	0.448	33.407	
20/11/2025 18:15:00	48.779	7.648	54.475	2.950	30.647	0.448	33.407	
20/11/2025 18:20:00	11.541	7.649	41.483	2.902	30.371	0.449	33.406	
20/11/2025 18:25:00	11.555	7.652	28.038	2.895	30.371	0.450	33.405	
20/11/2025 18:30:00	11.558	7.653	16.374	2.895	30.275	0.448	33.401	
20/11/2025 18:35:00	11.594	7.654	8.838	2.909	30.377	0.445	33.393	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
20/11/2025 18:40:00	11.594	7.657	7.923	3.052	31.235	0.445	33.372	
20/11/2025 18:45:00	11.610	7.656	7.904	2.896	30.425	0.448	33.355	
20/11/2025 18:50:00	11.630	7.660	7.773	2.911	30.395	0.448	33.351	
20/11/2025 18:55:00	11.587	7.662	7.514	2.926	30.533	0.446	33.344	
20/11/2025 19:00:00	11.630	7.663	7.611	2.936	30.533	0.453	33.321	
20/11/2025 19:05:00	11.620	7.662	7.518	2.942	30.641	0.463	33.310	
20/11/2025 19:10:00	11.614	7.664	7.461	2.956	30.761	0.458	33.307	
20/11/2025 19:15:00	11.607	7.663	7.616	2.935	30.671	0.453	33.307	
20/11/2025 19:20:00	11.623	7.663	7.557	2.988	30.881	0.445	33.307	
20/11/2025 19:25:00	11.630	7.668	7.520	2.996	31.007	0.447	33.307	
20/11/2025 19:30:00	11.646	7.671	7.403	3.001	31.007	0.446	33.307	
20/11/2025 19:35:00	26.023	7.674	7.322	3.008	31.133	0.448	33.307	
20/11/2025 19:40:00	11.653	7.675	7.368	3.030	31.217	0.449	33.307	
20/11/2025 19:45:00	11.617	7.674	7.214	2.990	30.935	0.449	33.307	
20/11/2025 19:50:00	11.660	7.675	7.245	3.038	31.241	0.447	33.307	
20/11/2025 19:55:00	11.660	7.680	7.310	3.060	31.349	0.446	33.307	
20/11/2025 20:00:00	11.663	7.680	7.281	3.082	31.463	0.444	33.307	
20/11/2025 20:05:00	11.689	7.682	7.340	3.089	31.601	0.445	33.307	
20/11/2025 20:10:00	11.666	7.687	7.281	3.092	31.601	0.442	33.307	
20/11/2025 20:15:00	11.702	7.688	179.099	4.502	39.985	0.458	33.300	
20/11/2025 20:20:00	11.705	7.681	173.681	4.610	40.615	0.444	33.157	
20/11/2025 20:25:00	11.673	7.682	150.725	4.836	42.037	0.445	33.206	
20/11/2025 20:30:00	11.715	7.673	87.141	5.023	43.226	0.445	33.307	
20/11/2025 20:35:00	23.995	7.667	14.359	4.104	37.789	0.438	33.307	
20/11/2025 20:40:00	11.620	7.660	10.406	4.368	39.307	0.445	33.307	
20/11/2025 20:45:00	60.179	7.653	9.227	4.368	39.325	0.459	33.307	
20/11/2025 20:50:00	66.078	7.653	8.753	4.254	38.563	0.448	33.307	
20/11/2025 20:55:00	66.183	7.650	8.382	3.978	36.864	0.448	33.307	
20/11/2025 21:00:00	76.980	7.646	8.201	4.070	37.501	0.445	33.307	
20/11/2025 21:05:00	66.331	7.645	7.995	3.442	33.774	0.440	33.307	
20/11/2025 21:10:00	75.173	7.645	7.760	3.372	33.330	0.448	33.307	
20/11/2025 21:15:00	78.427	7.640	7.890	3.371	33.336	0.451	33.307	
20/11/2025 21:20:00	79.549	7.640	7.649	3.386	33.348	0.451	33.307	
20/11/2025 21:25:00	71.816	7.640	7.547	3.352	33.144	0.449	33.307	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
20/11/2025 21:30:00	59.044	7.638	7.481	3.280	32.724	0.448	33.304	
20/11/2025 21:35:00	54.592	7.639	7.437	3.352	33.150	0.444	33.276	
20/11/2025 21:40:00	50.012	7.638	7.374	3.316	32.946	0.445	33.236	
20/11/2025 21:45:00	55.708	7.637	7.373	3.310	32.982	0.447	33.210	
20/11/2025 21:50:00	52.479	7.634	7.322	3.412	33.588	0.448	33.206	
20/11/2025 21:55:00	56.511	7.638	7.146	3.354	33.174	0.448	33.206	
20/11/2025 22:00:00	56.436	7.642	7.226	3.347	33.216	0.444	33.206	
20/11/2025 22:05:00	63.339	7.652	7.256	3.339	33.180	0.447	33.203	
20/11/2025 22:10:00	76.029	7.655	7.218	3.296	32.868	0.446	33.182	
20/11/2025 22:15:00	81.649	7.657	7.082	3.249	32.532	0.447	33.162	
20/11/2025 22:20:00	77.804	7.655	7.106	3.175	32.130	0.446	33.156	
20/11/2025 22:25:00	86.327	7.659	7.006	3.176	32.100	0.448	33.156	
20/11/2025 22:30:00	11.774	7.661	7.214	3.176	32.118	0.446	33.151	
20/11/2025 22:35:00	11.758	7.662	7.079	3.190	32.238	0.446	33.146	
20/11/2025 22:40:00	11.758	7.671	7.057	3.206	32.358	0.444	33.130	
20/11/2025 22:45:00	11.722	7.673	7.024	3.204	32.370	0.442	33.117	
20/11/2025 22:50:00	11.715	7.675	6.838	3.353	33.204	0.445	33.107	
20/11/2025 22:55:00	11.728	7.671	6.905	3.183	32.250	0.443	33.106	
20/11/2025 23:00:00	11.751	7.671	6.880	3.140	31.956	0.444	33.106	
20/11/2025 23:05:00	11.781	7.672	6.917	3.119	31.835	0.445	33.106	
20/11/2025 23:10:00	11.771	7.671	7.061	3.127	31.926	0.446	33.106	
20/11/2025 23:15:00	11.742	7.671	7.034	3.126	31.919	0.447	33.106	
20/11/2025 23:20:00	11.715	7.673	6.982	3.384	33.444	0.447	33.106	
20/11/2025 23:25:00	11.676	7.675	7.024	3.085	31.613	0.444	33.106	
20/11/2025 23:30:00	11.745	7.672	6.959	3.136	31.997	0.446	33.105	
20/11/2025 23:35:00	11.787	7.676	6.959	3.158	32.088	0.444	33.093	
20/11/2025 23:40:00	11.774	7.681	6.923	3.171	32.172	0.445	33.064	
20/11/2025 23:45:00	11.784	7.682	7.003	3.168	32.202	0.448	33.050	
20/11/2025 23:50:00	11.755	7.685	6.977	3.187	32.274	0.226	33.021	
20/11/2025 23:55:00	11.771	7.685	6.986	3.109	31.739	0.426	33.006	
21/11/2025 00:00:00	24.796	7.682	6.919	3.150	32.094	0.434	33.006	
21/11/2025 00:05:00	11.768	7.685	6.998	3.193	32.316	0.439	33.006	
21/11/2025 00:10:00	11.669	7.685	6.943	3.207	32.388	0.439	33.006	
21/11/2025 00:15:00	11.863	7.693	276.756	5.408	45.500	0.442	33.010	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
21/11/2025 00:20:00	11.787	7.696	276.733	5.208	44.312	0.442	32.956	
21/11/2025 00:25:00	11.820	7.681	276.741	5.105	43.742	0.443	33.006	
21/11/2025 00:30:00	11.794	7.666	47.042	4.241	38.563	0.440	33.018	
21/11/2025 00:35:00	11.797	7.659	13.734	4.284	38.797	0.440	33.038	
21/11/2025 00:40:00	11.735	7.656	12.381	4.614	40.843	0.440	33.042	
21/11/2025 00:45:00	69.385	7.657	21.503	4.750	41.701	0.440	33.028	
21/11/2025 00:50:00	79.320	7.659	34.863	4.630	40.951	0.439	33.019	
21/11/2025 00:55:00	69.651	7.659	47.913	4.416	39.661	0.440	33.009	
21/11/2025 01:00:00	72.177	7.659	61.715	4.088	37.663	0.438	33.006	
21/11/2025 01:05:00	72.440	7.661	75.541	3.968	37.008	0.438	33.006	
21/11/2025 01:10:00	85.041	7.661	90.408	3.854	36.252	0.437	33.006	
21/11/2025 01:15:00	69.756	7.663	103.979	3.441	33.828	0.436	33.006	
21/11/2025 01:20:00	54.044	7.661	117.029	3.519	34.260	0.437	33.006	
21/11/2025 01:25:00	60.954	7.663	131.706	3.771	35.724	0.437	32.993	
21/11/2025 01:30:00	60.596	7.662	142.709	3.477	34.026	0.436	32.968	
21/11/2025 01:35:00	57.650	7.662	150.982	3.477	34.026	0.438	32.956	
21/11/2025 01:40:00	60.071	7.660	157.035	3.491	34.134	0.437	32.954	
21/11/2025 01:45:00	59.143	7.660	160.166	3.540	34.326	0.435	32.928	
21/11/2025 01:50:00	54.346	7.662	161.669	3.534	34.338	0.437	32.909	
21/11/2025 01:55:00	59.359	7.662	162.075	3.698	35.304	0.435	32.906	
21/11/2025 02:00:00	85.773	7.662	162.639	3.370	33.414	0.437	32.906	
21/11/2025 02:05:00	85.159	7.660	161.712	3.256	32.628	0.435	32.906	
21/11/2025 02:10:00	78.306	7.663	162.009	3.285	32.862	0.437	32.906	
21/11/2025 02:15:00	84.238	7.665	163.537	3.321	33.048	0.436	32.906	
21/11/2025 02:20:00	11.889	7.667	165.150	3.344	33.246	0.439	32.906	
21/11/2025 02:25:00	34.737	7.668	167.506	3.344	33.192	0.437	32.906	
21/11/2025 02:30:00	11.833	7.668	169.597	3.392	33.516	0.441	32.906	
21/11/2025 02:35:00	11.869	7.671	173.365	3.371	33.408	0.439	32.904	
21/11/2025 02:40:00	11.794	7.672	175.184	3.375	33.372	0.436	32.860	
21/11/2025 02:45:00	11.863	7.672	176.826	3.392	33.534	0.434	32.810	
21/11/2025 02:50:00	11.840	7.672	177.161	3.408	33.672	0.434	32.806	
21/11/2025 02:55:00	11.886	7.679	175.381	3.422	33.744	0.437	32.806	
21/11/2025 03:00:00	11.869	7.678	168.735	3.209	32.358	0.434	32.805	
21/11/2025 03:05:00	11.863	7.675	160.854	3.252	32.712	0.435	32.797	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
21/11/2025 03:10:00	11.856	7.675	152.398	3.273	32.814	0.434	32.768	
21/11/2025 03:15:00	11.856	7.679	136.852	3.280	32.922	0.436	32.757	
21/11/2025 03:20:00	11.856	7.681	130.549	3.317	33.036	0.434	32.750	
21/11/2025 03:25:00	11.883	7.682	125.346	3.316	33.030	0.436	32.725	
21/11/2025 03:30:00	11.863	7.684	119.967	3.275	32.820	0.433	32.706	
21/11/2025 03:35:00	11.876	7.686	113.537	3.312	33.030	0.435	32.706	
21/11/2025 03:40:00	11.853	7.687	104.322	3.303	33.036	0.436	32.706	
21/11/2025 03:45:00	11.847	7.690	90.783	3.304	33.060	0.435	32.706	
21/11/2025 03:50:00	11.915	7.692	76.733	3.320	33.180	0.435	32.706	
21/11/2025 03:55:00	11.879	7.696	58.055	3.325	33.186	0.435	32.706	
21/11/2025 04:00:00	11.856	7.699	41.960	3.376	33.516	0.435	32.706	
21/11/2025 04:05:00	11.866	7.697	25.531	3.348	33.318	0.435	32.706	
21/11/2025 04:10:00	11.820	7.695	12.126	3.347	33.330	0.437	32.706	
21/11/2025 04:15:00	11.909	7.705	163.821	4.784	41.953	0.433	32.807	
21/11/2025 04:20:00	11.902	7.704	127.210	5.376	45.488	0.435	32.706	
21/11/2025 04:25:00	11.873	7.703	276.955	5.605	46.868	0.434	32.706	
21/11/2025 04:30:00	11.906	7.693	262.303	5.097	43.736	0.433	32.768	
21/11/2025 04:35:00	11.866	7.685	16.282	5.154	44.126	0.435	32.806	
21/11/2025 04:40:00	11.879	7.671	10.895	5.356	45.410	0.432	32.806	
21/11/2025 04:45:00	67.883	7.670	9.695	5.506	46.286	0.433	32.806	
21/11/2025 04:50:00	77.938	7.666	9.056	5.647	47.168	0.435	32.806	
21/11/2025 04:55:00	62.840	7.668	8.531	5.585	46.808	0.433	32.806	
21/11/2025 05:00:00	55.445	7.669	8.474	5.285	45.032	0.432	32.806	
21/11/2025 05:05:00	58.080	7.668	8.265	3.957	36.978	0.435	32.806	
21/11/2025 05:10:00	56.318	7.668	7.973	4.092	37.843	0.434	32.806	
21/11/2025 05:15:00	54.323	7.672	7.913	4.050	37.525	0.433	32.806	
21/11/2025 05:20:00	60.544	7.674	7.862	3.980	37.086	0.431	32.805	
21/11/2025 05:25:00	66.433	7.676	7.667	4.020	37.417	0.431	32.798	
21/11/2025 05:30:00	55.603	7.675	7.676	3.977	37.092	0.429	32.782	
21/11/2025 05:35:00	59.720	7.674	7.733	3.950	36.996	0.430	32.756	
21/11/2025 05:40:00	59.983	7.674	7.661	3.971	37.080	0.429	32.744	
21/11/2025 05:45:00	58.391	7.676	7.553	3.950	36.996	0.429	32.718	
21/11/2025 05:50:00	59.651	7.681	7.503	3.934	36.894	0.428	32.707	
21/11/2025 05:55:00	76.895	7.682	7.448	3.871	36.444	0.428	32.706	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
21/11/2025 06:00:00	76.646	7.684	7.385	4.049	37.525	0.428	32.706	
21/11/2025 06:05:00	71.075	7.683	7.325	3.765	35.808	0.427	32.706	
21/11/2025 06:10:00	77.128	7.686	7.257	3.778	35.916	0.427	32.706	
21/11/2025 06:15:00	80.360	7.684	7.224	3.794	35.994	0.426	32.706	
21/11/2025 06:20:00	74.894	7.688	7.256	3.834	36.210	0.426	32.706	
21/11/2025 06:25:00	56.895	7.688	7.304	3.825	36.210	0.426	32.706	
21/11/2025 06:30:00	11.873	7.688	7.229	3.848	36.318	0.426	32.706	
21/11/2025 06:35:00	11.886	7.690	7.114	3.955	36.972	0.426	32.706	
21/11/2025 06:40:00	11.909	7.693	7.091	3.884	36.564	0.426	32.706	
21/11/2025 06:45:00	11.886	7.691	7.051	3.904	36.666	0.427	32.706	
21/11/2025 06:50:00	11.879	7.695	7.123	3.906	36.636	0.423	32.705	
21/11/2025 06:55:00	11.876	7.697	7.042	3.897	36.618	0.426	32.705	
21/11/2025 07:00:00	11.814	7.697	7.076	2.212	26.452	0.424	32.704	
21/11/2025 07:05:00	11.876	7.698	7.055	2.197	26.488	0.424	32.679	
21/11/2025 07:10:00	11.883	7.701	7.045	2.190	26.344	0.426	32.623	
21/11/2025 07:15:00	11.820	7.704	6.937	2.192	26.380	0.425	32.613	
21/11/2025 07:20:00	11.853	7.702	6.973	2.182	26.338	0.429	32.606	
21/11/2025 07:25:00	11.847	7.702	7.058	2.181	26.338	0.425	32.606	
21/11/2025 07:30:00	11.833	7.703	6.949	2.174	26.320	0.425	32.606	
21/11/2025 07:35:00	11.869	7.707	7.033	2.175	26.212	0.426	32.606	
21/11/2025 07:40:00	11.856	7.705	6.944	2.173	26.224	0.425	32.606	
21/11/2025 07:45:00	11.830	7.709	7.170	2.167	26.194	0.424	32.606	
21/11/2025 07:50:00	11.850	7.708	6.832	2.166	26.212	0.426	32.606	
21/11/2025 07:55:00	11.824	7.709	6.851	2.167	26.176	0.427	32.606	
21/11/2025 08:00:00	11.837	7.709	6.779	2.156	26.176	0.424	32.606	
21/11/2025 08:05:00	11.817	7.708	6.776	2.156	26.158	0.427	32.606	
21/11/2025 08:10:00	11.804	7.712	6.884	2.155	26.152	0.422	32.606	
21/11/2025 08:15:00	11.847	7.715	185.937	2.998	31.121	0.428	32.609	
21/11/2025 08:20:00	11.804	7.706	191.144	2.975	31.001	0.431	32.554	
21/11/2025 08:25:00	11.787	7.693	164.512	3.010	31.211	0.431	32.605	
21/11/2025 08:30:00	11.764	7.680	37.159	3.022	31.319	0.426	32.606	
21/11/2025 08:35:00	11.787	7.676	12.075	2.608	28.775	0.425	32.607	
21/11/2025 08:40:00	11.768	7.674	9.695	2.507	28.223	0.426	32.607	
21/11/2025 08:45:00	60.580	7.674	8.997	2.460	27.953	0.426	32.618	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
21/11/2025 08:50:00	66.029	7.674	8.201	2.434	27.779	0.427	32.657	
21/11/2025 08:55:00	59.431	7.673	7.958	2.433	27.731	0.421	32.690	
21/11/2025 09:00:00	60.859	7.673	7.677	2.425	27.653	0.424	32.694	
21/11/2025 09:05:00	62.528	7.675	7.446	2.409	27.491	0.421	32.703	
21/11/2025 09:10:00	69.730	7.674	7.172	2.400	27.515	0.425	32.705	
21/11/2025 09:15:00	60.711	7.673	7.355	2.378	27.359	0.427	32.705	
21/11/2025 09:20:00	66.843	7.672	7.118	2.370	27.227	0.424	32.705	
21/11/2025 09:25:00	70.258	7.676	6.988	2.361	27.197	0.425	32.705	
21/11/2025 09:30:00	63.523	7.675	6.733	2.347	27.113	0.422	32.705	
21/11/2025 09:35:00	91.468	7.675	6.857	2.347	27.059	0.424	32.705	
21/11/2025 09:40:00	85.852	7.675	6.788	2.338	27.041	0.420	32.705	
21/11/2025 09:45:00	75.875	7.677	6.755	2.331	26.957	0.421	32.705	
21/11/2025 09:50:00	83.404	7.676	6.748	2.323	26.933	0.419	32.705	
21/11/2025 09:55:00	78.719	7.676	6.604	2.320	26.903	0.419	32.705	
21/11/2025 10:00:00	83.549	7.680	6.712	2.305	26.729	0.418	32.705	
21/11/2025 10:05:00	67.876	7.678	6.460	2.295	26.711	0.418	32.705	
21/11/2025 10:10:00	57.302	7.677	6.389	2.287	26.704	0.419	32.705	
21/11/2025 10:15:00	63.385	7.675	6.559	2.277	26.548	0.421	32.705	
21/11/2025 10:20:00	11.587	7.676	6.523	2.282	26.596	0.418	32.705	
21/11/2025 11:00:00	11.417	7.659	5.981	2.243	26.260	0.419	32.732	
21/11/2025 11:05:00	11.394	7.658	5.899	2.233	26.236	0.420	32.719	
21/11/2025 11:10:00	11.430	7.649	6.017	2.233	26.122	0.418	32.715	
21/11/2025 11:15:00	11.404	7.645	5.929	2.228	26.152	0.420	32.718	
21/11/2025 11:20:00	11.400	7.642	5.968	2.213	26.044	0.421	32.715	
21/11/2025 11:25:00	11.430	7.642	5.908	2.214	26.056	0.422	32.731	
21/11/2025 11:30:00	11.459	7.642	6.034	2.205	26.050	0.420	32.732	
21/11/2025 11:35:00	11.440	7.640	6.119	2.207	26.056	0.418	32.739	
21/11/2025 11:40:00	11.394	7.644	6.098	2.206	26.068	0.422	32.746	
21/11/2025 11:45:00	11.450	7.643	5.942	2.202	26.062	0.421	32.758	
21/11/2025 11:50:00	23.769	7.639	5.954	2.199	25.942	0.220	32.757	
21/11/2025 11:55:00	11.413	7.639	6.025	2.191	25.936	0.401	32.764	
21/11/2025 12:00:00	11.387	7.639	6.010	2.191	25.906	0.415	32.804	
21/11/2025 12:05:00	11.417	7.633	6.035	2.182	25.912	0.416	32.806	
21/11/2025 12:10:00	11.413	7.633	6.121	2.183	25.900	0.416	32.806	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
21/11/2025 12:15:00	11.407	7.633	185.571	3.499	33.738	0.419	32.706	
21/11/2025 12:20:00	11.354	7.656	180.815	3.290	32.430	0.419	32.802	
21/11/2025 12:25:00	11.335	7.647	156.584	3.197	31.866	0.423	32.806	
21/11/2025 12:30:00	11.325	7.636	122.606	3.120	31.391	0.424	32.805	
21/11/2025 12:35:00	11.256	7.622	13.437	2.577	28.085	0.420	32.806	
21/11/2025 12:40:00	11.279	7.612	8.565	2.534	27.845	0.418	32.806	
21/11/2025 12:45:00	65.855	7.600	7.535	2.567	28.043	0.415	32.806	
21/11/2025 12:50:00	62.246	7.594	6.710	2.511	27.719	0.416	32.807	
21/11/2025 12:55:00	66.124	7.588	6.484	2.450	27.329	0.415	32.868	
21/11/2025 13:00:00	62.784	7.587	6.310	2.436	27.215	0.410	32.886	
21/11/2025 13:05:00	46.164	7.582	6.028	2.427	27.107	0.413	32.905	
21/11/2025 13:10:00	79.133	7.579	5.978	2.420	27.095	0.412	32.906	
21/11/2025 13:15:00	70.550	7.578	5.948	2.413	27.125	0.412	32.906	
21/11/2025 13:20:00	70.750	7.580	5.885	2.415	27.131	0.414	32.906	
21/11/2025 13:25:00	72.263	7.578	5.974	2.399	27.035	0.418	32.906	
21/11/2025 13:30:00	72.902	7.575	5.986	2.392	27.041	0.416	32.906	
21/11/2025 13:35:00	79.008	7.572	5.833	2.386	26.903	0.416	32.906	
21/11/2025 13:40:00	59.070	7.573	5.896	2.379	26.915	0.416	32.906	
21/11/2025 13:45:00	65.258	7.575	5.977	2.373	26.831	0.415	32.906	
21/11/2025 13:50:00	59.504	7.574	5.980	2.381	26.933	0.409	32.906	
21/11/2025 13:55:00	48.834	7.573	5.938	2.364	26.813	0.414	32.906	
21/11/2025 14:00:00	62.627	7.572	6.058	2.353	26.753	0.416	32.906	
21/11/2025 14:05:00	58.598	7.573	6.019	2.346	26.741	0.411	32.906	
21/11/2025 14:10:00	53.257	7.573	5.957	2.338	26.626	0.410	32.906	
21/11/2025 14:15:00	56.078	7.575	5.999	2.333	26.668	0.409	32.906	
21/11/2025 14:20:00	63.591	7.572	5.936	2.355	26.759	0.409	32.906	
21/11/2025 14:25:00	65.957	7.574	5.825	2.330	26.560	0.415	32.906	
21/11/2025 14:30:00	11.263	7.574	6.761	2.314	26.560	0.413	32.906	
21/11/2025 14:35:00	11.249	7.574	16.279	2.309	26.530	0.408	32.906	
21/11/2025 14:40:00	11.253	7.579	29.231	2.293	26.446	0.409	32.906	
21/11/2025 14:45:00	11.266	7.578	44.251	2.286	26.362	0.417	32.906	
21/11/2025 14:50:00	11.312	7.576	57.461	2.326	26.692	0.398	32.906	
21/11/2025 14:55:00	11.240	7.574	71.320	2.277	26.338	0.407	32.807	
21/11/2025 15:00:00	11.295	7.583	85.899	2.263	26.212	0.409	32.806	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
21/11/2025 15:05:00	11.302	7.581	103.545	2.263	26.218	0.414	32.806	
21/11/2025 15:10:00	11.328	7.574	121.772	2.256	26.104	0.411	32.806	
21/11/2025 15:15:00	11.213	7.577	137.303	2.262	26.200	0.406	32.789	
21/11/2025 15:20:00	11.325	7.574	154.567	2.270	26.188	0.407	32.773	
21/11/2025 15:25:00	11.256	7.576	169.272	2.294	26.458	0.410	32.757	
21/11/2025 15:30:00	11.299	7.572	184.416	2.315	26.548	0.422	32.729	
21/11/2025 15:35:00	11.305	7.573	198.480	2.372	26.867	0.408	32.706	
21/11/2025 15:40:00	11.384	7.571	209.987	2.507	27.593	0.408	32.706	
21/11/2025 15:45:00	11.374	7.573	221.874	2.536	27.809	0.412	32.706	
21/11/2025 15:50:00	11.302	7.571	233.106	2.751	29.105	0.408	32.706	
21/11/2025 15:55:00	11.302	7.568	243.115	3.135	31.475	0.413	32.606	
21/11/2025 16:00:00	11.322	7.572	254.667	3.201	31.763	0.408	32.605	
21/11/2025 16:05:00	11.397	7.572	267.091	3.500	33.624	0.402	32.518	
21/11/2025 16:10:00	11.374	7.571	275.844	3.642	34.440	0.407	32.506	
21/11/2025 16:15:00	11.328	7.578	86.355	2.932	30.275	0.401	32.653	
21/11/2025 16:20:00	11.358	7.575	86.378	2.905	30.185	0.404	32.705	
21/11/2025 16:25:00	11.354	7.551	5.447	2.928	30.305	0.412	32.705	
21/11/2025 16:30:00	11.433	7.541	237.523	2.896	30.095	0.411	32.705	
21/11/2025 16:35:00	11.463	7.532	275.953	2.586	28.163	0.414	32.705	
21/11/2025 16:40:00	11.404	7.530	275.980	2.555	28.073	0.411	32.705	
21/11/2025 16:45:00	52.023	7.530	275.992	2.499	27.653	0.414	32.705	
21/11/2025 16:50:00	62.341	7.529	276.018	2.484	27.713	0.413	32.705	
21/11/2025 16:55:00	61.872	7.531	276.013	2.588	28.187	0.413	32.705	
21/11/2025 17:00:00	75.671	7.527	276.046	2.487	27.563	0.417	32.705	
21/11/2025 17:05:00	73.260	7.528	276.063	2.453	27.485	0.417	32.705	
21/11/2025 17:10:00	80.757	7.528	276.084	2.431	27.323	0.419	32.705	
21/11/2025 17:15:00	76.377	7.529	276.109	2.425	27.275	0.414	32.705	
21/11/2025 17:20:00	61.705	7.534	276.127	2.426	27.323	0.414	32.705	
21/11/2025 17:25:00	57.798	7.536	276.153	2.529	28.001	0.421	32.705	
21/11/2025 17:30:00	57.358	7.536	276.190	2.465	27.581	0.418	32.705	
21/11/2025 17:35:00	56.164	7.537	276.189	2.416	27.269	0.418	32.705	
21/11/2025 17:40:00	60.763	7.539	276.216	2.404	27.173	0.413	32.705	
21/11/2025 17:45:00	51.121	7.538	276.223	2.396	27.179	0.420	32.705	
21/11/2025 17:50:00	64.225	7.541	276.243	2.389	27.203	0.423	32.705	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
21/11/2025 17:55:00	57.069	7.544	276.271	2.491	27.749	0.417	32.705	
21/11/2025 18:00:00	51.803	7.544	276.258	2.405	27.209	0.425	32.705	
21/11/2025 18:05:00	57.706	7.546	276.280	2.391	27.137	0.424	32.705	
21/11/2025 18:10:00	54.182	7.550	276.295	2.386	27.173	0.415	32.705	
21/11/2025 18:15:00	59.881	7.557	276.321	2.385	27.167	0.414	32.705	
21/11/2025 18:20:00	11.568	7.556	274.548	2.386	27.143	0.412	32.705	
21/11/2025 18:25:00	11.587	7.559	266.819	2.387	27.179	0.426	32.705	
21/11/2025 18:30:00	11.597	7.557	260.796	2.381	27.191	0.417	32.697	
21/11/2025 18:35:00	11.604	7.557	254.748	2.381	27.191	0.415	32.689	
21/11/2025 18:40:00	11.604	7.558	244.831	2.383	27.203	0.441	32.675	
21/11/2025 18:45:00	11.600	7.559	234.833	2.381	27.227	0.427	32.664	
21/11/2025 18:50:00	11.623	7.558	222.781	2.374	27.095	0.429	32.639	
21/11/2025 18:55:00	11.604	7.561	207.679	2.383	27.257	0.442	32.626	
21/11/2025 19:00:00	11.594	7.567	191.401	2.364	27.173	0.410	32.611	
21/11/2025 19:05:00	11.577	7.566	177.056	2.368	27.137	0.412	32.606	
21/11/2025 19:10:00	11.587	7.573	162.967	2.377	27.149	0.439	32.606	
21/11/2025 19:15:00	11.604	7.574	146.421	2.377	27.167	0.406	32.606	
21/11/2025 19:20:00	11.604	7.577	132.596	2.377	27.167	0.416	32.606	
21/11/2025 19:25:00	11.627	7.581	115.112	2.376	27.143	0.433	32.606	
21/11/2025 19:30:00	23.651	7.580	99.077	2.413	27.425	0.427	32.606	
21/11/2025 19:35:00	11.623	7.585	81.550	2.384	27.305	0.410	32.606	
21/11/2025 19:40:00	11.604	7.591	65.049	2.385	27.329	0.407	32.606	
21/11/2025 19:45:00	11.656	7.592	51.051	2.380	27.245	0.400	32.606	
21/11/2025 19:50:00	11.650	7.596	38.034	2.379	27.221	0.412	32.606	
21/11/2025 19:55:00	11.660	7.598	27.042	2.394	27.389	0.414	32.606	
21/11/2025 20:00:00	11.660	7.599	18.258	2.387	27.377	0.413	32.606	
21/11/2025 20:05:00	11.656	7.600	13.202	2.388	27.407	0.406	32.606	
21/11/2025 20:10:00	11.591	7.600	8.808	2.390	27.395	0.411	32.606	
21/11/2025 20:15:00	11.627	7.608	103.454	3.174	32.064	0.421	32.606	
21/11/2025 20:20:00	11.715	7.635	276.501	3.896	36.360	0.415	32.506	
21/11/2025 20:25:00	11.689	7.636	276.489	3.794	35.820	0.416	32.506	
21/11/2025 20:30:00	11.663	7.628	276.507	3.680	35.034	0.420	32.566	
21/11/2025 20:35:00	11.650	7.608	17.268	3.038	31.253	0.428	32.605	
21/11/2025 20:40:00	11.682	7.598	11.456	2.990	30.935	0.416	32.605	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
21/11/2025 20:45:00	54.418	7.595	9.968	2.913	30.539	0.431	32.605	
21/11/2025 20:50:00	51.968	7.587	9.425	2.799	29.777	0.439	32.605	
21/11/2025 20:55:00	52.030	7.589	9.117	2.726	29.477	0.435	32.605	
21/11/2025 21:00:00	63.093	7.589	8.723	2.710	29.297	0.440	32.604	
21/11/2025 21:05:00	55.498	7.589	8.628	2.706	29.369	0.436	32.601	
21/11/2025 21:10:00	65.685	7.586	8.513	2.700	29.261	0.411	32.592	
21/11/2025 21:15:00	57.948	7.591	8.325	2.699	29.267	0.421	32.580	
21/11/2025 21:20:00	90.576	7.589	8.165	2.701	29.261	0.443	32.562	
21/11/2025 21:25:00	84.172	7.593	8.045	2.697	29.285	0.425	32.557	
21/11/2025 21:30:00	85.586	7.589	8.042	2.687	29.159	0.439	32.554	
21/11/2025 21:35:00	148.627	7.589	7.973	2.672	29.087	0.430	32.539	
21/11/2025 21:40:00	96.222	7.587	7.755	2.666	29.075	0.425	32.521	
21/11/2025 21:45:00	87.351	7.591	7.794	2.666	29.093	0.432	32.516	
21/11/2025 21:50:00	106.186	7.591	7.716	2.665	29.135	0.436	32.509	
21/11/2025 21:55:00	99.460	7.593	7.763	2.659	29.123	0.441	32.506	
21/11/2025 22:00:00	96.383	7.598	7.673	2.660	29.129	0.437	32.506	
21/11/2025 22:05:00	139.326	7.601	7.418	2.711	29.297	0.432	32.506	
21/11/2025 22:10:00	149.309	7.603	7.530	2.673	29.069	0.452	32.506	
21/11/2025 22:15:00	141.018	7.607	7.527	2.659	29.105	0.430	32.506	
21/11/2025 22:20:00	95.894	7.607	7.475	2.659	28.973	0.453	32.506	
21/11/2025 22:25:00	90.461	7.608	7.545	2.659	28.991	0.430	32.506	
21/11/2025 22:30:00	11.728	7.609	7.523	2.653	29.003	0.416	32.506	
21/11/2025 22:35:00	11.725	7.607	7.355	2.624	28.793	0.437	32.506	
21/11/2025 22:40:00	11.738	7.609	7.427	2.645	28.997	0.426	32.506	
21/11/2025 22:45:00	11.725	7.609	7.367	2.654	29.027	0.428	32.506	
21/11/2025 22:50:00	11.764	7.612	7.307	2.653	29.039	0.433	32.506	
21/11/2025 22:55:00	11.742	7.612	7.371	2.653	29.015	0.429	32.506	
21/11/2025 23:00:00	11.738	7.614	7.235	2.659	29.087	0.436	32.506	
21/11/2025 23:05:00	11.742	7.619	7.449	2.662	29.063	0.425	32.506	
21/11/2025 23:10:00	11.758	7.621	7.271	2.640	28.949	0.417	32.506	
21/11/2025 23:20:00	11.751	7.622	7.281	2.661	29.033	0.431	32.506	
21/11/2025 23:25:00	11.728	7.627	7.187	2.676	29.141	0.432	32.506	
21/11/2025 23:30:00	11.761	7.627	7.202	2.671	29.135	0.428	32.506	
21/11/2025 23:35:00	11.755	7.629	7.159	2.678	29.153	0.427	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
21/11/2025 23:40:00	11.728	7.634	7.188	2.635	28.955	0.429	32.506	
21/11/2025 23:45:00	11.771	7.637	7.211	2.641	28.955	0.427	32.506	
21/11/2025 23:50:00	11.761	7.640	7.191	2.649	29.051	0.245	32.505	
21/11/2025 23:55:00	11.725	7.642	7.214	2.649	29.081	0.409	32.502	
22/11/2025 00:00:00	11.771	7.645	7.175	2.649	29.057	0.420	32.482	
22/11/2025 00:05:00	11.735	7.647	7.094	2.648	29.081	0.417	32.424	
22/11/2025 00:10:00	11.755	7.649	7.025	2.663	29.069	0.427	32.406	
22/11/2025 00:15:00	11.797	7.678	276.700	3.886	36.384	0.424	32.494	
22/11/2025 00:20:00	11.791	7.690	276.703	3.827	36.060	0.438	32.306	
22/11/2025 00:25:00	11.830	7.679	276.721	4.572	40.573	0.436	32.400	
22/11/2025 00:30:00	11.764	7.667	39.056	3.434	33.756	0.430	32.506	
22/11/2025 00:35:00	11.738	7.652	13.041	3.065	31.541	0.431	32.506	
22/11/2025 00:40:00	11.774	7.649	10.403	3.272	32.724	0.441	32.506	
22/11/2025 00:45:00	78.772	7.643	9.599	2.894	30.473	0.431	32.506	
22/11/2025 00:50:00	67.505	7.642	8.784	2.959	30.935	0.426	32.506	
