

LOWER DES PLAINES CHLORIDE VARIANCE WORKGROUP

Lower Des Plaines Watershed Chloride Data From February 2003 Through February 2018

Location ID	Location Name	Date (mm/dd/yyyy)	Chloride (mg/L) Concentration	Waterway
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	1/21/2016	312	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	1/21/2016	324	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	1/28/2016	277	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	1/28/2016	239	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/4/2016	239	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/11/2016	244	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/18/2016	251	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/18/2016	249	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/25/2016	366	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	3/3/2016	302	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	3/10/2016	406	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	3/17/2016	331	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	3/24/2016	294	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	3/31/2016	228	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	4/7/2016	225	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	4/14/2016	214	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	4/21/2016	216	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	4/27/2016	214	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	4/27/2016	219	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	12/15/2016	226	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	12/22/2016	448	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	12/27/2016	344	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	1/5/2017	299	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	1/11/2017	275	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	1/17/2017	296	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	1/26/2017	232	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/1/2017	221	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/9/2017	204	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/16/2017	198	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/23/2017	199	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	3/3/2017	135	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	3/9/2017	183	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	3/16/2017	196	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	3/23/2017	323	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	3/30/2017	287	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	4/7/2017	129	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	4/13/2017	153	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	4/20/2017	99	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	4/27/2017	646 ^a	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	1/17/2018	Frozen	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	1/24/2018	379	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	1/31/2018	382	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/7/2018	308	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/14/2018	No escort	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/16/2018	499	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/21/2018	279	Des Plaines River
LDPRCW_03	Oiltanking west dock at river mile marker is 275.8	2/28/2018	281	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	1/21/2016	308	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	1/28/2016	267	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	2/4/2016	231	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	2/11/2016	227	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	2/18/2016	257	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	2/25/2016	320	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	3/3/2016	386	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	3/10/2016	435	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	3/17/2016	344	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	3/17/2016	351	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	3/24/2016	295	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	3/31/2016	237	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	4/7/2016	234	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	4/14/2016	209	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	4/21/2016	213	Des Plaines River
LDPRCW_02	Brandon Street Bridge over the Lower Des Plaines River	4/27/2016	207	Des Plaines River

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Location ID	Location Name	Date (mm/dd/yyyy)	Chloride (mg/L) Concentration	Waterway
D004	Dow Chemical	1/4/2012	95	Un Trib to Des Plaines River
D004	Dow Chemical	2/19/2014	500	Un Trib to Des Plaines River
D004	Dow Chemical	1/14/2015	110	Un Trib to Des Plaines River
D004	Dow Chemical	1/13/2016	88	Un Trib to Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	1/21/2016	323	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	1/28/2016	254	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	2/4/2016	238	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	2/11/2016	242	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	2/18/2016	259	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	2/25/2016	305	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	3/3/2016	370	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	3/3/2016	367	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	3/10/2016	452	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	3/17/2016	337	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	3/24/2016	284	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	3/31/2016	233	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	4/7/2016	228	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	4/7/2016	234	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	4/14/2016	209	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	4/21/2016	230	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	4/27/2016	212	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	12/15/2016	216	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	12/22/2016	323	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	12/27/2016	355	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	1/5/2017	305	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	1/11/2017	268	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	1/17/2017	344	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	1/26/2017	223	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	2/1/2017	229	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	2/9/2017	199	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	2/16/2017	214	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	2/23/2017	194	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	3/3/2017	188	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	3/9/2017	184	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	3/16/2017	201	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	3/23/2017	292	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	3/30/2017	222	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	4/7/2017	140	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	4/13/2017	150	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	4/20/2017	154	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	1/17/2018	365	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	1/24/2018	458	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	1/31/2018	365	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	2/7/2018	296	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	2/14/2018	518	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	2/16/2018	752	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	2/21/2018	371	Des Plaines River
LDPRCW_01	Ruby Street Bridge over the Lower Des Plaines River	2/28/2018	277	Des Plaines River
GGA-02	Spring Cr. at EJE RR yard	12/20/2012	34	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/17/2013	134	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/28/2013	413	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/21/2013	179	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/25/2013	91	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/16/2014	282	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/20/2014		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/27/2014	326	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/11/2014		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/18/2014		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/20/2014	145	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/17/2014	282	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	12/18/2014		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/9/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/15/2015	108	Spring Creek

