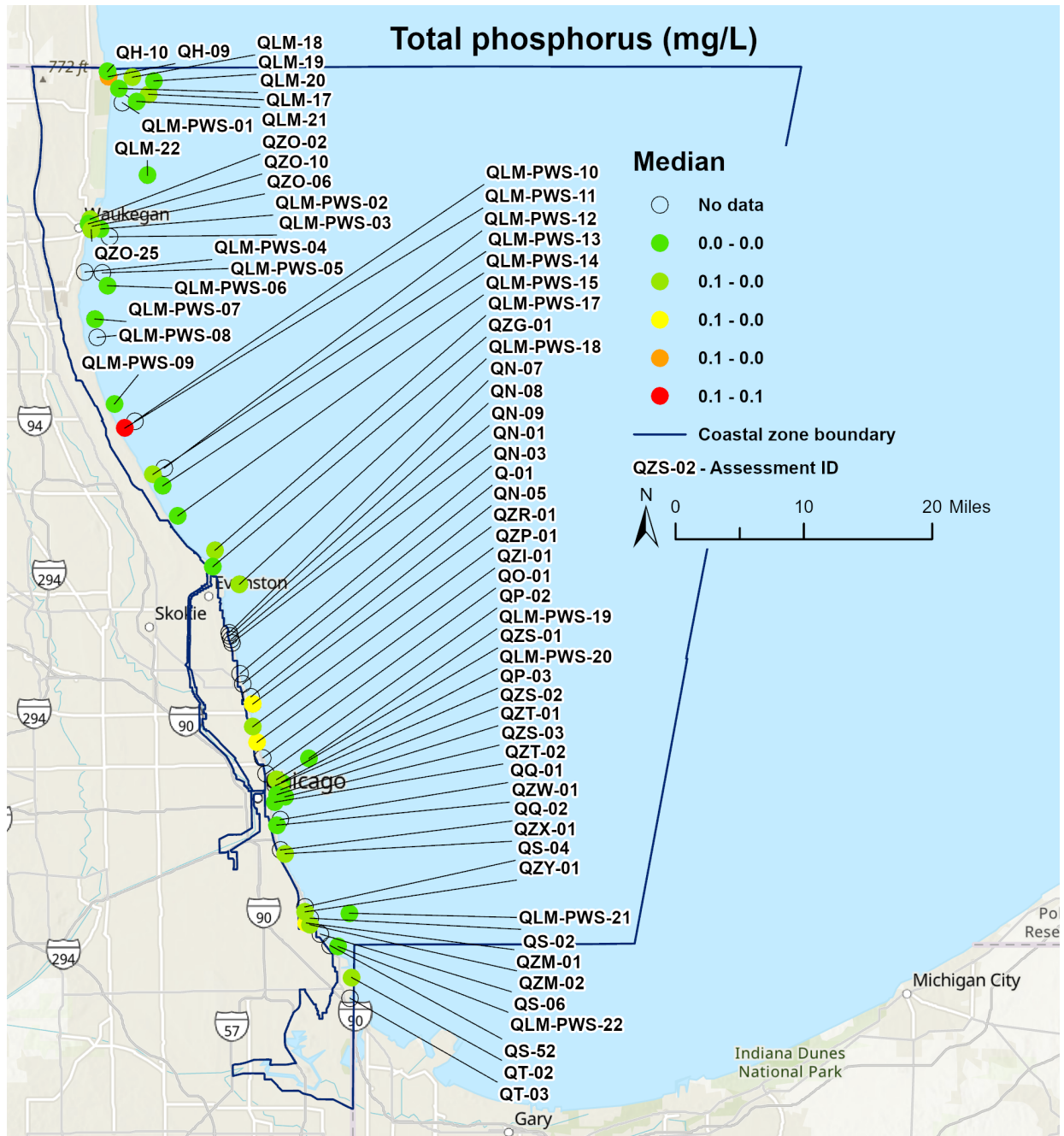
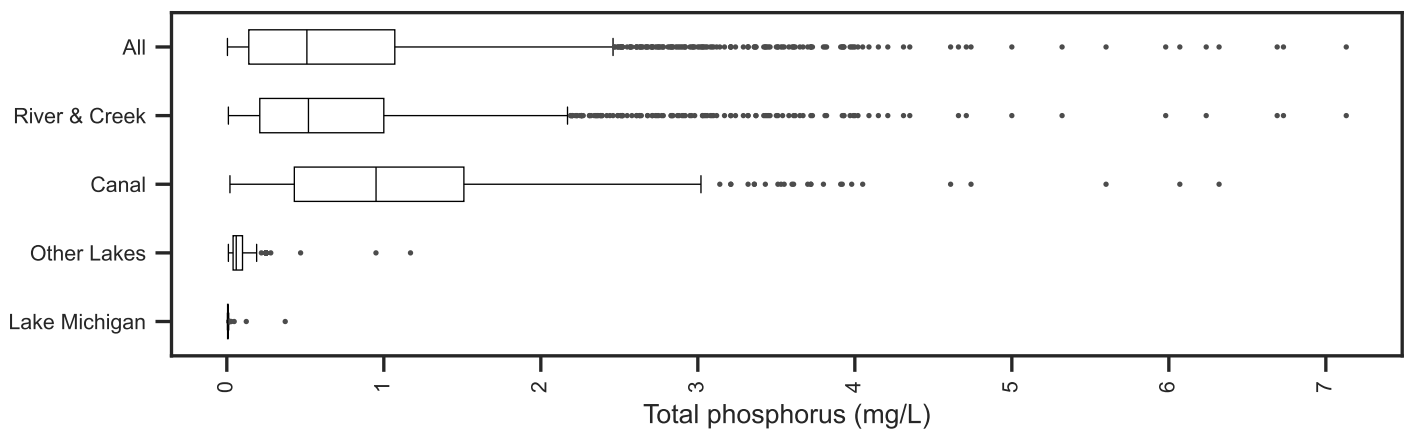