22/11/2025 00:55:00	74.418	7.639	8.520	2.929	30.677	0.424	32.506	
22/11/2025 01:00:00	116.855	7.643	8.255	2.911	30.599	0.433	32.506	
22/11/2025 01:05:00	106.386	7.646	8.160	2.895	30.473	0.428	32.506	
22/11/2025 01:10:00	96.629	7.646	11.220	2.767	29.735	0.415	32.506	
22/11/2025 01:15:00	91.275	7.646	16.779	2.766	29.741	0.435	32.506	
22/11/2025 01:20:00	99.605	7.649	23.474	2.768	29.741	0.435	32.506	
22/11/2025 01:25:00	96.613	7.648	32.036	2.761	29.735	0.425	32.506	
22/11/2025 01:30:00	101.665	7.651	40.858	2.754	29.639	0.431	32.506	
22/11/2025 01:35:00	78.552	7.649	51.939	2.752	29.639	0.431	32.506	
22/11/2025 01:40:00	72.148	7.650	63.564	2.911	30.629	0.422	32.504	
22/11/2025 01:45:00	66.059	7.647	75.793	2.736	29.639	0.450	32.425	
22/11/2025 01:50:00	73.083	7.644	88.905	2.740	29.525	0.435	32.406	
22/11/2025 01:55:00	72.614	7.644	101.708	2.703	29.411	0.426	32.406	
22/11/2025 02:00:00	65.219	7.644	110.676	2.697	29.315	0.439	32.402	
22/11/2025 02:05:00	75.911	7.641	119.328	2.695	29.279	0.437	32.383	
22/11/2025 02:10:00	72.558	7.643	130.294	2.689	29.297	0.434	32.357	
22/11/2025 02:15:00	11.843	7.637	144.870	2.817	30.137	0.436	32.356	
22/11/2025 02:20:00	11.833	7.636	156.999	2.742	29.519	0.433	32.344	
22/11/2025 02:25:00	11.781	7.633	163.659	2.695	29.273	0.444	32.319	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
22/11/2025 02:30:00	11.847	7.632	166.647	2.683	29.195	0.451	32.308	
22/11/2025 02:35:00	11.787	7.631	170.804	2.691	29.285	0.438	32.306	
22/11/2025 02:40:00	11.771	7.629	174.337	2.685	29.303	0.438	32.306	
22/11/2025 02:45:00	11.817	7.628	175.790	2.668	29.099	0.436	32.306	
22/11/2025 02:50:00	11.830	7.629	178.437	2.683	29.195	0.438	32.306	
22/11/2025 02:55:00	11.807	7.631	180.207	2.691	29.291	0.433	32.306	
22/11/2025 03:00:00	11.847	7.631	180.527	2.693	29.285	0.430	32.306	
22/11/2025 03:05:00	11.827	7.629	182.532	2.683	29.177	0.437	32.306	
22/11/2025 03:10:00	11.827	7.629	182.301	2.685	29.195	0.434	32.305	
22/11/2025 03:15:00	11.810	7.628	180.575	2.841	30.167	0.427	32.289	
22/11/2025 03:20:00	11.830	7.623	177.365	2.769	29.735	0.432	32.265	
22/11/2025 03:25:00	11.827	7.626	173.264	2.736	29.531	0.434	32.249	
22/11/2025 03:30:00	11.807	7.629	167.743	2.713	29.447	0.440	32.235	
22/11/2025 03:35:00	11.827	7.629	160.421	2.705	29.435	0.436	32.225	
22/11/2025 03:40:00	11.847	7.630	153.041	2.707	29.321	0.440	32.211	
22/11/2025 03:45:00	11.860	7.629	141.221	2.691	29.333	0.438	32.208	
22/11/2025 03:50:00	23.684	7.630	129.267	2.697	29.345	0.432	32.206	
22/11/2025 03:55:00	11.817	7.632	114.412	2.705	29.447	0.427	32.206	
22/11/2025 04:00:00	11.824	7.632	99.700	2.720	29.441	0.440	32.206	
22/11/2025 04:05:00	11.801	7.632	86.898	2.720	29.459	0.436	32.206	
22/11/2025 04:10:00	11.787	7.631	73.872	2.707	29.465	0.435	32.206	
22/11/2025 04:15:00	11.827	7.640	5.636	3.636	35.034	0.431	32.306	
22/11/2025 04:20:00	11.856	7.643	5.641	3.848	36.336	0.431	32.206	
22/11/2025 04:25:00	11.847	7.644	5.629	3.906	36.666	0.433	32.306	
22/11/2025 04:35:00	11.771	7.628	19.876	3.406	33.660	0.437	32.506	
22/11/2025 04:40:00	11.824	7.624	12.036	3.285	32.916	0.447	32.506	
22/11/2025 04:45:00	67.646	7.621	10.217	3.152	32.160	0.436	32.506	
22/11/2025 04:50:00	83.138	7.617	9.504	3.144	32.064	0.440	32.506	
22/11/2025 04:55:00	83.319	7.614	8.898	3.079	31.637	0.446	32.506	
22/11/2025 05:00:00	74.110	7.615	8.598	2.965	31.007	0.449	32.506	
22/11/2025 05:05:00	75.445	7.613	8.312	3.006	31.187	0.437	32.506	
22/11/2025 05:10:00	90.501	7.617	8.118	3.008	31.211	0.449	32.505	
22/11/2025 05:15:00	54.674	7.618	7.958	3.000	31.211	0.436	32.505	
22/11/2025 05:20:00	65.593	7.618	8.046	3.244	32.592	0.445	32.482	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
22/11/2025 05:25:00	66.465	7.613	7.851	3.101	31.878	0.459	32.442	
22/11/2025 05:30:00	74.477	7.615	7.791	3.045	31.415	0.436	32.424	
22/11/2025 05:35:00	56.876	7.614	7.773	3.014	31.337	0.446	32.410	
22/11/2025 05:40:00	68.309	7.619	7.620	3.008	31.235	0.450	32.406	
22/11/2025 05:45:00	71.639	7.620	7.632	3.015	31.337	0.419	32.406	
22/11/2025 05:50:00	66.328	7.622	7.488	2.996	31.121	0.437	32.406	
22/11/2025 05:55:00	73.828	7.620	7.442	3.008	31.217	0.446	32.406	
22/11/2025 06:00:00	66.183	7.622	7.439	3.000	31.217	0.437	32.405	
22/11/2025 06:05:00	61.787	7.624	7.562	3.009	31.229	0.443	32.400	
22/11/2025 06:10:00	84.316	7.628	7.532	3.024	31.325	0.439	32.388	
22/11/2025 06:15:00	79.507	7.628	7.446	3.031	31.355	0.442	32.371	
22/11/2025 06:20:00	85.579	7.630	7.400	3.465	34.026	0.441	32.365	
22/11/2025 06:25:00	11.830	7.629	7.398	3.066	31.559	0.437	32.356	
22/11/2025 06:30:00	11.820	7.627	7.325	3.043	31.457	0.445	32.356	
22/11/2025 06:35:00	11.843	7.628	7.433	3.044	31.445	0.437	32.355	
22/11/2025 06:40:00	11.853	7.635	7.241	3.044	31.445	0.440	32.354	
22/11/2025 06:45:00	11.810	7.636	7.319	3.051	31.553	0.439	32.351	
22/11/2025 06:50:00	11.843	7.636	7.518	3.200	32.412	0.440	32.340	
22/11/2025 06:55:00	11.791	7.634	7.254	3.078	31.619	0.440	32.325	
22/11/2025 07:00:00	11.764	7.633	7.368	3.070	31.613	0.441	32.320	
22/11/2025 07:05:00	11.781	7.641	7.185	3.083	31.685	0.467	32.316	
22/11/2025 07:10:00	11.817	7.642	7.316	3.091	31.697	0.428	32.315	
22/11/2025 07:15:00	11.824	7.642	7.181	3.070	31.601	0.435	32.310	
22/11/2025 07:20:00	11.801	7.643	7.151	3.055	31.475	0.435	32.309	
22/11/2025 07:25:00	11.840	7.643	7.125	2.888	30.521	0.441	32.307	
22/11/2025 07:30:00	11.758	7.648	7.151	2.980	31.013	0.451	32.306	
22/11/2025 07:35:00	11.778	7.644	7.028	3.015	31.205	0.445	32.307	
22/11/2025 07:40:00	11.735	7.646	7.119	3.014	31.229	0.434	32.306	
22/11/2025 07:45:00	11.781	7.649	6.977	3.026	31.259	0.443	32.307	
22/11/2025 07:50:00	11.732	7.649	6.943	3.046	31.391	0.445	32.308	
22/11/2025 07:55:00	11.732	7.648	6.830	3.188	32.250	0.434	32.306	
22/11/2025 08:00:00	11.666	7.645	6.964	3.110	31.793	0.435	32.307	
22/11/2025 08:05:00	11.732	7.646	6.763	3.071	31.547	0.427	32.309	
22/11/2025 08:10:00	11.689	7.647	6.719	3.078	31.499	0.441	32.313	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
22/11/2025 08:15:00	11.705	7.664	181.398	4.981	42.920	0.444	32.328	
22/11/2025 08:20:00	11.709	7.685	182.415	4.630	40.849	0.447	32.306	
22/11/2025 08:25:00	11.686	7.678	161.748	4.806	41.803	0.446	32.314	
22/11/2025 08:30:00	11.692	7.661	30.350	4.206	38.275	0.442	32.406	
22/11/2025 08:35:00	11.627	7.649	11.462	3.964	36.792	0.446	32.406	
22/11/2025 08:40:00	11.643	7.640	9.453	3.835	36.042	0.445	32.410	
22/11/2025 08:45:00	261.854	7.639	8.462	3.744	35.484	0.441	32.415	
22/11/2025 08:50:00	227.602	7.635	7.919	3.629	34.728	0.439	32.418	
22/11/2025 08:55:00	155.142	7.631	7.790	3.535	34.194	0.447	32.450	
22/11/2025 09:00:00	191.280	7.633	7.575	3.408	33.438	0.440	32.431	
22/11/2025 09:05:00	193.574	7.631	7.427	3.358	33.096	0.439	32.447	
22/11/2025 09:10:00	100.871	7.634	7.340	3.364	33.228	0.431	32.463	
22/11/2025 09:15:00	60.612	7.639	7.078	3.372	33.252	0.439	32.477	
22/11/2025 09:20:00	69.428	7.636	7.176	3.342	33.042	0.440	32.481	
22/11/2025 09:25:00	63.828	7.638	7.221	3.342	33.024	0.433	32.479	
22/11/2025 09:30:00	66.784	7.640	7.051	3.496	34.044	0.438	32.468	
22/11/2025 09:35:00	66.226	7.641	6.977	3.407	33.456	0.439	32.465	
22/11/2025 09:40:00	111.514	7.642	6.940	3.364	33.138	0.439	32.467	
22/11/2025 09:45:00	95.149	7.644	6.884	3.356	33.114	0.452	32.471	
22/11/2025 09:50:00	100.484	7.644	6.763	3.363	33.114	0.436	32.468	
22/11/2025 09:55:00	11.630	7.641	6.772	3.370	33.216	0.448	32.468	
22/11/2025 10:00:00	11.614	7.642	6.865	3.764	35.598	0.432	32.451	
22/11/2025 10:05:00	11.666	7.640	6.839	3.576	34.494	0.434	32.485	
22/11/2025 10:10:00	11.617	7.639	6.797	3.504	34.068	0.435	32.504	
22/11/2025 10:15:00	11.587	7.640	6.728	3.457	33.732	0.436	32.506	
22/11/2025 10:20:00	11.587	7.639	6.815	3.430	33.594	0.436	32.506	
22/11/2025 10:25:00	11.594	7.639	6.533	3.444	33.618	0.432	32.506	
22/11/2025 10:30:00	11.604	7.638	6.358	3.456	33.666	0.439	32.506	
22/11/2025 10:35:00	11.571	7.638	6.412	3.455	33.666	0.438	32.506	
22/11/2025 10:40:00	11.518	7.637	6.332	3.462	33.660	0.432	32.506	
22/11/2025 10:45:00	11.538	7.636	6.379	3.448	33.636	0.437	32.506	
22/11/2025 10:50:00	11.591	7.635	6.424	3.454	33.648	0.436	32.506	
22/11/2025 10:55:00	11.548	7.638	6.388	3.460	33.732	0.446	32.506	
22/11/2025 11:00:00	11.564	7.637	6.398	3.871	36.216	0.428	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
22/11/2025 11:05:00	11.535	7.637	6.416	3.708	35.232	0.432	32.506	
22/11/2025 11:10:00	11.528	7.641	6.152	3.616	34.542	0.435	32.506	
22/11/2025 11:15:00	11.538	7.645	6.134	3.550	34.218	0.435	32.506	
22/11/2025 11:25:00	11.492	7.651	6.130	3.505	33.930	0.431	32.506	
22/11/2025 11:30:00	11.499	7.651	6.031	3.954	36.630	0.452	32.506	
22/11/2025 11:35:00	11.446	7.642	6.116	3.748	35.376	0.448	32.506	
22/11/2025 11:40:00	11.564	7.641	6.097	3.628	34.632	0.435	32.506	
22/11/2025 11:45:00	11.512	7.636	6.257	3.576	34.326	0.445	32.506	
22/11/2025 11:50:00	11.509	7.639	6.232	3.690	35.034	0.251	32.506	
22/11/2025 11:55:00	11.512	7.640	6.286	3.648	34.728	0.417	32.506	
22/11/2025 12:00:00	11.499	7.643	6.322	4.409	39.355	0.426	32.506	
22/11/2025 12:05:00	11.522	7.643	6.244	3.589	34.434	0.427	32.506	
22/11/2025 12:10:00	11.522	7.642	6.248	3.584	34.452	0.430	32.506	
22/11/2025 12:15:00	11.548	7.657	196.823	5.267	44.408	0.433	32.496	
22/11/2025 12:20:00	11.528	7.709	192.499	5.221	44.192	0.433	32.506	
22/11/2025 12:25:00	11.541	7.701	163.948	5.086	43.334	0.431	32.506	
22/11/2025 12:30:00	11.535	7.688	133.781	4.575	40.231	0.436	32.506	
22/11/2025 12:35:00	11.502	7.671	16.546	4.957	42.626	0.430	32.506	
22/11/2025 12:40:00	11.450	7.661	9.900	4.650	40.813	0.420	32.506	
22/11/2025 12:45:00	94.966	7.655	8.570	4.409	39.307	0.421	32.506	
22/11/2025 12:50:00	94.684	7.653	7.941	4.125	37.591	0.432	32.506	
22/11/2025 12:55:00	93.877	7.651	7.434	3.953	36.624	0.447	32.506	
22/11/2025 13:00:00	83.168	7.652	7.263	3.838	35.844	0.417	32.506	
22/11/2025 13:05:00	111.314	7.652	7.015	3.595	34.506	0.425	32.506	
22/11/2025 13:10:00	98.699	7.649	6.857	3.547	34.152	0.441	32.506	
22/11/2025 13:15:00	93.289	7.649	6.863	3.502	33.816	0.432	32.506	
22/11/2025 13:20:00	91.997	7.650	6.629	3.482	33.744	0.427	32.506	
22/11/2025 13:25:00	93.214	7.646	6.713	3.433	33.420	0.436	32.506	
22/11/2025 13:30:00	91.065	7.649	6.539	3.424	33.420	0.421	32.506	
22/11/2025 13:35:00	88.657	7.653	6.469	3.603	34.476	0.432	32.506	
22/11/2025 13:40:00	88.381	7.655	6.557	3.506	33.870	0.420	32.506	
22/11/2025 13:45:00	90.524	7.655	6.532	3.462	33.648	0.426	32.506	
22/11/2025 13:50:00	89.342	7.656	6.469	3.426	33.390	0.422	32.506	
22/11/2025 13:55:00	80.858	7.656	6.473	3.426	33.444	0.431	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
22/11/2025 14:00:00	83.834	7.657	6.541	3.412	33.318	0.426	32.506	
22/11/2025 14:05:00	11.473	7.656	6.602	3.939	36.552	0.435	32.506	
22/11/2025 14:10:00	11.440	7.657	6.442	3.682	34.974	0.421	32.506	
22/11/2025 14:15:00	11.450	7.655	6.488	3.539	34.194	0.429	32.506	
22/11/2025 14:20:00	11.486	7.657	6.407	3.490	33.852	0.432	32.506	
22/11/2025 14:25:00	11.489	7.656	6.479	3.453	33.540	0.419	32.506	
22/11/2025 14:30:00	11.450	7.657	6.437	3.433	33.438	0.430	32.506	
22/11/2025 14:35:00	11.518	7.656	6.553	3.598	34.542	0.427	32.506	
22/11/2025 14:40:00	11.476	7.658	6.488	3.336	32.940	0.427	32.506	
22/11/2025 14:45:00	11.515	7.662	6.551	3.373	33.144	0.429	32.506	
22/11/2025 14:50:00	11.463	7.663	6.463	3.409	33.384	0.425	32.506	
22/11/2025 14:55:00	11.541	7.664	6.428	3.422	33.480	0.427	32.506	
22/11/2025 15:00:00	11.515	7.663	6.464	3.416	33.396	0.417	32.506	
22/11/2025 15:05:00	11.502	7.658	6.592	3.422	33.468	0.428	32.506	
22/11/2025 15:10:00	11.515	7.654	6.607	3.442	33.582	0.430	32.506	
22/11/2025 15:15:00	11.486	7.655	14.766	3.429	33.480	0.418	32.506	
22/11/2025 15:20:00	11.532	7.656	28.910	3.400	33.258	0.425	32.506	
22/11/2025 15:25:00	11.522	7.655	44.242	3.393	33.252	0.424	32.506	
22/11/2025 15:30:00	11.558	7.653	62.423	3.386	33.258	0.428	32.506	
22/11/2025 15:35:00	11.528	7.656	80.354	3.408	33.354	0.426	32.506	
22/11/2025 15:40:00	11.548	7.659	98.564	3.472	33.666	0.424	32.495	
22/11/2025 15:45:00	11.505	7.662	117.731	3.480	33.756	0.427	32.406	
22/11/2025 15:50:00	11.558	7.669	136.415	3.494	33.882	0.425	32.406	
22/11/2025 15:55:00	11.555	7.672	157.503	3.494	33.774	0.423	32.406	
22/11/2025 16:00:00	11.597	7.674	176.673	3.521	33.948	0.425	32.380	
22/11/2025 16:05:00	11.538	7.674	197.697	3.580	34.302	0.426	32.356	
22/11/2025 16:10:00	11.548	7.681	223.641	3.574	34.284	0.424	32.345	
22/11/2025 16:15:00	11.577	7.691	276.270	4.172	37.909	0.421	32.406	
22/11/2025 16:20:00	11.614	7.693	276.283	5.095	43.370	0.442	32.406	
22/11/2025 16:25:00	11.551	7.682	276.304	5.074	43.280	0.421	32.473	
22/11/2025 16:30:00	11.581	7.675	218.477	5.036	43.082	0.426	32.506	
22/11/2025 16:35:00	11.584	7.664	276.357	4.831	41.899	0.444	32.506	
22/11/2025 16:40:00	11.577	7.659	276.354	4.877	42.145	0.438	32.506	
22/11/2025 16:45:00	11.561	7.651	276.364	4.162	37.879	0.402	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
22/11/2025 16:50:00	11.627	7.650	276.355	3.679	35.010	0.428	32.506	
22/11/2025 16:55:00	11.614	7.651	276.367	3.772	35.526	0.424	32.506	
22/11/2025 17:00:00	11.617	7.645	276.375	3.764	35.418	0.435	32.506	
22/11/2025 17:05:00	11.617	7.642	276.390	3.751	35.436	0.428	32.506	
22/11/2025 17:10:00	11.637	7.646	276.403	3.780	35.556	0.439	32.506	
22/11/2025 17:15:00	11.646	7.642	276.414	3.960	36.654	0.437	32.506	
22/11/2025 17:20:00	11.656	7.651	276.429	3.904	36.330	0.426	32.506	
22/11/2025 17:25:00	11.577	7.648	276.444	3.910	36.468	0.428	32.506	
22/11/2025 17:30:00	11.676	7.652	276.444	3.904	36.342	0.406	32.501	
22/11/2025 17:35:00	11.623	7.654	276.475	3.912	36.438	0.415	32.484	
22/11/2025 17:40:00	11.666	7.659	276.469	3.970	36.714	0.417	32.442	
22/11/2025 17:45:00	78.339	7.661	276.487	3.971	36.702	0.428	32.415	
22/11/2025 17:50:00	66.649	7.661	276.489	3.964	36.690	0.421	32.414	
22/11/2025 17:55:00	70.097	7.663	276.490	3.950	36.588	0.450	32.415	
22/11/2025 18:00:00	75.058	7.665	276.507	3.956	36.708	0.411	32.406	
22/11/2025 18:05:00	70.107	7.668	276.499	3.979	36.810	0.436	32.406	
22/11/2025 18:10:00	64.320	7.669	276.519	4.015	37.044	0.413	32.406	
22/11/2025 18:15:00	69.067	7.663	276.531	4.701	41.107	0.420	32.406	
22/11/2025 18:20:00	74.700	7.662	276.532	4.444	39.601	0.425	32.405	
22/11/2025 18:25:00	62.991	7.665	264.997	4.274	38.659	0.426	32.399	
22/11/2025 18:30:00	63.185	7.665	251.355	4.204	38.167	0.405	32.387	
22/11/2025 18:35:00	81.009	7.667	235.602	4.181	38.035	0.420	32.369	
22/11/2025 18:40:00	86.928	7.668	221.226	4.195	38.149	0.419	32.360	
22/11/2025 18:45:00	60.261	7.670	208.763	4.032	37.195	0.418	32.356	
22/11/2025 18:50:00	73.988	7.670	195.183	4.110	37.627	0.421	32.356	
22/11/2025 18:55:00	83.007	7.673	182.743	4.188	38.185	0.422	32.356	
22/11/2025 19:00:00	78.483	7.674	170.362	4.218	38.287	0.429	32.355	
22/11/2025 19:05:00	81.062	7.675	154.336	4.204	38.305	0.439	32.353	
22/11/2025 19:10:00	88.611	7.675	134.428	4.226	38.425	0.415	32.352	
22/11/2025 19:15:00	64.074	7.675	114.191	4.903	42.380	0.414	32.352	
22/11/2025 19:20:00	58.847	7.674	97.583	4.618	40.813	0.421	32.344	
22/11/2025 19:25:00	11.689	7.674	82.044	3.558	34.392	0.417	32.345	
22/11/2025 19:30:00	11.728	7.674	65.610	3.563	34.386	0.418	32.350	
22/11/2025 19:35:00	11.689	7.678	54.528	3.599	34.704	0.413	32.350	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
22/11/2025 19:40:00	11.705	7.678	44.381	3.614	34.716	0.417	32.352	
22/11/2025 19:45:00	11.719	7.682	34.329	3.983	36.978	0.416	32.350	
22/11/2025 19:50:00	11.696	7.681	23.311	4.083	37.507	0.419	32.345	
22/11/2025 19:55:00	11.712	7.683	13.169	3.877	36.336	0.416	32.351	
22/11/2025 20:00:00	11.709	7.682	8.231	3.763	35.616	0.417	32.349	
22/11/2025 20:05:00	11.728	7.684	7.460	3.721	35.406	0.419	32.347	
22/11/2025 20:10:00	11.676	7.684	7.431	3.702	35.304	0.416	32.350	
22/11/2025 20:15:00	11.758	7.703	276.631	5.288	44.774	0.417	32.340	
22/11/2025 20:20:00	11.778	7.739	276.660	5.215	44.348	0.422	32.304	
22/11/2025 20:25:00	11.725	7.752	276.661	5.451	45.722	0.417	32.306	
22/11/2025 20:30:00	11.715	7.732	22.847	5.093	43.664	0.417	32.306	
22/11/2025 20:35:00	11.751	7.724	11.735	5.112	43.778	0.416	32.306	
22/11/2025 20:40:00	11.771	7.715	9.858	5.283	44.756	0.415	32.306	
22/11/2025 20:45:00	11.715	7.713	9.132	5.047	43.436	0.411	32.306	
22/11/2025 20:50:00	61.095	7.709	8.744	4.839	42.091	0.412	32.306	
22/11/2025 20:55:00	61.915	7.707	8.447	4.626	40.915	0.411	32.306	
22/11/2025 21:00:00	69.031	7.706	8.100	4.430	39.619	0.412	32.306	
22/11/2025 21:05:00	70.461	7.706	7.860	4.334	39.121	0.412	32.306	
22/11/2025 21:10:00	70.790	7.706	7.829	4.248	38.617	0.411	32.306	
22/11/2025 21:15:00	65.340	7.708	7.590	4.191	38.251	0.409	32.306	
22/11/2025 21:20:00	66.016	7.707	7.497	3.943	36.762	0.410	32.306	
22/11/2025 21:25:00	79.612	7.706	7.511	4.406	39.565	0.410	32.306	
22/11/2025 21:30:00	93.552	7.707	7.412	4.265	38.707	0.412	32.306	
22/11/2025 21:35:00	100.592	7.707	7.418	4.207	38.383	0.411	32.306	
22/11/2025 21:40:00	84.638	7.707	7.521	4.179	38.167	0.410	32.306	
22/11/2025 21:45:00	94.884	7.705	7.404	4.195	38.209	0.409	32.306	
22/11/2025 21:50:00	58.910	7.704	7.571	4.461	39.889	0.409	32.306	
22/11/2025 21:55:00	66.869	7.706	7.589	4.363	39.331	0.410	32.306	
22/11/2025 22:00:00	59.221	7.708	7.557	4.322	39.019	0.405	32.306	
22/11/2025 22:05:00	54.914	7.710	7.656	4.279	38.821	0.409	32.306	
22/11/2025 22:10:00	69.828	7.711	7.481	4.278	38.809	0.415	32.306	
22/11/2025 22:15:00	70.422	7.711	7.506	4.322	39.049	0.414	32.306	
22/11/2025 22:20:00	68.939	7.714	7.628	5.042	43.412	0.416	32.306	
22/11/2025 22:25:00	63.372	7.710	7.373	4.243	38.605	0.414	32.304	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
22/11/2025 22:30:00	63.290	7.715	7.473	4.293	38.929	0.413	32.303	
22/11/2025 22:35:00	11.771	7.716	7.493	4.335	39.145	0.408	32.297	
22/11/2025 22:40:00	11.774	7.717	7.299	4.363	39.343	0.408	32.287	
22/11/2025 22:45:00	11.791	7.717	7.341	4.398	39.553	0.410	32.269	
22/11/2025 22:50:00	11.745	7.720	7.112	4.419	39.649	0.407	32.264	
22/11/2025 22:55:00	11.797	7.717	7.054	4.698	41.359	0.406	32.250	
22/11/2025 23:00:00	11.794	7.718	6.917	4.576	40.627	0.407	32.244	
22/11/2025 23:05:00	11.787	7.720	7.127	4.527	40.333	0.407	32.238	
22/11/2025 23:10:00	11.732	7.723	7.130	4.535	40.297	0.407	32.230	
22/11/2025 23:15:00	11.833	7.724	7.230	4.520	40.297	0.409	32.222	
22/11/2025 23:20:00	11.791	7.728	7.190	4.557	40.513	0.410	32.216	
22/11/2025 23:25:00	11.778	7.724	7.190	4.820	42.019	0.407	32.208	
22/11/2025 23:30:00	11.784	7.728	7.191	4.671	41.185	0.407	32.207	
22/11/2025 23:35:00	11.745	7.729	7.188	4.606	40.747	0.406	32.206	
22/11/2025 23:40:00	11.791	7.730	7.108	4.599	40.783	0.406	32.206	
22/11/2025 23:45:00	11.804	7.734	7.000	4.600	40.765	0.410	32.206	
22/11/2025 23:50:00	11.778	7.738	7.100	4.579	40.645	0.205	32.206	
22/11/2025 23:55:00	11.814	7.738	7.129	4.978	43.004	0.387	32.206	
23/11/2025 00:00:00	11.771	7.738	7.103	4.778	41.815	0.397	32.206	
23/11/2025 00:05:00	11.801	7.740	7.121	4.657	41.107	0.396	32.206	
23/11/2025 00:10:00	11.751	7.743	7.148	4.666	41.215	0.405	32.206	
23/11/2025 00:15:00	11.886	7.761	276.756	6.774	53.758	0.408	32.207	
23/11/2025 00:20:00	11.784	7.826	276.757	6.642	52.966	0.409	32.106	
23/11/2025 00:25:00	11.856	7.794	276.759	6.713	53.398	0.406	32.143	
23/11/2025 00:30:00	11.807	7.773	32.031	6.817	54.028	0.405	32.206	
23/11/2025 00:35:00	11.758	7.758	12.867	6.422	51.687	0.406	32.206	
23/11/2025 00:40:00	11.830	7.748	10.413	6.221	50.499	0.406	32.206	
23/11/2025 00:45:00	60.757	7.744	9.453	6.292	50.967	0.403	32.206	
23/11/2025 00:50:00	56.042	7.740	8.982	6.100	49.767	0.403	32.206	
23/11/2025 00:55:00	58.480	7.740	8.688	5.266	44.708	0.405	32.206	
23/11/2025 01:00:00	62.945	7.735	8.285	5.223	44.516	0.407	32.206	
23/11/2025 01:05:00	61.200	7.738	9.974	5.239	44.642	0.406	32.206	
23/11/2025 01:10:00	65.688	7.739	16.026	5.195	44.330	0.405	32.206	
23/11/2025 01:15:00	101.468	7.739	23.770	5.179	44.396	0.407	32.206	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
23/11/2025 01:20:00	95.523	7.738	32.461	5.203	44.300	0.406	32.206	
23/11/2025 01:25:00	104.962	7.738	44.582	5.168	44.186	0.406	32.206	
23/11/2025 01:30:00	101.931	7.739	57.646	5.604	46.760	0.407	32.201	
23/11/2025 01:35:00	95.458	7.738	70.990	5.445	45.830	0.410	32.183	
23/11/2025 01:40:00	109.385	7.738	84.452	5.318	45.056	0.407	32.161	
23/11/2025 01:45:00	79.300	7.739	97.300	5.246	44.606	0.404	32.156	
23/11/2025 01:50:00	67.729	7.741	109.204	5.239	44.636	0.405	32.155	
23/11/2025 01:55:00	66.823	7.740	119.324	5.265	44.720	0.402	32.139	
23/11/2025 02:00:00	68.759	7.738	132.856	4.977	43.016	0.403	32.108	
23/11/2025 02:05:00	66.803	7.738	146.320	5.135	43.964	0.406	32.108	
23/11/2025 02:10:00	73.782	7.738	156.624	6.603	52.731	0.406	32.106	
23/11/2025 02:15:00	78.988	7.739	168.225	5.955	48.873	0.409	32.106	
23/11/2025 02:20:00	11.764	7.740	180.392	5.647	47.090	0.405	32.106	
23/11/2025 02:25:00	11.837	7.739	192.749	5.517	46.196	0.401	32.106	
23/11/2025 02:30:00	11.843	7.742	203.116	5.277	44.840	0.400	32.106	
23/11/2025 02:35:00	11.837	7.738	210.949	5.367	45.368	0.400	32.106	
23/11/2025 02:40:00	11.843	7.739	217.310	5.426	45.686	0.399	32.106	
23/11/2025 02:45:00	11.824	7.740	225.613	5.503	46.178	0.399	32.106	
23/11/2025 02:50:00	11.869	7.740	232.568	5.519	46.202	0.400	32.106	
23/11/2025 02:55:00	11.853	7.740	239.067	5.526	46.328	0.398	32.106	
23/11/2025 03:00:00	11.807	7.744	240.694	5.270	44.702	0.404	32.106	
23/11/2025 03:05:00	11.827	7.745	245.560	5.405	45.578	0.399	32.106	
23/11/2025 03:10:00	11.843	7.745	246.841	5.491	46.106	0.398	32.106	
23/11/2025 03:15:00	11.860	7.747	241.963	5.525	46.304	0.400	32.106	
23/11/2025 03:20:00	11.869	7.748	234.930	5.634	46.994	0.398	32.106	
23/11/2025 03:25:00	11.843	7.749	229.531	5.669	47.162	0.399	32.106	
23/11/2025 03:30:00	11.866	7.749	224.883	7.645	59.051	0.399	32.106	
23/11/2025 03:35:00	11.820	7.752	216.143	6.288	50.829	0.399	32.104	
23/11/2025 03:40:00	11.817	7.754	207.796	4.732	41.509	0.399	32.097	
23/11/2025 03:45:00	11.863	7.755	198.648	4.597	40.747	0.397	32.072	
23/11/2025 03:50:00	11.824	7.757	189.484	4.497	40.105	0.400	32.044	
23/11/2025 03:55:00	11.853	7.758	180.878	4.472	39.937	0.396	32.021	
23/11/2025 04:00:00	11.883	7.760	172.828	4.513	40.303	0.396	32.008	
23/11/2025 04:05:00	11.860	7.762	165.246	4.426	39.769	0.395	32.007	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
23/11/2025 04:10:00	11.827	7.762	154.913	4.478	40.027	0.395	32.007	
23/11/2025 04:15:00	11.824	7.778	90.498	6.369	51.357	0.398	32.106	
23/11/2025 04:20:00	11.807	7.814	90.475	6.689	53.302	0.397	32.007	
23/11/2025 04:25:00	11.817	7.806	90.472	6.718	53.518	0.395	32.074	
23/11/2025 04:30:00	11.748	7.796	5.636	6.796	53.980	0.396	32.106	
23/11/2025 04:35:00	11.860	7.784	100.360	6.091	49.707	0.394	32.106	
23/11/2025 04:40:00	11.840	7.779	70.890	6.155	50.127	0.393	32.106	
23/11/2025 04:45:00	59.920	7.776	51.552	6.169	50.235	0.392	32.106	
23/11/2025 04:50:00	71.341	7.774	37.099	5.293	44.900	0.393	32.106	
23/11/2025 04:55:00	60.189	7.775	22.945	5.107	43.838	0.391	32.106	
23/11/2025 05:00:00	57.072	7.770	11.589	5.078	43.634	0.394	32.106	
23/11/2025 05:05:00	63.309	7.768	8.955	4.707	41.461	0.391	32.106	
23/11/2025 05:10:00	67.217	7.769	8.784	4.798	42.001	0.391	32.106	
23/11/2025 05:15:00	62.515	7.769	8.574	4.801	42.013	0.391	32.106	
23/11/2025 05:20:00	60.967	7.769	8.340	4.742	41.695	0.390	32.106	
23/11/2025 05:25:00	67.440	7.770	8.348	4.779	41.911	0.392	32.106	
23/11/2025 05:30:00	62.253	7.769	8.102	4.807	42.001	0.387	32.106	
23/11/2025 05:35:00	74.559	7.771	7.907	5.855	48.309	0.397	32.106	
23/11/2025 05:40:00	52.374	7.767	8.022	4.956	42.974	0.394	32.106	
23/11/2025 05:45:00	57.177	7.764	8.003	5.028	43.394	0.388	32.106	
23/11/2025 05:50:00	57.738	7.769	7.935	5.158	44.162	0.389	32.106	
23/11/2025 05:55:00	50.596	7.770	7.719	5.158	44.132	0.392	32.106	
23/11/2025 06:05:00	56.964	7.775	8.142	6.799	54.004	0.400	32.106	
23/11/2025 06:10:00	62.624	7.774	7.715	4.935	42.872	0.388	32.104	
23/11/2025 06:15:00	57.263	7.775	7.794	4.985	43.094	0.388	32.103	
23/11/2025 06:20:00	61.101	7.778	7.700	4.949	42.824	0.389	32.097	
23/11/2025 06:25:00	60.192	7.779	7.743	4.856	42.349	0.390	32.091	
23/11/2025 06:30:00	11.824	7.782	7.623	4.914	42.656	0.390	32.084	
23/11/2025 06:35:00	11.794	7.783	7.644	4.889	42.542	0.390	32.071	
23/11/2025 06:40:00	11.833	7.782	7.571	4.248	38.677	0.393	32.051	
23/11/2025 06:45:00	11.771	7.783	7.568	4.304	39.001	0.389	32.027	
23/11/2025 06:50:00	11.804	7.784	7.653	4.326	39.115	0.386	32.021	
23/11/2025 06:55:00	11.778	7.784	7.527	4.332	39.193	0.387	32.016	
23/11/2025 07:00:00	11.748	7.786	7.545	4.353	39.283	0.386	32.016	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
23/11/2025 07:05:00	11.778	7.789	7.425	4.381	39.499	0.389	32.012	
23/11/2025 07:10:00	11.791	7.790	7.538	4.580	40.669	0.395	32.008	
