

1. 수질 및 유량측정 결과

1.1 성주천

<표 1-1> 성주천 모니터링 결과

구분		분석항목											
연도	조사일시	BOD (mg/L)	COD (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	NO3-N (mg/L)	NO2-N (mg/L)	PO4-P (mg/L)	TOC (mg/L)	Chl-a (mg/m3)	남조류 세포수 (개체/μL)	유량 (m3/s)
2021	2021-01-06	1.8	1.3	0.1	1.097	0.008	0.911	0.005	0.006	0.6	0.388	0	0.083
	2021-01-21	1.2	1.1	1.0	1.029	0.015	0.999	0.004	0.014	0.8	0.746	0	0.050
	2021-02-01	1.6	1.8	0.8	1.037	0.008	0.992	0.006	0.003	0.9	1.100	0	0.135
	2021-02-16	0.2	1.7	0.4	0.880	0.009	0.814	0.004	0.006	0.8	1.100	0	0.095
	2021-03-08	0.2	1.6	0.8	2.111	0.008	1.595	0.008	0.007	0.9	1.177	0	0.328
	2021-03-23	1.3	2.7	0.2	1.397	0.005	1.201	0.004	0.004	0.8	2.654	0	0.106
	2021-04-05	1.4	1.9	0.4	1.284	0.017	1.211	0.007	0.015	1.3	0.308	0	0.576
	2021-05-27	1.9	2.1	13.6	1.918	0.084	1.631	0.046	0.050	1.3	2.760	0	0.152
	2021-06-24	0.5	2.0	1.2	1.094	0.010	0.870	0.011	0.010	1.2	1.616	0	0.175
	2021-07-08	0.2	3.3	3.0	2.574	0.008	2.014	0.004	0.003	1.2	0.640	0	-
	2021-08-19	0.2	2.3	1.0	0.430	0.011	0.346	0.004	0.004	1.3	5.228	0	0.120
	2021-09-27	0.3	1.8	0.6	1.353	0.017	1.147	0.023	0.004	1.1	0.788	0	0.343
	2021-10-12	0.3	1.8	0.2	0.949	0.007	0.862	0.008	0.007	1.0	0.488	0	0.692
	2021-11-17	1.2	1.8	0.2	1.347	0.007	1.303	0.005	0.003	0.8	1.600	0	0.891
	2021-12-13	0.5	1.5	0.2	1.524	0.012	1.333	0.045	0.010	0.7	1.600	0	0.801
평균		0.9	1.9	1.6	1.335	0.015	1.149	0.012	0.010	1.0	1.480	0	0.325

1.2 웅천천

<표 1-2> 웅천천 모니터링 결과

구분		분석항목											
연도	조사일시	BOD (mg/L)	COD (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	NO3-N (mg/L)	NO2-N (mg/L)	PO4-P (mg/L)	TOC (mg/L)	Chl-a (mg/m3)	남조류 세포수 (개체/μL)	유량 (m3/s)
2021	2021-01-06	2.3	1.5	0.1	2.617	0.009	2.174	0.006	0.004	0.9	5.645	0	0.275
	2021-01-21	1.6	1.4	0.4	2.096	0.010	2.046	0.005	0.009	0.9	2.058	0	0.361
	2021-02-01	1.5	2.1	0.4	2.043	0.007	1.972	0.008	0.004	1.3	0.000	0	0.573
	2021-02-16	0.1	2.0	0.2	2.139	0.004	1.896	0.018	0.003	0.9	0.000	0	0.441
	2021-03-08	0.1	1.8	0.2	3.012	0.007	2.167	0.009	0.004	1.0	0.638	0	1.220
	2021-03-23	1.4	2.3	0.4	2.180	0.004	1.590	0.011	0.004	1.0	0.073	0	0.480
	2021-04-05	0.3	2.3	0.8	1.930	0.012	1.890	0.011	0.012	1.3	0.027	0	1.397
	2021-05-27	0.9	1.7	1.6	2.983	0.024	2.580	0.032	0.021	1.3	0.164	0	1.055
	2021-06-24	0.5	3.6	1.4	1.993	0.008	1.629	0.010	0.007	2.0	1.560	0	1.624
	2021-07-08	0.2	4.7	3.8	3.374	0.010	2.663	0.005	0.006	1.8	1.184	0	-
	2021-08-19	0.2	4.8	3.2	1.419	0.021	1.072	0.006	0.017	2.8	26.836	0	2.321
	2021-09-27	0.2	2.0	0.6	1.992	0.019	1.687	0.018	0.006	1.2	1.404	0	0.799
	2021-10-12	0.5	3.1	0.2	1.995	0.012	1.906	0.009	0.010	1.8	2.568	0	2.780
	2021-11-17	1.4	3.1	0.2	2.535	0.004	2.346	0.006	0.004	1.5	1.400	0	3.591
	2021-12-13	0.4	1.5	0.2	2.267	0.010	2.195	0.017	0.008	0.7	1.000	0	1.406
평균		0.8	2.5	0.9	2.305	0.011	1.988	0.011	0.008	1.4	2.970	0	1.309