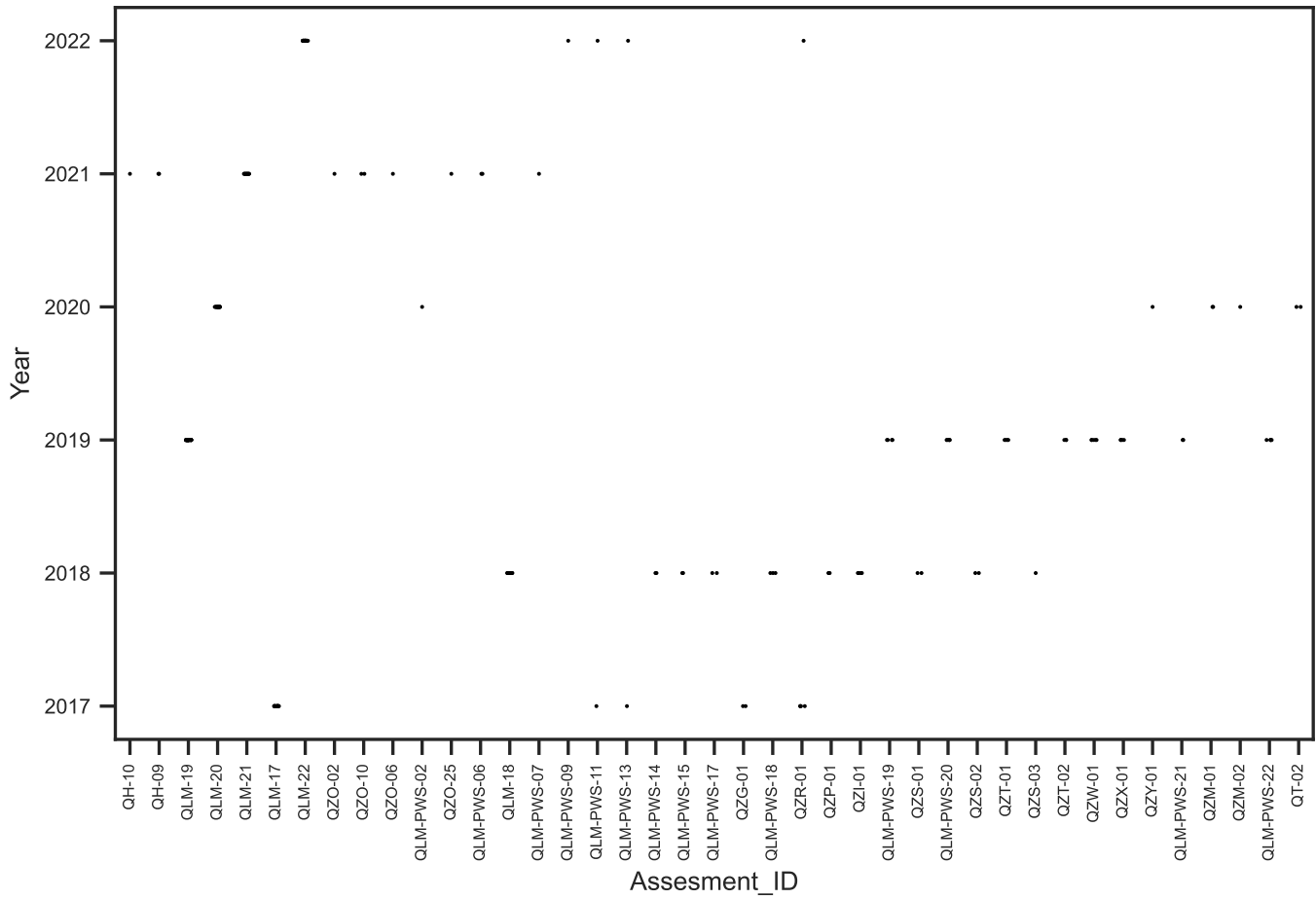
Total phosphorus (mg/L) Data Factsheet