23/11/2025 07:15:00	11.742	7.788	7.500	4.448	39.895	0.387	32.010	
23/11/2025 07:20:00	11.774	7.789	7.338	4.442	39.757	0.391	32.010	
23/11/2025 07:25:00	11.702	7.787	7.419	4.424	39.745	0.391	32.012	
23/11/2025 07:30:00	11.709	7.787	7.328	4.430	39.727	0.390	32.012	
23/11/2025 07:35:00	11.689	7.788	7.278	4.457	39.787	0.387	32.010	
23/11/2025 07:40:00	11.696	7.784	7.145	4.391	39.433	0.388	32.009	
23/11/2025 07:45:00	11.673	7.783	7.043	4.452	39.715	0.390	32.008	
23/11/2025 07:50:00	11.679	7.782	7.094	4.487	39.901	0.395	32.010	
23/11/2025 07:55:00	11.650	7.784	7.160	4.500	39.991	0.387	32.015	
23/11/2025 08:00:00	11.627	7.785	7.103	4.483	39.865	0.390	32.024	
23/11/2025 08:05:00	11.584	7.786	6.944	4.486	39.961	0.384	32.050	
23/11/2025 08:10:00	11.620	7.785	7.001	5.040	43.226	0.389	32.099	
23/11/2025 08:15:00	11.623	7.819	190.483	5.895	48.273	0.385	32.102	
23/11/2025 08:20:00	11.571	7.856	180.570	6.134	49.731	0.386	31.958	
23/11/2025 08:25:00	11.551	7.842	162.237	5.820	47.775	0.384	32.007	
23/11/2025 08:30:00	11.453	7.807	33.253	5.638	46.718	0.381	32.106	
23/11/2025 08:35:00	11.518	7.786	11.961	4.832	41.941	0.381	32.106	
23/11/2025 08:40:00	25.541	7.775	9.483	5.822	47.901	0.369	32.106	
23/11/2025 08:45:00	64.149	7.770	8.693	4.476	39.763	0.380	32.106	
23/11/2025 08:50:00	64.202	7.763	7.982	4.868	42.103	0.374	32.106	
23/11/2025 08:55:00	88.335	7.763	7.815	4.902	42.314	0.384	32.106	
23/11/2025 09:00:00	92.905	7.762	7.461	4.866	42.085	0.378	32.106	
23/11/2025 09:05:00	87.627	7.761	7.290	4.481	39.745	0.379	32.106	
23/11/2025 09:10:00	97.522	7.763	7.057	4.458	39.619	0.376	32.106	
23/11/2025 09:15:00	98.778	7.756	7.172	4.465	39.613	0.389	32.106	
23/11/2025 09:20:00	99.382	7.756	7.027	4.272	38.527	0.382	32.106	
23/11/2025 09:25:00	70.087	7.754	7.052	4.236	38.305	0.379	32.107	
23/11/2025 09:30:00	70.665	7.756	6.856	4.229	38.179	0.384	32.108	
23/11/2025 09:35:00	68.260	7.755	6.677	4.225	38.167	0.380	32.116	
23/11/2025 09:40:00	66.318	7.754	6.607	4.182	37.933	0.375	32.154	
23/11/2025 09:45:00	70.622	7.752	6.757	4.188	37.915	0.378	32.156	
23/11/2025 09:50:00	69.963	7.756	6.664	4.613	40.459	0.373	32.190	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
23/11/2025 09:55:00	77.318	7.752	6.596	4.319	38.743	0.370	32.206	
23/11/2025 10:00:00	111.324	7.750	6.277	4.147	37.639	0.380	32.206	
23/11/2025 10:05:00	92.686	7.750	6.286	4.074	37.159	0.379	32.206	
23/11/2025 10:10:00	89.221	7.752	6.092	4.839	41.713	0.376	32.209	
23/11/2025 10:15:00	87.820	7.749	6.112	3.714	34.932	0.378	32.257	
23/11/2025 10:20:00	11.243	7.746	6.016	3.071	31.091	0.380	32.257	
23/11/2025 10:25:00	11.269	7.742	5.974	3.027	30.857	0.377	32.303	
23/11/2025 10:30:00	11.263	7.740	5.981	3.019	30.755	0.374	32.305	
23/11/2025 10:35:00	11.282	7.742	5.902	3.025	30.839	0.377	32.306	
23/11/2025 10:40:00	11.279	7.744	5.983	3.039	30.845	0.376	32.306	
23/11/2025 10:45:00	11.279	7.743	5.956	3.380	32.958	0.381	32.306	
23/11/2025 10:50:00	11.207	7.741	5.980	3.194	31.763	0.378	32.306	
23/11/2025 10:55:00	11.272	7.741	5.756	3.136	31.439	0.380	32.306	
23/11/2025 11:00:00	11.249	7.743	5.903	3.136	31.427	0.379	32.306	
23/11/2025 11:05:00	11.233	7.746	5.770	3.115	31.349	0.378	32.306	
23/11/2025 11:10:00	11.246	7.744	5.840	3.137	31.463	0.374	32.306	
23/11/2025 11:15:00	11.272	7.747	5.965	3.576	34.116	0.386	32.311	
23/11/2025 11:20:00	11.266	7.743	5.917	3.344	32.640	0.376	32.306	
23/11/2025 11:25:00	11.246	7.744	5.921	3.276	32.280	0.377	32.325	
23/11/2025 11:30:00	11.184	7.749	5.833	3.221	31.992	0.376	32.353	
23/11/2025 11:35:00	11.243	7.750	5.875	3.200	31.829	0.381	32.356	
23/11/2025 11:40:00	11.256	7.750	5.744	3.192	31.721	0.388	32.365	
23/11/2025 11:45:00	11.243	7.752	5.846	3.205	31.811	0.382	32.384	
23/11/2025 11:50:00	11.220	7.750	6.008	3.268	32.232	0.210	32.406	
23/11/2025 11:55:00	11.181	7.753	5.771	3.265	32.184	0.362	32.506	
23/11/2025 12:00:00	11.217	7.753	5.708	3.257	32.076	0.371	32.506	
23/11/2025 12:05:00	11.200	7.750	5.660	3.228	31.943	0.373	32.506	
23/11/2025 12:10:00	11.167	7.753	5.597	3.217	31.811	0.376	32.506	
23/11/2025 12:15:00	11.167	7.779	176.174	4.975	42.289	0.378	32.353	
23/11/2025 12:20:00	11.138	7.847	169.693	4.984	42.362	0.379	32.506	
23/11/2025 12:25:00	11.108	7.822	143.780	4.956	42.229	0.377	32.506	
23/11/2025 12:30:00	11.135	7.801	124.935	5.043	42.752	0.378	32.506	
23/11/2025 12:35:00	11.016	7.768	12.195	4.720	40.855	0.378	32.506	
23/11/2025 12:40:00	11.010	7.749	7.671	4.045	36.738	0.373	32.506	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
23/11/2025 12:45:00	85.783	7.737	6.952	3.831	35.424	0.372	32.506	
23/11/2025 12:50:00	85.428	7.726	6.215	3.615	34.128	0.369	32.506	
23/11/2025 12:55:00	66.813	7.711	6.232	3.529	33.630	0.373	32.506	
23/11/2025 13:00:00	63.316	7.708	5.953	3.631	34.140	0.368	32.506	
23/11/2025 13:05:00	64.674	7.704	5.746	3.551	33.714	0.373	32.506	
23/11/2025 13:10:00	79.205	7.700	5.752	3.535	33.606	0.373	32.506	
23/11/2025 13:15:00	74.749	7.697	5.572	3.514	33.492	0.372	32.506	
23/11/2025 13:20:00	70.347	7.690	5.597	3.466	33.156	0.371	32.506	
23/11/2025 13:25:00	71.747	7.687	5.608	3.500	33.384	0.368	32.506	
23/11/2025 13:30:00	71.738	7.685	5.576	3.508	33.498	0.373	32.506	
23/11/2025 13:35:00	67.692	7.681	5.440	3.582	33.930	0.372	32.506	
23/11/2025 13:40:00	87.968	7.680	5.579	3.602	34.050	0.373	32.506	
23/11/2025 13:45:00	91.577	7.679	5.606	3.597	33.960	0.375	32.506	
23/11/2025 13:50:00	89.818	7.675	5.743	3.541	33.654	0.377	32.506	
23/11/2025 13:55:00	92.308	7.672	5.575	3.626	34.230	0.374	32.506	
23/11/2025 14:00:00	89.431	7.675	5.587	3.521	33.558	0.372	32.506	
23/11/2025 14:05:00	94.369	7.673	5.617	3.559	33.810	0.376	32.506	
23/11/2025 14:10:00	75.632	7.673	5.648	3.566	33.816	0.376	32.506	
23/11/2025 14:15:00	64.927	7.674	5.713	3.568	33.834	0.373	32.506	
23/11/2025 14:20:00	71.967	7.675	5.746	3.577	33.966	0.373	32.506	
23/11/2025 14:25:00	71.518	7.675	5.843	3.663	34.536	0.371	32.506	
23/11/2025 14:30:00	11.082	7.678	5.846	3.735	34.926	0.372	32.506	
23/11/2025 14:35:00	11.151	7.676	5.789	3.749	34.968	0.371	32.510	
23/11/2025 14:40:00	11.141	7.677	5.695	3.720	34.860	0.369	32.507	
23/11/2025 14:45:00	11.187	7.677	5.704	3.791	35.304	0.371	32.511	
23/11/2025 14:50:00	11.118	7.677	5.767	3.856	35.598	0.371	32.506	
23/11/2025 14:55:00	11.148	7.676	5.822	3.844	35.616	0.373	32.506	
23/11/2025 15:00:00	11.184	7.678	5.725	3.716	34.788	0.380	32.506	
23/11/2025 15:05:00	11.125	7.679	5.792	3.745	35.010	0.370	32.506	
23/11/2025 15:10:00	11.190	7.681	6.014	3.796	35.364	0.371	32.509	
23/11/2025 15:15:00	11.213	7.682	6.055	3.792	35.256	0.378	32.515	
23/11/2025 15:20:00	11.233	7.686	5.900	3.826	35.514	0.373	32.525	
23/11/2025 15:25:00	11.246	7.691	5.899	4.639	40.387	0.374	32.572	
23/11/2025 15:30:00	11.181	7.682	5.851	3.806	35.358	0.378	32.550	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
23/11/2025 15:35:00	11.233	7.684	5.852	3.836	35.580	0.380	32.541	
23/11/2025 15:40:00	11.272	7.685	5.891	3.364	32.742	0.374	32.531	
23/11/2025 15:45:00	11.207	7.688	5.929	3.443	33.294	0.372	32.528	
23/11/2025 15:50:00	11.194	7.690	7.301	3.436	33.162	0.375	32.526	
23/11/2025 15:55:00	11.184	7.690	17.725	3.927	36.150	0.375	32.545	
23/11/2025 16:00:00	11.233	7.690	27.114	3.422	33.162	0.371	32.507	
23/11/2025 16:05:00	11.223	7.692	39.928	3.480	33.474	0.375	32.506	
23/11/2025 16:10:00	11.181	7.689	52.584	3.508	33.564	0.371	32.506	
23/11/2025 16:15:00	11.203	7.707	71.973	5.021	42.632	0.378	32.506	
23/11/2025 16:20:00	11.131	7.751	71.967	5.167	43.550	0.375	32.506	
23/11/2025 16:25:00	11.177	7.760	71.940	8.307	62.273	0.374	32.506	
23/11/2025 16:30:00	11.115	7.740	94.066	5.255	44.006	0.372	32.506	
23/11/2025 16:35:00	11.099	7.719	123.720	4.908	41.911	0.372	32.506	
23/11/2025 16:40:00	11.177	7.710	123.782	4.576	39.883	0.374	32.506	
23/11/2025 16:45:00	64.526	7.706	132.551	4.524	39.607	0.376	32.506	
23/11/2025 16:50:00	59.759	7.706	145.681	4.364	38.713	0.373	32.506	
23/11/2025 16:55:00	61.154	7.698	155.599	4.238	37.993	0.371	32.506	
23/11/2025 17:00:00	62.250	7.695	164.604	4.556	39.853	0.368	32.505	
23/11/2025 17:05:00	70.747	7.695	175.250	3.941	36.138	0.367	32.505	
23/11/2025 17:10:00	106.596	7.693	187.918	3.942	36.282	0.370	32.505	
23/11/2025 17:15:00	89.936	7.693	197.988	3.850	35.688	0.366	32.504	
23/11/2025 17:20:00	88.473	7.695	210.026	3.805	35.400	0.370	32.503	
23/11/2025 17:25:00	93.037	7.695	220.933	3.806	35.436	0.368	32.500	
23/11/2025 17:30:00	90.999	7.693	231.503	3.830	35.670	0.365	32.469	
23/11/2025 17:35:00	80.927	7.692	243.499	3.911	36.150	0.368	32.462	
23/11/2025 17:40:00	66.777	7.694	254.028	3.926	36.264	0.367	32.436	
23/11/2025 17:45:00	83.191	7.692	261.664	3.906	36.048	0.370	32.419	
23/11/2025 17:50:00	69.097	7.693	267.712	3.936	36.294	0.367	32.412	
23/11/2025 17:55:00	70.685	7.694	269.978	3.931	36.324	0.370	32.408	
23/11/2025 18:00:00	71.574	7.697	271.955	4.280	38.461	0.367	32.406	
23/11/2025 18:05:00	69.310	7.693	270.177	4.153	37.633	0.370	32.406	
23/11/2025 18:10:00	68.985	7.693	267.922	4.112	37.423	0.365	32.406	
23/11/2025 18:15:00	72.174	7.696	263.612	4.113	37.489	0.365	32.406	
23/11/2025 18:20:00	11.509	7.699	260.953	4.108	37.417	0.365	32.406	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
23/11/2025 18:25:00	11.532	7.700	257.805	4.124	37.513	0.365	32.405	
23/11/2025 18:30:00	11.518	7.707	251.459	4.432	39.373	0.371	32.405	
23/11/2025 18:35:00	11.538	7.702	245.455	4.262	38.431	0.367	32.400	
23/11/2025 18:40:00	11.551	7.707	236.472	4.184	37.993	0.365	32.399	
23/11/2025 18:45:00	11.561	7.710	223.753	4.206	38.011	0.367	32.391	
23/11/2025 18:50:00	11.551	7.714	211.549	4.236	38.257	0.364	32.382	
23/11/2025 18:55:00	11.574	7.715	199.421	4.266	38.473	0.364	32.373	
23/11/2025 19:00:00	11.545	7.721	189.820	5.499	45.824	0.369	32.366	
23/11/2025 19:05:00	11.574	7.722	181.209	4.482	39.775	0.368	32.358	
23/11/2025 19:10:00	11.558	7.725	173.447	4.410	39.385	0.370	32.357	
23/11/2025 19:15:00	11.614	7.730	163.573	4.490	39.817	0.372	32.356	
23/11/2025 19:20:00	11.571	7.735	153.661	4.428	39.409	0.374	32.356	
23/11/2025 19:25:00	11.594	7.735	144.045	4.449	39.661	0.374	32.356	
23/11/2025 19:30:00	11.607	7.737	134.627	4.442	39.541	0.374	32.356	
23/11/2025 19:35:00	11.577	7.738	125.460	4.350	39.007	0.371	32.356	
23/11/2025 19:40:00	11.627	7.745	115.483	4.400	39.319	0.366	32.355	
23/11/2025 19:45:00	11.610	7.749	106.592	4.457	39.667	0.361	32.355	
23/11/2025 19:50:00	11.594	7.752	97.769	4.472	39.787	0.363	32.355	
23/11/2025 19:55:00	11.617	7.755	91.422	4.492	39.853	0.368	32.355	
23/11/2025 20:00:00	11.581	7.756	83.529	4.514	40.081	0.368	32.355	
23/11/2025 20:05:00	11.568	7.760	73.366	4.826	41.899	0.370	32.352	
23/11/2025 20:10:00	11.607	7.761	63.669	4.721	41.269	0.363	32.352	
23/11/2025 20:15:00	11.610	7.782	87.026	6.210	50.145	0.368	32.319	
23/11/2025 20:20:00	11.637	7.861	5.540	7.236	56.368	0.362	32.300	
23/11/2025 20:25:00	11.581	7.858	5.540	6.659	52.936	0.364	32.305	
23/11/2025 20:30:00	11.643	7.850	260.320	6.505	51.909	0.367	32.306	
23/11/2025 20:35:00	23.457	7.827	20.828	6.910	54.382	0.361	32.306	
23/11/2025 20:40:00	11.515	7.813	15.615	6.567	52.395	0.354	32.306	
23/11/2025 20:45:00	55.642	7.803	11.997	6.296	50.793	0.358	32.306	
23/11/2025 20:50:00	68.624	7.797	9.917	5.882	48.237	0.356	32.306	
23/11/2025 20:55:00	61.823	7.792	9.056	6.281	50.679	0.355	32.306	
23/11/2025 21:00:00	77.646	7.786	8.987	6.474	51.843	0.355	32.306	
23/11/2025 21:05:00	75.068	7.783	8.460	5.233	44.432	0.354	32.306	
23/11/2025 21:10:00	81.590	7.780	8.483	5.042	43.208	0.354	32.306	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
23/11/2025 21:15:00	88.532	7.775	8.189	4.928	42.578	0.353	32.306	
23/11/2025 21:20:00	81.396	7.773	7.980	4.737	41.431	0.353	32.306	
23/11/2025 21:25:00	62.509	7.762	7.941	4.664	40.981	0.350	32.306	
23/11/2025 21:30:00	72.646	7.754	7.856	4.622	40.687	0.350	32.306	
23/11/2025 21:35:00	69.106	7.749	7.908	4.941	42.596	0.352	32.306	
23/11/2025 21:40:00	69.008	7.747	7.649	5.316	44.882	0.349	32.306	
23/11/2025 21:45:00	66.200	7.747	7.656	5.036	43.244	0.350	32.306	
23/11/2025 21:50:00	73.401	7.741	7.689	5.097	43.658	0.351	32.306	
23/11/2025 21:55:00	61.078	7.739	7.730	5.000	43.040	0.350	32.306	
23/11/2025 22:00:00	60.005	7.746	7.436	5.069	43.358	0.352	32.306	
23/11/2025 22:05:00	70.153	7.746	7.523	5.059	43.376	0.355	32.306	
23/11/2025 22:10:00	65.635	7.745	7.494	4.896	42.440	0.348	32.306	
23/11/2025 22:15:00	81.964	7.743	7.565	4.854	42.097	0.348	32.306	
23/11/2025 22:20:00	86.698	7.748	7.347	4.867	42.211	0.350	32.306	
23/11/2025 22:25:00	81.295	7.749	7.584	4.925	42.506	0.352	32.306	
23/11/2025 22:30:00	11.643	7.748	7.490	4.931	42.650	0.349	32.306	
23/11/2025 22:35:00	11.656	7.747	7.326	4.948	42.758	0.350	32.306	
23/11/2025 22:40:00	11.633	7.748	7.485	4.897	42.434	0.348	32.306	
23/11/2025 22:45:00	11.637	7.748	7.316	4.919	42.542	0.351	32.306	
23/11/2025 22:50:00	11.617	7.750	7.245	4.955	42.806	0.349	32.306	
23/11/2025 22:55:00	11.597	7.753	7.356	5.004	43.076	0.349	32.306	
23/11/2025 23:00:00	11.617	7.756	7.251	5.526	46.208	0.349	32.306	
23/11/2025 23:05:00	11.705	7.757	7.174	5.313	44.942	0.350	32.306	
23/11/2025 23:10:00	11.620	7.759	7.283	5.655	46.976	0.350	32.306	
23/11/2025 23:15:00	11.633	7.759	7.280	5.350	45.152	0.349	32.306	
23/11/2025 23:20:00	11.650	7.761	7.332	5.293	44.834	0.350	32.306	
23/11/2025 23:25:00	11.646	7.766	7.172	5.181	44.096	0.350	32.306	
23/11/2025 23:30:00	11.692	7.769	7.199	5.102	43.676	0.350	32.305	
23/11/2025 23:35:00	11.682	7.774	7.221	5.131	43.796	0.350	32.302	
23/11/2025 23:40:00	11.640	7.777	7.073	5.195	44.288	0.352	32.305	
23/11/2025 23:45:00	11.640	7.778	7.112	4.680	41.143	0.350	32.288	
23/11/2025 23:50:00	11.712	7.785	7.155	4.368	39.199	0.193	32.284	
23/11/2025 23:55:00	11.686	7.790	7.085	4.412	39.619	0.334	32.274	
24/11/2025 00:00:00	11.722	7.798	7.004	4.485	39.973	0.344	32.265	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
24/11/2025 00:05:00	11.696	7.801	7.125	4.472	39.895	0.347	32.258	
24/11/2025 00:10:00	11.679	7.808	7.304	4.599	40.747	0.346	32.254	
24/11/2025 00:15:00	11.748	7.854	207.833	8.170	62.081	0.349	32.210	
24/11/2025 00:20:00	11.742	7.929	242.970	6.963	54.784	0.348	32.154	
24/11/2025 00:25:00	11.692	7.903	193.202	8.903	66.450	0.350	32.206	
24/11/2025 00:30:00	11.682	7.879	34.041	6.277	50.769	0.348	32.306	
24/11/2025 00:35:00	11.735	7.851	12.848	6.711	53.416	0.348	32.306	
24/11/2025 00:40:00	11.676	7.840	10.245	6.727	53.482	0.348	32.306	
24/11/2025 00:45:00	75.553	7.832	9.479	6.577	52.521	0.350	32.306	
24/11/2025 00:50:00	68.614	7.823	8.865	6.719	53.380	0.350	32.306	
24/11/2025 00:55:00	79.500	7.815	8.369	6.498	52.095	0.349	32.306	
24/11/2025 01:00:00	74.841	7.819	8.199	6.314	51.039	0.350	32.306	
24/11/2025 01:05:00	79.215	7.818	7.934	6.857	54.232	0.351	32.306	
24/11/2025 01:10:00	86.360	7.815	7.773	6.579	52.533	0.350	32.306	
24/11/2025 01:15:00	83.988	7.814	7.722	6.295	50.859	0.351	32.306	
24/11/2025 01:20:00	88.132	7.814	7.509	6.459	51.819	0.351	32.306	
24/11/2025 01:25:00	77.053	7.812	7.520	6.665	53.080	0.345	32.306	
24/11/2025 01:30:00	71.288	7.809	7.632	6.794	53.836	0.350	32.306	
24/11/2025 01:35:00	82.082	7.808	7.494	6.865	54.292	0.350	32.306	
24/11/2025 01:40:00	73.509	7.808	7.502	6.745	53.530	0.352	32.306	
24/11/2025 01:45:00	76.039	7.803	10.281	5.054	43.466	0.349	32.306	
24/11/2025 01:50:00	85.904	7.801	15.120	4.996	43.130	0.350	32.306	
24/11/2025 01:55:00	120.776	7.802	20.165	5.010	43.160	0.351	32.306	
24/11/2025 02:00:00	117.085	7.802	25.760	5.075	43.586	0.352	32.306	
24/11/2025 02:05:00	119.670	7.802	31.233	5.048	43.394	0.352	32.306	
24/11/2025 02:10:00	113.509	7.802	37.893	5.127	43.934	0.350	32.306	
24/11/2025 02:15:00	65.734	7.802	42.563	5.313	44.984	0.354	32.304	
24/11/2025 02:20:00	11.781	7.800	49.005	5.019	43.262	0.350	32.280	
24/11/2025 02:25:00	11.784	7.803	55.983	5.184	44.228	0.349	32.268	
24/11/2025 02:30:00	11.742	7.810	64.880	5.255	44.666	0.351	32.250	
24/11/2025 02:35:00	11.771	7.810	71.568	5.304	45.002	0.352	32.238	
24/11/2025 02:40:00	11.784	7.809	80.707	5.361	45.296	0.352	32.219	
24/11/2025 02:45:00	11.764	7.810	90.339	6.897	54.496	0.353	32.209	
24/11/2025 02:50:00	11.791	7.804	97.597	5.292	44.894	0.353	32.206	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
24/11/2025 02:55:00	11.728	7.804	104.142	5.335	45.104	0.352	32.206	
24/11/2025 03:00:00	11.801	7.804	115.241	5.420	45.626	0.352	32.206	
24/11/2025 03:05:00	11.774	7.805	123.992	5.464	45.842	0.352	32.206	
24/11/2025 03:10:00	11.781	7.807	132.418	5.430	45.644	0.350	32.206	
24/11/2025 03:15:00	11.797	7.803	138.765	5.429	45.626	0.352	32.206	
24/11/2025 03:20:00	11.794	7.806	144.763	5.553	46.400	0.352	32.203	
24/11/2025 03:25:00	11.814	7.805	147.831	5.501	46.142	0.355	32.192	
24/11/2025 03:30:00	11.755	7.810	151.313	5.508	46.190	0.353	32.169	
24/11/2025 03:35:00	11.840	7.805	154.298	5.529	46.262	0.356	32.157	
24/11/2025 03:40:00	11.748	7.807	155.732	5.536	46.418	0.350	32.156	
24/11/2025 03:45:00	11.787	7.806	152.536	5.508	46.196	0.353	32.155	
24/11/2025 03:50:00	11.807	7.804	149.442	6.179	50.145	0.354	32.136	
24/11/2025 03:55:00	11.824	7.811	144.915	5.358	45.242	0.351	32.126	
24/11/2025 04:00:00	11.791	7.812	137.266	5.545	46.436	0.350	32.112	
24/11/2025 04:05:00	11.820	7.815	128.043	6.387	51.465	0.354	32.110	
24/11/2025 04:10:00	11.774	7.821	119.359	6.025	49.329	0.353	32.107	
24/11/2025 04:15:00	11.833	7.853	87.161	2.972	30.947	0.352	32.206	
24/11/2025 04:20:00	11.807	7.872	87.159	4.082	37.681	0.354	32.183	
24/11/2025 04:25:00	11.814	7.883	5.624	4.161	38.143	0.356	32.279	
24/11/2025 04:35:00	11.820	7.856	95.183	4.938	42.836	0.358	32.429	
24/11/2025 04:40:00	11.820	7.839	77.878	4.675	41.221	0.353	32.504	
24/11/2025 04:45:00	76.603	7.831	62.149	5.616	46.862	0.354	32.505	
24/11/2025 04:50:00	75.255	7.827	51.958	3.247	32.628	0.354	32.506	
24/11/2025 04:55:00	76.980	7.823	42.370	3.554	34.458	0.352	32.506	
24/11/2025 05:00:00	62.847	7.818	32.524	3.939	36.822	0.351	32.506	
24/11/2025 05:05:00	62.965	7.816	22.912	4.608	40.849	0.349	32.506	
24/11/2025 05:10:00	58.234	7.818	13.409	4.566	40.531	0.352	32.506	
24/11/2025 05:15:00	105.169	7.815	8.678	5.015	43.208	0.351	32.506	
24/11/2025 05:20:00	81.416	7.815	8.244	5.008	43.196	0.352	32.505	
24/11/2025 05:25:00	91.065	7.815	8.073	4.424	39.691	0.351	32.505	
24/11/2025 05:30:00	100.281	7.816	8.106	4.645	40.963	0.351	32.504	
24/11/2025 05:35:00	149.535	7.817	8.175	4.244	38.629	0.354	32.501	
24/11/2025 05:40:00	150.533	7.825	8.052	4.452	39.895	0.353	32.495	
24/11/2025 05:45:00	147.131	7.824	8.009	5.064	43.550	0.351	32.473	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
24/11/2025 05:50:00	151.113	7.826	8.066	5.293	44.918	0.353	32.442	
24/11/2025 05:55:00	147.541	7.829	7.868	2.853	30.275	0.352	32.409	
24/11/2025 06:00:00	150.277	7.827	7.854	3.062	31.547	0.352	32.407	
24/11/2025 06:05:00	151.035	7.827	7.727	3.174	32.196	0.354	32.406	
24/11/2025 06:10:00	146.914	7.828	7.581	3.238	32.622	0.352	32.406	
24/11/2025 06:15:00	143.069	7.826	7.665	2.467	27.899	0.352	32.406	
24/11/2025 06:20:00	136.212	7.825	7.613	2.476	28.019	0.350	32.406	
24/11/2025 06:25:00	129.286	7.822	7.590	2.389	27.485	0.352	32.405	
24/11/2025 06:30:00	11.781	7.819	7.637	2.397	27.497	0.351	32.403	
24/11/2025 06:35:00	11.791	7.817	7.509	2.395	27.491	0.352	32.398	
24/11/2025 06:40:00	11.778	7.822	7.548	2.395	27.491	0.353	32.384	
24/11/2025 06:45:00	11.768	7.821	7.557	2.402	27.617	0.352	32.374	
24/11/2025 06:50:00	11.768	7.821	7.569	2.394	27.497	0.351	32.364	
24/11/2025 06:55:00	11.758	7.821	7.551	2.395	27.455	0.352	32.358	
24/11/2025 07:00:00	11.715	7.814	7.464	2.392	27.455	0.353	32.358	
24/11/2025 07:05:00	11.784	7.813	7.631	2.391	27.419	0.353	32.357	
24/11/2025 07:10:00	11.722	7.819	7.578	2.389	27.419	0.349	32.356	
24/11/2025 07:15:00	11.663	7.819	7.440	2.387	27.401	0.352	32.356	
24/11/2025 07:20:00	11.686	7.818	7.424	2.396	27.467	0.351	32.356	
24/11/2025 07:25:00	11.722	7.821	7.410	2.403	27.455	0.355	32.359	
24/11/2025 07:30:00	11.745	7.820	7.472	2.406	27.425	0.353	32.356	
24/11/2025 07:35:00	11.584	7.819	7.472	2.398	27.419	0.352	32.356	
24/11/2025 07:40:00	11.594	7.819	7.257	2.405	27.419	0.357	32.356	
24/11/2025 07:45:00	11.627	7.818	7.217	2.401	27.377	0.352	32.356	
24/11/2025 07:50:00	11.620	7.816	7.196	2.187	26.164	0.352	32.356	
24/11/2025 07:55:00	11.545	7.814	7.296	2.185	26.038	0.351	32.356	
24/11/2025 08:00:00	11.584	7.814	6.913	2.174	26.002	0.354	32.356	
24/11/2025 08:05:00	11.571	7.815	6.998	2.173	25.984	0.353	32.357	
24/11/2025 08:10:00	11.551	7.815	6.902	2.171	25.960	0.356	32.359	
24/11/2025 08:15:00	11.571	7.868	178.422	3.104	31.523	0.354	32.356	
24/11/2025 08:20:00	11.479	7.932	185.235	4.134	37.705	0.353	32.379	
24/11/2025 08:25:00	11.535	7.894	160.433	3.762	35.412	0.350	32.504	
24/11/2025 08:30:00	11.407	7.852	34.440	2.899	30.185	0.352	32.506	
24/11/2025 08:35:00	11.436	7.828	12.098	3.002	30.845	0.351	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
24/11/2025 08:40:00	11.423	7.816	9.828	3.264	32.388	0.348	32.506	
24/11/2025 08:45:00	109.401	7.807	8.459	3.390	33.102	0.349	32.506	
24/11/2025 08:50:00	106.019	7.801	8.066	3.204	32.010	0.351	32.506	
24/11/2025 08:55:00	119.736	8.214	7.845	2.787	29.531	0.349	32.506	
24/11/2025 09:00:00	126.196	7.907	7.523	2.390	27.077	0.350	32.506	
24/11/2025 09:05:00	145.418	7.799	7.410	2.397	27.137	0.349	32.518	
24/11/2025 09:10:00	146.583	7.747	7.217	2.437	27.359	0.351	32.553	
24/11/2025 09:15:00	144.890	7.722	6.824	2.417	27.239	0.351	32.556	
24/11/2025 09:20:00	141.337	7.703	7.148	2.472	27.527	0.349	32.592	
24/11/2025 09:25:00	147.262	7.691	6.776	2.569	28.145	0.352	32.605	
24/11/2025 09:30:00	120.743	7.678	6.446	2.583	28.121	0.353	32.605	
24/11/2025 09:35:00	134.962	7.669	6.439	2.454	27.371	0.353	32.606	
24/11/2025 09:40:00	112.370	7.672	6.746	2.500	27.647	0.351	32.674	
24/11/2025 09:45:00	113.670	7.667	6.628	2.352	26.789	0.351	32.705	
24/11/2025 09:50:00	103.519	7.667	6.208	2.347	26.783	0.351	32.705	
24/11/2025 09:55:00	106.193	7.669	6.172	2.361	26.813	0.353	32.705	
24/11/2025 10:00:00	92.433	7.662	6.278	2.295	26.416	0.352	32.706	
24/11/2025 10:05:00	115.061	7.670	6.071	2.297	26.392	0.351	32.708	
24/11/2025 10:10:00	104.546	7.670	5.966	2.301	26.380	0.352	32.735	
24/11/2025 10:15:00	103.798	7.670	6.140	2.329	26.584	0.351	32.781	
24/11/2025 10:20:00	11.220	7.676	5.782	2.357	26.674	0.352	32.806	
24/11/2025 10:25:00	11.151	7.679	5.794	2.277	26.236	0.353	32.834	
24/11/2025 10:30:00	11.197	7.683	5.807	2.283	26.332	0.349	32.905	
24/11/2025 10:35:00	11.135	7.688	5.698	2.304	26.422	0.350	32.906	
24/11/2025 10:40:00	11.171	7.693	5.633	2.324	26.536	0.354	32.906	
24/11/2025 10:45:00	11.171	7.698	5.713	2.181	25.660	0.351	32.906	
24/11/2025 10:50:00	11.112	7.699	5.524	2.188	25.642	0.350	32.906	
24/11/2025 10:55:00	11.177	7.707	5.573	2.194	25.750	0.353	32.906	
24/11/2025 11:00:00	11.200	7.713	5.606	2.137	25.348	0.355	32.956	
24/11/2025 11:05:00	11.167	7.715	5.507	2.138	25.306	0.356	32.969	
24/11/2025 11:10:00	11.171	7.722	5.600	2.138	25.330	0.353	33.006	
24/11/2025 11:15:00	11.197	7.728	5.650	2.231	25.936	0.355	33.006	
24/11/2025 11:20:00	11.079	7.733	5.557	2.264	26.152	0.353	33.022	
24/11/2025 11:25:00	11.138	7.736	5.578	2.306	26.344	0.353	33.085	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
24/11/2025 11:30:00	11.105	7.742	5.479	2.376	26.729	0.360	33.106	
24/11/2025 11:35:00	11.128	7.742	5.479	2.346	26.524	0.359	33.106	
24/11/2025 11:40:00	11.102	7.745	5.497	2.402	26.951	0.359	33.142	
24/11/2025 11:45:00	11.082	7.751	5.425	2.595	28.097	0.357	33.158	
24/11/2025 11:50:00	11.079	7.755	5.389	2.699	28.625	0.214	33.194	
24/11/2025 11:55:00	11.066	7.759	5.353	2.754	29.009	0.341	33.206	
24/11/2025 12:00:00	11.056	7.755	5.380	2.848	29.531	0.352	33.207	
24/11/2025 12:05:00	11.066	7.759	5.570	2.996	30.383	0.353	33.307	
24/11/2025 12:10:00	11.059	7.768	5.462	3.243	31.866	0.355	33.307	
24/11/2025 12:15:00	11.141	7.719	188.629	6.047	48.723	0.356	32.981	
24/11/2025 12:20:00	11.026	7.659	180.963	5.555	45.704	0.358	33.106	
24/11/2025 12:25:00	10.980	7.646	149.356	4.855	41.515	0.356	33.106	
24/11/2025 12:30:00	10.977	7.630	126.394	4.577	39.793	0.358	33.106	
24/11/2025 12:35:00	11.003	7.619	11.900	3.169	31.391	0.353	33.106	
24/11/2025 12:40:00	10.948	7.611	7.691	3.122	31.067	0.353	33.106	
24/11/2025 12:45:00	80.120	7.610	6.632	3.237	31.781	0.349	33.106	
24/11/2025 12:50:00	79.201	7.617	6.061	3.325	32.334	0.350	33.106	
24/11/2025 12:55:00	82.026	7.618	5.821	2.953	30.065	0.350	33.108	
24/11/2025 13:00:00	71.977	7.623	5.546	3.048	30.647	0.344	33.153	
24/11/2025 13:05:00	78.736	7.620	5.591	3.496	33.210	0.349	33.156	
24/11/2025 13:10:00	81.009	7.618	5.384	3.850	35.418	0.348	33.171	
24/11/2025 13:15:00	58.234	7.619	5.351	2.395	26.692	0.350	33.203	
24/11/2025 13:20:00	60.773	7.615	5.237	2.263	25.828	0.350	33.207	