1.3 도흥천

<표 1-3> 도흥천 모니터링 결과

구분		분석항목											
연도	조사일시	BOD (mg/L)	COD (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	NO3-N (mg/L)	NO2-N (mg/L)	PO4-P (mg/L)	TOC (mg/L)	Chl-a (mg/m3)	남조류 세포수 (개체/μL)	유량 (m3/s)
2021	2021-01-06	2.2	2.4	0.1	1.938	0.048	1.578	0.026	0.044	0.9	0.990	0	0.053
	2021-01-21	1.5	1.5	3.0	1.852	0.036	1.721	0.019	0.033	0.9	0.237	0	0.029
	2021-02-01	1.6	2.4	0.4	1.454	0.032	1.373	0.006	0.027	1.3	1.900	0	0.069
	2021-02-16	2.9	3.2	1.4	2.958	0.160	1.539	0.051	0.158	1.7	1.400	0	0.090
	2021-03-08	0.7	2.3	0.8	2.327	0.048	1.550	0.237	0.043	1.1	0.765	0	0.137
	2021-03-23	1.3	2.4	0.4	1.852	0.026	1.375	0.007	0.025	1.0	0.173	0	0.084
	2021-04-05	0.3	2.2	0.2	1.341	0.021	1.269	0.007	0.019	1.2	0.038	0	0.151
	2021-05-27	0.9	3.5	2.0	1.455	0.023	1.264	0.026	0.022	1.4	0.516	0	0.122
	2021-06-24	0.3	4.3	1.6	1.137	0.011	0.858	0.010	0.009	2.1	1.548	0	0.072
	2021-07-08	0.2	4.7	2.0	2.445	0.010	1.897	0.005	0.007	1.7	0.808	0	1.924
	2021-08-19	0.2	2.7	0.8	1.563	0.085	1.412	0.010	0.066	1.6	2.920	0	0.021
	2021-09-27	0.6	2.2	0.6	1.274	0.021	1.080	0.016	0.006	1.1	1.272	0	0.086
	2021-10-12	0.4	2.6	0.2	1.094	0.039	1.031	0.009	0.035	1.2	0.764	0	0.190
	2021-11-17	1.1	1.9	0.2	1.405	0.007	1.369	0.005	0.006	0.8	0.500	0	0.110
	2021-12-13	0.5	1.8	0.2	1.649	0.029	1.586	0.020	0.027	0.7	0.500	0	0.135
평균		1.0	2.7	0.9	1.716	0.040	1.393	0.030	0.035	1.2	0.955	0	0.218