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Location ID	Location Name	Date (mm/dd/yyyy)	Chloride (mg/L) Concentration	Waterway
GGA-02	Spring Cr. at EJE RR yard	1/23/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/29/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/4/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/5/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/11/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/12/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/19/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/25/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/26/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/27/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/4/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/5/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/12/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/19/2015	187	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/26/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/1/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/8/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/10/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/16/2015	218	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/23/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/30/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	12/17/2015		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/6/2016	112	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/7/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/13/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/14/2016	130	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/17/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/20/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/21/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/27/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/28/2016	160	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/4/2016	146	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/11/2016	148	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/17/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/18/2016	134	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/25/2016	140	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/2/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/3/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/10/2016	177	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/17/2016	200	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/24/2016	151	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/31/2016	156	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/7/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/21/2016	131	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/21/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/28/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	12/15/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	12/15/2016		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	1/26/2017		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/2/2017		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/9/2017		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/16/2017		Spring Creek
GGA-02	Spring Cr. at EJE RR yard	2/23/2017	126	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/2/2017	81	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/9/2017	113	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/16/2017	115	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/23/2017	129	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	3/30/2017	50	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/6/2017	103	Spring Creek
GGA-02	Spring Cr. at EJE RR yard	4/20/2017	157	Spring Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	12/20/2012	221	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/17/2013	228	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/28/2013	746	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/21/2013	244	Hickory Creek

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Location ID	Location Name	Date (mm/dd/yyyy)	Chloride (mg/L) Concentration	Waterway
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/25/2013	114	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/16/2014	712	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/20/2014	1,476	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/27/2014		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/11/2014		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/18/2014		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/20/2014	434	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/17/2014	618	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	12/18/2014	206	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/9/2015	242	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/15/2015	341	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/23/2015	341	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/29/2015	409	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/4/2015		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/5/2015	539	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/11/2015		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/12/2015	600	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/19/2015	476	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/25/2015		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/26/2015	380	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/27/2015		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/4/2015		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/5/2015	583	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/12/2015	207	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/19/2015	296	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/26/2015	488	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/1/2015		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/8/2015		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/10/2015		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/16/2015		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/23/2015	351	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/30/2015		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	12/17/2015	128	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/6/2016		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/7/2016	167	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/13/2016		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/14/2016	185	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/17/2016	167	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/20/2016		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/21/2016	255	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/27/2016		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/28/2016	290	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/4/2016	112	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/11/2016	207	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/17/2016		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/18/2016	316	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/25/2016	366	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/2/2016		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/3/2016	365	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/10/2016	480	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/17/2016	281	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/24/2016	286	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/31/2016	223	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/7/2016	261	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/21/2016	256	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/21/2016		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/28/2016		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	12/15/2016		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	12/15/2016		Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/19/2017	189	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	1/26/2017	186	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/2/2017	259	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/9/2017	200	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/16/2017	232	Hickory Creek

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Lower Des Plaines Watershed Chloride Data From February 2003 Through February 2018