24/11/2025 13:25:00	66.866	7.613	5.279	2.263	25.804	0.350	33.292	
24/11/2025 13:30:00	59.051	7.612	5.291	2.263	25.780	0.351	33.307	
24/11/2025 13:35:00	62.351	7.608	5.290	2.333	26.176	0.348	33.307	
24/11/2025 13:40:00	61.810	7.606	5.309	2.231	25.642	0.349	33.307	
24/11/2025 13:45:00	63.605	7.605	5.227	2.238	25.624	0.350	33.307	
24/11/2025 13:50:00	66.095	7.605	5.222	2.243	25.702	0.351	33.307	
24/11/2025 13:55:00	80.169	7.605	5.225	2.258	25.714	0.351	33.307	
24/11/2025 14:00:00	79.589	7.608	5.222	2.280	25.852	0.349	33.307	
24/11/2025 14:05:00	78.070	7.609	5.228	2.317	26.044	0.350	33.307	
24/11/2025 14:10:00	80.501	7.610	5.233	2.189	25.318	0.350	33.307	
24/11/2025 14:15:00	74.753	7.610	5.233	2.199	25.438	0.349	33.307	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
24/11/2025 14:20:00	60.038	7.616	5.239	2.157	25.132	0.351	33.307	
24/11/2025 14:25:00	59.477	7.618	5.245	2.143	25.060	0.348	33.307	
24/11/2025 14:30:00	10.905	7.620	5.246	2.137	25.084	0.349	33.307	
24/11/2025 14:35:00	10.918	7.621	5.255	2.140	25.120	0.349	33.307	
24/11/2025 14:40:00	10.951	7.623	5.261	2.121	25.060	0.350	33.307	
24/11/2025 14:45:00	10.928	7.616	5.315	2.118	24.982	0.348	33.307	
24/11/2025 14:50:00	10.987	7.620	5.315	2.106	25.018	0.349	33.307	
24/11/2025 14:55:00	11.007	7.625	5.348	2.101	24.946	0.352	33.307	
24/11/2025 15:00:00	11.053	7.629	5.537	2.104	24.976	0.351	33.307	
24/11/2025 15:05:00	11.072	7.633	5.545	2.105	25.030	0.350	33.307	
24/11/2025 15:10:00	11.069	7.639	5.645	2.231	25.810	0.348	33.307	
24/11/2025 15:15:00	11.076	7.642	5.623	2.087	24.988	0.349	33.307	
24/11/2025 15:20:00	11.076	7.648	5.518	2.095	24.970	0.349	33.306	
24/11/2025 15:25:00	11.154	7.649	5.714	2.096	25.000	0.348	33.307	
24/11/2025 15:30:00	11.089	7.654	5.696	2.089	25.000	0.350	33.307	
24/11/2025 15:35:00	11.112	7.657	5.672	2.087	24.976	0.342	33.307	
24/11/2025 15:40:00	11.118	7.656	5.513	2.071	24.856	0.352	33.307	
24/11/2025 15:45:00	11.049	7.655	5.410	2.067	24.796	0.350	33.307	
24/11/2025 15:50:00	11.033	7.659	5.333	2.065	24.760	0.349	33.291	
24/11/2025 15:55:00	11.036	7.666	5.408	2.064	24.724	0.350	33.283	
24/11/2025 16:00:00	11.007	7.671	5.441	2.055	24.712	0.350	33.270	
24/11/2025 16:05:00	10.974	7.676	5.362	2.047	24.676	0.349	33.235	
24/11/2025 16:10:00	10.931	7.682	5.306	2.044	24.676	0.349	33.226	
24/11/2025 16:15:00	11.023	7.692	258.118	3.924	35.832	0.354	33.106	
24/11/2025 16:20:00	10.967	7.726	104.003	3.744	34.776	0.354	33.155	
24/11/2025 16:25:00	10.944	7.718	124.812	4.008	36.252	0.351	33.106	
24/11/2025 16:30:00	10.902	7.699	40.808	2.863	29.441	0.349	33.078	
24/11/2025 16:35:00	10.905	7.688	22.016	2.647	28.163	0.348	33.041	
24/11/2025 16:40:00	10.941	7.684	36.145	2.456	26.975	0.348	33.019	
24/11/2025 16:45:00	87.151	7.684	51.766	2.357	26.464	0.347	33.008	
24/11/2025 16:50:00	76.570	7.683	71.674	2.461	27.011	0.348	33.006	
24/11/2025 16:55:00	61.541	7.690	85.389	2.565	27.743	0.347	33.006	
24/11/2025 17:00:00	54.300	7.696	99.875	2.245	25.810	0.350	33.006	
24/11/2025 17:05:00	61.580	7.702	113.130	2.254	25.990	0.348	33.006	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
24/11/2025 17:10:00	52.716	7.705	127.558	2.295	26.236	0.346	33.006	
24/11/2025 17:15:00	55.432	7.710	143.550	2.201	25.666	0.347	33.006	
24/11/2025 17:20:00	62.719	7.713	155.509	2.206	25.690	0.348	33.005	
24/11/2025 17:25:00	61.078	7.717	166.306	2.216	25.876	0.346	32.997	
24/11/2025 17:30:00	48.188	7.720	175.791	2.210	25.822	0.346	32.973	
24/11/2025 17:35:00	46.029	7.723	185.400	2.206	25.876	0.349	32.957	
24/11/2025 17:40:00	66.419	7.731	192.725	2.209	25.954	0.348	32.956	
24/11/2025 17:45:00	73.808	7.732	199.577	2.212	25.948	0.345	32.955	
24/11/2025 17:50:00	71.623	8.053	207.884	2.242	26.062	0.344	32.909	
24/11/2025 17:55:00	71.272	7.792	213.896	2.180	25.786	0.349	32.907	
24/11/2025 18:00:00	63.680	7.750	221.500	2.175	25.696	0.349	32.906	
24/11/2025 18:05:00	64.543	7.729	225.932	2.176	25.702	0.345	32.906	
24/11/2025 18:10:00	56.423	7.699	232.010	2.172	25.762	0.343	32.906	
24/11/2025 18:15:00	56.797	7.685	236.801	2.172	25.774	0.348	32.906	
24/11/2025 18:20:00	11.413	7.674	240.109	2.173	25.792	0.345	32.906	
24/11/2025 18:25:00	11.440	7.663	243.082	2.170	25.708	0.345	32.906	
24/11/2025 18:30:00	11.489	7.657	244.034	2.169	25.720	0.348	32.906	
24/11/2025 18:35:00	11.492	7.653	245.843	2.163	25.732	0.351	32.906	
24/11/2025 18:40:00	11.512	7.654	250.085	2.174	25.738	0.346	32.906	
24/11/2025 18:45:00	11.486	7.650	252.539	2.172	25.756	0.348	32.906	
24/11/2025 18:50:00	11.525	7.649	256.055	2.187	25.864	0.348	32.906	
24/11/2025 18:55:00	11.492	7.650	256.999	2.196	25.996	0.347	32.906	
24/11/2025 19:00:00	11.502	7.657	256.870	2.202	25.990	0.348	32.906	
24/11/2025 19:05:00	11.545	7.655	254.768	2.213	26.122	0.345	32.906	
24/11/2025 19:10:00	11.525	7.656	254.232	2.225	26.134	0.348	32.906	
24/11/2025 19:15:00	11.564	7.656	251.313	2.234	26.128	0.346	32.906	
24/11/2025 19:20:00	11.564	7.659	249.701	2.227	26.140	0.346	32.904	
24/11/2025 19:25:00	11.525	7.663	248.968	2.220	26.152	0.343	32.895	
24/11/2025 19:30:00	11.568	7.666	247.355	2.227	26.176	0.345	32.855	
24/11/2025 19:35:00	11.538	7.668	242.313	2.240	26.272	0.346	32.830	
24/11/2025 19:40:00	11.564	7.671	235.442	2.248	26.272	0.345	32.811	
24/11/2025 19:45:00	11.617	7.675	228.335	2.263	26.410	0.347	32.806	
24/11/2025 19:50:00	11.495	7.676	219.802	2.269	26.380	0.351	32.806	
24/11/2025 19:55:00	11.591	7.680	211.037	2.270	26.494	0.345	32.806	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
24/11/2025 20:00:00	11.548	7.686	202.263	2.278	26.536	0.349	32.806	
24/11/2025 20:05:00	11.587	7.690	192.115	2.285	26.632	0.348	32.806	
24/11/2025 20:10:00	11.597	7.693	183.264	2.302	26.681	0.349	32.805	
24/11/2025 20:15:00	11.604	7.684	276.298	5.042	43.076	0.348	32.809	
24/11/2025 20:20:00	11.581	7.648	276.331	6.043	49.149	0.350	32.706	
24/11/2025 20:25:00	11.594	7.647	276.340	6.148	49.797	0.349	32.706	
24/11/2025 20:30:00	11.525	7.644	276.337	4.745	41.371	0.350	32.706	
24/11/2025 20:35:00	11.568	7.643	168.463	4.068	37.231	0.346	32.706	
24/11/2025 20:40:00	24.432	7.648	140.469	4.840	41.953	0.343	32.706	
24/11/2025 20:45:00	41.141	7.649	135.094	4.850	42.031	0.348	32.706	
24/11/2025 20:50:00	49.402	7.650	131.846	4.476	39.751	0.353	32.706	
24/11/2025 20:55:00	63.070	7.651	119.045	3.301	32.670	0.352	32.706	
24/11/2025 21:00:00	52.282	7.654	112.080	2.996	30.869	0.350	32.706	
24/11/2025 21:05:00	50.360	7.662	110.304	3.188	32.064	0.347	32.706	
24/11/2025 21:10:00	53.703	7.665	99.028	3.126	31.685	0.342	32.705	
24/11/2025 21:15:00	71.472	7.667	81.515	3.062	31.367	0.340	32.705	
24/11/2025 21:20:00	52.588	7.675	65.729	3.214	32.280	0.340	32.705	
24/11/2025 21:25:00	61.337	7.677	53.419	3.090	31.469	0.338	32.705	
24/11/2025 21:30:00	65.183	7.678	40.879	3.096	31.553	0.338	32.705	
24/11/2025 21:35:00	77.167	7.678	29.247	3.239	32.406	0.338	32.705	
24/11/2025 21:40:00	67.801	7.684	18.937	3.489	33.894	0.334	32.705	
24/11/2025 21:45:00	64.822	7.687	12.104	3.541	34.278	0.334	32.705	
24/11/2025 21:50:00	75.137	7.686	8.744	3.222	32.376	0.333	32.705	
24/11/2025 21:55:00	75.461	7.687	8.508	3.344	33.192	0.334	32.703	
24/11/2025 22:00:00	58.608	7.687	8.594	3.492	34.050	0.337	32.701	
24/11/2025 22:05:00	57.318	7.687	8.415	3.686	35.190	0.335	32.699	
24/11/2025 22:10:00	57.591	7.691	8.358	3.817	35.946	0.332	32.689	
24/11/2025 22:15:00	61.091	7.694	8.337	4.008	37.134	0.336	32.666	
24/11/2025 22:25:00	11.751	7.697	8.295	2.990	31.055	0.334	32.614	
24/11/2025 22:30:00	11.738	7.699	8.235	3.012	31.163	0.336	32.610	
24/11/2025 22:35:00	11.725	7.705	8.351	2.983	31.067	0.336	32.607	
24/11/2025 22:40:00	11.748	7.705	8.364	3.013	31.175	0.336	32.606	
24/11/2025 22:45:00	11.748	7.709	8.360	3.019	31.175	0.336	32.606	
24/11/2025 22:50:00	11.742	7.711	8.262	3.028	31.307	0.334	32.606	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
24/11/2025 22:55:00	11.719	7.709	8.256	2.978	31.013	0.337	32.606	
24/11/2025 23:00:00	11.758	7.711	8.028	2.978	30.971	0.338	32.606	
24/11/2025 23:05:00	11.755	7.719	8.126	2.985	31.091	0.337	32.606	
24/11/2025 23:10:00	11.771	7.718	7.956	3.000	31.073	0.337	32.606	
24/11/2025 23:15:00	11.735	7.720	7.928	3.000	31.085	0.336	32.606	
24/11/2025 23:20:00	11.755	7.723	7.899	2.986	31.079	0.335	32.606	
24/11/2025 23:25:00	11.797	7.724	8.048	3.000	31.091	0.339	32.606	
24/11/2025 23:30:00	11.758	7.727	7.761	2.971	31.001	0.339	32.606	
24/11/2025 23:35:00	11.787	7.728	7.937	2.972	31.001	0.338	32.606	
24/11/2025 23:40:00	11.699	7.727	8.027	2.964	30.887	0.338	32.606	
24/11/2025 23:45:00	11.755	7.727	7.937	2.972	30.995	0.338	32.605	
24/11/2025 23:50:00	11.751	7.723	8.036	2.966	30.911	0.189	32.605	
24/11/2025 23:55:00	11.781	7.722	7.635	2.973	31.007	0.327	32.605	
25/11/2025 00:00:00	11.755	7.712	7.748	2.979	30.995	0.339	32.604	
25/11/2025 00:05:00	11.824	7.712	7.812	2.966	30.917	0.329	32.601	
25/11/2025 00:10:00	11.797	7.713	7.689	2.974	31.007	0.336	32.592	
25/11/2025 00:15:00	11.771	7.683	202.203	4.623	40.831	0.338	32.506	
25/11/2025 00:20:00	11.827	7.656	195.894	4.674	41.155	0.338	32.482	
25/11/2025 00:25:00	11.817	7.644	166.657	5.058	43.490	0.333	32.506	
25/11/2025 00:30:00	11.801	7.636	37.527	3.424	33.708	0.331	32.506	
25/11/2025 00:35:00	11.758	7.642	13.230	3.812	36.072	0.331	32.506	
25/11/2025 00:40:00	11.761	7.654	10.614	3.126	31.986	0.336	32.506	
25/11/2025 00:45:00	57.502	7.663	9.441	3.281	32.850	0.336	32.506	
25/11/2025 00:50:00	79.641	7.666	8.834	3.624	34.890	0.329	32.506	
25/11/2025 00:55:00	88.417	7.672	8.721	3.397	33.636	0.326	32.506	
25/11/2025 01:00:00	81.915	7.673	8.409	2.647	29.009	0.330	32.506	
25/11/2025 01:05:00	104.624	7.676	8.136	2.750	29.657	0.330	32.506	
25/11/2025 01:10:00	101.600	7.694	8.139	2.783	29.885	0.330	32.506	
25/11/2025 01:15:00	102.118	7.694	8.012	2.856	30.299	0.330	32.506	
25/11/2025 01:20:00	96.878	7.693	8.019	2.906	30.629	0.330	32.506	
25/11/2025 01:25:00	151.734	7.695	8.049	2.914	30.647	0.328	32.506	
25/11/2025 01:30:00	154.030	7.697	7.920	2.871	30.431	0.330	32.506	
25/11/2025 01:35:00	154.345	7.705	7.868	2.649	29.033	0.332	32.506	
25/11/2025 01:40:00	148.013	7.707	7.746	2.613	28.805	0.330	32.506	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
25/11/2025 01:45:00	152.459	7.712	8.118	2.628	28.931	0.333	32.506	
25/11/2025 01:50:00	154.522	7.714	7.920	2.621	28.955	0.341	32.506	
25/11/2025 01:55:00	95.337	7.716	7.812	2.599	28.739	0.338	32.506	
25/11/2025 02:00:00	84.930	7.715	7.857	2.622	28.919	0.327	32.506	
25/11/2025 02:05:00	88.339	7.716	7.874	2.357	27.341	0.329	32.506	
25/11/2025 02:10:00	118.112	7.716	7.895	2.307	27.011	0.329	32.506	
25/11/2025 02:15:00	11.824	7.717	7.877	2.307	27.053	0.330	32.506	
25/11/2025 02:20:00	11.810	7.712	7.763	2.301	27.023	0.329	32.506	
25/11/2025 02:25:00	11.817	7.705	7.662	2.300	27.035	0.327	32.506	
25/11/2025 02:30:00	11.817	7.705	7.766	2.300	27.029	0.328	32.506	
25/11/2025 02:35:00	11.824	7.698	7.719	2.265	26.843	0.332	32.505	
25/11/2025 02:40:00	11.817	7.691	7.617	2.260	26.723	0.326	32.503	
25/11/2025 02:45:00	11.814	7.683	8.406	2.251	26.692	0.329	32.500	
25/11/2025 02:50:00	11.824	7.682	11.633	2.243	26.729	0.329	32.481	
25/11/2025 02:55:00	11.784	7.683	16.111	2.243	26.602	0.325	32.448	
25/11/2025 03:00:00	11.827	7.682	21.113	2.245	26.596	0.328	32.423	
25/11/2025 03:05:00	11.866	7.672	24.950	2.237	26.596	0.328	32.406	
25/11/2025 03:10:00	11.833	7.672	28.661	2.231	26.602	0.328	32.406	
25/11/2025 03:15:00	11.814	7.667	30.578	2.224	26.518	0.329	32.406	
25/11/2025 03:20:00	11.853	7.667	32.583	2.223	26.512	0.330	32.402	
25/11/2025 03:25:00	23.451	7.671	34.998	2.217	26.548	0.327	32.386	
25/11/2025 03:30:00	11.840	7.671	38.029	2.217	26.518	0.329	32.365	
25/11/2025 03:35:00	11.837	7.664	40.084	2.218	26.506	0.329	32.356	
25/11/2025 03:40:00	11.860	7.658	43.196	2.212	26.428	0.329	32.356	
25/11/2025 03:45:00	11.797	7.657	47.643	2.209	26.398	0.328	32.354	
25/11/2025 03:50:00	11.853	7.657	51.975	2.204	26.416	0.329	32.348	
25/11/2025 03:55:00	11.833	7.656	56.974	2.203	26.404	0.328	32.328	
25/11/2025 04:00:00	11.840	7.658	59.399	2.204	26.410	0.330	32.309	
25/11/2025 04:05:00	11.843	7.656	63.609	2.203	26.428	0.333	32.306	
25/11/2025 04:10:00	11.833	7.654	65.535	2.204	26.416	0.330	32.306	
25/11/2025 04:15:00	11.840	7.675	170.522	5.045	43.424	0.330	32.352	
25/11/2025 04:20:00	11.847	7.683	5.644	4.382	39.469	0.327	32.306	
25/11/2025 04:25:00	11.860	7.687	5.648	4.859	42.385	0.332	32.306	
25/11/2025 04:30:00	11.883	7.676	5.647	4.932	42.830	0.329	32.348	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
25/11/2025 04:35:00	11.876	7.659	78.944	3.234	32.658	0.331	32.356	
25/11/2025 04:40:00	11.869	7.647	68.777	3.491	34.158	0.330	32.356	
25/11/2025 04:45:00	83.680	7.639	63.040	3.427	33.840	0.328	32.356	
25/11/2025 04:50:00	83.253	7.637	61.346	3.450	33.966	0.328	32.356	
25/11/2025 04:55:00	79.976	7.628	59.459	3.634	35.034	0.328	32.356	
25/11/2025 05:00:00	81.633	7.627	54.216	3.156	32.148	0.329	32.355	
25/11/2025 05:05:00	82.617	7.623	48.708	3.100	31.823	0.329	32.353	
25/11/2025 05:10:00	112.886	7.621	40.604	3.189	32.370	0.328	32.340	
25/11/2025 05:15:00	106.668	7.616	34.950	2.893	30.569	0.330	32.336	
25/11/2025 05:20:00	116.432	7.622	26.298	2.908	30.671	0.330	32.333	
25/11/2025 05:25:00	129.916	7.621	18.204	2.937	30.881	0.329	32.322	
25/11/2025 05:30:00	116.819	7.620	11.253	2.909	30.665	0.335	32.315	
25/11/2025 05:35:00	105.438	7.618	8.177	2.952	30.995	0.325	32.311	
25/11/2025 05:40:00	94.057	7.619	7.955	3.038	31.541	0.329	32.307	
25/11/2025 05:45:00	87.531	7.619	7.827	3.166	32.298	0.329	32.306	
25/11/2025 05:50:00	99.480	7.621	7.800	2.971	31.121	0.331	32.306	
25/11/2025 05:55:00	89.995	7.622	7.788	2.945	30.905	0.331	32.306	
25/11/2025 06:00:00	96.235	7.622	7.968	2.924	30.809	0.328	32.306	
25/11/2025 06:05:00	88.516	7.624	7.743	2.922	30.797	0.325	32.306	
25/11/2025 06:10:00	90.117	7.623	7.754	2.373	27.479	0.329	32.306	
25/11/2025 06:15:00	89.044	7.625	7.700	2.373	27.473	0.328	32.306	
25/11/2025 06:20:00	99.060	7.623	7.781	2.376	27.497	0.330	32.306	
25/11/2025 06:25:00	11.866	7.618	7.664	2.387	27.593	0.330	32.306	
25/11/2025 06:30:00	11.899	7.621	7.665	2.402	27.713	0.328	32.306	
25/11/2025 06:35:00	11.896	7.617	7.601	2.357	27.479	0.327	32.306	
25/11/2025 06:40:00	11.873	7.617	7.584	2.352	27.365	0.330	32.306	
25/11/2025 06:45:00	11.879	7.617	7.541	2.321	27.143	0.329	32.306	
25/11/2025 06:50:00	11.827	7.616	7.584	2.314	27.125	0.330	32.306	
25/11/2025 06:55:00	11.866	7.615	7.662	2.313	27.119	0.331	32.306	
25/11/2025 07:00:00	27.083	7.616	7.800	2.313	27.107	0.325	32.306	
25/11/2025 07:05:00	11.860	7.613	7.620	2.312	27.101	0.329	32.306	
25/11/2025 07:10:00	11.827	7.614	7.800	2.318	27.089	0.326	32.305	
25/11/2025 07:15:00	11.879	7.607	7.838	2.301	27.077	0.327	32.300	
25/11/2025 07:20:00	11.804	7.605	7.614	2.301	27.047	0.325	32.302	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
25/11/2025 07:25:00	11.807	7.602	7.479	2.299	27.077	0.322	32.303	
25/11/2025 07:30:00	11.784	7.595	7.544	2.306	27.017	0.325	32.296	
25/11/2025 07:35:00	11.768	7.596	7.668	2.305	27.011	0.328	32.291	
25/11/2025 07:40:00	11.794	7.592	7.622	2.283	26.879	0.330	32.287	
25/11/2025 07:45:00	11.732	7.591	7.529	2.281	26.867	0.330	32.275	
25/11/2025 07:50:00	11.742	7.589	7.545	2.273	26.843	0.326	32.275	
25/11/2025 07:55:00	11.702	7.588	7.388	2.272	26.825	0.328	32.280	
25/11/2025 08:00:00	11.719	7.588	7.341	2.276	26.777	0.326	32.288	
25/11/2025 08:05:00	11.673	7.589	7.224	2.274	26.735	0.328	32.295	
25/11/2025 08:10:00	11.660	7.589	7.283	2.271	26.716	0.329	32.296	
25/11/2025 08:15:00	11.679	7.612	176.109	4.017	37.086	0.331	32.306	
25/11/2025 08:20:00	11.620	7.649	180.177	3.814	35.862	0.332	32.206	
25/11/2025 08:25:00	11.610	7.656	169.568	3.690	35.094	0.328	32.302	
25/11/2025 08:30:00	11.594	7.644	33.489	3.859	36.162	0.328	32.309	
25/11/2025 08:35:00	11.571	7.623	12.267	4.031	37.117	0.329	32.345	
25/11/2025 08:40:00	11.548	7.610	9.974	3.992	36.894	0.328	32.355	
25/11/2025 08:45:00	141.976	7.609	8.892	3.384	33.204	0.327	32.356	
25/11/2025 08:50:00	108.119	7.603	8.322	3.516	34.080	0.328	32.373	
25/11/2025 08:55:00	118.706	7.599	7.898	3.657	34.854	0.328	32.404	
25/11/2025 09:00:00	106.577	7.595	7.505	3.468	33.624	0.328	32.406	
25/11/2025 09:05:00	112.817	7.591	7.637	2.884	30.215	0.330	32.407	
25/11/2025 09:10:00	105.382	7.589	7.200	2.612	28.475	0.329	32.464	
25/11/2025 09:15:00	90.300	7.584	7.022	2.561	28.151	0.331	32.506	
25/11/2025 09:20:00	111.905	7.579	7.009	2.694	28.979	0.332	32.506	
25/11/2025 09:25:00	93.814	7.577	6.893	2.939	30.407	0.330	32.506	
25/11/2025 09:30:00	100.497	7.573	7.127	3.274	32.406	0.330	32.506	
25/11/2025 09:35:00	92.554	7.568	6.841	3.339	32.838	0.331	32.506	
25/11/2025 09:40:00	95.917	7.569	6.703	2.958	30.473	0.329	32.506	
25/11/2025 09:45:00	96.212	7.565	6.832	2.737	29.195	0.330	32.506	
25/11/2025 09:50:00	95.540	7.561	6.493	2.785	29.483	0.331	32.506	
25/11/2025 09:55:00	90.150	7.558	6.538	2.913	30.191	0.328	32.512	
25/11/2025 10:00:00	89.989	7.554	6.380	2.790	29.435	0.332	32.507	
25/11/2025 10:05:00	126.439	7.553	6.352	2.767	29.309	0.333	32.556	
25/11/2025 10:10:00	129.979	7.554	6.304	2.838	29.735	0.335	32.605	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
25/11/2025 10:15:00	11.328	7.548	5.933	2.751	29.183	0.334	32.605	
25/11/2025 10:20:00	11.240	7.546	6.031	2.792	29.501	0.335	32.605	
25/11/2025 10:25:00	11.295	7.544	6.007	2.822	29.591	0.332	32.617	
25/11/2025 10:30:00	11.302	7.542	6.061	2.977	30.533	0.333	32.705	
25/11/2025 10:35:00	11.276	7.542	5.920	3.076	31.199	0.335	32.705	
25/11/2025 10:40:00	11.259	7.537	5.743	2.897	30.095	0.334	32.705	
25/11/2025 10:45:00	11.256	7.538	5.788	2.882	29.987	0.335	32.705	
25/11/2025 10:50:00	11.236	7.537	5.570	2.937	30.287	0.335	32.706	
25/11/2025 11:00:00	11.253	7.535	5.680	3.120	31.349	0.335	32.802	
25/11/2025 11:05:00	11.233	7.534	5.783	3.326	32.598	0.337	32.806	
25/11/2025 11:10:00	11.226	7.537	5.719	3.204	31.829	0.336	32.904	
25/11/2025 11:15:00	11.217	7.536	5.605	3.175	31.709	0.338	32.906	
25/11/2025 11:20:00	11.230	7.536	5.792	3.194	31.793	0.338	32.906	
25/11/2025 11:25:00	11.181	7.533	5.549	3.124	31.373	0.338	32.906	
25/11/2025 11:30:00	11.118	7.528	5.563	3.104	31.187	0.338	32.906	
25/11/2025 11:35:00	11.197	7.527	5.569	3.142	31.421	0.337	32.906	
25/11/2025 11:40:00	11.187	7.522	5.468	3.081	30.983	0.339	32.914	
25/11/2025 11:45:00	11.167	7.523	5.522	3.065	30.893	0.337	32.952	
25/11/2025 11:50:00	11.161	7.519	5.731	2.183	25.672	0.193	32.996	
25/11/2025 11:55:00	11.174	7.517	5.548	2.203	25.774	0.320	32.999	
25/11/2025 12:00:00	11.128	7.520	5.549	2.261	26.074	0.329	33.006	
25/11/2025 12:05:00	11.187	7.521	5.552	2.315	26.380	0.330	33.006	
25/11/2025 12:10:00	11.138	7.517	5.413	2.251	26.062	0.333	33.006	
25/11/2025 12:15:00	11.200	7.548	169.327	3.377	32.730	0.336	32.706	
25/11/2025 12:20:00	11.128	7.644	169.868	3.921	36.006	0.339	32.906	
25/11/2025 12:25:00	11.171	7.666	156.269	5.479	45.392	0.343	32.902	
25/11/2025 12:30:00	11.181	7.656	125.322	4.148	37.417	0.346	32.806	
25/11/2025 12:35:00	11.108	7.627	12.998	3.743	34.974	0.346	32.806	
25/11/2025 12:40:00	11.125	7.608	8.142	3.821	35.496	0.346	32.806	
25/11/2025 12:45:00	77.774	7.593	7.160	3.457	33.228	0.344	32.879	
25/11/2025 12:50:00	76.432	7.577	6.398	3.186	31.625	0.346	32.898	
25/11/2025 12:55:00	71.045	7.563	6.122	2.553	27.785	0.340	32.906	
25/11/2025 13:00:00	63.201	7.554	5.993	2.637	28.307	0.341	32.906	
25/11/2025 13:05:00	73.296	7.548	5.731	2.649	28.397	0.342	32.906	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
25/11/2025 13:10:00	61.288	7.544	5.678	2.647	28.361	0.341	32.906	
25/11/2025 13:15:00	58.700	7.539	5.603	2.562	27.827	0.343	32.906	
25/11/2025 13:20:00	55.120	7.532	5.557	2.618	28.169	0.340	32.906	
25/11/2025 13:25:00	56.354	7.530	5.543	2.804	29.357	0.340	32.906	
25/11/2025 13:30:00	53.552	7.524	5.524	2.974	30.299	0.340	32.906	
25/11/2025 13:35:00	51.889	7.517	5.587	3.004	30.521	0.337	32.906	
25/11/2025 13:40:00	57.719	7.515	5.561	2.628	28.295	0.337	32.906	
25/11/2025 13:45:00	58.460	7.515	5.504	2.649	28.397	0.336	32.917	
25/11/2025 13:50:00	52.450	7.510	5.527	2.661	28.379	0.339	32.923	
25/11/2025 13:55:00	53.792	7.507	5.443	2.696	28.673	0.340	32.954	
25/11/2025 14:00:00	52.414	7.501	5.536	2.775	29.123	0.338	32.946	
25/11/2025 14:05:00	53.172	7.496	5.449	2.844	29.501	0.336	32.955	
25/11/2025 14:10:00	53.939	7.493	5.447	2.802	29.315	0.340	32.958	
25/11/2025 14:15:00	56.721	7.492	5.369	2.851	29.513	0.337	32.970	
25/11/2025 14:20:00	51.689	7.491	5.383	2.793	29.165	0.337	33.000	
25/11/2025 14:25:00	72.660	7.491	5.329	2.841	29.483	0.340	33.006	
25/11/2025 14:30:00	65.491	7.485	5.408	2.904	29.777	0.339	33.006	
25/11/2025 14:35:00	116.905	7.484	5.335	2.847	29.429	0.338	33.006	
25/11/2025 14:40:00	116.029	7.480	5.338	2.945	30.071	0.336	33.006	
25/11/2025 14:45:00	10.971	7.474	5.302	2.944	30.059	0.339	33.006	
25/11/2025 14:50:00	11.069	7.472	5.303	2.964	30.143	0.338	33.006	
25/11/2025 14:55:00	11.049	7.463	5.296	3.056	30.641	0.338	33.006	
25/11/2025 15:00:00	10.964	7.462	5.282	2.179	25.420	0.340	33.006	
25/11/2025 15:05:00	10.938	7.460	5.291	2.180	25.432	0.342	33.006	
25/11/2025 15:10:00	10.997	7.459	5.273	2.185	25.480	0.342	33.006	
25/11/2025 15:15:00	10.928	7.456	5.267	2.159	25.294	0.341	33.007	
25/11/2025 15:20:00	10.918	7.447	5.269	2.183	25.354	0.343	33.007	
25/11/2025 15:25:00	10.882	7.447	5.260	2.182	25.348	0.342	33.010	
25/11/2025 15:30:00	10.964	7.443	5.257	2.174	25.312	0.341	33.008	
25/11/2025 15:35:00	10.852	7.443	5.252	2.179	25.420	0.341	33.007	
25/11/2025 15:40:00	10.925	7.439	5.245	2.193	25.402	0.346	33.006	
25/11/2025 15:45:00	10.921	7.436	5.246	2.207	25.504	0.343	33.006	
25/11/2025 15:50:00	10.849	7.437	5.251	2.207	25.510	0.343	33.006	
25/11/2025 15:55:00	10.908	7.439	5.251	2.180	25.438	0.345	33.006	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
25/11/2025 16:00:00	10.957	7.438	5.252	2.189	25.426	0.348	33.006	
25/11/2025 16:05:00	10.980	7.439	5.261	2.198	25.450	0.351	33.006	
25/11/2025 16:10:00	10.944	7.438	5.266	2.199	25.468	0.345	33.006	
25/11/2025 16:15:00	11.010	7.475	212.416	3.308	32.220	0.351	32.830	
25/11/2025 16:20:00	11.072	7.602	256.326	3.318	32.160	0.347	32.906	
25/11/2025 16:25:00	11.013	7.628	246.619	4.321	38.311	0.349	32.906	
25/11/2025 16:30:00	11.069	7.607	31.863	3.550	33.708	0.347	32.878	
25/11/2025 16:35:00	11.115	7.579	10.145	3.051	30.821	0.346	32.807	
25/11/2025 16:40:00	11.085	7.570	8.138	3.034	30.635	0.339	32.806	
25/11/2025 16:45:00	116.576	7.553	7.418	2.860	29.615	0.340	32.806	
25/11/2025 16:50:00	114.286	7.543	7.055	2.823	29.435	0.339	32.806	
25/11/2025 16:55:00	103.269	7.529	6.911	2.725	28.889	0.341	32.806	
25/11/2025 17:00:00	98.873	7.527	6.727	2.414	27.095	0.345	32.806	
25/11/2025 17:05:00	99.352	7.514	6.869	2.411	27.059	0.343	32.805	
25/11/2025 17:10:00	72.525	7.513	15.940	2.436	27.293	0.342	32.805	
25/11/2025 17:15:00	82.961	7.505	25.139	2.445	27.335	0.344	32.803	
25/11/2025 17:20:00	54.366	7.498	38.211	2.483	27.569	0.345	32.791	
25/11/2025 17:25:00	52.056	7.490	53.094	2.456	27.407	0.343	32.768	
25/11/2025 17:30:00	90.786	7.483	68.175	2.508	27.767	0.343	32.758	
25/11/2025 17:35:00	55.120	7.481	79.306	2.404	27.161	0.346	32.750	
25/11/2025 17:40:00	49.159	7.487	92.376	2.429	27.263	0.349	32.741	
25/11/2025 17:45:00	54.638	7.480	105.611	2.451	27.533	0.348	32.725	
25/11/2025 17:50:00	47.876	7.483	117.215	2.482	27.659	0.348	32.706	
25/11/2025 17:55:00	11.482	7.487	128.686	2.549	28.115	0.349	32.706	
25/11/2025 18:00:00	11.515	7.482	138.137	2.466	27.629	0.344	32.706	
25/11/2025 18:05:00	11.515	7.481	143.090	2.495	27.893	0.346	32.706	
25/11/2025 18:10:00	11.473	7.484	151.907	2.496	27.881	0.348	32.706	
25/11/2025 18:15:00	11.571	7.479	158.166	2.526	28.001	0.346	32.706	
25/11/2025 18:20:00	11.551	7.479	165.795	2.499	27.821	0.346	32.706	
25/11/2025 18:25:00	11.548	7.481	173.219	2.521	28.019	0.346	32.706	
25/11/2025 18:30:00	11.577	7.475	177.815	2.558	28.295	0.346	32.706	
25/11/2025 18:35:00	11.584	7.475	180.980	2.545	28.169	0.345	32.706	
25/11/2025 18:40:00	11.591	7.477	187.731	2.575	28.295	0.345	32.706	
25/11/2025 18:45:00	11.610	7.479	190.694	2.596	28.535	0.347	32.706	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
25/11/2025 18:50:00	11.617	7.477	191.813	2.635	28.757	0.346	32.706	
25/11/2025 18:55:00	11.666	7.478	193.885	2.665	28.889	0.344	32.706	
25/11/2025 19:00:00	11.630	7.476	195.494	2.666	28.895	0.346	32.706	
25/11/2025 19:05:00	11.666	7.472	199.674	2.595	28.463	0.345	32.705	
25/11/2025 19:10:00	11.574	7.474	200.884	2.609	28.583	0.344	32.703	
25/11/2025 19:15:00	11.610	7.473	203.784	2.616	28.691	0.346	32.691	
25/11/2025 19:20:00	11.692	7.475	208.562	2.260	26.464	0.346	32.640	
25/11/2025 19:25:00	11.676	7.476	210.721	2.261	26.470	0.345	32.611	
25/11/2025 19:30:00	11.728	7.472	213.866	2.265	26.512	0.346	32.606	
25/11/2025 19:35:00	11.660	7.470	217.020	2.271	26.620	0.346	32.606	
