

CHEMICAL DATA - Analytes tested for in a lab, 2025 - MVTL, New Ulm

PLC001 - Primary Lower Cottonwood River near New Ulm - Non-impacted stream/Western Corn Belt Plains

STORET CODE - S001-918

2025 Wateryear (Oct 1, 2024 to Sept. 30, 2025)

FLOW TYPE	SAMP TYPE	DATE	TIME	FLOW (ft ³ /sec)	LAB SAMPLE ID #	TSS MG/L	TSVS MG/L	TKN MG/L	N-NO2+NO3 MG/L	P-PO4 MG/L	TP MG/L
Winter/Base	Grab	1/27/2025	15:00		76950003	<2			4.06	0.015	0.030
Winter/Base	Grab	2/24/2025	15:50		78977002	10			2.96	0.018	0.034
Snowmelt	Grab	3/13/2025	14:20		80614005	127			1.96	0.056	0.175
Snowmelt	Grab	3/20/2025	13:20		81217002	54			3.03	0.056	0.139
Base	Grab	3/28/2025	14:30		81936005	28			2.97	0.011	0.065
Storm Event	Grab	3/31/2025	13:55		82000003	87			3.94	0.013	0.137
Storm Event	Grab	4/4/2025	13:20		82624007	384			10.90	0.057	0.404
Storm Event	Grab	4/7/2025	14:20		82716004	122			12.09	0.033	0.177'
Storm Event	Grab	4/11/2025	14:10		83334003	79			10.72	0.022	0.126
Storm Event	Grab	5/1/2025	13:55		85308003	67			8.72	0.007	0.081
Storm Event	Grab	5/21/2025	15:30		87311009	207			13.32	0.033	0.228
Storm Event	Grab	5/22/2025	14:30		87462007	306			14.93	0.031	0.237
Storm Event	Dup	5/22/2025	14:35		87462008	276			15.16	0.031	0.237
Storm Event	Grab	5/23/2025	12:35		87567002	210		0.738	13.51	0.029	0.211
Storm Event	Grab	5/28/2025	13:25		87825007	94			12.26	0.034	0.140
Base	Grab	6/13/2025	13:15		89674005	45			9.29	0.007	0.073
Storm Event	Grab	6/27/2025	12:05		90996004	142			8.37	0.081	0.221
Storm Event	Grab	6/30/2025	12:10		91061005	555			10.77	0.078	0.560
Storm Event	Grab	7/1/2025	14:10		91241005	578			13.74	0.083	0.550
Storm Event	Grab	7/3/2025	14:10		91589003	272			13.55	0.085	0.330
Storm Event	Grab	7/7/2025	13:45		91660005	145			9.14	0.083	0.229
Base	Grab	7/15/2025	11:45		92499004	81			8.13	0.026	0.122
Storm Event	Grab	7/20/2025	12:05		93094006	830			7.84	0.119	0.694
Storm Event	Grab	7/21/2025	12:10		93094010	505			8.84	0.122	0.463
Storm Event	Grab	7/22/2025	12:10		93219003	226			10.11	0.134	0.346
Storm Event	Grab	7/24/2025	13:20		93546002	172			9.14	0.128	0.283
Base	Grab	7/31/2025	13:25		94230005	97			7.93	0.073	0.188
Base	Grab	8/15/2025	12:40		96162005	61			3.24	0.006	0.063
Storm Event	Grab	8/18/2025	14:17		96355004	834			2.63	0.054	0.504
Storm Event	Grab	8/20/2025	11:45		96652003	345			7.40	0.142	0.470
Storm Event	Grab	8/21/2025	15:30		97090005	243			7.19	0.140	0.530
Storm Event	Grab	8/27/2025	14:10		97768007	100			4.57	0.120	0.229
Base	Grab	9/15/2025	13:00		100233005	41			3.75	0.006	0.051
Base	Grab	10/9/2025	15:40		103561007	17			2.96	0.014	0.031
Base	Grab	10/29/2025	15:25		105748007	6			3.01	0.006	0.016
Base	Grab	11/13/2025	13:35		107413003	6			5.97	0.005	0.013
Base	Grab	12/11/2025	14:15		110089003	10			6.71	0.024	0.024

' Target Analyte detected in method blank at or above method reporting limit.

Concentration found in the sample was at least 10 times the concentration found in the method blank. -2025

CHEMICAL DATA - Analytes tested for in a lab, 2025- MVTL, New Ulm

PLS005 - Primary Lower Sleepy Eye Creek near Cobden - Non-impacted stream/Western Corn Belt Plains