Location ID	Location Name	Date (mm/dd/yyyy)	Chloride (mg/L) Concentration	Waterway
GG-14	Hickory Cr. 800 yds. ups. Vine St.	2/23/2017	302	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/2/2017	95	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/7/2017	95	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/9/2017	190	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/16/2017	347	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	3/30/2017	91	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/6/2017	166	Hickory Creek
GG-14	Hickory Cr. 800 yds. ups. Vine St.	4/20/2017	170	Hickory Creek
GGA-01	Spring Creek	1/19/2017	194	Spring Creek
GGA-01	Spring Creek	1/26/2017	191	Spring Creek
GGA-01	Spring Creek	2/2/2017	249	Spring Creek
GGA-01	Spring Creek	2/9/2017	209	Spring Creek
GGA-01	Spring Creek	2/16/2017	231	Spring Creek
GGA-01	Spring Creek	2/23/2017	292	Spring Creek
GGA-01	Spring Creek	3/2/2017	101	Spring Creek
GGA-01	Spring Creek	3/9/2017	186	Spring Creek
GGA-01	Spring Creek	3/16/2017	377	Spring Creek
GGA-01	Spring Creek	3/16/2017	354	Spring Creek
GGA-01	Spring Creek	3/30/2017	92	Spring Creek
GGA-01	Spring Creek	4/6/2017	168	Spring Creek
GGA-01	Spring Creek	4/20/2017	169	Spring Creek
GGA-A-C2	Spring Creek	1/29/2015	291	Spring Creek
GGA-A-C2	Spring Creek	2/4/2015	241	Spring Creek
GGA-A-C2	Spring Creek	2/5/2015		Spring Creek
GGA-A-C2	Spring Creek	2/11/2015	491	Spring Creek
GGA-A-C2	Spring Creek	2/12/2015		Spring Creek
GGA-A-C2	Spring Creek	2/19/2015	361	Spring Creek
GGA-A-C2	Spring Creek	2/25/2015	459	Spring Creek
GGA-A-C2	Spring Creek	2/26/2015		Spring Creek
GGA-A-C2	Spring Creek	2/27/2015		Spring Creek
GGA-A-C2	Spring Creek	3/4/2015	396	Spring Creek
GGA-A-C2	Spring Creek	3/5/2015		Spring Creek
GGA-A-C2	Spring Creek	3/12/2015	201	Spring Creek
GGA-A-C2	Spring Creek	3/19/2015	283	Spring Creek
GGA-A-C2	Spring Creek	3/26/2015	347	Spring Creek
GGA-A-C2	Spring Creek	4/1/2015		Spring Creek
GGA-A-C2	Spring Creek	4/8/2015		Spring Creek
GGA-A-C2	Spring Creek	4/10/2015		Spring Creek
GGA-A-C2	Spring Creek	4/16/2015	372	Spring Creek
GGA-A-C2	Spring Creek	4/23/2015		Spring Creek
GGA-A-C2	Spring Creek	4/30/2015		Spring Creek
GGA-A-C2	Spring Creek	12/17/2015	101	Spring Creek
GGA-A-C2	Spring Creek	1/6/2016		Spring Creek
GGA-A-C2	Spring Creek	1/7/2016		Spring Creek
GGA-A-C2	Spring Creek	1/13/2016		Spring Creek
GGA-A-C2	Spring Creek	1/14/2016		Spring Creek
GGA-A-C2	Spring Creek	1/17/2016		Spring Creek
GGA-A-C2	Spring Creek	1/20/2016		Spring Creek
GGA-A-C2	Spring Creek	1/21/2016		Spring Creek
GGA-A-C2	Spring Creek	1/27/2016		Spring Creek
GGA-A-C2	Spring Creek	1/28/2016	124	Spring Creek
GGA-A-C2	Spring Creek	2/4/2016	131	Spring Creek
GGA-A-C2	Spring Creek	2/11/2016		Spring Creek
GGA-A-C2	Spring Creek	2/17/2016	110	Spring Creek
GGA-A-C2	Spring Creek	2/18/2016	175	Spring Creek
GGA-A-C2	Spring Creek	2/25/2016		Spring Creek
GGA-A-C2	Spring Creek	3/2/2016	248	Spring Creek
GGA-A-C2	Spring Creek	3/3/2016		Spring Creek
GGA-A-C2	Spring Creek	3/10/2016	235	Spring Creek
GGA-A-C2	Spring Creek	3/17/2016	251	Spring Creek
GGA-A-C2	Spring Creek	3/24/2016	244	Spring Creek
GGA-A-C2	Spring Creek	3/31/2016		Spring Creek
GGA-A-C2	Spring Creek	4/7/2016		Spring Creek
GGA-A-C2	Spring Creek	4/21/2016	254	Spring Creek

LOWER DES PLAINES CHLORIDE VARIANCE WORKGROUP

Lower Des Plaines Watershed Chloride Data From February 2003 Through February 2018