25/11/2025 19:40:00	11.738	7.465	222.319	2.263	26.506	0.346	32.606	
25/11/2025 19:45:00	11.705	7.464	223.293	2.265	26.548	0.345	32.606	
25/11/2025 19:50:00	11.745	7.462	221.221	2.266	26.644	0.346	32.606	
25/11/2025 19:55:00	11.705	7.460	217.476	2.265	26.560	0.343	32.605	
25/11/2025 20:00:00	11.738	7.460	212.420	2.266	26.566	0.343	32.601	
25/11/2025 20:05:00	11.728	7.455	208.154	2.274	26.674	0.345	32.573	
25/11/2025 20:10:00	11.686	7.461	203.682	2.265	26.681	0.347	32.551	
25/11/2025 20:15:00	11.702	7.477	5.584	3.092	31.637	0.347	32.605	
25/11/2025 20:20:00	11.699	7.521	5.596	3.565	34.422	0.346	32.506	
25/11/2025 20:25:00	11.666	7.545	5.584	3.843	36.162	0.350	32.506	
25/11/2025 20:30:00	11.732	7.544	5.590	3.586	34.560	0.349	32.506	
25/11/2025 20:35:00	11.745	7.530	224.607	3.532	34.176	0.351	32.506	
25/11/2025 20:40:00	11.755	7.520	186.985	2.932	30.653	0.351	32.506	
25/11/2025 20:45:00	76.770	7.513	174.616	2.741	29.543	0.351	32.506	
25/11/2025 20:50:00	53.949	7.508	171.172	2.700	29.213	0.350	32.506	
25/11/2025 20:55:00	49.668	7.500	165.742	2.641	28.895	0.347	32.506	
25/11/2025 21:00:00	61.469	7.495	156.895	2.656	29.021	0.352	32.506	
25/11/2025 21:05:00	56.206	7.494	147.420	2.641	28.877	0.354	32.506	
25/11/2025 21:10:00	65.911	7.492	135.296	2.478	27.911	0.356	32.506	
25/11/2025 21:15:00	55.137	7.489	126.523	2.485	27.953	0.354	32.505	
25/11/2025 21:25:00	56.561	7.480	106.424	2.471	27.977	0.355	32.493	
25/11/2025 21:30:00	51.515	7.476	92.488	2.494	28.085	0.357	32.460	
25/11/2025 21:35:00	52.151	7.480	82.539	2.523	28.355	0.362	32.413	
25/11/2025 21:40:00	56.167	7.478	72.616	2.509	28.205	0.358	32.406	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
25/11/2025 21:45:00	54.048	7.473	61.688	2.546	28.433	0.358	32.406	
25/11/2025 21:50:00	54.231	7.473	53.542	2.582	28.667	0.357	32.406	
25/11/2025 21:55:00	52.223	7.472	45.389	2.512	28.223	0.357	32.406	
25/11/2025 22:00:00	46.987	7.475	37.953	2.469	27.923	0.361	32.405	
25/11/2025 22:05:00	77.712	7.475	32.812	2.467	27.923	0.360	32.400	
25/11/2025 22:10:00	77.220	7.468	27.372	2.483	28.031	0.358	32.373	
25/11/2025 22:15:00	69.021	7.470	22.999	2.499	28.151	0.353	32.359	
25/11/2025 22:20:00	69.809	7.470	18.360	2.512	28.265	0.357	32.356	
25/11/2025 22:25:00	49.044	7.472	14.989	2.542	28.397	0.355	32.356	
25/11/2025 22:30:00	61.406	7.477	11.474	2.570	28.583	0.353	32.356	
25/11/2025 22:35:00	11.801	7.479	8.862	2.605	28.823	0.352	32.356	
25/11/2025 22:40:00	11.830	7.479	7.941	2.527	28.307	0.352	32.353	
25/11/2025 22:45:00	11.833	7.486	7.770	2.517	28.277	0.348	32.334	
25/11/2025 22:50:00	24.195	7.480	7.772	2.592	28.721	0.350	32.317	
25/11/2025 22:55:00	11.820	7.478	7.748	2.601	28.733	0.352	32.308	
25/11/2025 23:00:00	11.814	7.479	7.746	2.620	28.937	0.347	32.306	
25/11/2025 23:05:00	11.827	7.481	7.547	2.628	28.949	0.345	32.306	
25/11/2025 23:10:00	11.781	7.486	7.583	2.635	29.057	0.348	32.306	
25/11/2025 23:15:00	11.807	7.479	7.556	2.435	27.761	0.348	32.306	
25/11/2025 23:20:00	11.787	7.481	7.619	2.435	27.803	0.351	32.306	
25/11/2025 23:25:00	11.817	7.482	7.772	2.443	27.893	0.347	32.306	
25/11/2025 23:30:00	11.833	7.488	7.577	2.443	27.899	0.346	32.306	
25/11/2025 23:35:00	11.863	7.489	7.596	2.445	27.965	0.347	32.306	
25/11/2025 23:40:00	11.817	7.494	7.655	2.443	27.911	0.344	32.302	
25/11/2025 23:45:00	11.873	7.498	7.469	2.445	27.911	0.343	32.274	
25/11/2025 23:50:00	11.856	7.502	7.587	2.461	27.917	0.192	32.256	
25/11/2025 23:55:00	11.847	7.503	7.445	2.459	27.923	0.329	32.247	
26/11/2025 00:00:00	11.879	7.503	7.434	2.459	28.019	0.334	32.235	
26/11/2025 00:05:00	11.820	7.509	7.199	2.459	28.025	0.339	32.220	
26/11/2025 00:10:00	11.797	7.509	7.148	2.453	27.929	0.338	32.209	
26/11/2025 00:15:00	11.892	7.547	276.880	3.517	34.284	0.343	32.213	
26/11/2025 00:20:00	11.860	7.646	276.889	3.880	36.390	0.341	32.106	
26/11/2025 00:25:00	11.876	7.665	246.076	3.722	35.448	0.341	32.106	
26/11/2025 00:30:00	11.850	7.659	32.364	3.572	34.644	0.338	32.197	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
26/11/2025 00:35:00	11.856	7.645	12.674	3.438	33.804	0.341	32.206	
26/11/2025 00:40:00	11.873	7.643	10.133	3.296	32.958	0.342	32.205	
26/11/2025 00:45:00	68.030	7.634	9.017	2.918	30.719	0.343	32.205	
26/11/2025 00:50:00	58.250	7.629	8.256	3.076	31.727	0.346	32.206	
26/11/2025 00:55:00	53.710	7.632	7.943	3.212	32.574	0.336	32.206	
26/11/2025 01:00:00	58.185	7.628	7.836	3.554	34.614	0.331	32.205	
26/11/2025 01:05:00	68.805	7.634	7.479	3.313	33.078	0.334	32.201	
26/11/2025 01:10:00	63.362	7.629	7.700	2.870	30.449	0.335	32.189	
26/11/2025 01:15:00	62.332	7.628	7.559	2.714	29.483	0.333	32.183	
26/11/2025 01:20:00	57.624	7.631	7.727	2.559	28.607	0.332	32.162	
26/11/2025 01:25:00	62.929	7.628	7.458	2.543	28.535	0.334	32.157	
26/11/2025 01:30:00	56.705	7.634	7.449	2.557	28.643	0.332	32.156	
26/11/2025 01:35:00	55.885	7.628	7.187	2.536	28.553	0.338	32.153	
26/11/2025 01:40:00	63.306	7.627	7.275	2.551	28.553	0.334	32.142	
26/11/2025 01:45:00	53.939	7.624	7.536	2.565	28.679	0.337	32.126	
26/11/2025 01:50:00	54.533	7.626	7.575	2.524	28.463	0.334	32.108	
26/11/2025 01:55:00	53.273	7.620	7.505	2.531	28.469	0.338	32.107	
26/11/2025 02:00:00	53.785	7.626	7.617	2.540	28.577	0.328	32.106	
26/11/2025 02:05:00	59.261	7.628	7.458	2.545	28.571	0.333	32.106	
26/11/2025 02:10:00	61.337	7.625	7.554	2.559	28.715	0.333	32.106	
26/11/2025 02:15:00	68.906	7.627	7.559	2.559	28.655	0.334	32.106	
26/11/2025 02:20:00	48.569	7.628	7.257	2.503	28.247	0.334	32.106	
26/11/2025 02:25:00	11.919	7.629	7.445	2.511	28.373	0.331	32.106	
26/11/2025 02:30:00	11.948	7.633	7.406	2.509	28.349	0.334	32.106	
26/11/2025 02:35:00	11.925	7.635	7.446	2.503	28.391	0.332	32.106	
26/11/2025 02:40:00	11.925	7.638	7.409	2.510	28.373	0.329	32.106	
26/11/2025 02:45:00	11.922	7.641	7.509	2.497	28.265	0.335	32.106	
26/11/2025 02:50:00	11.952	7.641	7.461	2.503	28.271	0.332	32.106	
26/11/2025 02:55:00	11.932	7.646	7.430	2.489	28.271	0.330	32.106	
26/11/2025 03:00:00	11.912	7.648	7.293	2.497	28.307	0.331	32.106	
26/11/2025 03:05:00	11.932	7.654	7.385	2.490	28.343	0.353	32.099	
26/11/2025 03:10:00	11.932	7.656	7.499	2.497	28.265	0.329	32.037	
26/11/2025 03:15:00	11.915	7.657	7.406	2.483	28.169	0.334	32.012	
26/11/2025 03:20:00	11.948	7.666	7.346	2.525	28.511	0.338	32.007	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
26/11/2025 03:25:00	11.922	7.665	7.940	2.498	28.283	0.335	32.007	
26/11/2025 03:30:00	11.942	7.665	10.985	2.490	28.277	0.335	32.007	
26/11/2025 03:35:00	11.948	7.668	14.820	2.483	28.187	0.333	32.006	
26/11/2025 03:40:00	11.961	7.671	18.844	2.484	28.175	0.335	31.992	
26/11/2025 03:45:00	11.958	7.673	22.822	2.493	28.313	0.335	31.963	
26/11/2025 03:50:00	11.952	7.676	26.912	2.741	29.807	0.329	31.946	
26/11/2025 03:55:00	11.955	7.676	29.541	2.500	28.295	0.334	31.909	
26/11/2025 04:00:00	11.912	7.676	31.998	2.498	28.301	0.332	31.907	
26/11/2025 04:05:00	11.938	7.679	34.728	2.508	28.385	0.332	31.907	
26/11/2025 04:10:00	11.935	7.679	36.888	2.505	28.397	0.320	31.907	
26/11/2025 04:15:00	11.968	7.705	197.550	3.801	36.072	0.323	32.020	
26/11/2025 04:20:00	11.968	7.774	197.544	3.842	36.282	0.330	31.907	
26/11/2025 04:25:00	11.935	7.771	5.683	3.864	36.588	0.332	31.914	
26/11/2025 04:30:00	11.945	7.766	118.900	4.340	39.283	0.338	32.055	
26/11/2025 04:35:00	11.945	7.748	41.839	3.699	35.466	0.333	32.106	
26/11/2025 04:40:00	11.971	7.737	41.093	3.912	36.750	0.334	32.106	
26/11/2025 04:45:00	49.468	7.728	39.056	3.864	36.426	0.331	32.106	
26/11/2025 04:50:00	51.026	7.721	37.177	3.626	35.046	0.333	32.106	
26/11/2025 04:55:00	54.471	7.718	34.357	3.279	33.030	0.332	32.106	
26/11/2025 05:00:00	55.193	7.714	31.491	3.214	32.628	0.345	32.106	
26/11/2025 05:05:00	37.063	7.711	30.795	3.607	34.938	0.335	32.106	
26/11/2025 05:10:00	52.099	7.711	27.498	3.105	31.974	0.339	32.106	
26/11/2025 05:15:00	57.309	7.711	25.036	2.580	28.739	0.333	32.106	
26/11/2025 05:20:00	55.350	7.710	24.023	2.563	28.757	0.339	32.104	
26/11/2025 05:25:00	51.203	7.711	22.588	2.558	28.661	0.351	32.062	
26/11/2025 05:30:00	54.887	7.709	20.653	2.536	28.523	0.331	32.014	
26/11/2025 05:35:00	61.872	7.707	18.646	2.537	28.523	0.333	32.007	
26/11/2025 05:40:00	56.738	7.706	16.314	2.529	28.535	0.339	32.007	
26/11/2025 05:45:00	60.593	7.702	13.098	2.473	28.121	0.332	32.007	
26/11/2025 05:50:00	62.056	7.706	10.460	2.474	28.109	0.337	32.007	
26/11/2025 05:55:00	65.245	7.702	8.268	2.431	27.899	0.337	32.005	
26/11/2025 06:00:00	51.567	7.690	7.973	2.447	28.055	0.340	32.005	
26/11/2025 06:05:00	58.355	7.676	7.797	2.438	28.031	0.336	31.985	
26/11/2025 06:10:00	52.204	7.670	7.718	2.380	27.599	0.336	31.965	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
26/11/2025 06:15:00	56.203	7.670	7.682	2.387	27.713	0.340	31.959	
26/11/2025 06:20:00	55.373	7.674	7.511	2.379	27.581	0.338	31.949	
26/11/2025 06:25:00	57.506	7.670	7.610	2.364	27.473	0.335	31.931	
26/11/2025 06:30:00	54.294	7.670	7.524	2.363	27.515	0.346	31.908	
26/11/2025 06:35:00	11.948	7.667	7.533	2.350	27.473	0.334	31.908	
26/11/2025 06:40:00	11.896	7.668	7.572	2.349	27.353	0.343	31.907	
26/11/2025 06:45:00	11.948	7.672	7.587	2.349	27.455	0.340	31.907	
26/11/2025 06:50:00	11.915	7.668	7.607	2.340	27.323	0.332	31.907	
26/11/2025 06:55:00	11.892	7.669	7.481	2.341	27.311	0.334	31.907	
26/11/2025 07:00:00	11.863	7.670	7.466	2.330	27.281	0.334	31.907	
26/11/2025 07:05:00	11.837	7.666	7.362	2.323	27.287	0.336	31.907	
26/11/2025 07:10:00	11.892	7.664	7.496	2.329	27.263	0.328	31.907	
26/11/2025 07:15:00	11.929	7.653	7.347	2.320	27.107	0.331	31.907	
26/11/2025 07:20:00	11.879	7.648	7.239	2.318	27.227	0.302	31.907	
26/11/2025 07:25:00	11.830	7.642	7.278	2.318	27.293	0.330	31.907	
26/11/2025 07:30:00	11.801	7.642	7.256	2.322	27.137	0.336	31.907	
26/11/2025 07:35:00	11.804	7.645	7.269	2.305	27.047	0.335	31.907	
26/11/2025 07:40:00	11.774	7.649	7.238	2.297	27.005	0.336	31.907	
26/11/2025 07:45:00	11.797	7.656	7.167	2.302	26.999	0.334	31.907	
26/11/2025 07:50:00	11.761	7.662	7.043	2.295	26.831	0.334	31.907	
26/11/2025 07:55:00	11.738	7.662	7.139	2.291	26.921	0.331	31.907	
26/11/2025 08:00:00	11.699	7.664	6.958	2.304	26.897	0.333	31.907	
26/11/2025 08:05:00	11.669	7.662	6.856	2.279	26.759	0.334	31.907	
26/11/2025 08:10:00	11.692	7.663	6.901	2.277	26.771	0.328	31.907	
26/11/2025 08:15:00	11.692	7.717	185.136	3.099	31.577	0.331	31.922	
26/11/2025 08:20:00	11.728	7.808	185.470	3.688	35.118	0.337	31.889	
26/11/2025 08:25:00	11.614	7.794	163.482	3.617	34.746	0.341	31.907	
26/11/2025 08:30:00	11.571	7.769	32.007	3.362	33.264	0.327	32.104	
26/11/2025 08:35:00	11.663	7.740	12.279	3.241	32.484	0.333	32.106	
26/11/2025 08:40:00	11.627	7.717	9.462	3.582	34.494	0.334	32.106	
26/11/2025 08:45:00	84.723	7.681	8.325	3.481	33.828	0.336	32.106	
26/11/2025 11:25:00	11.673	7.975	5.656	3.005	31.085	0.262	31.101	
26/11/2025 11:30:00	11.518	8.099	5.686	4.088	37.471	0.282	31.906	
26/11/2025 11:35:00	11.443	7.951	5.575	5.967	48.687	0.298	32.300	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
26/11/2025 11:40:00	11.450	7.832	5.758	9.070	67.266	0.301	32.441	
26/11/2025 11:45:00	11.354	7.766	5.647	6.730	53.182	0.306	32.506	
26/11/2025 11:50:00	11.361	7.712	5.513	5.791	47.469	0.175	32.506	
26/11/2025 11:55:00	11.269	7.675	5.462	6.045	48.921	0.299	32.506	
26/11/2025 12:00:00	11.236	7.646	5.396	7.144	55.504	0.313	32.556	
26/11/2025 12:05:00	11.207	7.626	5.414	7.200	55.840	0.320	32.605	
26/11/2025 12:10:00	11.246	7.607	5.386	4.136	37.369	0.313	32.605	
26/11/2025 12:15:00	11.272	7.588	171.343	12.142	85.498	0.311	32.506	
26/11/2025 12:20:00	11.236	7.669	166.252	12.168	85.570	0.317	32.607	
26/11/2025 12:25:00	11.187	7.683	149.029	6.999	54.544	0.322	32.692	
26/11/2025 12:30:00	11.246	7.672	121.839	6.452	51.261	0.319	32.705	
26/11/2025 12:35:00	11.233	7.646	11.844	7.526	57.796	0.325	32.705	
26/11/2025 12:40:00	11.295	7.616	7.562	9.508	69.697	0.323	32.705	
26/11/2025 12:45:00	61.206	7.588	6.590	10.487	75.506	0.326	32.705	
26/11/2025 12:50:00	64.261	7.562	5.918	10.977	78.386	0.336	32.705	
26/11/2025 12:55:00	65.753	7.540	5.915	5.329	44.612	0.336	32.706	
26/11/2025 13:00:00	61.748	7.519	5.734	4.725	40.987	0.324	32.706	
26/11/2025 13:05:00	65.334	7.496	5.561	4.647	40.459	0.333	32.770	
26/11/2025 13:10:00	61.242	7.482	5.494	5.307	44.474	0.336	32.805	
26/11/2025 13:15:00	61.305	7.466	5.542	6.336	50.631	0.339	32.806	
26/11/2025 13:20:00	62.374	7.455	5.482	7.261	56.200	0.343	32.806	
26/11/2025 13:25:00	57.807	7.444	5.404	8.259	62.069	0.334	32.850	
26/11/2025 13:30:00	71.341	7.442	5.449	8.880	65.826	0.340	32.888	
26/11/2025 13:35:00	86.462	7.441	5.372	10.683	76.634	0.341	32.906	
26/11/2025 13:40:00	78.207	7.435	5.369	7.888	59.855	0.332	32.906	
26/11/2025 13:45:00	79.103	7.434	5.354	5.263	44.144	0.338	32.906	
26/11/2025 13:50:00	80.314	7.431	5.359	5.072	42.962	0.339	32.906	
26/11/2025 13:55:00	78.378	7.426	5.353	5.765	47.072	0.342	32.906	
26/11/2025 14:00:00	76.639	7.424	5.359	6.142	49.329	0.342	32.906	
26/11/2025 14:05:00	54.786	7.417	5.353	6.174	49.557	0.345	32.906	
26/11/2025 14:10:00	63.142	7.418	5.354	6.023	48.711	0.348	32.906	
26/11/2025 14:15:00	58.631	7.417	5.360	5.703	46.712	0.343	32.906	
26/11/2025 14:20:00	11.151	7.411	5.393	4.320	38.419	0.335	32.906	
26/11/2025 14:25:00	11.164	7.411	5.365	4.880	41.821	0.343	32.906	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
26/11/2025 14:30:00	11.141	7.410	5.368	4.763	41.143	0.336	32.906	
26/11/2025 14:35:00	11.161	7.411	5.374	5.351	44.708	0.341	32.906	
26/11/2025 14:40:00	11.177	7.411	5.387	6.383	50.913	0.340	32.906	
26/11/2025 14:45:00	11.187	7.413	5.371	7.115	55.276	0.339	32.906	
26/11/2025 14:50:00	11.194	7.412	5.446	8.399	62.993	0.342	32.906	
26/11/2025 14:55:00	11.200	7.414	5.495	9.744	71.017	0.341	32.906	
26/11/2025 15:00:00	11.256	7.413	5.482	11.238	79.977	0.337	32.906	
26/11/2025 15:05:00	11.243	7.417	5.459	5.575	46.016	0.346	32.906	
26/11/2025 15:10:00	11.226	7.420	5.521	6.331	50.619	0.334	32.906	
26/11/2025 15:15:00	11.315	7.424	5.654	6.199	49.881	0.357	32.906	
26/11/2025 15:20:00	11.312	7.425	5.677	6.535	51.861	0.340	32.906	
26/11/2025 15:25:00	11.318	7.425	5.647	7.057	55.084	0.361	32.906	
26/11/2025 15:30:00	11.325	7.423	5.540	7.573	58.193	0.340	32.906	
26/11/2025 15:35:00	11.292	7.423	5.666	2.766	29.267	0.338	32.906	
26/11/2025 15:40:00	11.276	7.421	5.678	2.878	29.897	0.353	32.906	
26/11/2025 15:45:00	11.282	7.424	5.579	3.000	30.683	0.339	32.906	
26/11/2025 15:50:00	11.345	7.430	5.798	3.117	31.463	0.345	32.906	
26/11/2025 15:55:00	11.338	7.433	5.873	3.068	31.157	0.339	32.906	
26/11/2025 16:00:00	11.377	7.444	5.878	3.194	31.811	0.343	32.906	
26/11/2025 16:05:00	11.351	7.454	5.834	2.232	26.086	0.342	32.906	
26/11/2025 16:10:00	11.318	7.462	5.920	2.225	26.164	0.347	32.905	
26/11/2025 16:15:00	11.384	7.508	174.818	3.958	36.552	0.346	32.706	
26/11/2025 16:20:00	11.420	7.629	173.956	4.393	39.121	0.349	32.758	
26/11/2025 16:25:00	11.423	7.651	160.340	4.842	41.815	0.353	32.752	
26/11/2025 16:30:00	11.404	7.640	31.787	3.869	35.994	0.345	32.755	
26/11/2025 16:35:00	11.473	7.614	10.871	4.592	40.471	0.342	32.762	
26/11/2025 16:40:00	11.463	7.598	8.703	6.162	49.845	0.337	32.747	
26/11/2025 16:45:00	60.537	7.588	7.884	6.762	53.398	0.344	32.739	
26/11/2025 16:50:00	57.686	7.579	7.511	8.155	61.769	0.336	32.723	
26/11/2025 16:55:00	60.537	7.572	7.287	10.067	73.243	0.341	32.716	
26/11/2025 17:00:00	54.901	7.568	7.197	11.789	83.655	0.353	32.709	
26/11/2025 17:05:00	60.252	7.566	7.163	11.391	81.339	0.337	32.706	
26/11/2025 17:10:00	52.607	7.563	7.045	5.143	43.862	0.339	32.706	
26/11/2025 17:15:00	57.798	7.563	7.031	5.842	48.069	0.350	32.706	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
26/11/2025 17:20:00	65.478	7.560	6.976	6.473	51.819	0.349	32.706	
26/11/2025 17:25:00	59.668	7.561	6.959	6.417	51.543	0.348	32.706	
26/11/2025 17:30:00	60.065	7.562	6.895	7.397	57.454	0.339	32.706	
26/11/2025 17:35:00	64.392	7.568	6.865	7.955	60.779	0.343	32.706	
26/11/2025 17:40:00	76.724	7.566	6.761	6.808	53.986	0.359	32.706	
26/11/2025 17:45:00	75.127	7.570	6.946	6.346	51.135	0.357	32.706	
26/11/2025 17:50:00	72.814	7.570	6.869	7.092	55.558	0.347	32.706	
26/11/2025 17:55:00	79.362	7.575	6.767	6.296	50.841	0.342	32.706	
26/11/2025 18:00:00	67.099	7.575	6.881	4.788	41.863	0.348	32.706	
26/11/2025 18:05:00	55.147	7.576	7.000	5.063	43.472	0.343	32.706	
26/11/2025 18:15:00	11.742	7.577	7.872	2.565	28.517	0.344	32.705	
26/11/2025 18:20:00	11.722	7.580	13.413	2.580	28.631	0.341	32.705	
26/11/2025 18:25:00	11.732	7.585	19.174	2.602	28.745	0.343	32.696	
26/11/2025 18:30:00	11.791	7.589	27.555	2.629	28.883	0.344	32.645	
26/11/2025 18:35:00	11.745	7.588	33.232	2.641	28.961	0.342	32.606	
26/11/2025 18:40:00	11.732	7.592	39.593	2.646	29.015	0.344	32.606	
26/11/2025 18:45:00	11.676	7.591	42.143	2.660	29.111	0.347	32.606	
26/11/2025 18:50:00	11.653	7.592	48.732	2.668	29.087	0.342	32.606	
26/11/2025 18:55:00	11.719	7.598	54.835	2.681	29.201	0.337	32.606	
26/11/2025 19:00:00	11.676	7.599	60.110	2.289	26.873	0.339	32.605	
26/11/2025 19:05:00	11.732	7.604	64.982	2.281	26.746	0.342	32.601	
26/11/2025 19:10:00	11.712	7.611	68.763	2.281	26.771	0.342	32.585	
26/11/2025 19:15:00	11.738	7.612	71.238	2.282	26.759	0.356	32.553	
26/11/2025 19:20:00	11.669	7.611	73.869	2.276	26.771	0.343	32.549	
26/11/2025 19:25:00	11.748	7.615	78.355	2.277	26.777	0.342	32.526	
26/11/2025 19:30:00	11.751	7.612	80.308	2.269	26.753	0.339	32.508	
26/11/2025 19:35:00	11.745	7.620	82.481	2.270	26.777	0.353	32.506	
26/11/2025 19:40:00	11.712	7.626	86.303	2.271	26.692	0.339	32.506	
26/11/2025 19:45:00	11.745	7.631	91.608	2.272	26.668	0.352	32.506	
26/11/2025 19:50:00	11.764	7.639	93.469	2.263	26.681	0.326	32.506	
26/11/2025 19:55:00	11.764	7.642	94.366	2.263	26.686	0.356	32.506	
26/11/2025 20:00:00	11.764	7.650	94.249	2.264	26.681	0.357	32.506	
26/11/2025 20:05:00	11.768	7.658	95.258	2.256	26.668	0.349	32.506	
26/11/2025 20:10:00	11.755	7.660	94.886	2.250	26.620	0.340	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
26/11/2025 20:15:00	11.732	7.684	94.331	3.770	35.682	0.353	32.507	
26/11/2025 20:25:00	11.764	7.749	94.328	4.320	39.013	0.347	32.506	
26/11/2025 20:30:00	11.830	7.736	94.326	5.634	46.976	0.344	32.590	
26/11/2025 20:35:00	11.804	7.721	118.355	4.750	41.581	0.347	32.605	
26/11/2025 20:40:00	11.755	7.706	121.133	5.927	48.771	0.341	32.605	
26/11/2025 20:45:00	69.887	7.693	115.396	6.718	53.488	0.347	32.605	
26/11/2025 20:50:00	81.157	7.682	116.986	6.220	50.469	0.291	32.605	
26/11/2025 20:55:00	66.833	7.683	118.903	7.327	57.112	0.352	32.605	
26/11/2025 21:00:00	68.070	7.673	118.846	7.776	59.753	0.345	32.605	
26/11/2025 21:05:00	77.118	7.668	115.927	5.265	44.708	0.342	32.605	
26/11/2025 21:10:00	80.501	7.661	111.537	4.250	38.587	0.344	32.605	
26/11/2025 21:15:00	74.907	7.663	108.340	4.128	37.909	0.345	32.602	
26/11/2025 21:20:00	68.155	7.654	101.999	3.487	34.092	0.343	32.589	
26/11/2025 21:25:00	73.529	7.653	96.961	3.215	32.400	0.345	32.566	
26/11/2025 21:30:00	75.169	7.653	92.920	3.356	33.246	0.346	32.555	
26/11/2025 21:35:00	75.957	7.653	88.108	3.578	34.632	0.348	32.545	
26/11/2025 21:40:00	81.117	7.645	81.964	3.907	36.552	0.345	32.523	
26/11/2025 21:45:00	11.748	7.651	76.316	2.509	28.205	0.345	32.507	
26/11/2025 21:50:00	11.801	7.646	69.849	2.522	28.211	0.345	32.506	
26/11/2025 21:55:00	11.748	7.645	65.393	2.551	28.421	0.343	32.506	
26/11/2025 22:00:00	11.758	7.645	57.956	2.580	28.631	0.347	32.506	
26/11/2025 22:05:00	11.787	7.646	51.456	2.615	28.853	0.345	32.506	
26/11/2025 22:10:00	11.784	7.652	44.802	2.651	29.075	0.342	32.506	
26/11/2025 22:15:00	11.758	7.658	38.238	2.680	29.201	0.343	32.506	
26/11/2025 22:20:00	11.778	7.654	31.533	2.517	28.247	0.343	32.506	
26/11/2025 22:25:00	11.728	7.654	25.529	2.525	28.331	0.345	32.506	
26/11/2025 22:30:00	11.784	7.655	20.504	2.536	28.325	0.342	32.506	
26/11/2025 22:35:00	11.794	7.661	16.363	2.537	28.385	0.345	32.506	
26/11/2025 22:40:00	11.791	7.669	12.435	2.548	28.517	0.339	32.506	
26/11/2025 22:45:00	11.738	7.665	9.300	2.487	28.157	0.343	32.506	
26/11/2025 22:50:00	11.778	7.669	7.952	2.495	28.139	0.341	32.506	
26/11/2025 22:55:00	11.814	7.675	7.599	2.497	28.175	0.340	32.506	
26/11/2025 23:00:00	11.778	7.676	7.502	2.503	28.133	0.342	32.506	
26/11/2025 23:05:00	11.807	7.677	7.283	2.519	28.247	0.418	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
26/11/2025 23:10:00	11.827	7.676	7.295	2.411	27.665	0.338	32.506	
26/11/2025 23:15:00	11.764	7.676	7.383	2.335	27.191	0.348	32.506	
26/11/2025 23:20:00	11.784	7.682	7.290	2.334	27.239	0.346	32.506	
26/11/2025 23:25:00	11.781	7.686	7.269	2.334	27.245	0.344	32.506	
26/11/2025 23:30:00	11.856	7.694	7.340	2.326	27.149	0.347	32.506	
26/11/2025 23:35:00	11.814	7.692	7.088	2.327	27.149	0.340	32.505	
26/11/2025 23:40:00	11.837	7.694	6.916	2.320	27.137	0.349	32.499	
26/11/2025 23:45:00	11.810	7.696	7.154	2.321	27.173	0.344	32.445	
26/11/2025 23:50:00	11.837	7.695	7.163	2.321	27.149	0.203	32.408	
26/11/2025 23:55:00	11.827	7.695	7.163	2.315	27.065	0.333	32.406	
27/11/2025 00:00:00	11.856	7.695	7.247	2.309	27.059	0.346	32.406	
27/11/2025 00:05:00	11.830	7.697	7.224	2.310	27.083	0.341	32.406	
27/11/2025 00:10:00	11.856	7.702	7.253	2.311	27.071	0.336	32.402	
27/11/2025 00:15:00	11.902	7.734	276.898	3.296	32.916	0.338	32.409	
27/11/2025 00:20:00	11.892	7.778	276.903	3.567	34.488	0.343	32.306	
27/11/2025 00:25:00	11.843	7.786	226.238	3.502	34.194	0.334	32.355	
27/11/2025 00:30:00	11.840	7.785	41.999	3.731	35.628	0.340	32.506	
27/11/2025 00:35:00	11.876	7.761	13.112	4.081	37.669	0.336	32.506	
27/11/2025 00:40:00	11.847	7.754	10.304	4.480	40.147	0.343	32.506	
27/11/2025 00:45:00	68.900	7.748	9.230	4.974	43.136	0.339	32.506	
27/11/2025 00:50:00	80.429	7.744	8.726	5.616	46.862	0.329	32.506	
27/11/2025 00:55:00	69.385	7.743	8.369	5.103	43.880	0.340	32.506	
27/11/2025 01:00:00	76.167	7.736	8.148	5.018	43.370	0.340	32.506	
27/11/2025 01:05:00	69.933	7.736	7.881	3.732	35.676	0.343	32.506	
27/11/2025 01:10:00	77.259	7.736	7.878	3.354	33.420	0.342	32.506	
27/11/2025 01:15:00	84.188	7.736	7.685	3.520	34.392	0.343	32.506	
27/11/2025 01:20:00	80.524	7.737	7.586	3.370	33.438	0.352	32.506	
27/11/2025 01:25:00	79.503	7.735	7.586	3.405	33.618	0.338	32.505	
27/11/2025 01:30:00	83.263	7.735	7.476	3.598	34.854	0.334	32.503	
27/11/2025 01:35:00	11.876	7.735	7.440	3.426	33.876	0.344	32.477	
27/11/2025 01:40:00	27.174	7.736	7.532	3.356	33.372	0.339	32.420	
27/11/2025 01:45:00	11.889	7.737	7.502	3.271	32.946	0.343	32.406	
27/11/2025 01:50:00	11.906	7.736	7.421	2.771	29.939	0.344	32.406	
27/11/2025 01:55:00	11.899	7.736	7.275	2.480	28.121	0.340	32.402	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
27/11/2025 02:00:00	11.830	7.735	7.352	2.464	27.965	0.347	32.362	
27/11/2025 02:05:00	11.886	7.735	7.388	2.465	28.007	0.341	32.356	
27/11/2025 02:10:00	11.909	7.736	7.359	2.435	27.911	0.343	32.352	
27/11/2025 02:15:00	11.896	7.736	7.221	2.429	27.887	0.347	32.331	
27/11/2025 02:20:00	11.922	7.737	7.311	2.429	27.905	0.345	32.314	
27/11/2025 02:25:00	11.889	7.735	7.271	2.400	27.695	0.345	32.306	
27/11/2025 02:30:00	11.932	7.737	7.326	2.386	27.599	0.337	32.306	
27/11/2025 02:35:00	11.915	7.739	7.413	2.380	27.599	0.340	32.306	
27/11/2025 02:40:00	11.925	7.739	7.308	2.382	27.605	0.341	32.306	
27/11/2025 02:45:00	11.892	7.739	7.308	2.381	27.611	0.342	32.306	
27/11/2025 02:50:00	11.847	7.739	7.262	2.375	27.497	0.338	32.306	
27/11/2025 02:55:00	11.968	7.745	7.307	2.381	27.641	0.337	32.305	
27/11/2025 03:00:00	36.840	7.740	7.242	2.375	27.533	0.343	32.280	
27/11/2025 03:05:00	11.955	7.740	7.344	2.368	27.509	0.340	32.255	
27/11/2025 03:10:00	11.902	7.738	7.227	2.368	27.539	0.339	32.240	
27/11/2025 03:15:00	11.912	7.741	7.265	2.368	27.515	0.336	32.215	
27/11/2025 03:20:00	11.860	7.745	7.311	2.360	27.425	0.340	32.206	
27/11/2025 03:25:00	11.929	7.747	7.332	2.363	27.425	0.336	32.206	
27/11/2025 03:30:00	11.952	7.746	7.174	2.354	27.407	0.339	32.206	
27/11/2025 03:35:00	11.886	7.747	7.159	2.349	27.443	0.341	32.206	
27/11/2025 03:40:00	11.938	7.749	7.229	2.340	27.335	0.329	32.204	
27/11/2025 03:45:00	11.984	7.755	7.224	2.342	27.341	0.342	32.188	
27/11/2025 03:50:00	11.971	7.756	7.209	2.334	27.329	0.341	32.167	
27/11/2025 03:55:00	11.968	7.755	7.184	2.336	27.353	0.348	32.156	
27/11/2025 04:00:00	11.968	7.755	7.088	2.342	27.353	0.340	32.145	
27/11/2025 04:05:00	11.984	7.756	7.174	2.334	27.341	0.342	32.121	
27/11/2025 04:10:00	11.932	7.756	7.070	2.335	27.323	0.352	32.109	
27/11/2025 04:15:00	11.994	7.795	277.093	3.165	32.226	0.337	32.214	
27/11/2025 04:20:00	11.984	7.860	277.111	3.936	36.912	0.341	32.106	
27/11/2025 04:25:00	12.007	7.860	277.104	3.814	36.150	0.342	32.232	
27/11/2025 04:30:00	11.978	7.843	277.105	3.634	35.094	0.344	32.394	
27/11/2025 04:35:00	11.955	7.818	37.183	3.421	33.822	0.343	32.506	