1.4 옥현천

<표 1-4> 옥현천 모니터링 결과

구분		분석항목											
연도	조사일시	BOD (mg/L)	COD (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	NO3-N (mg/L)	NO2-N (mg/L)	PO4-P (mg/L)	TOC (mg/L)	Chl-a (mg/m3)	남조류 세포수 (개체/μL)	유량 (m3/s)
2021	2021-01-06	2.0	2.1	10.0	3.148	0.018	2.627	0.007	0.009	0.7	1.397	0	0.035
	2021-01-21	1.2	1.2	0.4	2.736	0.018	2.644	0.008	0.011	0.9	2.141	0	0.037
	2021-02-01	1.4	2.6	3.2	2.156	0.015	2.069	0.013	0.014	1.8	1.600	0	0.056
	2021-02-16	0.1	1.6	1.0	2.756	0.019	2.504	0.014	0.010	0.7	0.300	0	0.052
	2021-03-08	0.1	2.8	1.2	2.820	0.013	2.003	0.009	0.003	1.0	0.888	0	0.035
	2021-03-23	1.1	2.2	1.6	2.758	0.012	1.989	0.011	0.010	1.2	0.073	0	0.040
	2021-04-05	0.5	2.7	1.0	2.137	0.024	1.935	0.014	0.022	1.5	0.481	0	0.041
	2021-05-27	2.4	4.5	5.2	3.271	0.045	2.118	0.418	0.037	3.1	0.932	0	0.019
	2021-06-24	0.6	6.5	2.0	1.763	0.020	1.360	0.011	0.020	3.3	4.408	0	0.001
	2021-07-08	0.3	6.1	5.8	3.626	0.024	3.230	0.020	0.022	2.4	1.888	0	0.457
	2021-08-19	0.3	3.1	1.2	0.455	0.058	0.302	0.004	0.057	1.8	5.660	0	0.001
	2021-09-27	0.8	2.5	0.4	1.820	0.035	1.436	0.026	0.010	1.3	1.008	0	0.019
	2021-10-12	0.4	3.0	0.2	1.954	0.024	1.931	0.007	0.021	1.6	2.916	0	0.058
	2021-11-17	1.1	2.1	0.4	2.462	0.011	2.350	0.006	0.007	0.8	0.400	0	0.128
	2021-12-13	0.4	1.7	0.2	2.479	0.016	2.314	0.010	0.013	0.8	1.200	0	0.077
평균		0.8	3.0	2.3	2.423	0.023	2.054	0.039	0.018	1.5	1.686	0	0.070

1.5 대농천

<표 1-5> 대농천 모니터링 결과

구분		분석항목											
연도	조사일시	BOD (mg/L)	COD (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	NO3-N (mg/L)	NO2-N (mg/L)	PO4-P (mg/L)	TOC (mg/L)	Chl-a (mg/m3)	남조류 세포수 (개체/μL)	유량 (m3/s)
2021	2021-01-06	2.2	2.6	0.4	2.713	0.034	2.119	0.073	0.026	1.1	2.470	0	0.080
	2021-01-21	1.6	2.2	0.4	2.334	0.027	2.241	0.075	0.024	1.1	1.485	0	0.071
	2021-02-01	3.1	3.1	1.5	2.214	0.031	2.179	0.005	0.019	2.0	3.100	0	0.134
	2021-02-16	0.3	2.3	0.6	2.116	0.032	1.913	0.017	0.028	1.2	1.300	0	0.109
	2021-03-08	0.4	3.5	1.2	2.414	0.020	1.690	0.066	0.017	1.4	2.662	0	0.234
	2021-03-23	1.7	2.5	1.0	2.068	0.024	1.532	0.012	0.024	1.4	0.504	0	0.138
	2021-04-05	0.6	3.0	1.2	1.617	0.036	1.572	0.023	0.033	1.5	1.242	0	0.193
	2021-05-27	2.2	6.6	8.0	2.818	0.085	1.711	0.297	0.064	3.4	0.912	0	0.160
	2021-06-24	1.0	6.6	2.6	1.874	0.032	1.373	0.009	0.031	3.5	4.024	0	0.310
	2021-07-08	0.3	7.2	3.2	2.408	0.042	1.875	0.008	0.039	2.9	2.544	0	1.596
	2021-08-19	0.2	2.5	1.2	0.816	0.051	0.709	0.009	0.049	1.4	3.184	0	0.024
	2021-09-27	0.3	3.4	0.6	1.385	0.030	1.093	0.014	0.014	1.8	1.508	0	0.155
	2021-10-12	0.8	3.3	0.2	1.287	0.032	1.214	0.006	0.027	1.5	1.032	0	0.151
	2021-11-17	1.1	2.6	0.2	1.716	0.022	1.626	0.006	0.021	1.2	1.500	0	0.202
	2021-12-13	0.4	2.1	1.2	1.995	0.027	1.902	0.011	0.009	1.0	3.900	0	0.178
평균		1.1	3.6	1.6	1.985	0.035	1.650	0.042	0.028	1.8	2.091	0	0.249

