Chesapeake Bay Project - more plots plz

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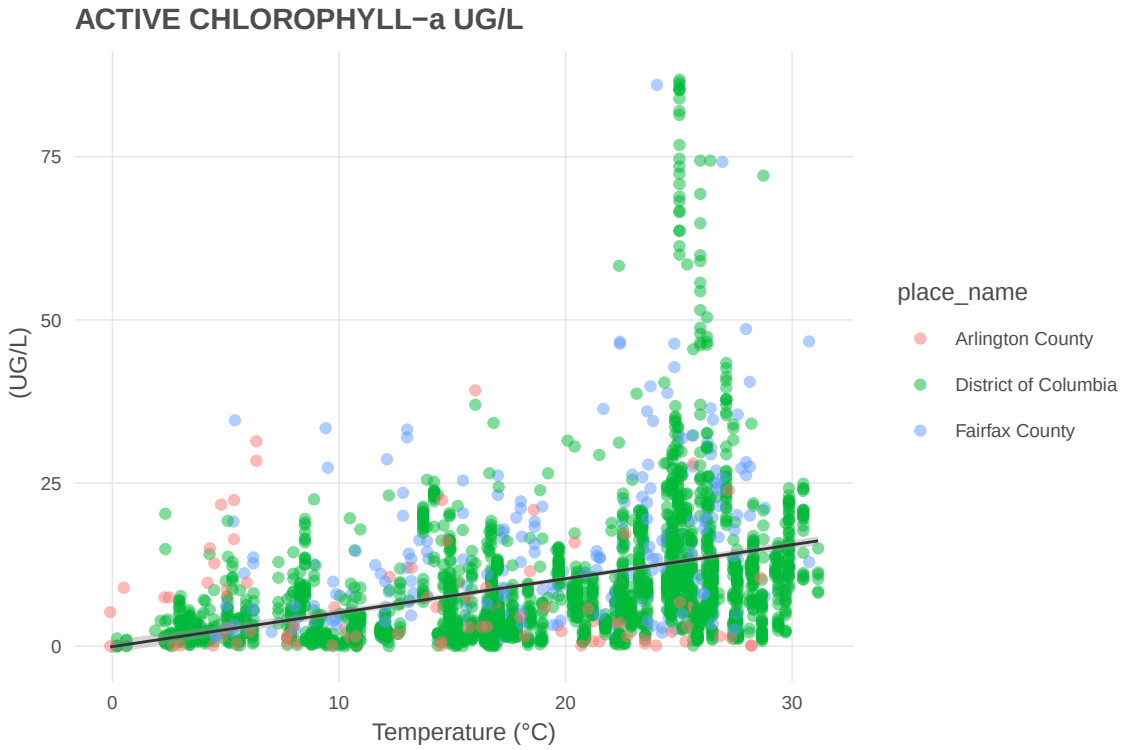
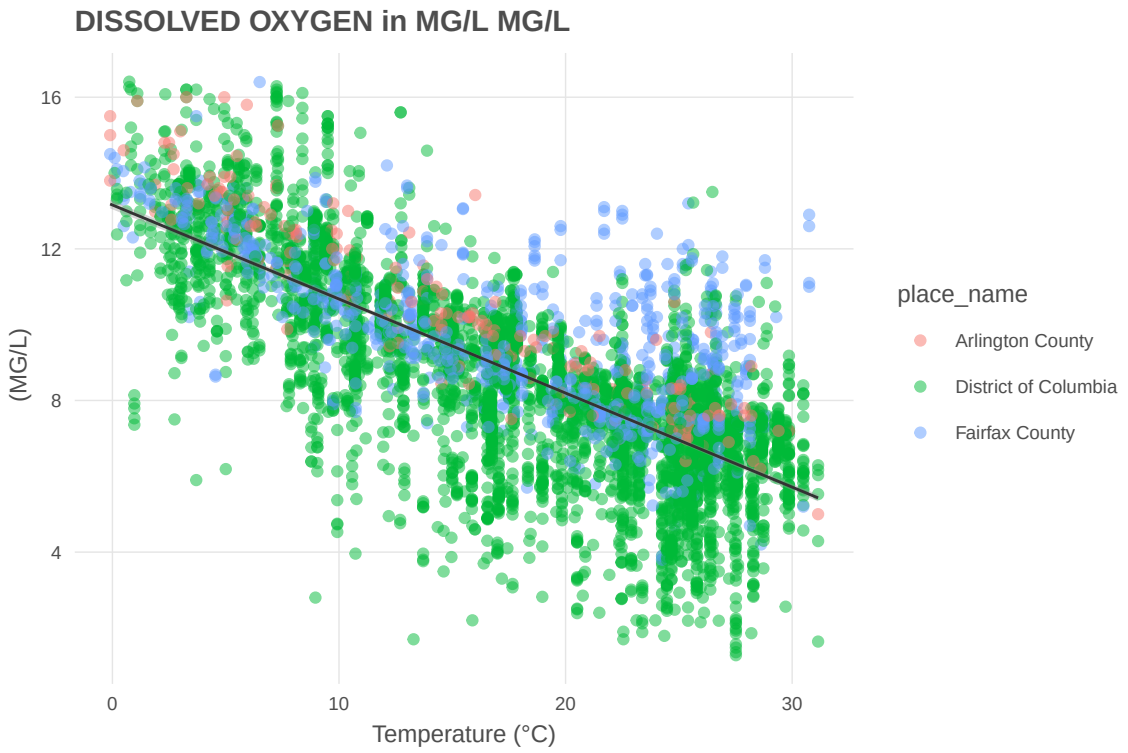
Plot a few parameters against each other