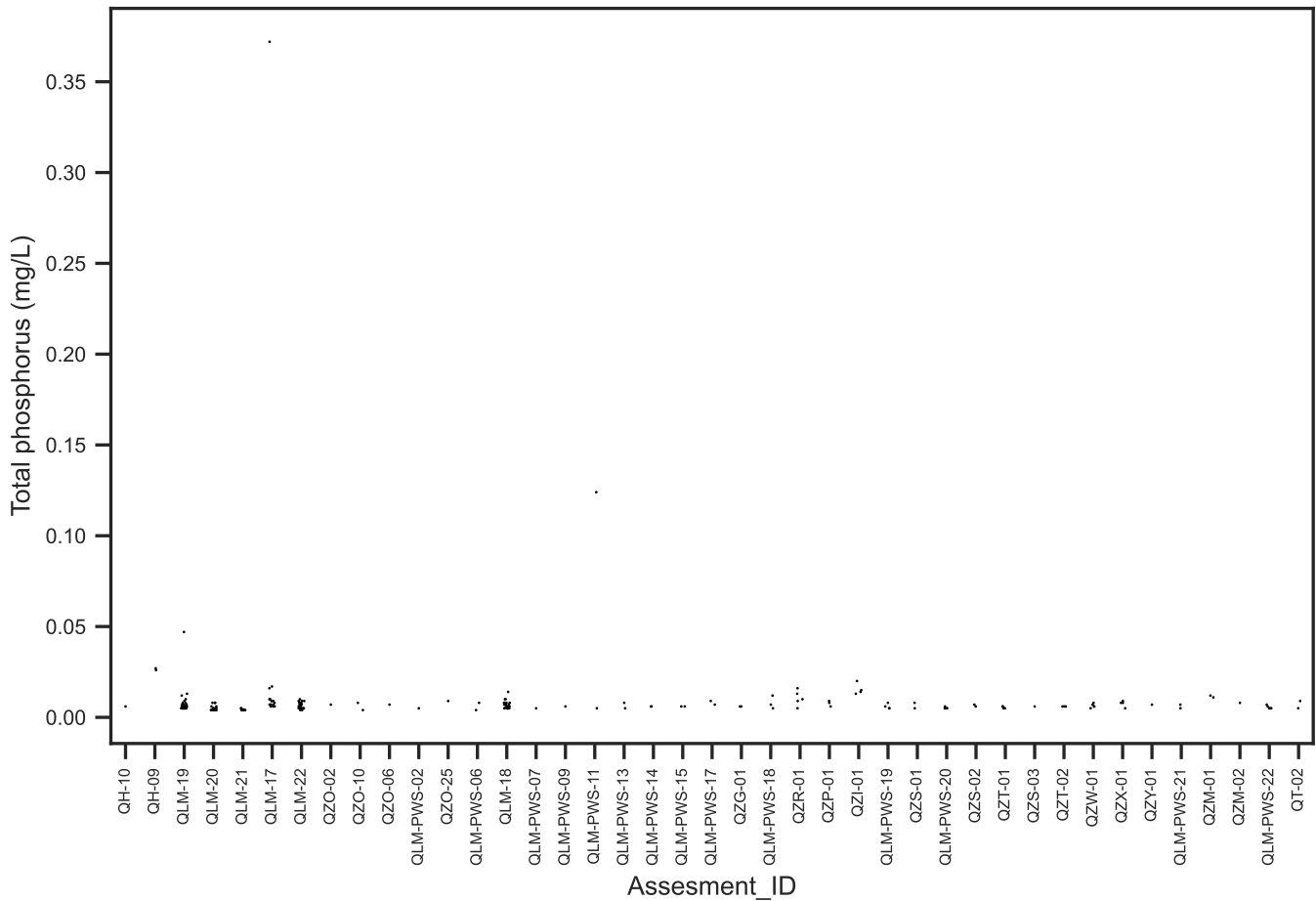
Total phosphorus (mg/L) boxplots by waterbody type