1.6 웅천천 상류

<표 1-6> 웅천천 상류 모니터링 결과

구분		분석항목											
연도	조사일시	BOD (mg/L)	COD (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	NO3-N (mg/L)	NO2-N (mg/L)	PO4-P (mg/L)	TOC (mg/L)	Chl-a (mg/m3)	남조류 세포수 (개체/μL)	유량 (m3/s)
2021	2021-01-06	2.1	1.7	0.1	2.719	0.011	2.325	0.025	0.005	0.7	0.922	0	0.135
	2021-01-21	1.4	1.5	3.0	2.456	0.017	2.263	0.095	0.016	0.9	0.678	0	0.139
	2021-02-01	1.7	2.3	0.2	2.239	0.010	1.989	0.043	0.007	1.2	2.000	0	0.397
	2021-02-16	0.1	2.4	0.4	2.347	0.010	2.062	0.016	0.008	0.9	0.200	0	0.229
	2021-03-08	0.4	2.8	0.4	3.128	0.004	2.342	0.022	0.004	1.0	1.385	0	0.453
	2021-03-23	1.7	2.2	0.4	2.395	0.005	1.878	0.021	0.005	1.2	0.412	0	0.139
	2021-04-05	0.4	2.6	1.4	2.243	0.012	1.979	0.019	0.011	1.4	3.085	0	0.630
	2021-05-27	1.3	3.0	1.4	3.260	0.022	2.594	0.124	0.021	1.7	0.192	0	0.459
	2021-06-24	0.7	4.7	1.2	2.392	0.039	1.894	0.036	0.032	2.3	1.720	0	0.573
	2021-07-08	0.2	4.6	1.4	2.936	0.018	2.570	0.006	0.011	2.1	1.428	0	-
	2021-08-19	0.3	2.5	0.6	0.652	0.047	0.524	0.015	0.042	1.5	2.480	0	0.376
	2021-09-27	0.5	2.2	0.6	2.033	0.018	1.687	0.015	0.006	1.1	1.268	0	0.618
	2021-10-12	0.5	2.4	0.6	1.935	0.036	1.752	0.018	0.033	1.2	1.580	0	0.717
	2021-11-17	1.0	2.1	0.2	2.439	0.007	2.288	0.006	0.003	0.7	0.500	0	0.699
	2021-12-13	0.5	1.7	0.2	2.267	0.013	2.155	0.005	0.008	0.9	1.000	0	0.319
평균		0.9	2.6	0.8	2.363	0.018	2.020	0.031	0.014	1.3	1.257	0	0.420

1.7 반교천 하류

<표 1-7> 반교천 하류 모니터링 결과

구분		분석항목											
연도	조사일시	BOD (mg/L)	COD (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	NO3-N (mg/L)	NO2-N (mg/L)	PO4-P (mg/L)	TOC (mg/L)	Chl-a (mg/m3)	남조류 세포수 (개체/μL)	유량 (m3/s)
2021	2021-01-06	2.0	1.8	0.2	3.084	0.013	2.600	0.012	0.005	0.7	0.475	0	0.093
	2021-01-21	1.2	1.3	2.0	2.461	0.012	2.340	0.008	0.008	0.8	0.159	0	0.084
	2021-02-01	1.5	2.0	1.4	2.082	0.008	1.963	0.012	0.005	1.1	4.400	0	0.123
	2021-02-16	0.1	2.4	0.6	3.592	0.012	3.082	0.032	0.010	1.0	2.400	0	0.096
	2021-03-08	0.3	2.3	2.4	3.654	0.013	2.745	0.009	0.009	1.0	1.127	0	0.129
	2021-03-23	1.0	2.0	0.8	2.881	0.004	2.543	0.011	0.003	2.0	0.196	0	0.071
	2021-04-05	0.3	2.4	0.6	2.466	0.011	2.348	0.010	0.011	1.2	0.496	0	0.179
	2021-05-27	1.8	4.7	7.4	5.781	0.069	3.604	0.426	0.058	2.3	0.852	0	0.291
	2021-06-24	0.4	4.6	2.2	2.960	0.011	2.502	0.022	0.008	2.3	2.268	0	0.097
	2021-07-08	0.2	4.0	2.8	3.930	0.012	3.495	0.007	0.009	1.6	1.084	0	2.470
	2021-08-19	1.0	6.1	9.8	1.459	0.046	1.107	0.018	0.035	3.0	39.860	0	1.377
	2021-09-27	0.7	2.4	1.0	2.875	0.021	2.526	0.018	0.010	1.1	2.116	0	0.167
	2021-10-12	0.5	4.5	4.6	2.391	0.017	2.245	0.009	0.006	2.2	7.644	0	1.473
	2021-11-17	1.2	3.7	2.8	3.010	0.005	2.541	0.007	0.003	2.0	2.100	0	3.043
	2021-12-13	0.4	1.5	3.0	2.934	0.018	2.731	0.007	0.008	0.8	1.600	0	0.122
평균		0.8	3.0	2.8	3.037	0.018	2.558	0.041	0.013	1.5	4.452	0	0.654