Location ID	Location Name	Date (mm/dd/yyyy)	Chloride (mg/L) Concentration	Waterway
GGA-A-C2	Spring Creek	4/21/2016		Spring Creek
GGA-A-C2	Spring Creek	4/28/2016		Spring Creek
GGA-A-C2	Spring Creek	12/15/2016	142	Spring Creek
GGA-A-C2	Spring Creek	12/15/2016		Spring Creek
GGA-A-C2	Spring Creek	1/12/2017	109	Spring Creek
GGA-A-C2	Spring Creek	1/19/2017	154	Spring Creek
GGA-A-C2	Spring Creek	1/26/2017	177	Spring Creek
GGA-A-C2	Spring Creek	2/2/2017	223	Spring Creek
GGA-A-C2	Spring Creek	2/9/2017	156	Spring Creek
GGA-A-C2	Spring Creek	2/16/2017	171	Spring Creek
GGA-A-C2	Spring Creek	2/23/2017	245	Spring Creek
GGA-A-C2	Spring Creek	3/2/2017	194	Spring Creek
GGA-A-C2	Spring Creek	3/9/2017	125	Spring Creek
GGA-A-C2	Spring Creek	3/16/2017	168	Spring Creek
GGA-A-C2	Spring Creek	3/23/2017	133	Spring Creek
GGA-A-C2	Spring Creek	4/20/2017	142	Spring Creek
GGB-02	Marley Creek at Francis Road	9/20/2012	122	Marley Creek
GGB-02	Marley Creek at Francis Road	10/18/2012	111	Marley Creek
GGB-02	Marley Creek at Francis Road	11/15/2012	92	Marley Creek
GGB-02	Marley Creek at Francis Road	12/20/2012	61	Marley Creek
GGB-02	Marley Creek at Francis Road	1/17/2013	228	Marley Creek
GGB-02	Marley Creek at Francis Road	2/28/2013	1,148	Marley Creek
GGB-02	Marley Creek at Francis Road	3/21/2013	423	Marley Creek
GGB-02	Marley Creek at Francis Road	4/25/2013	170	Marley Creek
GGB-02	Marley Creek at Francis Road	1/16/2014	735	Marley Creek
GGB-02	Marley Creek at Francis Road	2/20/2014	806	Marley Creek
GGB-02	Marley Creek at Francis Road	3/20/2014	468	Marley Creek
GGB-02	Marley Creek at Francis Road	4/17/2014	517	Marley Creek
GGB-02	Marley Creek at Francis Road	1/9/2015	640	Marley Creek
GGB-02	Marley Creek at Francis Road	1/15/2015	617	Marley Creek
GGB-02	Marley Creek at Francis Road	1/23/2015	856	Marley Creek
GGB-02	Marley Creek at Francis Road	1/29/2015	465	Marley Creek
GGB-02	Marley Creek at Francis Road	2/5/2015	639	Marley Creek
GGB-02	Marley Creek at Francis Road	2/12/2015	1,393	Marley Creek
GGB-02	Marley Creek at Francis Road	2/19/2015	1,165	Marley Creek
GGB-02	Marley Creek at Francis Road	2/26/2015	440	Marley Creek
GGB-02	Marley Creek at Francis Road	3/5/2015	1,087	Marley Creek
GGB-02	Marley Creek at Francis Road	3/12/2015	420	Marley Creek
GGB-02	Marley Creek at Francis Road	3/19/2015	242	Marley Creek
GGB-02	Marley Creek at Francis Road	3/26/2015	436	Marley Creek
GGB-02	Marley Creek at Francis Road	4/1/2015	392	Marley Creek
GGB-02	Marley Creek at Francis Road	4/10/2015	386	Marley Creek
GGB-02	Marley Creek at Francis Road	4/16/2015	325	Marley Creek
GGB-02	Marley Creek at Francis Road	4/23/2015	402	Marley Creek
GGB-02	Marley Creek at Francis Road	4/30/2015	152	Marley Creek
GGB-02	Marley Creek at Francis Road	1/6/2016		Marley Creek
GGB-02	Marley Creek at Francis Road	1/7/2016	152	Marley Creek
GGB-02	Marley Creek at Francis Road	1/13/2016		Marley Creek
GGB-02	Marley Creek at Francis Road	1/14/2016	125	Marley Creek
GGB-02	Marley Creek at Francis Road	1/17/2016		Marley Creek
GGB-02	Marley Creek at Francis Road	1/20/2016		Marley Creek
GGB-02	Marley Creek at Francis Road	1/21/2016		Marley Creek
GGB-02	Marley Creek at Francis Road	1/27/2016		Marley Creek
GGB-02	Marley Creek at Francis Road	1/28/2016	153	Marley Creek
GGB-02	Marley Creek at Francis Road	2/4/2016	135	Marley Creek
GGB-02	Marley Creek at Francis Road	2/11/2016	260	Marley Creek
GGB-02	Marley Creek at Francis Road	2/17/2016		Marley Creek
GGB-02	Marley Creek at Francis Road	2/18/2016	320	Marley Creek
GGB-02	Marley Creek at Francis Road	2/25/2016	299	Marley Creek
GGB-02	Marley Creek at Francis Road	3/2/2016		Marley Creek
GGB-02	Marley Creek at Francis Road	3/3/2016	359	Marley Creek
GGB-02	Marley Creek at Francis Road	3/10/2016	353	Marley Creek
GGB-02	Marley Creek at Francis Road	3/17/2016	356	Marley Creek
GGB-02	Marley Creek at Francis Road	3/24/2016	264	Marley Creek