Total phosphorus (mg/L) data availability by Assessment_ID and year



Total phosphorus (mg/L) strip chart by Assessment_ID



Box plot showing the frequency of each Assessment ID. The x-axis lists the Assessment IDs, and the y-axis represents the frequency. Most IDs have a frequency of 1, indicated by a small black dot. QLM-PWS-11 is the only ID with a frequency greater than 1, shown as a box plot with a median around 15 and a range from approximately 5 to 25.

Box plot showing Total phosphorus (mg/L) for 16 water bodies. The y-axis ranges from 0 to 7 mg/L. The x-axis lists the water bodies: Dead Dog Cr., Kellogg Cr., Waukegan R., NS Channel, NB Chicago R., Chicago R., SB Chicago R., Bubbly Cr., Chicago SSC, Calumet R., Grand Calumet R., Little Calumet R., Calumet-Sag Channel, Wolf Lake, Flatfoot Lake, Powderhorn Lake, and Lake Michigan. The plot shows that Little Calumet R. and Calumet-Sag Channel have the highest median phosphorus levels, while Flatfoot Lake and Powderhorn Lake have the lowest.

Total phosphorus (mg/L) summary statistics by Assesment_ID

Assesment_ID	Start Date	End Date	N	Mean	Median	Max	Min	StdDev	Kurtosis	1st Quart	3rd Quart	Skewness
QH-09	2021-08-11	2021-08-11	1	0.03	0.03	0.03	0.026	0.001	-	0.03	0.03	-
QH-10	2021-08-11	2021-08-11	0	0.01	0.01	0.01	0.006	-	-	0.01	0.01	-
QLM-17	2017-05-10	2017-08-02	8	0.03	0.01	0.37	0.006	0.091	15.95	0.01	0.01	3.991
QLM-18	2018-07-25	2018-09-12	12	0.01	0.01	0.01	0.005	0.002	3.616	0.0	0.01	1.657
QLM-19	2019-05-15	2019-11-04	16	0.01	0.01	0.05	0.005	0.007	27.706	0.0	0.01	5.102
QLM-20	2020-08-20	2020-11-04	9	0.01	0.0	0.01	0.004	0.001	0.41	0.0	0.01	1.304
QLM-21	2021-06-22	2021-08-16	5	0.0	0.0	0.0	0.004	0.0	2.037	0.0	0.0	1.923
QLM-22	2022-06-02	2022-07-28	13	0.01	0.01	0.01	0.004	0.002	-0.723	0.0	0.01	0.664
QLM-PWS-02	2020-09-23	2020-09-23	0	0.0	0.0	0.0	0.005	-	-	0.0	0.0	-
QLM-PWS-06	2021-08-10	2021-08-10	1	0.01	0.01	0.01	0.004	0.003	-	0.0	0.01	-
QLM-PWS-07	2021-08-10	2021-08-10	0	0.0	0.0	0.0	0.005	-	-	0.0	0.0	-
QLM-PWS-09	2022-06-21	2022-06-21	0	0.01	0.01	0.01	0.006	-	-	0.01	0.01	-
QLM-PWS-11	2017-06-13	2022-06-21	1	0.06	0.06	0.12	0.005	0.084	-	0.03	0.09	-
QLM-PWS-13	2017-08-09	2022-06-21	1	0.01	0.01	0.01	0.005	0.002	-	0.01	0.01	-