27/11/2025 04:40:00	11.971	7.791	13.179	3.608	34.956	0.341	32.506	
27/11/2025 04:45:00	79.897	7.774	10.653	3.372	33.582	0.354	32.506	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
27/11/2025 04:50:00	73.545	7.756	9.443	3.580	34.884	0.338	32.506	
27/11/2025 04:55:00	79.090	7.745	8.865	3.608	34.956	0.345	32.506	
27/11/2025 05:00:00	80.369	7.734	8.298	3.396	33.678	0.348	32.506	
27/11/2025 05:05:00	80.908	7.727	8.127	3.460	34.098	0.343	32.506	
27/11/2025 05:10:00	78.706	7.723	7.986	3.636	35.208	0.342	32.506	
27/11/2025 05:15:00	84.844	7.718	7.650	3.658	35.304	0.344	32.506	
27/11/2025 05:20:00	79.851	7.712	7.593	3.546	34.542	0.346	32.506	
27/11/2025 05:25:00	73.591	7.709	7.626	2.660	29.303	0.342	32.506	
27/11/2025 05:30:00	78.188	7.705	7.305	2.751	29.843	0.350	32.506	
27/11/2025 05:35:00	11.988	7.698	7.248	2.780	30.053	0.347	32.506	
27/11/2025 05:40:00	11.991	7.695	7.247	2.495	28.397	0.342	32.506	
27/11/2025 05:45:00	11.981	7.696	7.199	2.462	28.175	0.348	32.506	
27/11/2025 05:50:00	11.988	7.689	7.250	2.453	28.049	0.337	32.506	
27/11/2025 05:55:00	11.978	7.688	6.976	2.381	27.617	0.342	32.503	
27/11/2025 06:00:00	12.017	7.685	7.188	2.381	27.641	0.353	32.483	
27/11/2025 06:05:00	11.965	7.684	7.085	2.374	27.641	0.343	32.407	
27/11/2025 06:10:00	11.994	7.683	6.994	2.373	27.629	0.338	32.406	
27/11/2025 06:15:00	12.004	7.682	6.986	2.377	27.629	0.349	32.406	
27/11/2025 06:20:00	11.935	7.675	7.224	2.369	27.635	0.340	32.406	
27/11/2025 06:25:00	24.829	7.674	7.018	2.367	27.533	0.351	32.403	
27/11/2025 06:30:00	12.004	7.674	7.133	2.369	27.527	0.342	32.394	
27/11/2025 06:35:00	12.030	7.673	7.090	2.368	27.527	0.337	32.359	
27/11/2025 06:40:00	12.011	7.673	7.015	2.360	27.515	0.339	32.356	
27/11/2025 06:45:00	11.961	7.676	7.081	2.360	27.533	0.354	32.356	
27/11/2025 06:50:00	11.952	7.679	7.111	2.410	27.869	0.343	32.355	
27/11/2025 06:55:00	11.971	7.678	7.146	2.381	27.623	0.350	32.350	
27/11/2025 07:00:00	11.988	7.684	7.078	2.381	27.641	0.361	32.342	
27/11/2025 07:05:00	11.942	7.685	7.185	2.381	27.629	0.351	32.321	
27/11/2025 07:10:00	11.984	7.683	7.119	2.325	27.293	0.376	32.308	
27/11/2025 07:15:00	11.965	7.689	7.197	2.323	27.293	0.312	32.306	
27/11/2025 07:20:00	11.981	7.684	7.239	2.322	27.305	0.341	32.306	
27/11/2025 07:25:00	11.945	7.686	7.194	2.324	27.275	0.350	32.306	
27/11/2025 07:30:00	11.942	7.685	7.202	2.315	27.263	0.339	32.306	
27/11/2025 07:35:00	11.955	7.686	7.215	2.313	27.245	0.348	32.306	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
27/11/2025 07:40:00	11.955	7.685	7.182	2.313	27.245	0.346	32.306	
27/11/2025 07:45:00	11.919	7.689	7.184	2.307	27.125	0.350	32.306	
27/11/2025 07:50:00	11.902	7.685	7.152	2.303	27.143	0.338	32.306	
27/11/2025 07:55:00	11.919	7.682	7.073	2.303	27.089	0.338	32.306	
27/11/2025 08:00:00	11.922	7.680	7.130	2.303	27.077	0.347	32.306	
27/11/2025 08:05:00	11.899	7.679	7.138	2.301	27.053	0.347	32.306	
27/11/2025 08:10:00	11.896	7.681	7.073	2.301	27.059	0.341	32.306	
27/11/2025 08:15:00	11.935	7.716	178.644	2.966	31.073	0.338	32.307	
27/11/2025 08:20:00	11.896	7.796	184.041	3.043	31.481	0.338	32.260	
27/11/2025 08:25:00	11.902	7.794	172.007	4.314	39.067	0.345	32.306	
27/11/2025 08:30:00	11.820	7.782	40.787	3.189	32.292	0.337	32.484	
27/11/2025 08:35:00	11.863	7.759	12.597	3.566	34.692	0.344	32.506	
27/11/2025 08:40:00	11.866	7.745	9.867	3.673	35.310	0.343	32.506	
27/11/2025 08:45:00	77.692	7.736	8.895	4.166	38.197	0.334	32.506	
27/11/2025 08:50:00	76.665	7.725	8.307	3.598	34.836	0.343	32.506	
27/11/2025 08:55:00	80.196	7.721	7.925	2.648	29.015	0.329	32.506	
27/11/2025 09:00:00	83.509	7.715	7.835	2.673	29.225	0.343	32.506	
27/11/2025 09:05:00	76.961	7.711	7.559	2.688	29.291	0.346	32.506	
27/11/2025 09:10:00	72.810	7.705	7.433	2.536	28.319	0.343	32.506	
27/11/2025 09:15:00	64.005	7.701	7.245	2.525	28.289	0.350	32.506	
27/11/2025 09:20:00	78.847	7.697	7.188	2.524	28.259	0.351	32.506	
27/11/2025 09:25:00	75.232	7.694	7.202	2.522	28.265	0.305	32.506	
27/11/2025 09:30:00	67.860	7.681	7.088	2.521	28.277	0.348	32.506	
27/11/2025 09:35:00	72.689	7.680	6.878	2.519	28.235	0.313	32.506	
27/11/2025 09:40:00	71.193	7.673	6.824	2.510	28.079	0.347	32.506	
27/11/2025 09:45:00	57.535	7.668	6.790	2.516	28.145	0.343	32.506	
27/11/2025 09:50:00	55.754	7.668	6.707	2.521	28.175	0.344	32.506	
27/11/2025 09:55:00	54.848	7.670	6.505	2.541	28.295	0.344	32.506	
27/11/2025 10:00:00	60.484	7.664	6.488	2.569	28.379	0.350	32.506	
27/11/2025 10:05:00	11.643	7.664	6.245	2.430	27.617	0.349	32.508	
27/11/2025 10:10:00	11.545	7.662	6.335	2.429	27.491	0.350	32.528	
27/11/2025 10:15:00	11.581	7.661	6.343	2.422	27.485	0.342	32.556	
27/11/2025 10:20:00	11.564	7.660	6.268	2.420	27.491	0.325	32.573	
27/11/2025 10:30:00	11.499	7.659	6.062	2.419	27.425	0.336	32.605	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
27/11/2025 10:35:00	11.522	7.659	6.082	2.403	27.299	0.341	32.605	
27/11/2025 10:40:00	11.499	7.656	6.193	2.408	27.425	0.338	32.606	
27/11/2025 10:45:00	11.486	7.650	6.122	2.408	27.371	0.339	32.619	
27/11/2025 10:50:00	11.473	7.656	5.962	2.416	27.359	0.336	32.705	
27/11/2025 10:55:00	11.466	7.657	6.188	2.476	27.761	0.342	32.705	
27/11/2025 11:00:00	11.453	7.655	6.004	2.495	27.827	0.355	32.705	
27/11/2025 11:05:00	11.463	7.651	5.957	2.545	28.115	0.345	32.705	
27/11/2025 11:10:00	11.440	7.649	5.956	2.665	28.853	0.340	32.705	
27/11/2025 11:15:00	11.354	7.649	5.917	2.663	28.847	0.347	32.706	
27/11/2025 11:20:00	11.394	7.650	6.091	2.856	29.879	0.340	32.767	
27/11/2025 11:25:00	11.407	7.654	5.689	2.537	28.031	0.341	32.806	
27/11/2025 11:30:00	11.390	7.649	5.632	2.416	27.281	0.339	32.848	
27/11/2025 11:35:00	11.394	7.654	5.716	2.437	27.383	0.342	32.903	
27/11/2025 11:40:00	11.371	7.656	5.675	2.564	28.109	0.346	32.906	
27/11/2025 11:45:00	11.312	7.652	5.692	2.469	27.539	0.349	32.906	
27/11/2025 11:50:00	11.338	7.647	5.497	2.539	27.959	0.211	32.906	
27/11/2025 11:55:00	11.345	7.645	5.582	2.535	27.935	0.328	32.906	
27/11/2025 12:00:00	11.295	7.644	5.516	2.388	27.065	0.345	32.956	
27/11/2025 12:05:00	11.269	7.641	5.455	2.365	26.819	0.346	33.006	
27/11/2025 12:10:00	11.292	7.636	5.422	2.349	26.825	0.339	33.006	
27/11/2025 12:15:00	11.282	7.652	168.075	3.150	31.451	0.356	32.707	
27/11/2025 12:20:00	11.348	7.762	164.713	4.450	39.385	0.353	32.906	
27/11/2025 12:25:00	11.318	7.776	161.507	3.883	35.988	0.354	32.906	
27/11/2025 12:30:00	11.322	7.765	126.720	3.655	34.590	0.365	33.006	
27/11/2025 12:35:00	11.292	7.738	13.791	3.063	31.103	0.348	33.032	
27/11/2025 12:40:00	11.282	7.716	7.872	3.298	32.496	0.363	33.064	
27/11/2025 12:45:00	58.221	7.697	6.602	3.141	31.511	0.352	33.106	
27/11/2025 12:50:00	58.349	7.678	6.097	3.262	32.250	0.347	33.106	
27/11/2025 12:55:00	77.984	7.670	5.936	3.244	32.118	0.351	33.106	
27/11/2025 13:00:00	68.499	7.661	5.600	3.010	30.695	0.353	33.107	
27/11/2025 13:05:00	68.746	7.652	5.617	3.027	30.755	0.368	33.142	
27/11/2025 13:10:00	70.812	7.644	5.404	2.855	29.825	0.366	33.156	
27/11/2025 13:15:00	73.480	7.636	5.423	2.571	27.983	0.359	33.201	
27/11/2025 13:20:00	69.615	7.630	5.393	2.683	28.709	0.352	33.163	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
27/11/2025 13:25:00	50.370	7.623	5.387	2.798	29.351	0.355	33.164	
27/11/2025 13:30:00	60.317	7.615	5.396	2.549	27.851	0.355	33.168	
27/11/2025 13:35:00	56.009	7.613	5.419	2.579	28.103	0.357	33.190	
27/11/2025 13:40:00	54.677	7.608	5.392	2.459	27.359	0.358	33.203	
27/11/2025 13:45:00	65.442	7.607	5.449	2.493	27.563	0.358	33.206	
27/11/2025 13:50:00	63.329	7.603	5.404	2.442	27.221	0.356	33.206	
27/11/2025 13:55:00	54.595	7.600	5.383	2.451	27.395	0.358	33.211	
27/11/2025 14:00:00	55.514	7.598	5.377	2.474	27.389	0.353	33.208	
27/11/2025 14:05:00	49.720	7.597	5.368	2.396	26.957	0.357	33.214	
27/11/2025 14:10:00	71.108	7.595	5.369	2.416	27.029	0.355	33.247	
27/11/2025 14:15:00	66.853	7.595	5.362	2.414	27.023	0.354	33.303	
27/11/2025 14:20:00	69.667	7.584	5.359	2.392	26.891	0.357	33.254	
27/11/2025 14:25:00	11.148	7.584	5.359	2.371	26.777	0.360	33.307	
27/11/2025 14:30:00	11.141	7.587	5.353	2.398	26.879	0.399	33.307	
27/11/2025 14:35:00	11.141	7.586	5.351	2.433	27.107	0.353	33.307	
27/11/2025 14:40:00	11.131	7.586	5.348	2.384	26.879	0.384	33.307	
27/11/2025 14:45:00	11.115	7.581	5.344	2.383	26.789	0.365	33.307	
27/11/2025 14:50:00	11.158	7.580	5.350	2.420	26.963	0.356	33.304	
27/11/2025 14:55:00	11.121	7.581	5.351	2.475	27.419	0.359	33.306	
27/11/2025 15:00:00	11.213	7.584	5.354	2.447	27.209	0.395	33.307	
27/11/2025 15:05:00	11.105	7.591	5.359	2.471	27.329	0.357	33.304	
27/11/2025 15:10:00	11.151	7.590	5.362	2.522	27.665	0.358	33.303	
27/11/2025 15:15:00	11.112	7.590	5.365	2.423	27.011	0.345	33.305	
27/11/2025 15:20:00	26.702	7.584	5.368	2.424	27.137	0.359	33.304	
27/11/2025 15:25:00	11.190	7.582	5.363	2.310	26.416	0.360	33.293	
27/11/2025 15:30:00	11.200	7.582	5.374	2.311	26.434	0.356	33.247	
27/11/2025 15:35:00	11.220	7.576	5.374	2.318	26.434	0.362	33.230	
27/11/2025 15:40:00	11.213	7.572	5.377	2.320	26.452	0.363	33.228	
27/11/2025 15:45:00	11.207	7.567	5.374	2.313	26.464	0.365	33.211	
27/11/2025 15:50:00	11.236	7.569	5.380	2.314	26.458	0.363	33.269	
27/11/2025 15:55:00	11.266	7.565	5.389	2.316	26.512	0.367	33.206	
27/11/2025 16:00:00	11.213	7.564	5.392	2.315	26.530	0.359	33.206	
27/11/2025 16:05:00	11.305	7.565	5.407	2.319	26.566	0.359	33.206	
27/11/2025 16:10:00	11.249	7.566	5.401	2.313	26.536	0.358	33.206	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
27/11/2025 16:15:00	11.269	7.585	180.320	3.274	32.346	0.360	33.045	
27/11/2025 16:20:00	11.272	7.665	171.517	3.730	34.962	0.363	33.146	
27/11/2025 16:25:00	11.302	7.685	164.871	3.632	34.434	0.358	33.117	
27/11/2025 16:30:00	11.253	7.679	36.511	3.270	32.232	0.362	33.106	
27/11/2025 16:35:00	11.325	7.660	10.347	3.378	32.940	0.368	33.106	
27/11/2025 16:40:00	11.387	7.646	8.108	3.638	34.566	0.359	33.106	
27/11/2025 16:45:00	64.989	7.642	7.253	3.522	33.882	0.365	33.106	
27/11/2025 16:50:00	63.933	7.628	6.937	3.167	31.787	0.364	33.106	
27/11/2025 16:55:00	66.219	7.621	6.800	2.759	29.405	0.365	33.106	
27/11/2025 17:00:00	66.692	7.616	6.679	2.711	29.087	0.362	33.106	
27/11/2025 17:05:00	54.225	7.612	6.587	2.737	29.237	0.363	33.106	
27/11/2025 17:10:00	60.780	7.611	6.592	2.699	29.051	0.360	33.106	
27/11/2025 17:15:00	57.453	7.609	6.658	2.652	28.745	0.355	33.106	
27/11/2025 17:20:00	59.356	7.605	6.604	2.626	28.697	0.357	33.106	
27/11/2025 17:25:00	57.561	7.607	6.529	2.629	28.733	0.354	33.106	
27/11/2025 17:30:00	57.407	7.609	6.632	2.602	28.529	0.355	33.106	
27/11/2025 17:35:00	51.849	7.608	6.590	2.553	28.241	0.354	33.105	
27/11/2025 17:40:00	63.434	7.609	6.550	2.561	28.367	0.356	33.099	
27/11/2025 17:45:00	55.216	7.612	6.646	2.579	28.403	0.329	33.073	
27/11/2025 17:50:00	57.427	7.946	6.637	2.351	27.131	0.355	33.038	
27/11/2025 17:55:00	65.370	7.821	6.589	2.279	26.711	0.360	33.027	
27/11/2025 18:00:00	75.737	7.762	6.575	2.265	26.620	0.357	33.008	
27/11/2025 18:05:00	69.175	7.726	6.688	2.267	26.632	0.349	33.006	
27/11/2025 18:10:00	69.746	7.713	6.641	2.252	26.560	0.345	33.006	
27/11/2025 18:15:00	11.663	7.704	6.664	2.254	26.536	0.354	33.006	
27/11/2025 18:20:00	11.696	7.704	6.712	2.249	26.560	0.344	33.006	
27/11/2025 18:25:00	11.692	7.706	6.665	2.251	26.500	0.373	33.006	
27/11/2025 18:30:00	11.689	7.714	6.721	2.245	26.488	0.350	32.994	
27/11/2025 18:35:00	11.682	7.703	6.674	2.238	26.524	0.358	32.960	
27/11/2025 18:40:00	11.653	7.711	6.673	2.237	26.518	0.355	32.956	
27/11/2025 18:45:00	11.656	7.700	6.619	2.229	26.386	0.360	32.953	
27/11/2025 18:50:00	11.610	7.697	6.679	2.218	26.350	0.357	32.924	
27/11/2025 18:55:00	11.660	7.707	6.734	2.221	26.338	0.355	32.909	
27/11/2025 19:00:00	11.643	7.706	6.640	2.209	26.344	0.352	32.906	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
27/11/2025 19:05:00	11.666	7.706	6.607	2.211	26.332	0.357	32.906	
27/11/2025 19:10:00	11.686	7.710	6.623	2.203	26.206	0.357	32.906	
27/11/2025 19:15:00	11.604	7.718	10.310	2.203	26.224	0.365	32.906	
27/11/2025 19:20:00	11.686	7.716	16.161	2.204	26.236	0.350	32.906	
27/11/2025 19:25:00	11.682	7.714	22.022	2.212	26.374	0.358	32.892	
27/11/2025 19:30:00	11.692	7.716	29.105	2.227	26.380	0.356	32.805	
27/11/2025 19:35:00	11.686	7.717	36.180	2.250	26.602	0.354	32.724	
27/11/2025 19:40:00	11.686	7.721	42.625	2.264	26.615	0.359	32.706	
27/11/2025 19:45:00	11.712	7.718	51.621	2.280	26.698	0.357	32.706	
27/11/2025 19:50:00	11.699	7.727	57.317	2.301	26.807	0.353	32.704	
27/11/2025 19:55:00	11.705	7.727	62.012	2.301	26.933	0.356	32.611	
27/11/2025 20:00:00	11.705	7.725	68.244	2.330	27.071	0.358	32.606	
27/11/2025 20:05:00	11.755	7.724	74.505	2.333	27.005	0.352	32.605	
27/11/2025 20:10:00	11.679	7.726	78.604	2.337	27.035	0.352	32.563	
27/11/2025 20:15:00	11.712	7.707	90.936	3.208	32.286	0.355	32.706	
27/11/2025 20:20:00	11.758	7.668	90.940	3.209	32.316	0.352	32.703	
27/11/2025 20:25:00	11.732	7.651	90.955	3.746	35.532	0.354	32.705	
27/11/2025 20:30:00	11.784	7.643	90.948	4.002	37.159	0.355	32.805	
27/11/2025 20:35:00	11.702	7.639	114.736	2.998	31.049	0.356	32.881	
27/11/2025 20:40:00	11.824	7.639	106.319	3.248	32.532	0.357	32.905	
27/11/2025 20:45:00	67.824	7.641	98.488	3.285	32.766	0.355	32.898	
27/11/2025 20:50:00	48.926	7.645	98.015	3.407	33.546	0.357	32.898	
27/11/2025 20:55:00	57.893	7.647	99.130	2.721	29.507	0.357	32.882	
27/11/2025 21:00:00	58.214	7.651	95.237	2.529	28.307	0.361	32.810	
27/11/2025 21:05:00	57.827	7.654	93.144	2.529	28.295	0.359	32.806	
27/11/2025 21:10:00	50.324	7.658	88.737	2.487	27.959	0.357	32.806	
27/11/2025 21:15:00	52.453	7.663	85.842	2.481	28.007	0.360	32.804	
27/11/2025 21:20:00	58.116	7.668	81.811	2.494	28.127	0.360	32.763	
27/11/2025 21:25:00	46.813	7.671	79.025	2.409	27.587	0.361	32.731	
27/11/2025 21:30:00	58.362	7.674	74.853	2.433	27.683	0.357	32.706	
27/11/2025 21:35:00	62.870	7.677	70.491	2.446	27.809	0.357	32.706	
27/11/2025 21:40:00	56.997	7.683	66.986	2.460	27.929	0.358	32.706	
27/11/2025 21:45:00	59.392	7.682	63.542	2.445	27.815	0.357	32.706	
27/11/2025 21:50:00	66.360	7.686	59.893	2.417	27.725	0.355	32.706	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
27/11/2025 21:55:00	55.389	7.693	55.132	2.417	27.647	0.359	32.706	
27/11/2025 22:05:00	51.977	7.704	46.293	2.342	27.215	0.361	32.611	
27/11/2025 22:10:00	53.014	7.707	41.672	2.341	27.215	0.354	32.606	
27/11/2025 22:15:00	51.518	7.715	36.355	2.341	27.221	0.354	32.606	
27/11/2025 22:20:00	52.561	7.716	29.765	2.335	27.215	0.356	32.606	
27/11/2025 22:25:00	11.814	7.723	24.338	2.338	27.233	0.356	32.606	
27/11/2025 22:30:00	11.850	7.722	21.121	2.327	27.143	0.359	32.606	
27/11/2025 22:35:00	11.791	7.723	16.285	2.335	27.275	0.355	32.605	
27/11/2025 22:40:00	11.850	7.726	12.015	2.329	27.149	0.360	32.596	
27/11/2025 22:45:00	11.830	7.728	9.095	2.331	27.161	0.357	32.598	
27/11/2025 22:50:00	11.847	7.736	7.757	2.322	27.191	0.354	32.574	
27/11/2025 22:55:00	11.850	7.736	7.386	2.323	27.191	0.354	32.571	
27/11/2025 23:00:00	11.843	7.740	7.316	2.323	27.173	0.357	32.556	
27/11/2025 23:05:00	11.860	7.741	7.184	2.326	27.203	0.358	32.534	
27/11/2025 23:10:00	11.863	7.749	7.332	2.317	27.185	0.353	32.506	
27/11/2025 23:15:00	11.886	7.756	7.319	2.312	27.083	0.356	32.506	
27/11/2025 23:20:00	11.794	7.753	7.233	2.302	27.107	0.354	32.506	
27/11/2025 23:25:00	11.906	7.751	7.117	2.296	26.999	0.357	32.506	
27/11/2025 23:30:00	11.876	7.753	7.167	2.289	27.005	0.354	32.506	
27/11/2025 23:35:00	11.784	7.753	7.203	2.293	27.059	0.355	32.506	
27/11/2025 23:40:00	11.833	7.750	7.142	2.290	27.023	0.351	32.506	
27/11/2025 23:45:00	11.837	7.758	7.151	2.498	28.319	0.355	32.506	
27/11/2025 23:50:00	11.906	7.754	7.140	2.284	26.933	0.203	32.506	
27/11/2025 23:55:00	11.912	7.765	7.181	2.284	26.939	0.341	32.506	
28/11/2025 00:00:00	11.902	7.767	7.055	2.286	26.951	0.348	32.506	
28/11/2025 00:05:00	11.899	7.766	7.159	2.285	26.933	0.345	32.506	
28/11/2025 00:15:00	11.860	7.744	276.955	3.650	35.124	0.348	32.506	
28/11/2025 00:20:00	11.932	7.723	260.062	3.522	34.350	0.362	32.359	
28/11/2025 00:25:00	11.915	7.724	196.671	3.477	34.038	0.348	32.505	
28/11/2025 00:30:00	11.889	7.710	37.020	2.884	30.533	0.308	32.506	
28/11/2025 00:35:00	11.856	7.700	12.591	2.821	30.269	0.354	32.506	
28/11/2025 00:40:00	11.860	7.700	9.929	2.942	30.929	0.358	32.506	
28/11/2025 00:45:00	57.318	7.700	8.948	3.251	32.868	0.357	32.506	
28/11/2025 00:50:00	48.628	7.695	8.502	3.230	32.670	0.359	32.506	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
28/11/2025 00:55:00	56.610	7.694	8.187	3.053	31.589	0.359	32.506	
28/11/2025 01:00:00	50.045	7.701	7.967	3.016	31.355	0.363	32.506	
28/11/2025 01:05:00	55.832	7.701	7.772	3.232	32.664	0.348	32.506	
28/11/2025 01:10:00	59.287	7.701	7.589	2.504	28.253	0.361	32.506	
28/11/2025 01:15:00	49.717	7.695	7.521	2.515	28.379	0.356	32.506	
28/11/2025 01:20:00	67.696	7.698	7.520	2.518	28.349	0.364	32.506	
28/11/2025 01:25:00	69.989	7.701	7.400	2.496	28.319	0.351	32.506	
28/11/2025 01:30:00	68.857	7.703	7.371	2.497	28.271	0.364	32.506	
28/11/2025 01:35:00	69.736	7.702	7.296	2.403	27.761	0.357	32.506	
28/11/2025 01:40:00	68.240	7.704	7.250	2.369	27.563	0.346	32.506	
28/11/2025 01:45:00	68.273	7.703	7.476	2.363	27.557	0.357	32.506	
28/11/2025 01:50:00	61.167	7.710	7.340	2.350	27.455	0.360	32.497	
28/11/2025 01:55:00	57.732	7.711	7.221	2.348	27.473	0.361	32.431	
28/11/2025 02:00:00	47.666	7.715	7.157	2.335	27.395	0.352	32.406	
28/11/2025 02:05:00	49.359	7.717	7.136	2.329	27.347	0.362	32.405	
28/11/2025 02:10:00	52.253	7.721	7.160	2.331	27.371	0.358	32.369	
28/11/2025 02:15:00	11.965	7.720	7.179	2.328	27.317	0.361	32.356	
28/11/2025 02:20:00	11.938	7.722	7.133	2.321	27.299	0.359	32.348	
28/11/2025 02:25:00	11.981	7.727	7.136	2.314	27.287	0.356	32.311	
28/11/2025 02:30:00	11.971	7.729	7.040	2.316	27.323	0.363	32.306	
28/11/2025 02:35:00	11.958	7.734	7.070	2.309	27.209	0.357	32.306	
28/11/2025 02:40:00	11.994	7.736	6.941	2.310	27.203	0.351	32.306	
28/11/2025 02:45:00	11.965	7.736	6.919	2.304	27.203	0.361	32.306	
28/11/2025 02:50:00	11.981	7.743	6.955	2.303	27.209	0.358	32.291	
28/11/2025 02:55:00	12.001	7.743	6.955	2.305	27.233	0.360	32.255	
28/11/2025 03:00:00	12.037	7.744	6.907	2.303	27.257	0.361	32.239	
28/11/2025 03:05:00	12.001	7.750	6.848	2.296	27.203	0.358	32.207	
28/11/2025 03:10:00	12.001	7.753	6.820	2.297	27.149	0.359	32.206	
28/11/2025 03:15:00	12.030	7.754	6.824	2.298	27.119	0.360	32.206	
28/11/2025 03:20:00	12.027	7.760	6.925	2.290	27.143	0.356	32.205	
28/11/2025 03:25:00	12.014	7.761	6.856	2.290	27.125	0.357	32.171	
28/11/2025 03:30:00	12.037	7.766	6.799	2.291	27.131	0.354	32.156	
28/11/2025 03:35:00	12.027	7.769	6.811	2.291	27.143	0.361	32.143	
28/11/2025 03:40:00	12.060	7.769	6.820	2.291	27.143	0.358	32.107	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
28/11/2025 03:45:00	12.034	7.771	6.703	2.290	27.149	0.352	32.106	
28/11/2025 03:50:00	12.056	7.773	6.805	2.285	27.155	0.358	32.106	
28/11/2025 03:55:00	12.030	7.773	6.854	2.287	27.149	0.355	32.106	
28/11/2025 04:00:00	12.037	7.778	6.776	2.287	27.191	0.355	32.106	
28/11/2025 04:05:00	12.053	7.781	6.803	2.286	27.179	0.369	32.106	
28/11/2025 04:10:00	12.034	7.782	6.671	2.286	27.173	0.354	32.106	
28/11/2025 04:15:00	12.040	7.792	175.455	3.318	33.234	0.354	32.177	
28/11/2025 04:20:00	12.083	7.800	179.541	3.324	33.324	0.371	32.106	
28/11/2025 04:25:00	12.040	7.795	163.007	3.332	33.354	0.356	32.154	
28/11/2025 04:30:00	23.733	7.785	133.573	3.445	34.104	0.368	32.306	
28/11/2025 04:35:00	12.050	7.767	16.107	2.881	30.701	0.385	32.306	
28/11/2025 04:40:00	12.043	7.755	10.782	2.924	30.935	0.364	32.317	
28/11/2025 04:45:00	45.166	7.750	9.215	2.829	30.425	0.384	32.307	
28/11/2025 04:50:00	44.025	7.746	8.517	3.031	31.595	0.367	32.307	
28/11/2025 04:55:00	60.091	7.740	8.151	2.858	30.617	0.369	32.306	
28/11/2025 05:00:00	46.915	7.741	7.944	2.882	30.725	0.372	32.306	
28/11/2025 05:05:00	55.061	7.740	7.617	3.044	31.685	0.378	32.306	
28/11/2025 05:10:00	62.528	7.739	7.569	2.880	30.731	0.377	32.306	
28/11/2025 05:15:00	67.948	7.738	7.557	2.509	28.481	0.373	32.306	
28/11/2025 05:20:00	60.842	7.741	7.424	2.463	28.163	0.371	32.306	
28/11/2025 05:25:00	48.720	7.739	7.154	2.459	28.157	0.374	32.304	
28/11/2025 05:30:00	46.636	7.740	7.136	2.466	28.283	0.370	32.275	
28/11/2025 05:35:00	48.073	7.738	7.320	2.474	28.301	0.367	32.244	
28/11/2025 05:40:00	50.311	7.734	7.010	2.477	28.301	0.374	32.217	
28/11/2025 05:45:00	47.456	7.728	7.144	2.476	28.271	0.400	32.206	
28/11/2025 05:50:00	43.903	7.729	7.093	2.483	28.283	0.362	32.206	
28/11/2025 05:55:00	56.403	7.730	7.051	2.482	28.307	0.370	32.206	
28/11/2025 06:00:00	49.162	7.735	7.027	2.411	27.971	0.368	32.186	
28/11/2025 06:05:00	57.109	7.733	6.979	2.419	27.971	0.364	32.157	
28/11/2025 06:10:00	57.771	7.736	6.958	2.414	28.001	0.359	32.150	
28/11/2025 06:15:00	59.773	7.737	6.842	2.415	27.851	0.367	32.112	
28/11/2025 06:20:00	12.079	7.736	6.836	2.413	27.875	0.371	32.106	
28/11/2025 06:25:00	12.050	7.737	6.890	2.403	27.893	0.374	32.106	
28/11/2025 06:30:00	12.066	7.737	6.941	2.399	27.779	0.356	32.106	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
28/11/2025 06:35:00	37.611	7.740	6.751	2.395	27.893	0.391	32.106	
28/11/2025 06:40:00	12.086	7.742	6.821	2.391	27.785	0.361	32.106	
28/11/2025 06:45:00	12.102	7.742	6.754	2.390	27.797	0.374	32.106	
28/11/2025 06:50:00	12.102	7.743	6.742	2.401	27.857	0.370	32.106	
28/11/2025 06:55:00	12.053	7.743	6.725	2.389	27.791	0.364	32.100	
28/11/2025 07:00:00	12.043	7.742	6.812	2.390	27.761	0.359	32.043	
28/11/2025 07:05:00	12.047	7.745	6.773	2.390	27.737	0.375	32.008	
28/11/2025 07:10:00	12.079	7.746	6.736	2.382	27.761	0.370	32.007	
28/11/2025 07:15:00	12.053	7.744	6.623	2.381	27.767	0.396	32.007	
28/11/2025 07:20:00	12.024	7.749	6.700	2.381	27.707	0.373	32.000	
28/11/2025 07:25:00	12.007	7.744	6.619	2.373	27.731	0.368	31.962	
28/11/2025 07:30:00	12.037	7.747	6.590	2.373	27.617	0.366	31.954	
28/11/2025 07:35:00	12.070	7.746	6.532	2.364	27.581	0.368	31.931	
28/11/2025 07:40:00	12.027	7.747	6.590	2.363	27.617	0.423	31.910	
28/11/2025 07:45:00	11.971	7.746	6.526	2.369	27.563	0.374	31.907	
28/11/2025 07:50:00	12.043	7.746	6.616	2.405	27.743	0.363	31.907	
28/11/2025 07:55:00	12.011	7.742	6.473	2.369	27.545	0.367	31.907	
28/11/2025 08:00:00	12.030	7.742	6.526	2.356	27.557	0.360	31.907	
28/11/2025 08:05:00	12.034	7.743	6.560	2.366	27.521	0.364	31.907	
28/11/2025 08:10:00	12.004	7.740	6.389	2.365	27.509	0.367	31.907	
28/11/2025 08:15:00	11.948	7.759	126.547	3.944	36.972	0.365	32.106	
28/11/2025 08:20:00	11.991	7.767	173.533	3.843	36.324	0.371	31.907	
28/11/2025 08:25:00	12.043	7.765	163.302	3.965	37.026	0.375	32.056	
28/11/2025 08:30:00	11.886	7.759	35.553	3.440	33.960	0.371	32.173	
28/11/2025 08:35:00	11.945	7.747	11.517	3.482	34.164	0.369	32.206	
28/11/2025 08:40:00	11.932	7.742	8.933	3.555	34.554	0.373	32.206	
28/11/2025 08:45:00	62.296	7.738	7.811	3.500	34.332	0.371	32.206	
28/11/2025 08:50:00	73.060	7.735	7.448	2.971	31.115	0.379	32.206	
28/11/2025 08:55:00	67.148	7.730	7.242	2.877	30.551	0.369	32.206	
28/11/2025 09:00:00	61.823	7.728	7.075	2.956	31.007	0.374	32.206	
28/11/2025 09:05:00	64.661	7.727	6.923	2.768	29.885	0.372	32.206	
28/11/2025 09:10:00	59.566	7.727	6.841	2.780	29.993	0.370	32.206	
28/11/2025 09:15:00	59.195	7.720	6.682	2.662	29.195	0.370	32.206	
28/11/2025 09:20:00	52.912	7.714	6.670	2.678	29.303	0.373	32.206	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
28/11/2025 09:25:00	53.536	7.713	6.568	2.663	29.189	0.374	32.206	
28/11/2025 09:30:00	52.279	7.710	6.491	2.747	29.687	0.371	32.208	
28/11/2025 09:35:00	49.408	7.710	6.430	2.733	29.609	0.369	32.208	
28/11/2025 09:45:00	59.920	7.710	6.358	2.582	28.661	0.366	32.214	
28/11/2025 09:50:00	60.639	7.707	6.280	2.594	28.691	0.373	32.215	
28/11/2025 09:55:00	56.912	7.706	6.316	2.585	28.655	0.373	32.214	
28/11/2025 10:00:00	54.244	7.707	6.178	2.585	28.667	0.370	32.208	
28/11/2025 10:05:00	47.719	7.706	6.154	2.583	28.649	0.367	32.209	
28/11/2025 10:10:00	39.392	7.705	6.145	2.577	28.655	0.371	32.214	
28/11/2025 10:15:00	11.705	7.703	6.206	2.581	28.625	0.368	32.223	
28/11/2025 10:20:00	11.728	7.705	6.037	2.581	28.589	0.369	32.237	
28/11/2025 10:25:00	11.692	7.699	6.241	2.732	29.471	0.367	32.234	
28/11/2025 10:30:00	11.709	7.699	6.107	2.588	28.685	0.368	32.247	
28/11/2025 10:35:00	11.709	7.704	5.944	2.588	28.673	0.376	32.263	
28/11/2025 10:40:00	11.696	7.703	5.983	2.587	28.667	0.368	32.293	
28/11/2025 10:45:00	11.682	7.704	5.848	2.590	28.625	0.370	32.305	
28/11/2025 10:50:00	11.692	7.707	5.896	2.589	28.613	0.370	32.306	
28/11/2025 10:55:00	11.623	7.708	5.801	2.596	28.619	0.373	32.306	
28/11/2025 11:00:00	11.673	7.708	5.839	2.603	28.703	0.371	32.306	
28/11/2025 11:05:00	11.594	7.707	5.854	2.602	28.691	0.372	32.306	
28/11/2025 11:10:00	11.591	7.706	5.668	2.601	28.661	0.372	32.310	