LOWER DES PLAINES CHLORIDE VARIANCE WORKGROUP

Lower Des Plaines Watershed Chloride Data From February 2003 Through February 2018

Location ID	Location Name	Date (mm/dd/yyyy)	Chloride (mg/L) Concentration	Waterway
GGB-02	Marley Creek at Francis Road	3/31/2016		Marley Creek
GGB-02	Marley Creek at Francis Road	4/7/2016		Marley Creek
GGB-02	Marley Creek at Francis Road	4/21/2016	200	Marley Creek
GGB-02	Marley Creek at Francis Road	4/21/2016	275	Marley Creek
GGB-02	Marley Creek at Francis Road	4/28/2016		Marley Creek
GGB-02	Marley Creek at Francis Road	12/15/2016	370	Marley Creek
GGB-02	Marley Creek at Francis Road	12/15/2016	387	Marley Creek
GGB-02	Marley Creek at Francis Road	1/12/2017	203	Marley Creek
GGB-02	Marley Creek at Francis Road	1/27/2017	240	Marley Creek
GGB-02	Marley Creek at Francis Road	2/9/2017	235	Marley Creek
GGB-02	Marley Creek at Francis Road	2/16/2017	231	Marley Creek
GGB-02	Marley Creek at Francis Road	2/23/2017	269	Marley Creek
GGB-02	Marley Creek at Francis Road	3/2/2017	112	Marley Creek
GGB-02	Marley Creek at Francis Road	3/9/2017	224	Marley Creek
GGB-02	Marley Creek at Francis Road	3/16/2017	359	Marley Creek
GGB-02	Marley Creek at Francis Road	3/16/2017	344	Marley Creek
GGB-02	Marley Creek at Francis Road	3/30/2017	83	Marley Creek
GGB-02	Marley Creek at Francis Road	4/20/2017	179	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	1/29/2015	292	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	2/4/2015	327	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	2/11/2015	531	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	2/19/2015	333	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	2/25/2015	310	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	3/4/2015	694	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	3/12/2015	207	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	3/19/2015	306	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	3/26/2015	364	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	4/16/2015	303	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	5/21/2015	293	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	12/17/2015	139	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	1/6/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	1/7/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	1/13/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	1/14/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	1/17/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	1/20/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	1/21/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	1/27/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	1/28/2016	207	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	2/4/2016	152	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	2/11/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	2/17/2016	261	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	2/18/2016	250	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	2/25/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	3/2/2016	329	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	3/3/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	3/10/2016	338	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	3/17/2016	286	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	3/24/2016	283	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	3/31/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	4/7/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	4/21/2016	196	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	4/21/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	4/28/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	12/15/2016	227	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	12/15/2016		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	1/12/2017	127	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	1/19/2017	173	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	1/26/2017	189	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	2/2/2017	257	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	2/9/2017	152	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	2/16/2017	253	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	2/23/2017	289	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	3/2/2017	42	Marley Creek

