

LOWER DES PLAINES CHLORIDE VARIANCE WORKGROUP

**Estimated Percent Exceedances of 500 mg/L Chloride Water Quality Standard
During Winter Months Between January 2017 - February 2018
Based on Hourly Conductivity Readings in Lower Des Plaines River**

	R²*	Estimated percent > 500 mg/L
Des Plaines River at Oil Tanking (Site LDPRCW_03) in Channahon, IL	0.88	0.89%
Des Plaines River at Ruby Street Bridge (Site LDPRCW_01) in Joliet, IL	0.94	0.91%

*R² of Linear Relationship between specific conductance and chloride determined using winter months between Dec. 22 2016-April 20, 2017