1.8 반교천 상류

<표 1-8> 반교천 상류 모니터링 결과

구분		분석항목											
연도	조사일시	BOD (mg/L)	COD (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	NO3-N (mg/L)	NO2-N (mg/L)	PO4-P (mg/L)	TOC (mg/L)	Chl-a (mg/m3)	남조류 세포수 (개체/μL)	유량 (m3/s)
2021	2021-01-06	1.1	1.7	0.1	2.463	0.014	2.017	0.006	0.007	0.7	4.346	0	0.066
	2021-01-21	1.3	1.1	0.4	1.976	0.013	1.927	0.004	0.007	0.8	0.128	0	0.056
	2021-02-01	1.3	1.8	1.0	2.040	0.008	1.947	0.004	0.004	1.1	22.800	0	0.087
	2021-02-16	0.1	1.8	0.2	2.425	0.009	2.059	0.011	0.007	0.9	13.200	0	0.093
	2021-03-08	0.1	2.2	0.2	3.243	0.007	2.345	0.007	0.006	0.9	0.927	0	0.065
	2021-03-23	1.1	2.1	0.8	2.440	0.006	1.916	0.007	0.004	1.0	0.123	0	0.062
	2021-04-05	0.3	2.3	0.2	2.271	0.013	2.236	0.010	0.012	1.2	0.419	0	0.142
	2021-05-27	4.0	5.5	14.2	6.236	0.108	2.542	0.688	0.079	2.7	3.196	0	0.221
	2021-06-24	0.8	6.9	2.8	2.342	0.012	1.678	0.008	0.008	3.4	2.568	0	0.064
	2021-07-08	0.2	4.0	0.6	3.551	0.009	3.029	0.005	0.008	1.6	1.428	0	0.433
	2021-08-19	0.3	3.4	2.4	0.570	0.041	0.306	0.005	0.028	1.9	3.924	0	0.001
	2021-09-27	0.7	2.3	1.2	2.531	0.022	2.057	0.028	0.009	1.1	1.304	0	0.061
	2021-10-12	0.4	2.6	0.6	2.233	0.022	1.977	0.005	0.019	1.1	1.320	0	0.051
	2021-11-17	1.1	1.9	0.6	2.627	0.008	2.506	0.006	0.007	0.8	0.500	0	0.070
	2021-12-13	0.5	1.5	0.2	2.658	0.022	2.442	0.008	0.013	0.8	0.800	0	0.096
평균		0.9	2.7	1.7	2.640	0.021	2.066	0.053	0.015	1.3	3.799	0	0.105