Parameters vs temperature

WHOLE 5-DAY BIOCHEMICAL OXYGEN DEMAND MG/L vs Temp: $R^2 = 0.0197$



ACTIVE CHLOROPHYLL-A UG/L vs Temp: $R^2 = 0.1386$



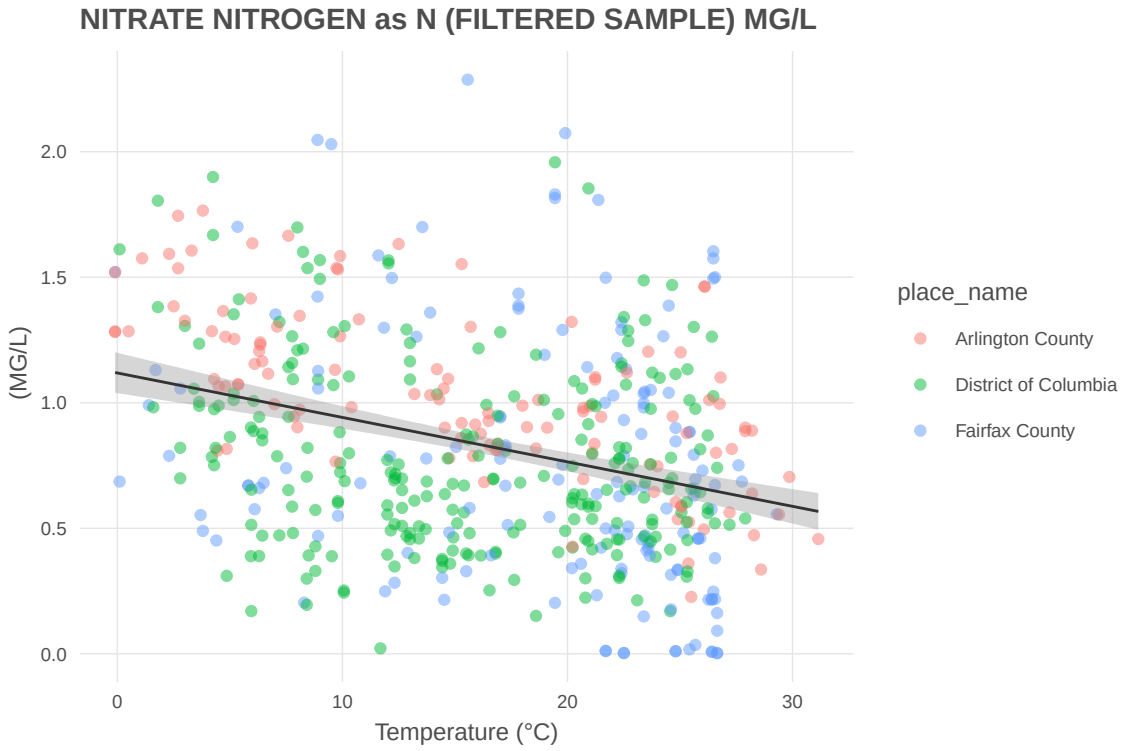
DISSOLVED OXYGEN IN MG/L MG/L vs Temp: $R^2 = 0.5506$

HARDNESS AS CACO3 MG/L vs Temp: $R^2 = 0.0063$

AMMONIUM NITROGEN AS N (FILTERED SAMPLE) MG/L vs Temp: $R^2 = 0.0053$

NITRITE+NITRATE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Temp: $R^2 = 0.0918$