28/11/2025 11:15:00	11.666	7.706	5.789	2.619	28.709	0.375	32.345	
28/11/2025 11:20:00	11.637	7.708	5.669	2.620	28.739	0.373	32.356	
28/11/2025 11:25:00	11.646	7.705	5.729	2.637	28.775	0.375	32.381	
28/11/2025 11:30:00	11.620	7.701	5.669	2.651	28.859	0.371	32.384	
28/11/2025 11:35:00	11.561	7.697	5.636	2.637	28.769	0.371	32.406	
28/11/2025 11:40:00	11.591	7.699	5.588	2.657	28.847	0.373	32.487	
28/11/2025 11:45:00	11.518	7.698	5.597	2.647	28.841	0.370	32.505	
28/11/2025 11:50:00	11.532	7.705	5.558	2.669	28.955	0.227	32.506	
28/11/2025 11:55:00	11.541	7.705	5.561	2.687	28.979	0.358	32.506	
28/11/2025 12:00:00	11.518	7.705	5.560	2.677	28.943	0.364	32.506	
28/11/2025 12:05:00	11.456	7.702	5.572	2.668	28.985	0.370	32.506	
28/11/2025 12:10:00	11.440	7.700	5.489	2.688	29.045	0.370	32.506	
28/11/2025 12:15:00	11.505	7.703	187.951	4.219	38.167	0.385	32.404	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
28/11/2025 12:20:00	11.436	7.737	170.702	4.308	38.701	0.376	32.506	
28/11/2025 12:25:00	11.456	7.742	151.948	5.191	43.976	0.373	32.506	
28/11/2025 12:30:00	11.427	7.735	124.340	4.327	38.749	0.385	32.572	
28/11/2025 12:35:00	11.433	7.718	12.036	4.199	38.011	0.377	32.605	
28/11/2025 12:40:00	11.387	7.704	7.727	3.853	35.958	0.386	32.605	
28/11/2025 12:45:00	64.382	7.687	6.647	4.522	39.859	0.385	32.607	
28/11/2025 12:50:00	61.449	7.677	6.332	3.831	35.814	0.391	32.694	
28/11/2025 12:55:00	69.208	7.670	5.962	3.253	32.250	0.389	32.705	
28/11/2025 13:05:00	71.580	7.663	5.671	3.094	31.235	0.384	32.705	
28/11/2025 13:10:00	58.254	7.661	5.615	2.978	30.599	0.387	32.705	
28/11/2025 13:15:00	63.887	7.658	5.524	2.999	30.689	0.392	32.705	
28/11/2025 13:20:00	56.272	7.659	5.491	3.061	31.085	0.388	32.705	
28/11/2025 13:25:00	60.865	7.653	5.458	3.041	30.965	0.399	32.705	
28/11/2025 13:30:00	58.129	7.651	5.435	3.019	30.785	0.402	32.705	
28/11/2025 13:35:00	62.017	7.646	5.447	3.006	30.695	0.396	32.705	
28/11/2025 13:40:00	61.298	7.647	5.452	3.065	31.163	0.388	32.705	
28/11/2025 13:45:00	65.576	7.654	5.510	3.091	31.307	0.395	32.705	
28/11/2025 13:50:00	63.457	7.654	5.452	3.172	31.775	0.389	32.705	
28/11/2025 13:55:00	11.368	7.655	5.468	3.231	32.232	0.398	32.706	
28/11/2025 14:00:00	11.345	7.654	5.450	3.104	31.403	0.393	32.706	
28/11/2025 14:05:00	11.325	7.653	5.449	2.997	30.767	0.398	32.706	
28/11/2025 14:10:00	11.364	7.651	5.452	2.925	30.347	0.398	32.706	
28/11/2025 14:15:00	11.354	7.645	5.444	2.932	30.335	0.402	32.707	
28/11/2025 14:20:00	11.286	7.641	5.435	2.924	30.317	0.404	32.713	
28/11/2025 14:25:00	11.345	7.642	5.437	2.952	30.425	0.391	32.720	
28/11/2025 14:30:00	11.348	7.646	5.434	2.982	30.641	0.398	32.736	
28/11/2025 14:35:00	11.331	7.641	5.432	2.902	30.185	0.395	32.744	
28/11/2025 14:40:00	11.328	7.634	5.431	2.907	30.179	0.399	32.739	
28/11/2025 14:45:00	11.315	7.635	5.432	2.930	30.251	0.392	32.713	
28/11/2025 14:50:00	11.263	7.639	5.425	2.960	30.563	0.393	32.720	
28/11/2025 14:55:00	11.295	7.642	5.425	2.998	30.701	0.387	32.713	
28/11/2025 15:00:00	11.318	7.643	5.426	3.028	30.899	0.393	32.710	
28/11/2025 15:05:00	11.335	7.643	5.425	2.758	29.189	0.388	32.738	
28/11/2025 15:10:00	11.335	7.648	5.426	2.736	29.075	0.387	32.706	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
28/11/2025 15:15:00	11.289	7.648	5.428	2.745	29.225	0.384	32.706	
28/11/2025 15:20:00	11.249	7.652	5.431	2.759	29.381	0.391	32.706	
28/11/2025 15:25:00	11.322	7.653	5.435	2.788	29.465	0.389	32.706	
28/11/2025 15:30:00	11.276	7.652	5.438	2.783	29.429	0.402	32.706	
28/11/2025 15:35:00	11.341	7.653	5.434	3.057	31.043	0.378	32.706	
28/11/2025 15:40:00	11.308	7.653	5.437	2.795	29.513	0.389	32.706	
28/11/2025 15:45:00	11.263	7.654	5.432	2.810	29.543	0.396	32.706	
28/11/2025 15:50:00	11.335	7.657	5.432	2.831	29.753	0.389	32.706	
28/11/2025 15:55:00	11.331	7.664	5.438	2.847	29.789	0.388	32.706	
28/11/2025 16:00:00	24.776	7.663	5.450	2.877	30.011	0.382	32.706	
28/11/2025 16:05:00	11.400	7.666	5.452	2.886	30.059	0.401	32.706	
28/11/2025 16:10:00	11.341	7.666	5.459	2.909	30.173	0.388	32.706	
28/11/2025 16:15:00	11.417	7.676	182.761	4.265	38.269	0.396	32.606	
28/11/2025 16:20:00	11.413	7.711	175.883	4.614	40.417	0.387	32.701	
28/11/2025 16:25:00	52.666	7.710	157.487	4.408	39.241	0.391	32.705	
28/11/2025 16:30:00	40.478	7.699	27.108	3.792	35.550	0.395	32.705	
28/11/2025 16:35:00	66.065	7.681	9.435	3.758	35.322	0.387	32.705	
28/11/2025 16:40:00	68.998	7.670	7.676	3.658	34.776	0.389	32.705	
28/11/2025 16:45:00	11.374	7.666	7.073	3.545	34.038	0.390	32.705	
28/11/2025 16:50:00	11.469	7.659	6.661	3.675	34.842	0.397	32.705	
28/11/2025 16:55:00	11.397	7.659	6.629	3.664	34.896	0.396	32.705	
28/11/2025 17:00:00	11.433	7.653	6.613	3.303	32.712	0.390	32.705	
28/11/2025 17:05:00	11.555	7.648	6.272	3.387	33.156	0.396	32.705	
28/11/2025 17:10:00	11.515	7.646	6.175	3.253	32.472	0.392	32.705	
28/11/2025 17:15:00	11.604	7.641	6.181	3.066	31.331	0.396	32.705	
28/11/2025 17:20:00	53.385	7.642	6.272	3.068	31.403	0.396	32.705	
28/11/2025 17:25:00	59.448	7.643	6.139	3.056	31.295	0.394	32.705	
28/11/2025 17:30:00	49.763	7.645	6.205	3.079	31.439	0.394	32.705	
28/11/2025 17:35:00	54.061	7.646	6.247	3.096	31.559	0.406	32.705	
28/11/2025 17:40:00	47.348	7.648	6.197	3.176	32.130	0.403	32.705	
28/11/2025 17:45:00	41.751	7.648	6.190	3.188	32.214	0.402	32.705	
28/11/2025 17:50:00	79.743	7.643	6.164	3.217	32.394	0.404	32.705	
28/11/2025 17:55:00	69.438	7.642	6.317	3.256	32.592	0.393	32.705	
28/11/2025 18:00:00	70.288	7.641	6.406	3.272	32.718	0.390	32.703	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
28/11/2025 18:05:00	72.837	7.642	6.239	3.286	32.844	0.404	32.686	
28/11/2025 18:10:00	70.924	7.637	6.353	3.620	34.860	0.384	32.669	
28/11/2025 18:15:00	67.328	7.637	6.292	3.363	33.246	0.402	32.608	
28/11/2025 18:20:00	41.751	7.639	6.397	3.380	33.354	0.414	32.606	
28/11/2025 18:25:00	45.101	7.639	6.256	3.394	33.504	0.388	32.606	
28/11/2025 18:30:00	44.536	7.643	6.347	3.408	33.588	0.390	32.606	
28/11/2025 18:35:00	59.894	7.649	6.427	3.414	33.558	0.402	32.606	
28/11/2025 18:40:00	61.718	7.653	6.460	3.422	33.582	0.388	32.606	
28/11/2025 18:45:00	50.412	7.657	6.254	3.360	33.294	0.413	32.606	
28/11/2025 18:50:00	37.529	7.659	6.574	3.433	33.732	0.402	32.606	
28/11/2025 18:55:00	11.751	7.661	6.259	3.432	33.726	0.393	32.605	
28/11/2025 19:00:00	11.742	7.662	6.421	3.470	33.972	0.414	32.605	
28/11/2025 19:05:00	11.712	7.667	6.190	3.484	34.080	0.397	32.604	
28/11/2025 19:10:00	11.751	7.667	6.217	3.500	34.116	0.407	32.587	
28/11/2025 19:15:00	11.794	7.668	6.187	3.483	34.014	0.391	32.557	
28/11/2025 19:20:00	11.794	7.669	6.170	3.525	34.248	0.397	32.550	
28/11/2025 19:25:00	11.768	7.673	6.319	3.514	34.248	0.401	32.529	
28/11/2025 19:30:00	11.784	7.675	6.263	3.524	34.392	0.401	32.508	
28/11/2025 19:35:00	11.794	7.675	6.278	3.525	34.374	0.400	32.506	
28/11/2025 19:40:00	11.830	7.673	6.364	3.548	34.518	0.386	32.506	
28/11/2025 19:45:00	11.837	7.674	6.167	3.641	35.052	0.406	32.506	
28/11/2025 19:50:00	11.837	7.675	6.203	3.600	34.740	0.385	32.506	
28/11/2025 19:55:00	11.817	7.680	6.326	3.600	34.770	0.388	32.506	
28/11/2025 20:00:00	11.833	7.684	6.331	3.595	34.782	0.401	32.506	
28/11/2025 20:05:00	11.876	7.686	6.455	3.587	34.788	0.393	32.506	
28/11/2025 20:10:00	11.873	7.691	10.575	3.632	35.010	0.391	32.506	
28/11/2025 20:15:00	11.925	7.700	160.260	5.051	43.574	0.405	32.506	
28/11/2025 20:20:00	11.912	7.697	190.349	6.053	49.551	0.394	32.506	
28/11/2025 20:25:00	11.843	7.692	148.194	6.065	49.689	0.395	32.506	
28/11/2025 20:30:00	11.892	7.681	41.804	6.302	51.081	0.400	32.506	
28/11/2025 20:35:00	11.889	7.676	52.690	6.399	51.651	0.398	32.506	
28/11/2025 20:40:00	11.817	7.669	65.213	6.389	51.609	0.403	32.506	
28/11/2025 20:45:00	11.889	7.668	77.347	6.154	50.235	0.399	32.506	
28/11/2025 20:50:00	11.906	7.665	85.476	5.641	47.120	0.403	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
28/11/2025 20:55:00	11.935	7.669	92.385	5.284	45.008	0.402	32.506	
28/11/2025 21:00:00	11.892	7.669	98.812	5.155	44.162	0.402	32.506	
28/11/2025 21:05:00	45.101	7.669	106.629	5.221	44.576	0.400	32.506	
28/11/2025 21:10:00	44.904	7.671	113.710	5.293	44.996	0.399	32.506	
28/11/2025 21:15:00	49.655	7.673	118.286	5.144	44.126	0.409	32.506	
28/11/2025 21:20:00	41.761	7.675	125.811	4.367	39.463	0.421	32.506	
28/11/2025 21:25:00	34.248	7.675	133.165	4.486	40.183	0.406	32.506	
28/11/2025 21:30:00	47.689	7.678	137.554	4.450	39.997	0.395	32.506	
28/11/2025 21:35:00	52.945	7.680	139.496	4.595	40.825	0.433	32.506	
28/11/2025 21:40:00	56.987	7.679	141.497	4.766	41.821	0.406	32.506	
28/11/2025 21:45:00	58.585	7.681	139.916	4.831	42.211	0.403	32.506	
28/11/2025 21:50:00	56.567	7.684	138.101	4.780	41.953	0.398	32.506	
28/11/2025 21:55:00	60.662	7.688	139.233	5.066	43.634	0.400	32.506	
28/11/2025 22:00:00	62.115	7.689	139.707	4.959	42.986	0.402	32.505	
28/11/2025 22:05:00	57.312	7.692	136.828	4.952	42.962	0.405	32.502	
28/11/2025 22:10:00	53.578	7.692	134.188	5.037	43.598	0.399	32.451	
28/11/2025 22:15:00	50.891	7.693	132.044	4.909	42.686	0.402	32.410	
28/11/2025 22:20:00	49.323	7.691	129.627	4.656	41.185	0.413	32.406	
28/11/2025 22:25:00	45.350	7.692	127.695	4.668	41.287	0.404	32.406	
28/11/2025 22:30:00	39.061	7.692	125.793	4.674	41.293	0.406	32.405	
28/11/2025 22:35:00	55.422	7.692	126.024	4.717	41.515	0.411	32.393	
28/11/2025 22:40:00	63.926	7.695	123.974	4.710	41.503	0.404	32.362	
28/11/2025 22:45:00	11.961	7.698	121.241	4.696	41.377	0.407	32.356	
28/11/2025 22:50:00	11.948	7.699	118.274	4.476	40.189	0.404	32.354	
28/11/2025 22:55:00	11.981	7.699	116.641	4.648	41.131	0.403	32.341	
28/11/2025 23:00:00	11.899	7.703	109.755	4.734	41.749	0.402	32.326	
28/11/2025 23:05:00	11.932	7.709	102.606	4.749	41.791	0.404	32.308	
28/11/2025 23:10:00	11.945	7.710	97.945	4.814	42.277	0.402	32.306	
28/11/2025 23:15:00	11.965	7.715	92.245	4.929	42.890	0.404	32.306	
28/11/2025 23:20:00	11.938	7.720	87.072	6.188	50.457	0.394	32.306	
28/11/2025 23:25:00	11.974	7.719	79.414	4.865	42.548	0.403	32.306	
28/11/2025 23:30:00	11.938	7.721	74.697	4.886	42.698	0.408	32.306	
28/11/2025 23:35:00	11.945	7.723	67.277	4.866	42.452	0.389	32.306	
28/11/2025 23:40:00	12.007	7.727	57.400	4.896	42.680	0.399	32.306	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
28/11/2025 23:45:00	12.011	7.732	49.709	4.944	43.004	0.399	32.306	
28/11/2025 23:50:00	11.945	7.732	41.417	4.911	42.794	0.253	32.306	
28/11/2025 23:55:00	12.014	7.733	34.045	5.112	43.988	0.395	32.299	
29/11/2025 00:00:00	11.948	7.734	25.046	4.955	43.148	0.392	32.275	
29/11/2025 00:05:00	12.024	7.741	16.455	4.966	43.118	0.400	32.288	
29/11/2025 00:10:00	11.965	7.741	9.615	4.996	43.352	0.396	32.289	
29/11/2025 00:15:00	12.040	7.753	190.366	7.558	58.643	0.400	32.331	
29/11/2025 00:20:00	12.001	7.764	277.192	7.970	61.109	0.396	32.244	
29/11/2025 00:25:00	12.037	7.751	277.212	7.520	58.427	0.402	32.306	
29/11/2025 00:30:00	12.017	7.751	34.002	8.934	67.020	0.402	32.407	
29/11/2025 00:35:00	11.978	7.738	12.614	7.835	60.413	0.410	32.503	
29/11/2025 00:40:00	11.971	7.729	9.908	8.048	61.691	0.412	32.506	
29/11/2025 00:45:00	47.463	7.726	8.879	8.188	62.471	0.410	32.505	
29/11/2025 00:50:00	58.539	7.726	8.402	7.896	60.809	0.414	32.505	
29/11/2025 00:55:00	45.957	7.725	8.130	7.542	58.613	0.416	32.482	
29/11/2025 01:00:00	44.618	7.723	7.934	7.692	59.531	0.418	32.477	
29/11/2025 01:05:00	47.387	7.727	7.865	8.128	62.135	0.415	32.448	
29/11/2025 01:10:00	49.330	7.725	7.800	7.215	56.716	0.420	32.415	
29/11/2025 01:15:00	49.399	7.727	7.737	7.030	55.612	0.418	32.406	
29/11/2025 01:20:00	48.011	7.728	7.728	6.301	51.237	0.417	32.406	
29/11/2025 01:25:00	73.401	7.732	7.403	7.001	55.426	0.421	32.405	
29/11/2025 01:30:00	67.354	7.734	7.313	6.530	52.539	0.411	32.402	
29/11/2025 01:35:00	74.763	7.737	7.400	6.344	51.453	0.416	32.379	
29/11/2025 01:40:00	71.311	7.737	7.365	6.317	51.243	0.430	32.361	
29/11/2025 01:45:00	61.387	7.739	7.404	6.067	49.779	0.418	32.356	
29/11/2025 01:50:00	71.554	7.744	7.458	5.853	48.573	0.416	32.355	
29/11/2025 01:55:00	52.771	7.745	7.443	6.445	52.137	0.413	32.348	
29/11/2025 02:00:00	54.274	7.745	7.313	5.647	47.288	0.418	32.315	
29/11/2025 02:05:00	55.937	7.748	7.301	5.717	47.733	0.417	32.307	
29/11/2025 02:10:00	54.028	7.747	7.418	6.326	51.399	0.421	32.306	
29/11/2025 02:15:00	59.192	7.750	7.373	6.010	49.503	0.465	32.306	
29/11/2025 02:20:00	12.034	7.750	7.503	5.952	49.125	0.388	32.306	
29/11/2025 02:25:00	12.027	7.751	7.371	6.046	49.665	0.405	32.306	
29/11/2025 02:30:00	12.024	7.751	7.251	6.175	50.523	0.436	32.306	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
29/11/2025 02:35:00	12.063	7.749	7.184	6.118	50.127	0.409	32.306	
29/11/2025 02:40:00	12.073	7.751	7.251	6.174	50.523	0.405	32.305	
29/11/2025 02:45:00	12.043	7.755	7.066	6.109	50.067	0.416	32.287	
29/11/2025 02:50:00	12.007	7.756	7.142	6.160	50.445	0.410	32.263	
29/11/2025 02:55:00	12.030	7.761	7.072	6.133	50.193	0.415	32.247	
29/11/2025 03:00:00	12.014	7.763	7.030	6.447	52.143	0.410	32.216	
29/11/2025 03:10:00	12.066	7.765	7.057	6.185	50.547	0.412	32.206	
29/11/2025 03:15:00	12.027	7.768	7.027	6.076	49.893	0.421	32.206	
29/11/2025 03:20:00	12.073	7.772	6.920	5.972	49.251	0.415	32.206	
29/11/2025 03:25:00	12.093	7.771	6.929	6.027	49.587	0.415	32.206	
29/11/2025 03:30:00	12.020	7.772	7.004	5.577	46.904	0.441	32.202	
29/11/2025 03:35:00	12.040	7.772	6.976	5.498	46.376	0.411	32.172	
29/11/2025 03:40:00	12.093	7.776	6.928	5.801	48.219	0.414	32.158	
29/11/2025 03:45:00	12.086	7.777	7.045	5.920	48.969	0.415	32.156	
29/11/2025 03:50:00	12.034	7.778	6.934	6.057	49.833	0.415	32.153	
29/11/2025 03:55:00	12.047	7.782	6.946	6.099	50.055	0.410	32.132	
29/11/2025 04:00:00	12.086	7.791	6.850	6.164	50.481	0.410	32.107	
29/11/2025 04:05:00	12.040	7.791	6.806	6.071	49.827	0.410	32.106	
29/11/2025 04:10:00	12.099	7.793	6.832	5.977	49.251	0.409	32.106	
29/11/2025 04:15:00	12.093	7.811	169.712	8.276	63.102	0.409	32.206	
29/11/2025 04:20:00	12.066	7.827	186.216	9.834	72.433	0.418	32.106	
29/11/2025 04:25:00	12.132	7.821	152.636	9.449	70.045	0.418	32.205	
29/11/2025 04:30:00	12.086	7.805	72.997	9.012	67.512	0.522	32.304	
29/11/2025 04:35:00	12.102	7.787	13.891	8.448	64.116	0.687	32.306	
29/11/2025 04:40:00	12.093	7.771	10.313	6.917	54.976	0.814	32.326	
29/11/2025 04:45:00	42.076	7.762	9.125	6.527	52.641	0.899	32.332	
29/11/2025 04:50:00	51.055	7.758	8.520	7.647	59.279	0.935	32.318	
29/11/2025 04:55:00	48.962	7.751	8.316	6.089	49.953	0.958	32.310	
29/11/2025 05:00:00	46.820	7.743	8.145	6.074	49.965	0.960	32.307	
29/11/2025 05:05:00	41.318	7.738	7.835	6.375	51.669	0.996	32.306	
29/11/2025 05:10:00	69.192	7.732	7.653	6.112	50.061	1.020	32.306	
29/11/2025 05:15:00	57.164	7.731	7.656	5.860	48.585	1.042	32.306	
29/11/2025 05:20:00	48.349	7.729	7.508	5.824	48.375	1.065	32.306	
29/11/2025 05:25:00	64.244	7.729	7.553	5.761	48.033	1.088	32.306	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
29/11/2025 05:30:00	64.267	7.728	7.463	5.695	47.619	1.129	32.306	
29/11/2025 05:35:00	64.215	7.729	7.343	5.538	46.640	1.151	32.294	
29/11/2025 05:40:00	65.022	7.724	7.322	5.601	47.084	1.147	32.268	
29/11/2025 05:45:00	69.097	7.726	7.229	5.575	46.970	1.154	32.246	
29/11/2025 05:50:00	62.866	7.726	7.370	5.702	47.721	1.173	32.221	
29/11/2025 05:55:00	50.494	7.728	7.316	5.689	47.613	1.178	32.207	
29/11/2025 06:00:00	56.771	7.721	7.269	5.711	47.727	1.189	32.206	
29/11/2025 06:05:00	48.585	7.727	7.130	6.389	51.807	1.206	32.206	
29/11/2025 06:10:00	49.589	7.725	7.302	6.033	49.677	1.222	32.206	
29/11/2025 06:15:00	46.685	7.728	7.320	5.904	48.921	1.220	32.205	
29/11/2025 06:20:00	50.311	7.729	7.292	5.812	48.375	1.216	32.194	
29/11/2025 06:25:00	54.028	7.730	7.277	5.717	47.835	1.245	32.166	
29/11/2025 06:30:00	12.089	7.731	7.245	5.712	47.733	1.237	32.156	
29/11/2025 06:35:00	12.116	7.736	7.157	5.660	47.408	1.237	32.148	
29/11/2025 06:40:00	12.099	7.731	7.305	5.959	49.209	1.255	32.138	
29/11/2025 06:45:00	12.083	7.735	7.292	5.765	48.045	1.260	32.112	
29/11/2025 06:50:00	12.070	7.735	7.206	5.694	47.613	1.257	32.107	
29/11/2025 06:55:00	12.073	7.736	7.187	5.735	47.901	1.265	32.107	
29/11/2025 07:00:00	12.063	7.737	7.187	5.652	47.414	1.257	32.106	
29/11/2025 07:05:00	12.040	7.740	7.475	6.552	52.714	1.217	32.106	
29/11/2025 07:10:00	12.066	7.739	7.359	5.649	47.330	1.276	32.106	
29/11/2025 07:15:00	12.034	7.739	7.233	5.682	47.540	1.280	32.106	
29/11/2025 07:20:00	12.037	7.738	7.085	5.711	47.643	1.287	32.106	
29/11/2025 07:25:00	12.040	7.737	7.286	5.702	47.625	1.283	32.106	
29/11/2025 07:30:00	12.034	7.742	7.283	5.657	47.378	1.295	32.106	
29/11/2025 07:35:00	12.011	7.747	7.304	6.055	49.725	1.298	32.106	
29/11/2025 07:40:00	12.004	7.743	7.284	5.534	46.592	1.308	32.106	
29/11/2025 07:45:00	11.958	7.745	7.205	5.635	47.162	1.291	32.106	
29/11/2025 07:50:00	11.958	7.744	7.084	5.679	47.366	1.300	32.106	
29/11/2025 07:55:00	11.945	7.742	6.959	5.748	47.799	1.294	32.106	
29/11/2025 08:00:00	11.948	7.749	6.929	5.732	47.679	1.300	32.106	
29/11/2025 08:05:00	11.889	7.748	6.893	5.745	47.799	1.310	32.106	
29/11/2025 08:10:00	11.932	7.748	6.916	5.415	45.818	1.326	32.106	
29/11/2025 08:15:00	11.978	7.755	161.205	9.302	69.103	1.308	32.161	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
29/11/2025 08:20:00	11.929	7.752	189.574	9.000	67.278	1.368	32.106	
29/11/2025 08:25:00	11.902	7.743	158.340	8.999	67.236	1.459	32.200	
29/11/2025 08:30:00	11.886	7.737	32.004	8.848	66.306	1.549	32.306	
29/11/2025 08:35:00	11.863	7.733	11.561	7.782	59.981	1.636	32.352	
29/11/2025 08:40:00	11.869	7.727	9.579	8.059	61.691	1.711	32.356	
29/11/2025 08:45:00	47.407	7.725	8.712	6.837	54.268	1.750	32.358	
29/11/2025 08:50:00	53.001	7.722	8.106	6.702	53.386	1.787	32.368	
29/11/2025 08:55:00	43.857	7.717	7.661	6.641	53.086	1.842	32.381	
29/11/2025 09:00:00	49.372	7.717	7.515	6.563	52.593	1.835	32.394	
29/11/2025 09:05:00	46.200	7.716	7.439	6.577	52.725	1.876	32.398	
29/11/2025 09:10:00	57.161	7.716	7.021	7.488	58.163	1.889	32.403	
29/11/2025 09:15:00	60.202	7.715	7.097	6.829	54.172	1.877	32.404	
29/11/2025 09:20:00	62.712	7.713	6.943	7.020	55.336	1.881	32.405	
29/11/2025 09:25:00	55.537	7.713	7.057	7.097	55.672	1.910	32.405	
29/11/2025 09:30:00	59.933	7.713	6.928	6.988	55.066	1.905	32.406	
29/11/2025 09:35:00	55.777	7.714	6.788	7.193	56.314	1.933	32.406	
29/11/2025 09:40:00	69.435	7.723	6.848	7.770	59.669	1.927	32.406	
29/11/2025 09:45:00	47.184	7.716	6.692	7.354	57.262	1.939	32.406	
29/11/2025 09:50:00	46.935	7.716	6.730	7.558	58.361	1.971	32.408	
29/11/2025 09:55:00	49.737	7.715	6.722	7.548	58.391	1.958	32.459	
29/11/2025 10:00:00	54.720	7.718	6.722	7.650	58.937	1.967	32.505	
29/11/2025 10:05:00	49.710	7.722	6.622	7.794	59.813	1.981	32.506	
29/11/2025 10:10:00	52.348	7.721	6.473	7.976	60.929	1.993	32.506	
29/11/2025 10:15:00	57.240	7.724	6.346	8.386	63.240	1.989	32.506	
29/11/2025 10:20:00	11.584	7.719	6.383	8.424	63.444	2.003	32.506	
29/11/2025 10:25:00	11.600	7.717	6.265	7.975	60.833	2.008	32.506	
29/11/2025 10:30:00	11.512	7.718	6.220	7.936	60.563	2.014	32.506	
29/11/2025 10:35:00	11.555	7.719	6.172	7.976	60.767	2.030	32.535	
29/11/2025 10:40:00	11.522	7.718	5.996	8.024	61.061	2.015	32.576	
29/11/2025 10:45:00	11.459	7.720	5.945	7.937	60.473	2.026	32.605	
29/11/2025 10:50:00	11.486	7.724	5.834	7.023	55.006	2.024	32.605	
29/11/2025 10:55:00	11.450	7.730	5.882	7.033	55.072	2.030	32.627	
29/11/2025 11:00:00	11.436	7.733	5.785	7.011	54.964	2.024	32.705	
29/11/2025 11:05:00	11.433	7.738	5.723	6.952	54.616	2.032	32.705	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
29/11/2025 11:10:00	11.492	7.742	5.671	6.930	54.394	2.041	32.705	
29/11/2025 11:15:00	11.394	7.740	5.651	6.891	54.226	2.056	32.706	
29/11/2025 11:20:00	11.404	7.740	5.555	6.790	53.572	2.040	32.754	
29/11/2025 11:25:00	11.400	7.746	5.597	6.546	52.041	2.030	32.806	
29/11/2025 11:30:00	11.368	7.744	5.660	6.516	51.807	2.068	32.806	
29/11/2025 11:35:00	11.341	7.743	5.579	6.521	51.909	2.059	32.855	
29/11/2025 11:40:00	11.325	7.739	5.468	6.545	51.975	2.079	32.906	
29/11/2025 11:45:00	11.341	7.736	5.446	7.010	54.730	2.056	32.906	
29/11/2025 11:50:00	11.345	7.730	5.483	6.894	54.070	1.342	32.906	
29/11/2025 11:55:00	11.318	7.730	5.504	6.482	51.603	1.959	32.906	
29/11/2025 12:00:00	11.295	7.731	5.422	6.349	50.829	2.027	32.956	
29/11/2025 12:05:00	11.233	7.731	5.423	6.212	49.941	2.045	32.972	
29/11/2025 12:10:00	11.249	7.727	5.419	6.112	49.401	2.040	33.006	
29/11/2025 12:15:00	11.302	7.714	163.155	9.085	67.134	2.071	32.706	
29/11/2025 12:20:00	11.315	7.721	172.846	8.485	63.582	2.102	32.901	
29/11/2025 12:25:00	11.322	7.724	147.123	10.894	78.038	2.166	32.906	
29/11/2025 12:30:00	11.335	7.707	92.724	8.903	66.120	2.212	32.909	
29/11/2025 12:35:00	11.325	7.684	11.228	8.340	62.789	2.254	32.956	
29/11/2025 12:40:00	11.328	7.670	7.710	8.340	62.717	2.292	32.976	
29/11/2025 12:45:00	48.326	7.658	6.737	8.117	61.397	2.299	33.006	
29/11/2025 12:50:00	40.816	7.650	6.161	7.727	59.051	2.347	33.006	
29/11/2025 12:55:00	49.031	7.646	5.911	7.703	58.949	2.344	33.006	
29/11/2025 13:00:00	60.402	7.639	5.804	7.782	59.369	2.355	33.006	
29/11/2025 13:05:00	58.191	7.636	5.776	7.083	55.198	2.351	33.033	
29/11/2025 13:10:00	76.492	7.632	5.830	7.582	58.223	2.417	33.056	
29/11/2025 13:15:00	70.484	7.627	5.669	7.758	59.249	2.382	33.091	
29/11/2025 13:20:00	69.136	7.622	5.623	6.107	49.329	2.393	33.066	
29/11/2025 13:25:00	75.973	7.618	5.611	6.256	50.277	2.404	33.106	
29/11/2025 13:30:00	59.310	7.617	5.656	6.190	49.809	2.419	33.106	
29/11/2025 13:35:00	54.359	7.615	5.585	6.253	50.217	2.419	33.106	
29/11/2025 13:40:00	58.427	7.616	5.522	5.619	46.364	2.431	33.106	
29/11/2025 13:45:00	56.728	7.614	5.531	5.751	47.210	2.438	33.106	
29/11/2025 13:55:00	56.242	7.612	5.389	5.626	46.298	2.448	33.124	
29/11/2025 14:00:00	57.197	7.607	5.387	5.821	47.655	2.450	33.138	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
29/11/2025 14:05:00	56.561	7.609	5.377	5.893	47.961	2.467	33.152	
29/11/2025 14:10:00	63.116	7.606	5.366	5.764	47.174	2.479	33.154	
29/11/2025 14:15:00	68.001	7.602	5.375	5.819	47.492	2.480	33.156	
29/11/2025 14:20:00	71.173	7.601	5.356	5.084	43.064	2.459	33.183	
29/11/2025 14:25:00	68.417	7.599	5.345	5.252	43.994	2.463	33.157	
29/11/2025 14:30:00	11.128	7.600	5.356	5.311	44.330	2.482	33.156	
29/11/2025 14:35:00	11.108	7.603	5.341	5.300	44.306	2.477	33.175	
29/11/2025 14:40:00	11.115	7.606	5.342	5.172	43.562	2.479	33.167	
29/11/2025 14:45:00	11.135	7.607	5.336	5.186	43.640	2.509	33.171	
29/11/2025 14:50:00	11.053	7.606	5.339	5.705	46.706	2.479	33.195	
29/11/2025 14:55:00	11.092	7.605	5.336	5.219	43.868	2.492	33.197	
29/11/2025 15:00:00	11.108	7.608	5.329	5.211	43.718	2.527	33.203	
29/11/2025 15:05:00	11.151	7.613	5.329	5.247	43.886	2.473	33.196	
29/11/2025 15:10:00	11.085	7.621	5.330	5.262	44.084	2.506	33.205	
29/11/2025 15:15:00	11.062	7.622	5.317	5.287	44.102	2.479	33.206	
29/11/2025 15:20:00	11.036	7.625	5.314	5.249	43.952	2.492	33.205	
29/11/2025 15:25:00	11.092	7.628	5.332	4.865	41.683	2.500	33.205	
29/11/2025 15:30:00	11.003	7.630	5.305	4.814	41.287	2.511	33.205	
29/11/2025 15:35:00	11.000	7.631	5.300	4.870	41.563	2.516	33.205	
29/11/2025 15:40:00	10.938	7.636	5.291	4.792	41.119	2.532	33.204	
29/11/2025 15:45:00	11.003	7.628	5.285	4.786	41.065	2.522	33.199	
29/11/2025 15:50:00	10.925	7.631	5.278	4.740	40.819	2.529	33.201	
29/11/2025 15:55:00	10.915	7.625	5.282	4.812	41.215	2.530	33.170	
29/11/2025 16:00:00	10.918	7.624	5.272	4.800	41.095	2.507	33.162	
29/11/2025 16:05:00	10.971	7.625	5.261	4.814	41.173	2.530	33.158	
29/11/2025 16:10:00	10.879	7.622	5.257	4.872	41.497	2.520	33.156	
29/11/2025 16:15:00	10.997	7.616	131.106	6.211	49.551	2.534	33.006	
29/11/2025 16:20:00	10.961	7.614	180.080	7.974	60.011	2.553	33.105	
29/11/2025 16:25:00	10.869	7.594	157.757	8.525	63.384	2.565	33.106	
29/11/2025 16:30:00	10.885	7.586	34.011	8.796	64.920	2.565	33.106	
29/11/2025 16:35:00	10.866	7.573	9.474	8.348	62.261	2.549	33.106	
29/11/2025 16:40:00	10.833	7.567	6.815	8.013	60.329	2.494	33.106	
29/11/2025 16:45:00	70.232	7.566	6.371	7.754	58.829	2.485	33.106	
29/11/2025 16:50:00	69.261	7.571	6.055	7.878	59.627	2.484	33.106	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
29/11/2025 16:55:00	66.600	7.575	5.921	8.244	61.901	2.513	33.106	
29/11/2025 17:00:00	64.907	7.578	6.142	8.213	61.799	2.483	33.106	
29/11/2025 17:05:00	89.287	7.579	6.068	8.026	60.785	2.458	33.106	
29/11/2025 17:10:00	64.664	7.583	6.235	7.934	60.251	2.509	33.106	
29/11/2025 17:15:00	54.986	7.583	6.278	8.164	61.649	2.491	33.104	
29/11/2025 17:20:00	51.459	7.585	6.296	8.306	62.615	2.476	33.091	
29/11/2025 17:25:00	44.035	7.579	6.485	9.188	67.902	2.459	33.072	
29/11/2025 17:30:00	51.308	7.582	6.409	9.015	66.900	2.462	33.053	
29/11/2025 17:35:00	49.609	7.584	6.410	8.664	64.848	2.454	33.039	
29/11/2025 17:40:00	48.385	7.586	6.641	8.477	63.684	2.444	33.022	