1.9 갈산천 상류

<표 1-9> 갈산천 상류 모니터링 결과

구분		분석항목											
연도	조사일시	BOD (mg/L)	COD (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	NO3-N (mg/L)	NO2-N (mg/L)	PO4-P (mg/L)	TOC (mg/L)	Chl-a (mg/m3)	남조류 세포수 (개체/μL)	유량 (m3/s)
2021	2021-01-06	1.8	2.0	0.1	6.179	0.010	5.617	0.008	0.005	0.9	0.730	0	0.001
	2021-01-21	1.3	1.5	3.0	4.479	0.012	3.481	0.004	0.009	1.0	0.275	0	0.004
	2021-02-01	1.6	3.4	2.0	4.307	0.016	3.427	0.013	0.003	2.2	8.000	0	0.006
	2021-02-16	0.2	3.0	8.2	6.713	0.021	6.592	0.023	0.020	1.7	1.300	0	0.006
	2021-03-08	0.2	29.1	1,715.0	4.702	0.134	3.865	0.019	0.068	4.7	10.146	0	0.013
	2021-03-23	1.0	3.2	10.4	6.344	0.030	6.043	0.029	0.029	1.4	0.169	0	0.003
	2021-04-05	0.4	3.0	0.6	3.341	0.025	3.235	0.027	0.023	1.6	0.754	0	0.018
	2021-05-27	5.9	7.5	18.4	7.551	0.169	4.213	0.512	0.098	5.3	5.496	0	0.021
	2021-06-24	0.2	4.2	1.2	2.608	0.006	1.915	0.010	0.004	2.1	0.580	0	0.007
	2021-07-08	0.3	4.4	3.0	5.745	0.019	5.293	0.007	0.007	1.8	1.364	0	0.090
	2021-08-19	0.4	5.4	2.0	2.050	0.062	1.692	0.015	0.035	3.2	2.940	0	0.001
	2021-09-27	1.0	2.9	1.2	4.129	0.038	3.643	0.025	0.018	1.4	1.228	0	0.014
	2021-10-12	0.7	3.5	0.4	3.695	0.048	3.536	0.016	0.046	1.8	1.044	0	0.029
	2021-11-17	1.1	2.6	8.0	4.185	0.025	3.735	0.009	0.024	1.2	2.100	0	0.017
	2021-12-13	0.4	2.0	0.4	3.853	0.020	3.737	0.011	0.017	1.0	0.700	0	0.007
평균		1.1	5.2	118.3	4.659	0.042	4.002	0.049	0.027	2.1	2.455	0	0.016

1.10 갈산천 하류

<표 1-10> 갈산천 하류 모니터링 결과

구분		분석항목											
연도	조사일시	BOD (mg/L)	COD (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	NO3-N (mg/L)	NO2-N (mg/L)	PO4-P (mg/L)	TOC (mg/L)	Chl-a (mg/m3)	남조류 세포수 (개체/μL)	유량 (m3/s)
2021	2021-01-06	2.0	1.9	4.4	3.263	0.009	2.785	0.007	0.007	0.8	1.624	0	0.001
	2021-01-21	1.4	1.6	2.0	3.228	0.014	3.092	0.008	0.007	1.1	0.433	0	0.004
	2021-02-01	1.5	2.5	1.2	2.955	0.008	2.931	0.017	0.005	1.7	1.800	0	0.010
	2021-02-16	0.2	1.9	1.0	4.676	0.011	4.385	0.020	0.008	1.3	2.700	0	0.007
	2021-03-08	0.4	6.2	83.8	3.584	0.026	2.966	0.004	0.011	1.3	1.319	0	0.014
	2021-03-23	1.5	2.1	2.8	2.848	0.024	2.073	0.008	0.021	1.6	1.062	0	0.005
	2021-04-05	0.7	3.2	0.2	2.906	0.026	2.804	0.022	0.024	1.7	0.465	0	0.043
	2021-05-27	7.1	8.9	22.6	8.566	0.367	3.460	1.550	0.281	5.5	7.496	0	0.027
	2021-06-24	0.9	8.3	1.0	3.067	0.017	2.402	0.008	0.016	4.6	4.956	0	0.012
	2021-07-08	0.5	5.2	3.6	4.826	0.021	4.745	0.007	0.014	2.3	2.252	0	0.190
	2021-08-19	1.5	6.7	13.2	1.521	0.044	1.088	0.078	0.033	3.1	55.980	0	1.188
	2021-09-27	1.1	2.9	0.8	3.033	0.028	2.763	0.019	0.006	1.5	1.700	0	0.036
	2021-10-12	0.6	4.6	10.8	2.444	0.018	2.259	0.007	0.005	2.2	12.704	0	1.153
	2021-11-17	1.5	3.9	3.2	3.073	0.008	2.542	0.008	0.005	2.0	2.500	0	1.332
	2021-12-13	0.6	1.9	0.4	2.941	0.009	2.836	0.008	0.008	1.0	1.200	0	0.031
평균		1.4	4.1	10.1	3.529	0.042	2.875	0.118	0.030	2.1	6.546	0	0.270