NITRITE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Temp: $R^2 = 0.0233$



NITRATE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Temp: $R^2 = 0.1051$

PH CORRECTED FOR TEMPERATURE (25 DEG C) SU vs Temp: $R^2 = 0.0036$

SALINITY UNITS IN PPT AND EQUAL TO PRACTICAL SALNITY UNITS (PSU) PPT vs Temp: $R^2 = 0.0692$

SECCHI DEPTH M vs Temp: $R^2 = 0.0140$

TOTAL ALKALINITY AS CACO3 MG/L vs Temp: $R^2 = 0.0163$

TOTAL DISSOLVED NITROGEN MG/L vs Temp: $R^2 = 0.0962$

TOTAL DISSOLVED PHOSPHORUS MG/L vs Temp: $R^2 = 0.0035$

TOTAL SUSPENDED SOLIDS MG/L vs Temp: $R^2 = 0.0060$

TURBIDITY; NEPHELOMETRIC METHOD NTU vs Temp: $R^2 = 0.0096$

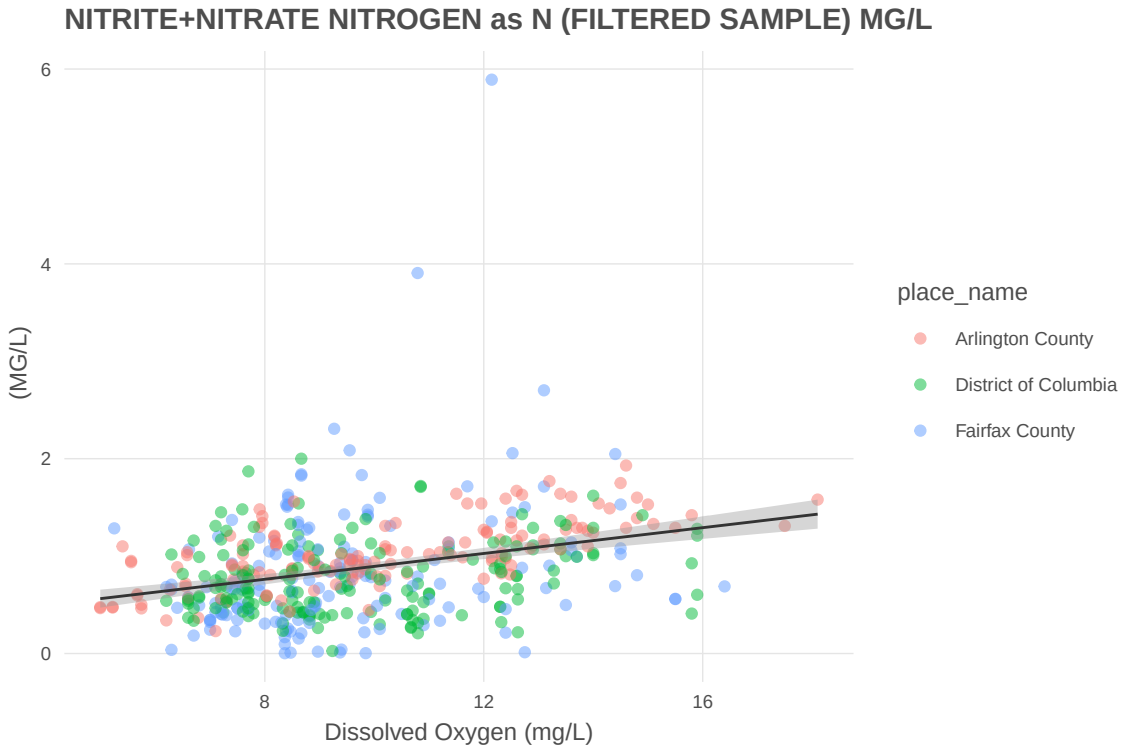
Parameters vs oxygen

WHOLE 5-DAY BIOCHEMICAL OXYGEN DEMAND MG/L vs Dissolved Oxygen: $R^2 = 0.0243$

ACTIVE CHLOROPHYLL-A UG/L vs Dissolved Oxygen: $R^2 = 0.0699$

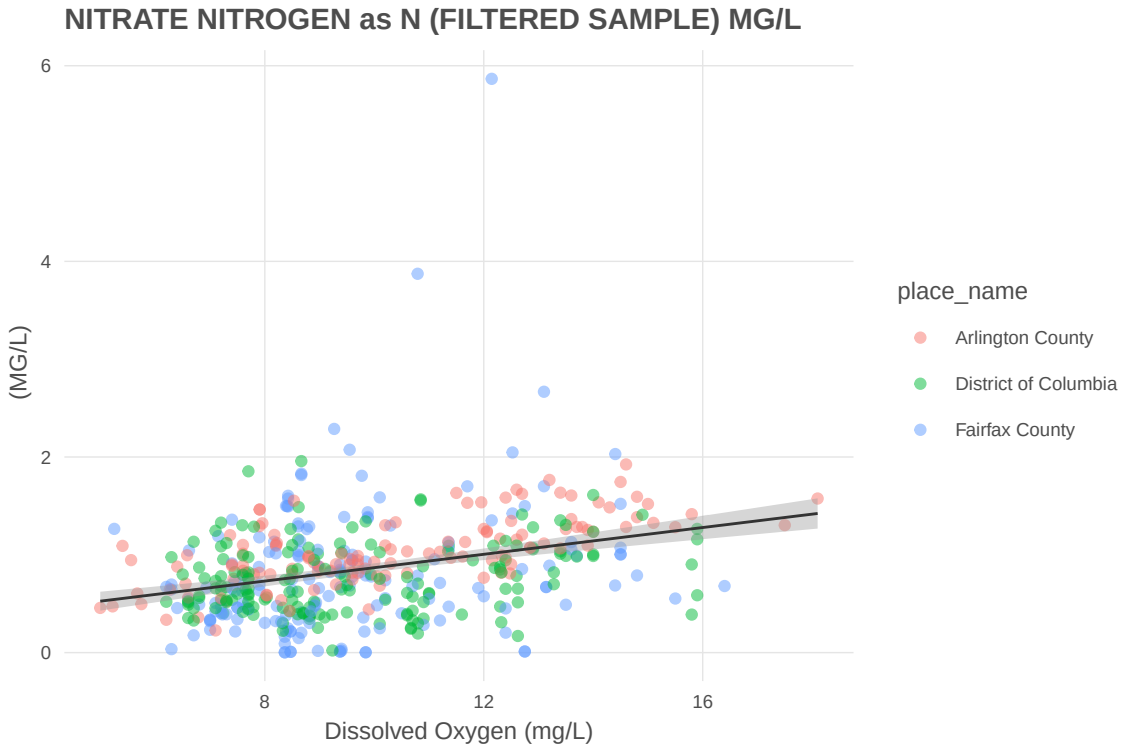
HARDNESS AS CACO3 MG/L vs Dissolved Oxygen: $R^2 = 0.0346$