LOWER DES PLAINES CHLORIDE VARIANCE WORKGROUP

Lower Des Plaines Watershed Chloride Data From February 2003 Through February 2018

Location ID	Location Name	Date (mm/dd/yyyy)	Chloride (mg/L) Concentration	Waterway
HC-MC-01	Marley Creek (upstream) at 179th St	3/9/2017	199	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	3/16/2017	302	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	3/23/2017	216	Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	4/13/2017		Marley Creek
HC-MC-01	Marley Creek (upstream) at 179th St	4/20/2017	194	Marley Creek
GGB-A	E. Branch of Marley Creek	1/9/2015	211	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	1/15/2015	211	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	2/12/2015	883	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	2/19/2015	883	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	3/12/2015	400	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	3/19/2015	482	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	4/1/2015	551	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	4/10/2015	418	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	4/16/2015	373	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	4/23/2015	324	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	4/30/2015	144	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	12/17/2015	85	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	1/6/2016		E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	1/7/2016		E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	1/13/2016		E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	1/14/2016		E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	1/17/2016		E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	1/20/2016		E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	1/21/2016	128	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	1/27/2016		E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	1/28/2016		E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	2/4/2016	116	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	2/11/2016		E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	2/17/2016		E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	2/18/2016	452	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	2/25/2016	365	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	3/2/2016		E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	3/3/2016	459	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	3/10/2016	540	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	3/17/2016	301	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	3/24/2016	316	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	3/31/2016	283	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	4/7/2016	331	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	4/21/2016	275	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	4/21/2016	268	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	4/28/2016	126	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	12/15/2016	569	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	12/15/2016	597	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	1/12/2017	267	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	1/27/2017	312	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	2/9/2017	226	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	2/16/2017	265	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	2/23/2017	300	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	3/2/2017	146	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	3/9/2017	200	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	3/16/2017	646	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	3/16/2017	635	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	3/30/2017	107	E. Branch of Marley Creek
GGB-A	E. Branch of Marley Creek	4/20/2017	183	E. Branch of Marley Creek
GGC-03	Union Ditch	1/16/2014		Union Ditch
GGC-03	Union Ditch	2/20/2014	500	Union Ditch
GGC-03	Union Ditch	2/27/2014	486	Union Ditch
GGC-03	Union Ditch	3/11/2014	316	Union Ditch
GGC-03	Union Ditch	3/18/2014	279	Union Ditch
GGC-03	Union Ditch	4/30/2015	278	Union Ditch
GGC-03	Union Ditch	1/6/2016		Union Ditch
GGC-03	Union Ditch	1/7/2016		Union Ditch
GGC-03	Union Ditch	1/13/2016	169	Union Ditch
GGC-03	Union Ditch	1/14/2016	176	Union Ditch

LOWER DES PLAINES CHLORIDE VARIANCE WORKGROUP

Lower Des Plaines Watershed Chloride Data From February 2003 Through February 2018