1.11 도수로 방류

■ 도수로 방류는 도수로 방류구 지점으로, 통수할 시에만 수질 측정

<표 1-11> 도수로 방류 모니터링 결과

구분		분석항목											
연도	조사일시	BOD (mg/L)	COD (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	NO3-N (mg/L)	NO2-N (mg/L)	PO4-P (mg/L)	TOC (mg/L)	Chl-a (mg/m3)	남조류 세포수 (개체/㎖)	유량 (㎥/s)
2021	2021-01-06	-	-	-	-	-	-	-	-	-	-	-	-
	2021-01-21	-	-	-	-	-	-	-	-	-	-	-	-
	2021-02-01	-	-	-	-	-	-	-	-	-	-	-	-
	2021-02-16	-	-	-	-	-	-	-	-	-	-	-	-
	2021-03-08	-	-	-	-	-	-	-	-	-	-	-	-
	2021-03-23	-	-	-	-	-	-	-	-	-	-	-	-
	2021-04-05	-	-	-	-	-	-	-	-	-	-	-	-
	2021-05-27	-	-	-	-	-	-	-	-	-	-	-	-
	2021-06-24	-	-	-	-	-	-	-	-	-	-	-	-
	2021-07-08	-	-	-	-	-	-	-	-	-	-	-	-
	2021-08-19	1.4	6.6	11.2	2.007	0.063	1.263	0.016	0.040	3.1	72.848	0	-
	2021-09-27	-	-	-	-	-	-	-	-	-	-	-	-
	2021-10-12	0.6	5.1	8.4	2.527	0.021	2.278	0.008	0.006	2.3	10.748	0	-
	2021-11-17	1.4	3.8	1.6	2.886	0.011	2.500	0.008	0.007	2.1	3.200	0	-
	2021-12-13	-	-	-	-	-	-	-	-	-	-	-	-
평균		1.1	5.2	7.1	2.473	0.032	2.014	0.011	0.018	2.5	28.932	0	-

1.12 백제교 취수

■ 백제교 취수는 백제교 취수전 지점으로, 통수할 시에만 수질 측정

<표 1-12> 백제교 취수 모니터링 결과

구분		분석항목											
연도	조사일시	BOD (mg/L)	COD (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	NO3-N (mg/L)	NO2-N (mg/L)	PO4-P (mg/L)	TOC (mg/L)	Chl-a (mg/m3)	남조류 세포수 (개체/㎖)	유량 (㎥/s)
2021	2021-01-06	-	-	-	-	-	-	-	-	-	-	-	-
	2021-01-21	-	-	-	-	-	-	-	-	-	-	-	-
	2021-02-01	-	-	-	-	-	-	-	-	-	-	-	-
	2021-02-16	-	-	-	-	-	-	-	-	-	-	-	-
	2021-03-08	-	-	-	-	-	-	-	-	-	-	-	-
	2021-03-23	-	-	-	-	-	-	-	-	-	-	-	-
	2021-04-05	-	-	-	-	-	-	-	-	-	-	-	-
	2021-05-27	-	-	-	-	-	-	-	-	-	-	-	-
	2021-06-24	-	-	-	-	-	-	-	-	-	-	-	-
	2021-07-08	-	-	-	-	-	-	-	-	-	-	-	-
	2021-08-19	4.1	7.0	13.8	2.083	0.068	1.358	0.046	0.062	3.4	0.000	0	-
	2021-09-27	-	-	-	-	-	-	-	-	-	-	-	-
	2021-10-12	0.8	5.9	10.2	2.221	0.047	2.027	0.013	0.024	2.4	30.612	0	-
	2021-11-17	2.0	3.9	1.0	2.891	0.022	2.325	0.009	0.016	2.2	5.600	0	-
	2021-12-13	-	-	-	-	-	-	-	-	-	-	-	-
평균		2.3	5.6	8.3	2.398	0.046	1.903	0.023	0.034	2.7	12.071	0	-