AMMONIUM NITROGEN AS N (FILTERED SAMPLE) MG/L vs Dissolved Oxygen: $R^2 = 0.0025$



NITRITE+NITRATE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Dissolved Oxygen: $R^2 = 0.1068$

NITRITE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Dissolved Oxygen: $R^2 = 0.0581$



NITRATE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Dissolved Oxygen: $R^2 = 0.1074$

PH CORRECTED FOR TEMPERATURE (25 DEG C) SU vs Dissolved Oxygen: $R^2 = 0.0017$

SALINITY UNITS IN PPT AND EQUAL TO PRACTICAL SALNITY UNITS (PSU) PPT vs Dissolved Oxygen: $R^2 = 0.0614$

SECCHI DEPTH M vs Dissolved Oxygen: $R^2 = 0.0381$

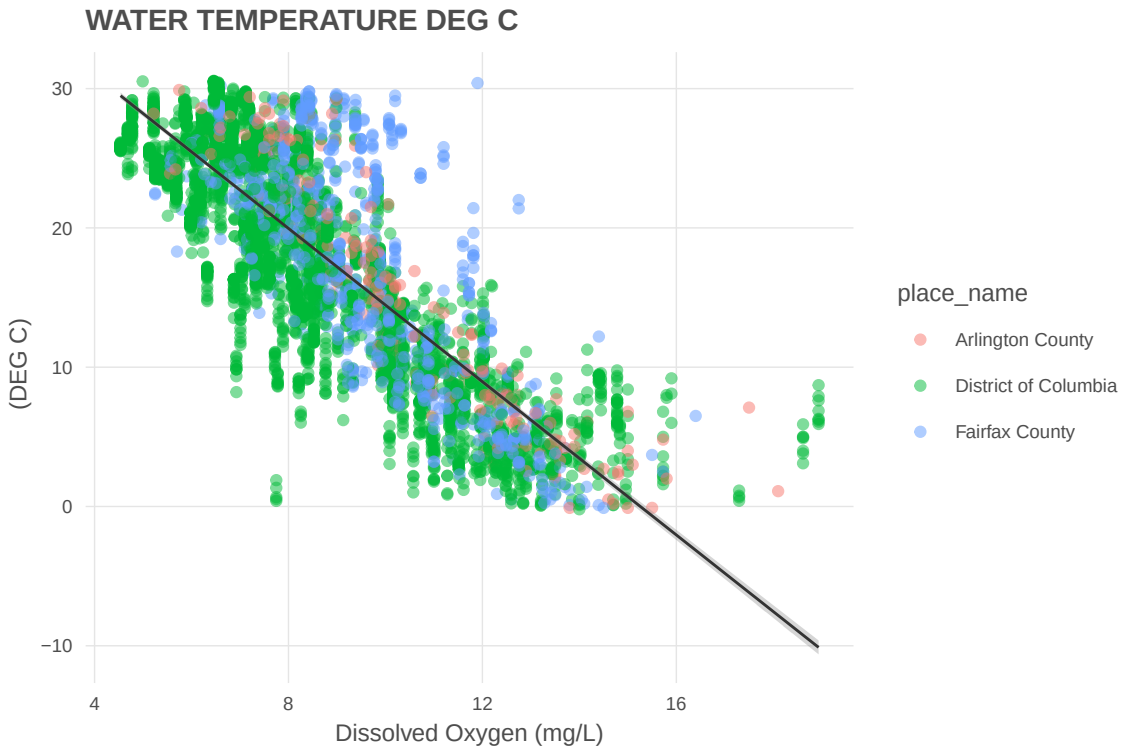
TOTAL ALKALINITY AS CACO3 MG/L vs Dissolved Oxygen: $R^2 = 0.0035$