Location ID	Location Name	Date (mm/dd/yyyy)	Chloride (mg/L) Concentration	Waterway
GGC-03	Union Ditch	1/17/2016		Union Ditch
GGC-03	Union Ditch	1/20/2016	217	Union Ditch
GGC-03	Union Ditch	1/21/2016		Union Ditch
GGC-03	Union Ditch	1/27/2016	290	Union Ditch
GGC-03	Union Ditch	1/28/2016		Union Ditch
GGC-03	Union Ditch	2/4/2016		Union Ditch
GGC-03	Union Ditch	2/11/2016	178	Union Ditch
GGC-03	Union Ditch	2/17/2016	325	Union Ditch
GGC-03	Union Ditch	2/18/2016	306	Union Ditch
GGC-03	Union Ditch	2/25/2016	721	Union Ditch
GGC-03	Union Ditch	3/2/2016		Union Ditch
GGC-03	Union Ditch	3/3/2016	373	Union Ditch
GGC-03	Union Ditch	3/10/2016	390	Union Ditch
GGC-03	Union Ditch	3/17/2016	289	Union Ditch
GGC-03	Union Ditch	3/24/2016		Union Ditch
GGC-03	Union Ditch	3/31/2016	223	Union Ditch
GGC-03	Union Ditch	4/7/2016		Union Ditch
GGC-03	Union Ditch	4/21/2016	342	Union Ditch
GGC-03	Union Ditch	4/21/2016	333	Union Ditch
GGC-03	Union Ditch	4/28/2016		Union Ditch
GGC-03	Union Ditch	12/15/2016	331	Union Ditch
GGC-03	Union Ditch	12/15/2016	344	Union Ditch
GGC-03	Union Ditch	1/27/2017	215	Union Ditch
GGC-03	Union Ditch	2/9/2017	207	Union Ditch
GGC-03	Union Ditch	2/16/2017	235	Union Ditch
GGC-03	Union Ditch	2/23/2017	268	Union Ditch
GGC-03	Union Ditch	3/2/2017	91	Union Ditch
GGC-03	Union Ditch	3/9/2017	157	Union Ditch
GGC-03	Union Ditch	3/16/2017	464	Union Ditch
GGC-03	Union Ditch	3/30/2017	292	Union Ditch
GGC-03	Union Ditch	4/6/2017	85	Union Ditch
GGC-03	Union Ditch	4/13/2017	127	Union Ditch
GGC-03	Union Ditch	4/20/2017	57	Union Ditch
GGC-03	Union Ditch	4/27/2017	66	Union Ditch
GGC-03	Union Ditch	12/17/2015		Union Ditch
G-23	RT 53 BR (Ruby St) in Joliet	2/3/2003	181	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	4/3/2003	286	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	12/23/2003	132	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	3/3/2004	333	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	4/8/2004	153	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	12/29/2004	143	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	2/14/2005	298	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	3/11/2005	244	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	12/28/2005	594	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	3/1/2006	635	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	3/21/2006	639	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	5/25/2006	472	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	12/6/2006	205	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	1/17/2007	196	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	3/25/2008	460	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	4/23/2008	231	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	12/3/2008	178	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	2/17/2009	343	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	3/23/2009	237	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	4/27/2009	244	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	12/2/2009	129	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	12/4/2009	126	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	12/7/2009	142	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	12/9/2009	134	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	12/17/2009	311	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	1/21/2010	465	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	3/15/2010	295	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	4/22/2010	228	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	12/8/2010	139	Des Plaines River

LOWER DES PLAINES CHLORIDE VARIANCE WORKGROUP

Lower Des Plaines Watershed Chloride Data From February 2003 Through February 2018

Location ID	Location Name	Date (mm/dd/yyyy)	Chloride (mg/L) Concentration	Waterway
G-23	RT 53 BR (Ruby St) in Joliet	3/8/2011	370	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	4/25/2011	194	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	12/7/2011	134	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	1/10/2012	181	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	2/28/2012	429	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	4/3/2012	211	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	1/15/2013	185	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	2/26/2013	310	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	4/9/2013	254	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	12/17/2013		Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	2/18/2014	305	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	3/11/2014	580	Des Plaines River
G-23	RT 53 BR (Ruby St) in Joliet	4/8/2014	383	Des Plaines River
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	12/23/2003	165	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	3/3/2004	278	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	4/8/2004	167	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	12/29/2004	201	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	2/14/2005	189	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	3/11/2005	243	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	12/28/2005	933	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	3/1/2006	281	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	3/21/2006	705	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	12/3/2008	280	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	2/17/2009	228	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	3/23/2009	253	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	4/27/2009	184	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	12/1/2009	126	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	1/21/2010	367	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	3/15/2010	191	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	4/22/2010	232	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	12/6/2010	192	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	3/8/2011	243	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	4/26/2011	113	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	12/7/2011	171	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	1/10/2012	180	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	2/28/2012	296	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	4/3/2012	225	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	1/15/2013	221	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	2/26/2013	345	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	4/9/2013	353	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	5/21/2013	256	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	12/17/2013	517	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	2/18/2014	361	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	3/11/2014	211	Hickory Creek
GG-22	Joliet Street Bridge, 0.2 mi W of US 52/SR 53 BR	4/8/2014	326	Hickory Creek

^a Sample result was reported as an anomaly