STORET CODE - S001-919

2025 Wateryear (Oct 1, 2024 to Sept. 30, 2025)

FLOW TYPE	SAMP TYPE	DATE	TIME	FLOW (ft ³ /sec)	LAB SAMPLE ID #	TSS MG/L	TSVS MG/L	TKN MG/L	N-NO2+NO3 MG/L	P-PO4 MG/L	TP MG/L
Snowmelt	Grab	3/14/2025	14:15		80722002	13			1.68		0.192
Base	Grab	3/28/2025	13:40		81936004	5			3.42		0.064
Storm Event	Grab	3/31/2025	13:10		82000002	12			12.02		0.137
Storm Event	Grab	4/3/2025	16:45		82624004	62			16.20		0.270
Storm Event	Grab	4/7/2025	13:30		82716003	12			18.02		0.070'
Base	Grab	4/17/2025	12:05		83885003	5			15.58		0.039
Base	Grab	5/1/2025	12:55		85308002	5			14.16		0.041
Storm Event	Grab	5/21/2025	14:30		87311008	127			19.98		0.247
Storm Event	Grab	5/22/2025	13:45		87462006	62			19.38		0.113
Storm Event	Grab	5/28/2025	12:30		87825006	23			16.73		0.074
Base	Grab	6/13/2025	12:05		89674004	15			13.57		0.050
Base	Grab	6/27/2025	11:00		90996003	34			10.47		0.112
Storm Event	Grab	6/29/2025	14:40		91054006	108			12.57		0.197
Storm Event	Grab	6/30/2025	11:00		91061004	108			16.90		0.219
Storm Event	Grab	7/1/2025	13:05		91241004	43			18.93		0.153
Storm Event	Grab	7/3/2025	13:05		91589002	55			17.39		0.126
Base	Grab	7/7/2025	12:55		91660004	18			12.38		0.103
Storm Event	Grab	7/8/2025	14:40		91836001	73			14.12		0.252
Storm Event	Grab	7/10/2025	14:00		92409001	34			15.56		0.116
Storm Event	Grab	7/19/2025	12:15		93094002	132			8.54		0.293
Storm Event	Grab	7/20/2025	11:10		93094005	56			13.68		0.247
Storm Event	Dup	7/20/2025	11:15		93094008	55			13.53		0.252
Storm Event	Grab	7/22/2025	11:10		93219002	34			15.72		0.173
Base	Grab	7/31/2025	12:40		94230004	16			14.20		0.107
Base	Grab	8/15/2025	11:30		96162004	10			4.43		0.036
Storm Event	Grab	8/18/2025	13:18		96355003	109			9.41		0.313
Storm Event	Grab	8/19/2025	16:05		96652007	38			14.93		0.208
Storm Event	Grab	8/21/2025	14:30		97090004	27			15.40		0.133
Base	Grab	8/27/2025	13:25		97768006	11			12.33		0.089
Base	Grab	9/15/2025	12:00		100233004	13			8.46		0.034
Base	Grab	10/9/2025	14:45		103561006	5			7.53		0.029
Base	Grab	10/29/2025	14:20		105748006	3			7.88		0.020

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Concentration found in the sample was at least 10 times the concentration found in the method blank. -2025

CHEMICAL DATA - Analytes tested for in a lab, 2025 - MVTL, New Ulm

PLC010 - Primary Lower Cottonwood River near Leavenworth - Non-impacted stream/Western Corn Belt Plains

STORET CODE - S001-920

2025 Wateryear (Oct 1, 2024 to Sept. 30, 2025)

FLOW TYPE	SAMP TYPE	DATE	TIME	FLOW (ft ³ /sec)	LAB SAMPLE ID #	TSS MG/L	TSVS MG/L	TKN MG/L	N-NO2+NO3 MG/L	P-PO4 MG/L	TP MG/L
Snowmelt	Grab	3/13/2025	13:20		80614004	29			1.53		0.106
Snowmelt	Grab	3/20/2025	12:15		81217001	33			2.80		0.130
Base	Grab	3/28/2025	13:10		81936003	12			2.65		0.065
Storm Event	Grab	3/31/2025	12:45		82000001	37			4.31		0.116
Storm Event	Grab	4/3/2025	16:20		82624003	123			7.49		0.239
Storm Event	Grab	4/4/2025	12:35		82624006	210			8.91		0.303
Storm Event	Grab	4/7/2025	13:00		82716002	73			10.00		0.138'
Storm Event	Grab	5/1/2025	12:35		85308001	49			6.75		0.092
Storm Event	Grab	5/21/2025	14:10		87311007	35			7.29		0.085
Storm Event	Grab	5/22/2025	13:20		87462005	126			9.67		0.156
Storm Event	Grab	5/28/2025	12:15		87825005	94			9.94		0.154
Base	Grab	6/13/2025	11:40		89674003	49			7.01		0.122
Storm Event	Grab	6/27/2025	10:30		90996002	168			7.14		0.298
Storm Event	Grab	6/30/2025	10:40		91061003	405			11.39		0.520
Storm Event	Grab	7/1/2025	12:35		91241003	356			13.55		0.410
Storm Event	Grab	7/3/2025	12:45		91589001	216			11.50		0.334
Storm Event	Grab	7/7/2025	12:30		91660003	160			8.00		0.238
Base	Grab	7/15/2025	10:55		92499003	74			5.84		0.136
Storm Event	Grab	7/20/2025	10:50		93094004	423			4.58		0.532
Storm Event	Dup	7/20/2025	10:55		93094007	423			4.58		0.518
Storm Event	Grab	7/21/2025	11:15		93094009	223			8.11		0.330
Storm Event	Grab	7/24/2025	12:20		93546001	152			6.98		0.266
Base	Grab	7/31/2025	12:20		94230003	84			7.11		0.187
Base	Grab	8/15/2025	11:10		96162003	30			3.18		0.068
Storm Event	Grab	8/18/2025	12:47		96355002	330			3.96		0.048
Storm Event	Grab	8/19/2025	15:45		96652006	138			5.44		0.323
Storm Event	Grab	8/21/2025	14:15		97090003	121			5.25		0.290
Base	Grab	8/27/2025	13:00		97768005	85			4.26		0.220
Base	Grab	9/15/2025	11:30		100233003	24			3.19		0.081
Base	Grab	10/9/2025	14:25		103561005	8			2.12		0.046
Base	Grab	10/29/2025	13:55		105748005	7			2.34		0.038

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