TOTAL DISSOLVED NITROGEN MG/L vs Dissolved Oxygen: $R^2 = 0.0973$

TOTAL DISSOLVED PHOSPHORUS MG/L vs Dissolved Oxygen: $R^2 = -0.0014$

TOTAL SUSPENDED SOLIDS MG/L vs Dissolved Oxygen: $R^2 = 0.0026$

TURBIDITY; NEPHELOMETRIC METHOD NTU vs Dissolved Oxygen: $R^2 = -0.0000$

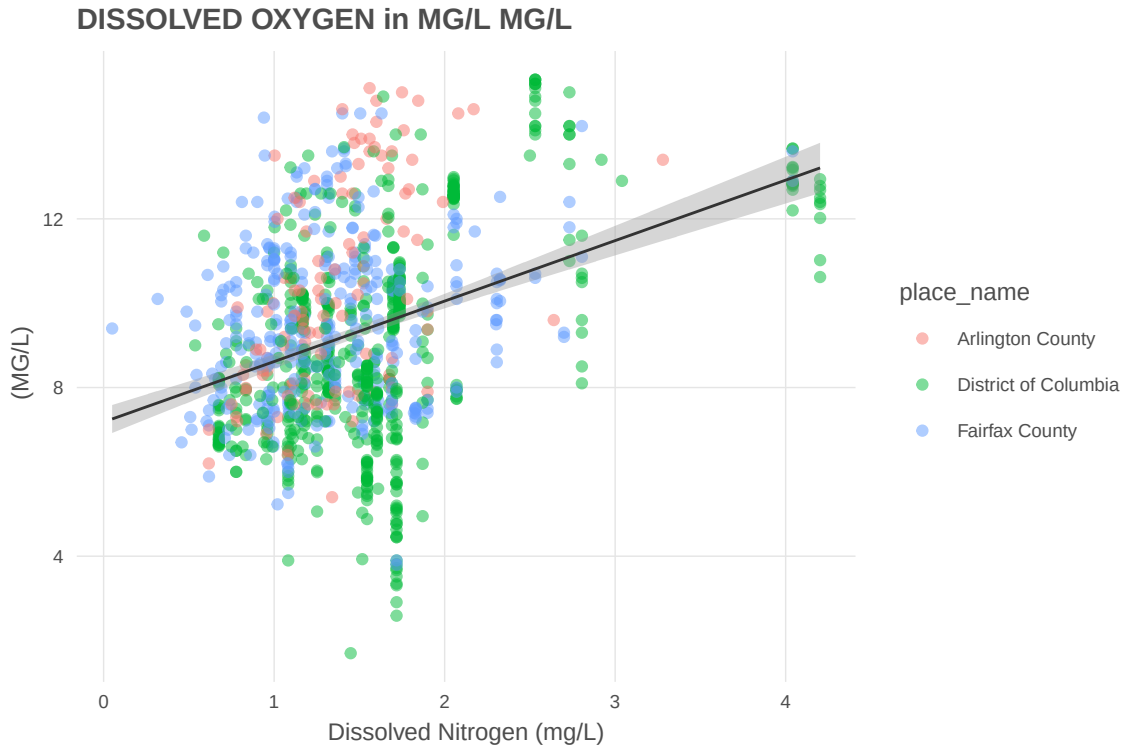


WATER TEMPERATURE DEG C vs Dissolved Oxygen: $R^2 = 0.6943$

Parameters vs nitrogen

WHOLE 5-DAY BIOCHEMICAL OXYGEN DEMAND MG/L vs Dissolved Nitrogen: $R^2 = 0.0070$