29/11/2025 17:45:00	43.647	7.586	6.469	8.067	61.283	2.417	33.008	
29/11/2025 17:50:00	48.198	7.585	6.487	7.940	60.587	2.461	33.006	
29/11/2025 17:55:00	48.664	7.586	6.617	7.046	55.192	2.453	33.006	
29/11/2025 18:00:00	57.719	7.587	6.641	7.347	57.172	2.459	33.006	
29/11/2025 18:05:00	59.097	7.588	6.584	7.237	56.458	2.428	33.006	
29/11/2025 18:10:00	55.993	7.587	6.730	7.179	56.182	2.430	33.006	
29/11/2025 18:15:00	62.059	7.585	6.727	7.280	56.722	2.464	33.005	
29/11/2025 18:20:00	11.637	7.584	6.739	7.394	57.376	2.441	32.994	
29/11/2025 18:25:00	11.640	7.585	6.739	7.343	57.202	2.459	32.969	
29/11/2025 18:30:00	11.712	7.588	6.694	6.811	54.010	2.450	32.957	
29/11/2025 18:35:00	11.705	7.588	6.776	6.291	50.793	2.472	32.956	
29/11/2025 18:40:00	11.712	7.588	6.611	6.642	52.978	2.465	32.954	
29/11/2025 18:45:00	11.715	7.591	6.806	6.665	53.098	2.444	32.944	
29/11/2025 18:50:00	11.719	7.591	6.623	6.624	52.900	2.427	32.922	
29/11/2025 18:55:00	11.761	7.592	6.796	6.615	52.779	2.447	32.909	
29/11/2025 19:00:00	11.732	7.589	6.565	6.745	53.620	2.462	32.906	
29/11/2025 19:05:00	11.705	7.590	6.806	6.726	53.506	2.438	32.906	
29/11/2025 19:10:00	11.699	7.588	6.773	6.718	53.458	2.443	32.906	
29/11/2025 19:15:00	11.705	7.594	6.635	6.687	53.224	2.450	32.906	
29/11/2025 19:20:00	11.643	7.594	6.503	6.628	52.798	2.463	32.906	
29/11/2025 19:25:00	11.686	7.592	6.532	6.591	52.647	2.440	32.906	
29/11/2025 19:30:00	11.679	7.589	6.524	6.583	52.509	2.444	32.906	
29/11/2025 19:35:00	11.686	7.589	6.544	6.532	52.233	2.455	32.906	
29/11/2025 19:40:00	11.666	7.593	6.715	6.454	51.789	2.479	32.906	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
29/11/2025 19:45:00	11.725	7.594	6.724	6.441	51.729	2.462	32.906	
29/11/2025 19:50:00	11.666	7.600	6.592	6.553	52.317	2.483	32.906	
29/11/2025 19:55:00	11.669	7.598	6.671	6.527	52.227	2.455	32.906	
29/11/2025 20:00:00	11.732	7.595	6.793	8.357	63.204	2.435	32.905	
29/11/2025 20:05:00	11.669	7.592	6.650	6.570	52.461	2.469	32.854	
29/11/2025 20:10:00	11.686	7.594	6.460	6.633	52.882	2.453	32.811	
29/11/2025 20:15:00	11.699	7.602	276.561	9.120	67.662	2.503	32.879	
29/11/2025 20:20:00	11.755	7.610	276.594	9.061	67.386	2.379	32.787	
29/11/2025 20:25:00	11.764	7.594	276.595	10.056	73.339	2.423	32.842	
29/11/2025 20:30:00	11.764	7.565	244.420	8.712	65.232	2.393	32.906	
29/11/2025 20:35:00	11.689	7.530	15.280	6.880	54.286	2.300	32.954	
29/11/2025 20:40:00	11.735	7.501	10.392	7.016	55.174	2.184	32.957	
29/11/2025 20:45:00	66.479	7.482	9.180	6.642	52.972	2.155	32.957	
29/11/2025 20:50:00	67.893	7.474	8.516	6.641	52.966	2.113	32.956	
29/11/2025 20:55:00	72.742	7.471	8.042	6.691	53.296	2.093	32.956	
29/11/2025 21:00:00	57.236	7.464	7.943	6.571	52.545	2.082	32.956	
29/11/2025 21:05:00	52.824	7.460	13.125	6.419	51.615	2.069	32.951	
29/11/2025 21:10:00	47.522	7.459	19.411	6.665	53.104	2.058	32.925	
29/11/2025 21:15:00	50.134	7.455	26.196	6.736	53.542	2.058	32.907	
29/11/2025 21:20:00	56.354	7.456	31.829	6.723	53.440	2.076	32.906	
29/11/2025 21:25:00	48.395	7.455	36.282	6.703	53.332	2.046	32.906	
29/11/2025 21:30:00	47.223	7.455	39.632	6.753	53.668	2.056	32.906	
29/11/2025 21:35:00	51.564	7.457	45.354	7.084	55.630	2.040	32.906	
29/11/2025 21:40:00	55.343	7.458	51.753	6.862	54.316	2.049	32.906	
29/11/2025 21:45:00	57.102	7.462	54.280	6.777	53.800	2.025	32.906	
29/11/2025 21:50:00	61.944	7.463	60.305	6.764	53.728	2.058	32.906	
29/11/2025 21:55:00	51.190	7.461	64.388	6.865	54.376	2.048	32.901	
29/11/2025 22:00:00	62.217	7.464	69.715	6.915	54.688	1.998	32.820	
29/11/2025 22:05:00	59.441	7.474	74.032	6.937	54.778	2.038	32.806	
29/11/2025 22:10:00	66.780	7.474	80.276	6.616	52.870	2.027	32.806	
29/11/2025 22:15:00	56.866	7.477	83.579	6.544	52.449	2.029	32.804	
29/11/2025 22:20:00	44.612	7.485	85.239	6.453	51.909	2.015	32.775	
29/11/2025 22:25:00	52.998	7.492	88.116	6.138	49.989	1.994	32.754	
29/11/2025 22:30:00	11.824	7.498	89.694	6.069	49.605	2.022	32.729	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
29/11/2025 22:35:00	11.820	7.508	91.953	7.482	58.043	1.994	32.707	
29/11/2025 22:40:00	11.847	7.514	94.466	6.192	50.343	2.016	32.706	
29/11/2025 22:45:00	11.847	7.520	98.861	6.206	50.469	2.012	32.706	
29/11/2025 22:50:00	11.794	7.527	101.187	6.263	50.781	2.010	32.706	
29/11/2025 22:55:00	11.889	7.540	101.309	6.305	51.009	1.998	32.706	
29/11/2025 23:00:00	11.850	7.542	99.293	6.349	51.339	2.021	32.706	
29/11/2025 23:05:00	11.827	7.550	97.750	6.392	51.555	2.010	32.706	
29/11/2025 23:10:00	11.847	7.560	93.879	5.979	49.101	2.014	32.706	
29/11/2025 23:15:00	11.830	7.565	88.251	6.091	49.743	2.016	32.705	
29/11/2025 23:20:00	11.847	7.567	81.865	6.195	50.409	1.991	32.704	
29/11/2025 23:25:00	11.886	7.577	76.189	6.287	50.931	1.992	32.690	
29/11/2025 23:30:00	11.850	7.580	70.002	6.365	51.483	2.009	32.647	
29/11/2025 23:35:00	11.824	7.585	65.307	6.351	51.369	1.993	32.614	
29/11/2025 23:40:00	11.866	7.587	58.072	6.066	49.671	2.022	32.606	
29/11/2025 23:45:00	11.883	7.585	50.612	6.030	49.461	2.006	32.606	
29/11/2025 23:50:00	11.906	7.585	42.802	6.045	49.467	1.442	32.605	
29/11/2025 23:55:00	11.866	7.585	35.890	6.030	49.455	1.930	32.605	
30/11/2025 00:00:00	11.909	7.586	27.473	6.059	49.587	1.980	32.605	
30/11/2025 00:05:00	11.899	7.585	20.015	6.023	49.377	1.978	32.605	
30/11/2025 00:10:00	11.869	7.585	13.882	6.559	52.659	1.997	32.605	
30/11/2025 00:15:00	11.886	7.585	189.775	7.754	59.717	2.047	32.705	
30/11/2025 00:20:00	11.876	7.575	189.754	8.546	64.530	1.969	32.606	
30/11/2025 00:25:00	11.899	7.547	276.955	8.532	64.398	1.956	32.705	
30/11/2025 00:30:00	11.883	7.515	45.338	8.546	64.566	1.888	32.788	
30/11/2025 00:35:00	11.886	7.492	13.543	7.361	57.406	1.743	32.806	
30/11/2025 00:40:00	11.879	7.479	10.095	7.233	56.632	1.673	32.806	
30/11/2025 00:45:00	53.181	7.472	9.318	7.534	58.475	1.603	32.806	
30/11/2025 00:50:00	47.486	7.470	8.867	7.626	59.027	1.604	32.806	
30/11/2025 00:55:00	60.734	7.472	8.453	7.745	59.741	1.558	32.806	
30/11/2025 01:00:00	45.389	7.470	8.096	7.802	60.071	1.556	32.806	
30/11/2025 01:05:00	47.912	7.475	7.863	7.898	60.617	1.567	32.806	
30/11/2025 01:10:00	60.202	7.476	8.048	9.664	71.233	1.487	32.804	
30/11/2025 01:15:00	57.066	7.475	7.652	8.679	65.358	1.512	32.784	
30/11/2025 01:20:00	46.252	7.476	7.589	8.392	63.618	1.491	32.764	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
30/11/2025 01:25:00	49.963	7.476	7.422	8.291	62.999	1.496	32.755	
30/11/2025 01:30:00	76.961	7.477	7.430	8.143	62.141	1.469	32.741	
30/11/2025 01:35:00	63.044	7.482	7.337	7.958	60.953	1.467	32.716	
30/11/2025 01:40:00	69.763	7.484	7.325	8.144	62.153	1.454	32.706	
30/11/2025 01:45:00	70.255	7.483	7.280	8.015	61.427	1.439	32.706	
30/11/2025 01:50:00	66.741	7.488	7.409	8.010	61.361	1.423	32.706	
30/11/2025 01:55:00	64.097	7.491	7.211	8.202	62.525	1.432	32.706	
30/11/2025 02:00:00	46.157	7.494	7.374	8.302	63.035	1.412	32.706	
30/11/2025 02:05:00	47.030	7.498	7.299	8.282	62.957	1.421	32.706	
30/11/2025 02:10:00	54.664	7.500	7.081	8.294	63.053	1.397	32.706	
30/11/2025 02:15:00	49.110	7.500	7.117	8.182	62.429	1.417	32.706	
30/11/2025 02:20:00	11.919	7.504	7.239	9.047	67.602	1.363	32.706	
30/11/2025 02:25:00	11.955	7.507	7.046	8.656	65.220	1.376	32.706	
30/11/2025 02:30:00	11.991	7.516	7.160	8.606	64.902	1.388	32.706	
30/11/2025 02:35:00	11.961	7.517	7.133	7.477	58.169	1.389	32.705	
30/11/2025 02:40:00	11.942	7.518	7.103	7.620	59.015	1.369	32.698	
30/11/2025 02:45:00	11.961	7.520	6.949	7.778	59.981	1.357	32.620	
30/11/2025 02:50:00	11.968	7.522	6.989	7.769	60.053	1.348	32.606	
30/11/2025 02:55:00	11.974	7.528	6.938	7.820	60.209	1.381	32.606	
30/11/2025 03:00:00	11.988	7.529	7.108	7.771	59.969	1.350	32.606	
30/11/2025 03:05:00	11.965	7.530	7.072	7.884	60.641	1.340	32.606	
30/11/2025 03:10:00	11.997	7.531	7.070	8.195	62.441	1.343	32.606	
30/11/2025 03:15:00	11.988	7.530	6.953	7.828	60.437	1.325	32.606	
30/11/2025 03:20:00	11.958	7.530	7.022	7.772	60.017	1.334	32.606	
30/11/2025 03:25:00	11.958	7.530	7.066	7.822	60.221	1.331	32.605	
30/11/2025 03:30:00	11.968	7.534	7.151	7.915	60.935	1.324	32.604	
30/11/2025 03:35:00	11.974	7.534	7.042	7.945	61.013	1.324	32.587	
30/11/2025 03:40:00	11.886	7.536	6.967	7.945	60.995	1.319	32.562	
30/11/2025 03:45:00	11.968	7.533	7.084	8.988	67.314	1.303	32.554	
30/11/2025 03:50:00	11.955	7.539	6.901	8.251	62.807	1.312	32.523	
30/11/2025 03:55:00	11.997	7.539	6.872	8.202	62.597	1.312	32.506	
30/11/2025 04:00:00	11.994	7.539	6.757	8.238	62.717	1.299	32.506	
30/11/2025 04:05:00	11.991	7.541	6.820	8.209	62.597	1.293	32.506	
30/11/2025 04:10:00	11.988	7.542	6.796	8.296	63.143	1.302	32.506	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
30/11/2025 04:15:00	11.981	7.550	176.160	11.521	82.485	1.285	32.576	
30/11/2025 04:20:00	11.978	7.548	180.218	12.499	88.318	1.272	32.506	
30/11/2025 04:25:00	12.001	7.525	162.420	12.201	86.542	1.179	32.606	
30/11/2025 04:30:00	11.974	7.509	133.183	11.090	79.827	1.057	32.804	
30/11/2025 04:35:00	11.958	7.497	17.028	11.013	79.419	0.951	32.906	
30/11/2025 04:40:00	11.994	7.497	11.070	11.126	80.079	0.859	32.906	
30/11/2025 04:45:00	41.098	7.501	9.432	10.839	78.434	0.800	32.906	
30/11/2025 04:50:00	53.654	7.507	8.666	11.091	79.989	0.761	32.906	
30/11/2025 04:55:00	56.354	7.511	8.342	10.568	76.778	0.731	32.906	
30/11/2025 05:00:00	61.636	7.516	8.111	10.291	75.140	0.715	32.906	
30/11/2025 05:05:00	58.673	7.523	7.898	10.201	74.576	0.700	32.906	
30/11/2025 05:10:00	75.963	7.528	7.674	10.347	75.458	0.690	32.906	
30/11/2025 05:15:00	70.924	7.537	7.631	10.285	75.038	0.688	32.906	
30/11/2025 05:20:00	69.989	7.548	7.422	10.064	73.748	0.677	32.906	
30/11/2025 05:25:00	67.394	7.549	7.560	8.277	63.059	0.675	32.906	
30/11/2025 05:30:00	49.123	7.554	7.349	8.076	61.757	0.678	32.906	
30/11/2025 05:35:00	60.888	7.557	7.224	7.920	60.899	0.667	32.899	
30/11/2025 05:40:00	51.131	7.563	7.221	7.878	60.611	0.658	32.854	
30/11/2025 05:45:00	53.339	7.571	7.253	7.975	61.265	0.652	32.806	
30/11/2025 05:50:00	56.774	7.572	7.019	7.470	58.157	0.657	32.806	
30/11/2025 05:55:00	48.106	7.571	7.061	7.579	58.925	0.651	32.806	
30/11/2025 06:00:00	48.762	7.577	7.172	7.572	58.787	0.644	32.805	
30/11/2025 06:05:00	52.988	7.581	7.096	7.622	59.147	0.658	32.795	
30/11/2025 06:10:00	61.584	7.581	7.043	7.600	59.021	0.651	32.768	
30/11/2025 06:15:00	67.735	7.582	7.045	7.627	59.099	0.653	32.755	
30/11/2025 06:20:00	71.472	7.580	7.208	8.678	65.514	0.636	32.733	
30/11/2025 06:25:00	12.027	7.585	7.046	7.292	57.076	0.644	32.707	
30/11/2025 06:30:00	11.988	7.590	7.057	2.547	28.721	0.691	32.705	
30/11/2025 06:35:00	11.994	7.592	7.283	2.310	27.215	0.640	32.705	
30/11/2025 06:40:00	11.984	7.593	7.030	2.303	27.209	0.635	32.705	
30/11/2025 06:45:00	11.948	7.593	6.950	2.295	27.167	0.634	32.705	
30/11/2025 06:50:00	11.991	7.592	7.081	2.295	27.119	0.629	32.705	
30/11/2025 06:55:00	11.909	7.593	7.328	2.286	27.059	0.632	32.705	
30/11/2025 07:00:00	11.942	7.597	7.133	2.278	27.059	0.625	32.705	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
30/11/2025 07:05:00	11.909	7.598	6.908	2.279	27.029	0.638	32.705	
30/11/2025 07:10:00	11.971	7.599	6.950	2.271	26.993	0.634	32.705	
30/11/2025 07:15:00	11.984	7.602	6.959	2.269	26.927	0.621	32.705	
30/11/2025 07:20:00	11.883	7.606	7.214	2.261	26.897	0.623	32.705	
30/11/2025 07:25:00	11.978	7.607	7.127	2.261	26.921	0.634	32.705	
30/11/2025 07:30:00	11.965	7.611	6.991	2.251	26.885	0.633	32.705	
30/11/2025 07:35:00	11.942	7.618	6.964	2.251	26.716	0.635	32.705	
30/11/2025 07:40:00	11.791	7.617	6.902	2.248	26.711	0.634	32.703	
30/11/2025 07:45:00	11.892	7.617	6.998	2.240	26.681	0.613	32.692	
30/11/2025 07:50:00	11.856	7.618	7.027	2.239	26.674	0.627	32.669	
30/11/2025 07:55:00	11.810	7.622	6.880	2.235	26.638	0.618	32.622	
30/11/2025 08:00:00	11.837	7.624	6.701	2.227	26.596	0.611	32.617	
30/11/2025 08:05:00	11.781	7.622	6.805	2.230	26.584	0.599	32.609	
30/11/2025 08:10:00	11.728	7.627	6.776	2.225	26.458	0.613	32.607	
30/11/2025 08:15:00	11.810	7.635	186.229	2.873	30.359	0.636	32.705	
30/11/2025 08:20:00	11.833	7.645	194.282	2.864	30.317	0.620	32.705	
30/11/2025 08:25:00	11.781	7.618	167.281	3.398	33.540	0.594	32.789	
30/11/2025 08:30:00	11.725	7.606	40.784	2.831	30.107	0.564	32.906	
30/11/2025 08:35:00	11.689	7.608	12.954	2.629	28.901	0.571	32.948	
30/11/2025 08:40:00	11.637	7.618	10.254	2.605	28.745	0.561	32.958	
30/11/2025 08:45:00	11.630	7.617	9.090	2.574	28.505	0.571	32.980	
30/11/2025 08:50:00	11.656	7.621	8.220	2.587	28.559	0.576	32.987	
30/11/2025 08:55:00	11.568	7.621	7.943	2.577	28.535	0.568	32.985	
30/11/2025 09:00:00	11.627	7.630	7.674	2.619	28.769	0.561	32.989	
30/11/2025 09:05:00	11.620	7.634	7.590	2.643	28.859	0.566	32.985	
30/11/2025 09:10:00	11.610	7.639	7.337	2.483	27.869	0.560	32.985	
30/11/2025 09:15:00	11.620	7.646	7.307	2.455	27.761	0.550	32.978	
30/11/2025 09:20:00	11.614	7.650	7.487	2.441	27.653	0.555	32.995	
30/11/2025 09:25:00	49.349	7.657	6.877	2.427	27.533	0.552	33.006	
30/11/2025 09:30:00	55.704	7.655	6.890	2.425	27.527	0.551	33.004	
30/11/2025 09:35:00	47.886	7.657	6.883	2.417	27.431	0.552	33.006	
30/11/2025 09:40:00	63.854	7.661	7.018	2.422	27.491	0.555	33.006	
30/11/2025 09:45:00	63.703	7.662	6.658	2.421	27.449	0.554	33.006	
30/11/2025 09:50:00	73.221	7.663	6.811	2.364	27.095	0.555	33.040	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
30/11/2025 09:55:00	69.658	7.669	6.311	2.355	26.999	0.560	33.062	
30/11/2025 10:00:00	64.503	7.666	6.347	2.346	26.963	0.561	33.088	
30/11/2025 10:05:00	63.923	7.676	6.151	2.344	26.921	0.555	33.106	
30/11/2025 10:10:00	49.858	7.678	6.022	2.333	26.903	0.557	33.106	
30/11/2025 10:15:00	53.237	7.684	6.062	2.325	26.765	0.563	33.106	
30/11/2025 10:20:00	54.569	7.691	6.179	2.315	26.716	0.557	33.111	
30/11/2025 10:25:00	47.407	7.695	6.005	2.308	26.723	0.551	33.154	
30/11/2025 10:30:00	47.450	7.695	5.737	2.298	26.590	0.555	33.162	
30/11/2025 10:35:00	64.920	7.702	6.034	2.289	26.572	0.552	33.206	
30/11/2025 10:40:00	60.993	7.704	5.936	2.288	26.560	0.552	33.226	
30/11/2025 10:45:00	57.364	7.710	5.737	2.281	26.392	0.553	33.307	
30/11/2025 10:50:00	60.859	7.718	5.719	2.271	26.380	0.549	33.307	
30/11/2025 10:55:00	60.560	7.719	5.638	2.270	26.356	0.561	33.307	
30/11/2025 11:00:00	11.299	7.716	5.471	2.260	26.350	0.559	33.307	
30/11/2025 11:05:00	11.279	7.717	5.428	2.259	26.212	0.546	33.307	
30/11/2025 11:10:00	11.289	7.718	5.477	2.251	26.194	0.546	33.308	
30/11/2025 11:15:00	11.308	7.717	5.567	2.249	26.200	0.557	33.360	
30/11/2025 11:20:00	11.236	7.719	5.506	2.251	26.200	0.553	33.407	
30/11/2025 11:25:00	11.322	7.724	5.428	2.246	26.218	0.551	33.407	
30/11/2025 11:30:00	11.266	7.722	5.504	2.249	26.230	0.551	33.407	
30/11/2025 11:35:00	11.266	7.722	5.539	2.249	26.260	0.557	33.495	
30/11/2025 11:40:00	11.322	7.721	5.435	2.249	26.242	0.553	33.508	
30/11/2025 11:45:00	11.374	7.723	5.428	2.241	26.146	0.552	33.508	
30/11/2025 11:50:00	11.331	7.722	5.437	2.249	26.242	0.402	33.508	
30/11/2025 11:55:00	11.318	7.726	5.429	2.239	26.128	0.539	33.557	
30/11/2025 12:00:00	11.289	7.724	5.423	2.240	26.104	0.543	33.599	
30/11/2025 12:05:00	11.292	7.723	5.420	2.234	26.098	0.550	33.608	
30/11/2025 12:10:00	11.276	7.721	5.425	2.232	26.074	0.544	33.608	
30/11/2025 12:15:00	11.259	7.716	163.828	3.298	32.430	0.542	33.307	
30/11/2025 12:20:00	11.315	7.734	171.914	3.160	31.541	0.537	33.508	
30/11/2025 12:25:00	11.282	7.728	151.057	3.145	31.535	0.553	33.508	
30/11/2025 12:30:00	11.256	7.711	120.944	3.144	31.421	0.547	33.608	
30/11/2025 12:35:00	11.256	7.690	11.885	2.632	28.463	0.550	33.709	
30/11/2025 12:40:00	11.226	7.680	7.620	2.604	28.247	0.543	33.709	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
30/11/2025 12:45:00	11.177	7.673	6.985	2.536	27.791	0.559	33.709	
30/11/2025 12:50:00	11.207	7.673	6.248	2.513	27.659	0.546	33.709	
30/11/2025 12:55:00	11.197	7.663	5.911	2.505	27.629	0.536	33.711	
30/11/2025 13:00:00	57.860	7.658	5.704	2.490	27.503	0.550	33.758	
30/11/2025 13:05:00	58.493	7.660	5.689	2.466	27.365	0.547	33.767	
30/11/2025 13:10:00	59.697	7.658	5.678	2.451	27.233	0.549	33.807	
30/11/2025 13:15:00	57.059	7.662	5.486	2.449	27.233	0.548	33.810	
30/11/2025 13:20:00	74.543	7.654	5.444	2.442	27.239	0.542	33.810	
30/11/2025 13:25:00	77.833	7.655	5.450	2.427	27.131	0.569	33.810	
30/11/2025 13:30:00	72.443	7.646	5.368	2.423	27.089	0.554	33.810	
30/11/2025 13:35:00	75.448	7.645	5.342	2.409	26.921	0.549	33.862	
30/11/2025 13:40:00	68.706	7.637	5.344	2.398	26.903	0.549	33.868	
30/11/2025 13:45:00	57.282	7.636	5.329	2.399	26.903	0.546	33.859	
30/11/2025 13:50:00	55.150	7.635	5.326	2.383	26.765	0.539	33.897	
30/11/2025 13:55:00	52.447	7.634	5.321	2.381	26.746	0.550	33.904	
30/11/2025 14:00:00	53.034	7.631	5.312	2.372	26.746	0.549	33.907	
30/11/2025 14:05:00	56.203	7.631	5.372	2.365	26.602	0.550	33.911	
30/11/2025 14:10:00	54.527	7.628	5.308	2.357	26.590	0.551	33.911	
30/11/2025 14:15:00	55.396	7.626	5.306	2.357	26.572	0.558	33.911	
30/11/2025 14:20:00	53.359	7.625	5.305	2.314	26.236	0.554	33.911	
30/11/2025 14:25:00	57.105	7.626	5.296	2.305	26.218	0.549	33.911	
30/11/2025 14:30:00	80.212	7.627	5.293	2.299	26.248	0.550	33.911	
30/11/2025 14:35:00	125.809	7.628	5.293	2.304	26.194	0.548	33.911	
30/11/2025 14:40:00	10.977	7.627	5.285	2.287	26.074	0.542	33.911	
30/11/2025 14:45:00	10.987	7.626	5.284	2.279	26.068	0.555	33.911	
30/11/2025 14:50:00	10.977	7.633	5.278	2.279	26.032	0.542	33.911	
30/11/2025 14:55:00	10.967	7.632	5.278	2.271	25.948	0.545	33.911	
30/11/2025 15:00:00	10.977	7.631	5.269	2.269	25.906	0.544	33.911	
30/11/2025 15:05:00	10.954	7.634	5.267	2.276	26.008	0.550	33.911	
30/11/2025 15:10:00	10.925	7.632	5.266	2.275	25.960	0.552	33.911	
30/11/2025 15:15:00	10.928	7.631	5.264	2.275	25.984	0.552	33.911	
30/11/2025 15:20:00	10.961	7.630	5.261	2.240	25.780	0.545	33.911	
30/11/2025 15:25:00	10.921	7.631	5.260	2.239	25.786	0.552	33.911	
30/11/2025 15:30:00	10.908	7.630	5.264	2.239	25.786	0.540	33.911	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
30/11/2025 15:35:00	10.918	7.633	5.263	2.239	25.780	0.556	33.911	
30/11/2025 15:40:00	10.951	7.640	5.258	2.247	25.792	0.529	33.911	
30/11/2025 15:45:00	10.974	7.640	5.264	2.231	25.696	0.545	33.910	
30/11/2025 15:50:00	10.921	7.645	5.249	2.232	25.654	0.536	33.901	
30/11/2025 15:55:00	10.948	7.646	5.264	2.233	25.696	0.544	33.868	
30/11/2025 16:00:00	10.961	7.644	5.269	2.234	25.690	0.552	33.861	
30/11/2025 16:05:00	10.990	7.643	5.267	2.234	25.714	0.539	33.841	
30/11/2025 16:10:00	10.977	7.646	5.299	2.243	25.846	0.550	33.851	
30/11/2025 16:15:00	10.987	7.647	171.964	2.799	29.093	0.552	33.708	
30/11/2025 16:20:00	10.997	7.685	167.775	3.292	32.052	0.548	33.810	
30/11/2025 16:30:00	10.938	7.659	32.974	2.692	28.421	0.548	33.800	
30/11/2025 16:35:00	10.934	7.650	9.498	2.573	27.797	0.542	33.773	
30/11/2025 16:40:00	10.987	7.645	7.718	2.490	27.305	0.541	33.762	
30/11/2025 16:45:00	47.118	7.641	6.910	2.505	27.413	0.540	33.759	
30/11/2025 16:50:00	56.426	7.646	6.718	2.495	27.467	0.541	33.757	
30/11/2025 16:55:00	59.313	7.647	6.559	2.515	27.653	0.537	33.749	
30/11/2025 17:00:00	58.555	7.645	6.479	2.579	28.115	0.541	33.733	
30/11/2025 17:05:00	57.309	7.646	6.446	2.564	28.043	0.540	33.721	
30/11/2025 17:10:00	62.479	7.644	6.568	2.595	28.217	0.540	33.712	
30/11/2025 17:15:00	51.341	7.645	6.448	2.630	28.523	0.534	33.709	
30/11/2025 17:20:00	50.481	7.648	6.443	2.668	28.781	0.531	33.709	
30/11/2025 17:25:00	47.328	7.650	6.529	2.396	27.137	0.531	33.709	
30/11/2025 17:30:00	45.048	7.652	6.451	2.405	27.287	0.535	33.709	
30/11/2025 17:35:00	44.077	7.657	6.497	2.392	27.239	0.529	33.709	
30/11/2025 17:40:00	41.912	7.656	6.362	2.389	27.299	0.527	33.709	
30/11/2025 17:45:00	48.811	7.660	6.484	2.400	27.311	0.538	33.709	
30/11/2025 17:50:00	44.051	7.666	6.485	2.395	27.281	0.540	33.709	
30/11/2025 17:55:00	43.546	7.668	6.268	2.389	27.317	0.544	33.709	
30/11/2025 18:00:00	61.967	7.670	6.292	2.254	26.542	0.540	33.709	
30/11/2025 18:05:00	63.765	7.671	6.307	2.243	26.452	0.536	33.709	
30/11/2025 18:10:00	59.671	7.678	6.335	2.246	26.542	0.536	33.709	
30/11/2025 18:15:00	60.717	7.679	6.244	2.244	26.560	0.535	33.685	
30/11/2025 18:20:00	11.689	7.685	6.290	2.241	26.476	0.536	33.631	
30/11/2025 18:25:00	98.243	7.684	6.352	2.237	26.488	0.533	33.611	

Date&Time	Flow in (m³/h)	pH	Flow out (m³/h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
30/11/2025 18:30:00	11.728	7.689	6.482	2.227	26.530	0.529	33.608	
30/11/2025 18:35:00	11.679	7.695	6.367	2.233	26.554	0.529	33.608	
30/11/2025 18:40:00	11.738	7.701	6.472	2.234	26.452	0.528	33.608	
30/11/2025 18:45:00	11.715	7.707	6.340	2.227	26.494	0.538	33.608	
30/11/2025 18:50:00	11.725	7.703	6.344	2.226	26.464	0.534	33.602	
30/11/2025 18:55:00	11.699	7.705	6.335	2.212	26.368	0.529	33.573	
30/11/2025 19:05:00	11.676	7.712	6.440	2.207	26.218	0.526	33.556	
30/11/2025 19:10:00	11.653	7.716	6.368	2.198	26.248	0.529	33.544	
30/11/2025 19:15:00	11.643	7.717	6.529	2.198	26.248	0.529	33.514	
30/11/2025 19:20:00	11.692	7.726	6.443	2.192	26.188	0.528	33.508	
30/11/2025 19:25:00	11.653	7.730	6.325	2.190	26.164	0.526	33.508	
30/11/2025 19:30:00	11.640	7.742	6.332	2.183	26.152	0.527	33.508	
30/11/2025 19:35:00	11.630	7.748	6.247	2.184	26.164	0.523	33.508	
30/11/2025 19:40:00	11.643	7.758	6.376	2.177	26.218	0.526	33.508	
30/11/2025 19:45:00	11.650	7.759	6.347	2.179	26.188	0.524	33.508	
30/11/2025 19:50:00	11.660	7.762	6.359	2.172	26.116	0.526	33.508	
30/11/2025 19:55:00	11.702	7.765	6.373	2.173	26.086	0.523	33.508	
30/11/2025 20:00:00	11.682	7.766	6.299	2.166	26.092	0.522	33.508	
30/11/2025 20:05:00	11.705	7.769	6.356	2.165	26.086	0.525	33.508	
30/11/2025 20:10:00	11.705	7.774	6.406	2.165	26.098	0.525	33.508	
30/11/2025 20:15:00	11.722	7.781	166.306	3.073	31.529	0.537	33.454	
30/11/2025 20:20:00	11.699	7.802	176.694	4.023	37.195	0.531	33.407	
30/11/2025 20:25:00	11.673	7.803	154.463	4.365	39.223	0.526	33.494	
30/11/2025 20:30:00	11.712	7.794	125.643	3.173	32.100	0.524	33.512	
30/11/2025 20:35:00	11.745	7.777	14.983	2.674	29.117	0.521	33.603	
30/11/2025 20:40:00	11.732	7.765	10.472	2.483	27.935	0.515	33.608	
30/11/2025 20:45:00	63.834	7.760	9.278	2.496	28.055	0.523	33.605	
30/11/2025 20:50:00	63.066	7.756	8.444	2.497	28.061	0.520	33.597	
30/11/2025 20:55:00	52.788	7.754	8.037	2.518	28.163	0.516	33.585	
30/11/2025 21:00:00	51.124	7.754	8.019	2.362	27.329	0.519	33.575	
30/11/2025 21:05:00	52.079	7.754	7.836	2.362	27.323	0.519	33.564	
30/11/2025 21:10:00	57.548	7.755	7.427	2.334	27.107	0.515	33.559	
30/11/2025 21:15:00	54.071	7.759	7.370	2.320	27.011	0.517	33.552	
30/11/2025 21:20:00	62.499	7.759	7.256	2.300	26.921	0.517	33.531	

Date&Time	Flow in (m ³ /h)	pH	Flow out (m ³ /h)	TSS (mg/l)	COD (mg/l)	NH ₄ (mg/l)	Temp (°C)	Ghi chú
30/11/2025 21:25:00	82.807	7.755	7.191	2.296	26.903	0.513	33.512	
30/11/2025 21:30:00	54.812	7.756	7.184	2.277	26.813	0.515	33.508	
30/11/2025 21:35:00	76.551	7.757	7.727	2.280	26.813	0.518	33.508	
30/11/2025 21:40:00	67.345	7.757	16.332	2.270	26.686	0.517	33.508	
30/11/2025 21:45:00	61.062	7.760	24.758	2.264	26.698	0.517	33.508	
30/11/2025 21:50:00	65.251	7.763	33.469	2.258	26.711	0.517	33.508	
30/11/2025 21:55:00	66.203	7.763	42.254	2.257	26.692	0.517	33.508	
30/11/2025 22:00:00	76.823	7.763	51.030	2.244	26.596	0.513	33.508	
30/11/2025 22:05:00	58.549	7.770	59.783	2.242	26.615	0.513	33.508	
30/11/2025 22:10:00	62.007	7.772	70.444	2.238	26.650	0.512	33.503	
30/11/2025 22:15:00	61.216	7.772	77.584	2.238	26.494	0.516	33.423	
30/11/2025 22:20:00	65.314	7.778	84.723	2.232	26.518	0.511	33.407	
30/11/2025 22:25:00	11.817	7.774	93.318	2.231	26.536	0.512	33.407	
30/11/2025 22:30:00	11.797	7.776	102.095	2.223	26.524	0.510	33.407	
30/11/2025 22:35:00	11.810	7.777	111.621	2.224	26.524	0.512	33.407	
30/11/2025 22:40:00	11.817	7.779	120.864	2.219	26.464	0.508	33.407	
30/11/2025 22:45:00	11.781	7.780	127.086	2.221	26.410	0.514	33.395	
30/11/2025 22:50:00	11.791	7.781	129.130	2.217	26.410	0.517	33.361	
30/11/2025 22:55:00	11.745	7.780	129.564	2.220	26.434	0.514	33.353	
30/11/2025 23:00:00	11.797	7.780	129.951	2.211	26.416	0.512	33.323	
30/11/2025 23:05:00	11.820	7.786	129.780	2.212	26.464	0.509	33.307	
30/11/2025 23:10:00	11.810	7.787	129.357	2.213	26.440	0.514	33.307	
30/11/2025 23:15:00	11.827	7.789	125.775	2.199	26.470	0.513	33.307	
30/11/2025 23:20:00	11.817	7.793	123.756	2.207	26.332	0.514	33.307	
30/11/2025 23:25:00	11.873	7.793	123.884	2.205	26.350	0.513	33.307	
30/11/2025 23:30:00	11.850	7.794	122.136	2.202	26.398	0.513	33.307	
30/11/2025 23:35:00	11.856	7.795	117.145	2.199	26.344	0.509	33.307	
30/11/2025 23:40:00	11.761	7.796	114.307	2.191	26.344	0.509	33.307	
30/11/2025 23:45:00	11.791	7.792	109.975	2.192	26.332	0.507	33.307	
30/11/2025 23:50:00	11.837	7.793	103.677	2.193	26.374	0.304	33.307	
30/11/2025 23:55:00	11.850	7.794	97.681	2.193	26.368	0.479	33.307	