QLM-PWS-14	2018-09-17	2018-09-17	1	0.01	0.01	0.01	0.006	0.0	-	0.01	0.01	-
QLM-PWS-15	2018-09-17	2018-09-17	1	0.01	0.01	0.01	0.006	0.0	-	0.01	0.01	-
QLM-PWS-17	2018-09-17	2018-09-17	1	0.01	0.01	0.01	0.007	0.001	-	0.01	0.01	-
QLM-PWS-18	2018-07-31	2018-09-17	1	0.01	0.01	0.01	0.005	0.004	-	0.01	0.01	1.152
QLM-PWS-19	2019-06-12	2019-11-04	2	0.01	0.01	0.01	0.005	0.001	1.5	0.0	0.01	1.414
QLM-PWS-20	2019-06-12	2019-11-05	2	0.01	0.0	0.01	0.005	0.0	5.0	0.0	0.0	2.236
QLM-PWS-21	2019-06-12	2019-09-24	1	0.01	0.01	0.01	0.005	0.001	-	0.01	0.01	-
QLM-PWS-22	2019-06-12	2019-11-05	2	0.01	0.0	0.01	0.005	0.001	0.312	0.0	0.01	1.258
QT-02	2020-09-29	2020-09-29	1	0.01	0.01	0.01	0.005	0.003	-	0.01	0.01	-
QZG-01	2017-06-14	2017-06-14	1	0.01	0.01	0.01	0.006	0.0	-	0.01	0.01	-
QZI-01	2018-08-01	2018-09-18	2	0.02	0.01	0.02	0.013	0.003	2.704	0.01	0.02	1.597
QZM-01	2020-09-29	2020-09-29	1	0.01	0.01	0.01	0.011	0.001	-	0.01	0.01	-
QZM-02	2020-09-29	2020-09-29	0	0.01	0.01	0.01	0.008	-	-	0.01	0.01	-
QZO-02	2021-08-11	2021-08-11	0	0.01	0.01	0.01	0.007	-	-	0.01	0.01	-
QZO-06	2021-08-11	2021-08-11	0	0.01	0.01	0.01	0.007	-	-	0.01	0.01	-
QZO-10	2021-08-11	2021-08-11	1	0.01	0.01	0.01	0.004	0.003	-	0.0	0.01	-
QZO-25	2021-08-11	2021-08-11	0	0.01	0.01	0.01	0.009	-	-	0.01	0.01	-
QZP-01	2018-08-01	2018-09-18	1	0.01	0.01	0.01	0.006	0.002	-	0.01	0.01	-0.935
QZR-01	2017-06-14	2022-06-14	2	0.01	0.01	0.02	0.005	0.004	-0.175	0.01	0.01	-0.05
QZS-01	2018-09-18	2018-09-18	1	0.01	0.01	0.01	0.005	0.002	-	0.01	0.01	-
QZS-02	2018-08-01	2018-09-18	1	0.01	0.01	0.01	0.006	0.001	-	0.01	0.01	-
QZS-03	2018-09-18	2018-09-18	0	0.01	0.01	0.01	0.006	-	-	0.01	0.01	-
QZT-01	2019-07-01	2019-11-06	2	0.01	0.01	0.01	0.005	0.001	-6.0	0.0	0.01	-0.0
QZT-02	2019-07-01	2019-09-16	1	0.01	0.01	0.01	0.006	0.0	-	0.01	0.01	0.0
QZW-01	2019-07-01	2019-11-06	2	0.01	0.01	0.01	0.005	0.001	-0.178	0.01	0.01	0.405
QZX-01	2019-07-01	2019-11-06	2	0.01	0.01	0.01	0.005	0.002	2.889	0.01	0.01	-1.54

Total phosphorus (mg/L) summary statistics by Assesment_ID

Assesment_ID	Start Date	End Date	N	Mean	Median	Max	Min	StdDev	Kurtosis	1st Quart	3rd Quart	Skewness
QZY-01	2020-09-29	2020-09-29	0	0.01	0.01	0.01	0.007	-	-	0.01	0.01	-