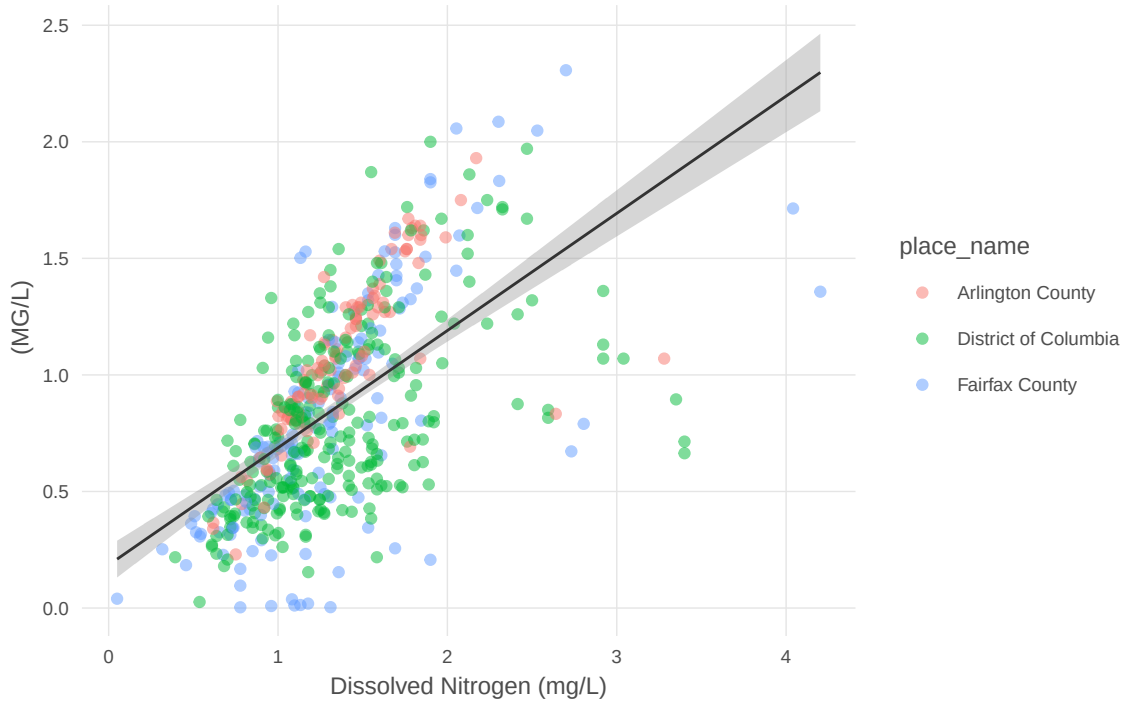
ACTIVE CHLOROPHYLL-A UG/L vs Dissolved Nitrogen: $R^2 = 0.0066$



DISSOLVED OXYGEN IN MG/L MG/L vs Dissolved Nitrogen: $R^2 = 0.1415$

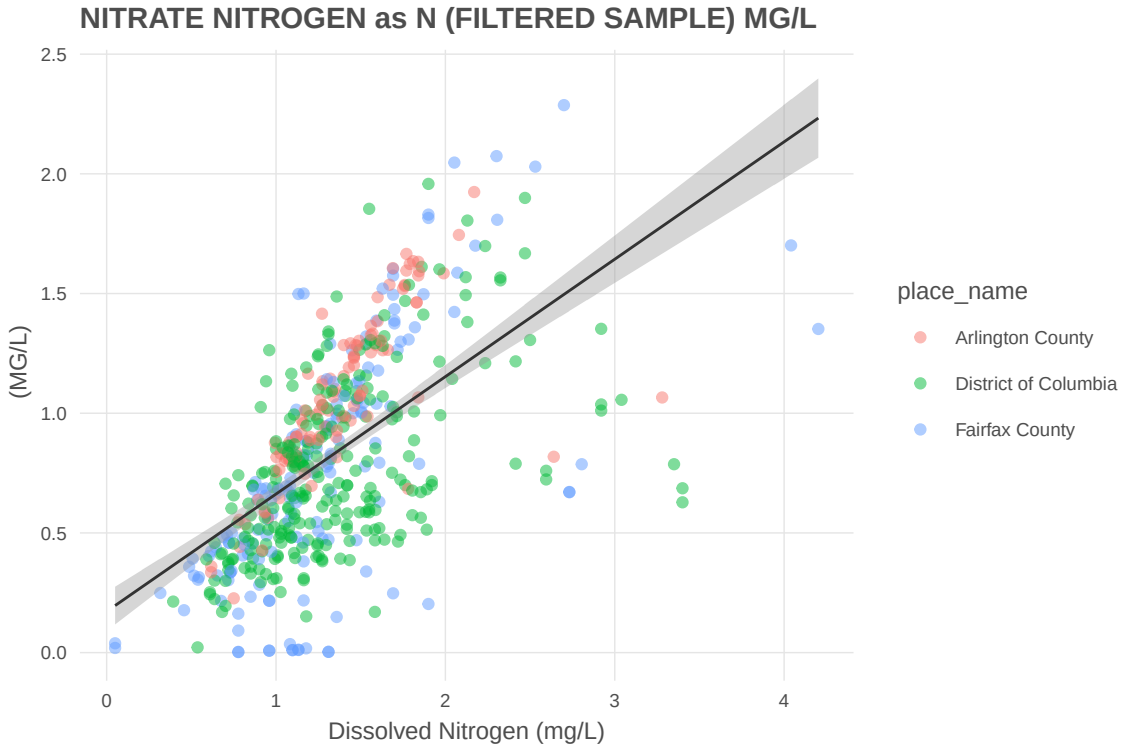
HARDNESS AS CACO3 MG/L vs Dissolved Nitrogen: $R^2 = -0.0040$

AMMONIUM NITROGEN AS N (FILTERED SAMPLE) MG/L vs Dissolved Nitrogen: $R^2 = 0.0767$



NITRITE+NITRATE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Dissolved Nitrogen: $R^2 = 0.3626$

NITRITE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Dissolved Nitrogen: $R^2 = 0.0367$



NITRATE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Dissolved Nitrogen: $R^2 = 0.3513$

PH CORRECTED FOR TEMPERATURE (25 DEG C) SU vs Dissolved Nitrogen: $R^2 = 0.0198$

SALINITY UNITS IN PPT AND EQUAL TO PRACTICAL SALNITY UNITS (PSU) PPT vs Dissolved Nitrogen: $R^2 = 0.0590$

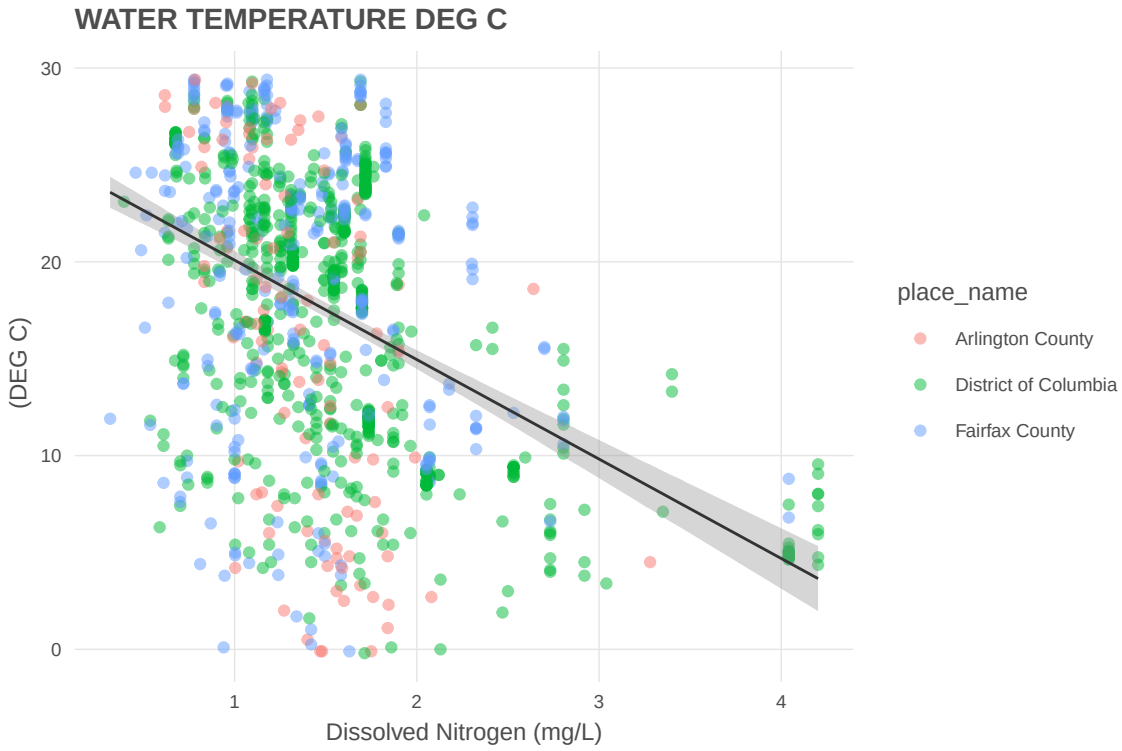
SECCHI DEPTH M vs Dissolved Nitrogen: $R^2 = 0.0143$

TOTAL ALKALINITY AS CACO3 MG/L vs Dissolved Nitrogen: $R^2 = 0.0254$

TOTAL DISSOLVED PHOSPHORUS MG/L vs Dissolved Nitrogen: $R^2 = 0.0177$

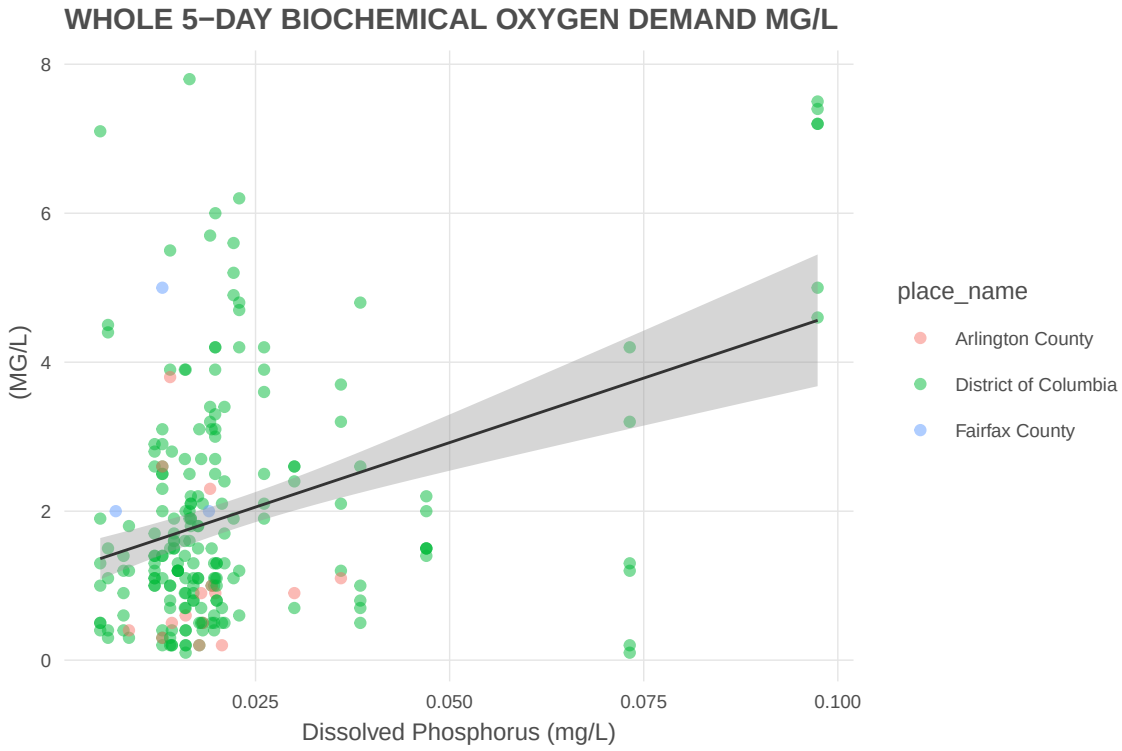
TOTAL SUSPENDED SOLIDS MG/L vs Dissolved Nitrogen: $R^2 = 0.0201$

TURBIDITY; NEPHELOMETRIC METHOD NTU vs Dissolved Nitrogen: $R^2 = 0.0268$



WATER TEMPERATURE DEG C vs Dissolved Nitrogen: $R^2 = 0.1974$

Parameters vs phosphorus

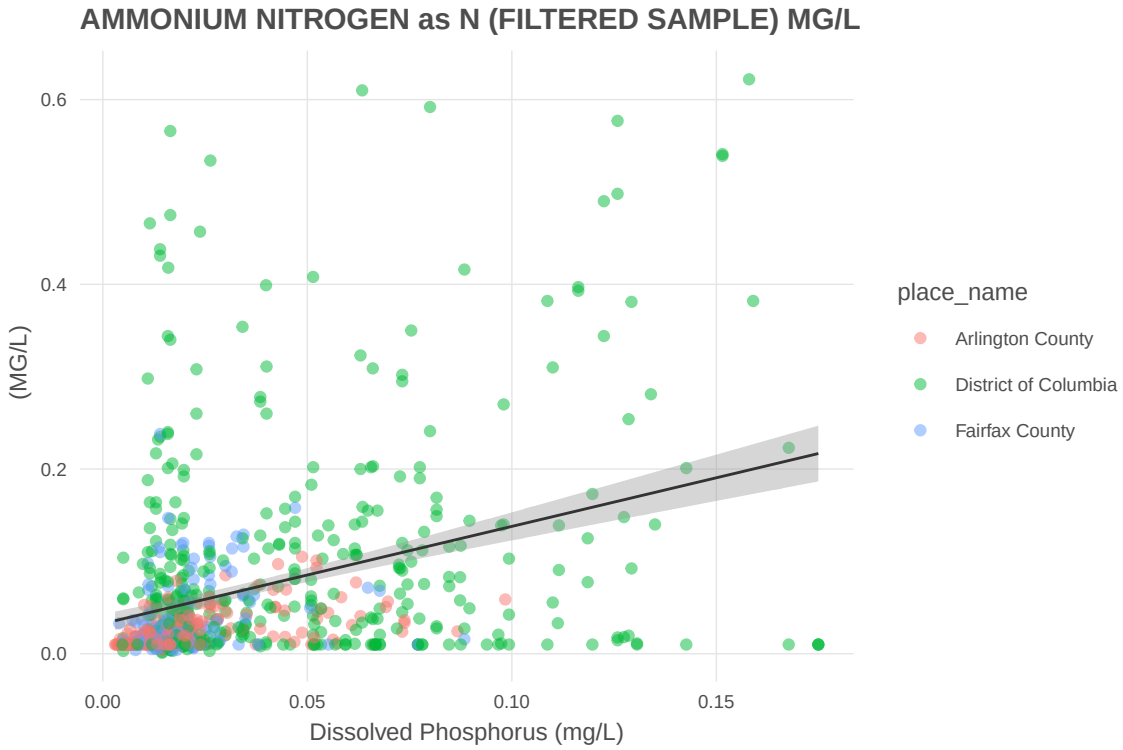


WHOLE 5-DAY BIOCHEMICAL OXYGEN DEMAND MG/L vs Dissolved Phosphorus: $R^2 = 0.1360$

ACTIVE CHLOROPHYLL-A UG/L vs Dissolved Phosphorus: $R^2 = 0.0186$

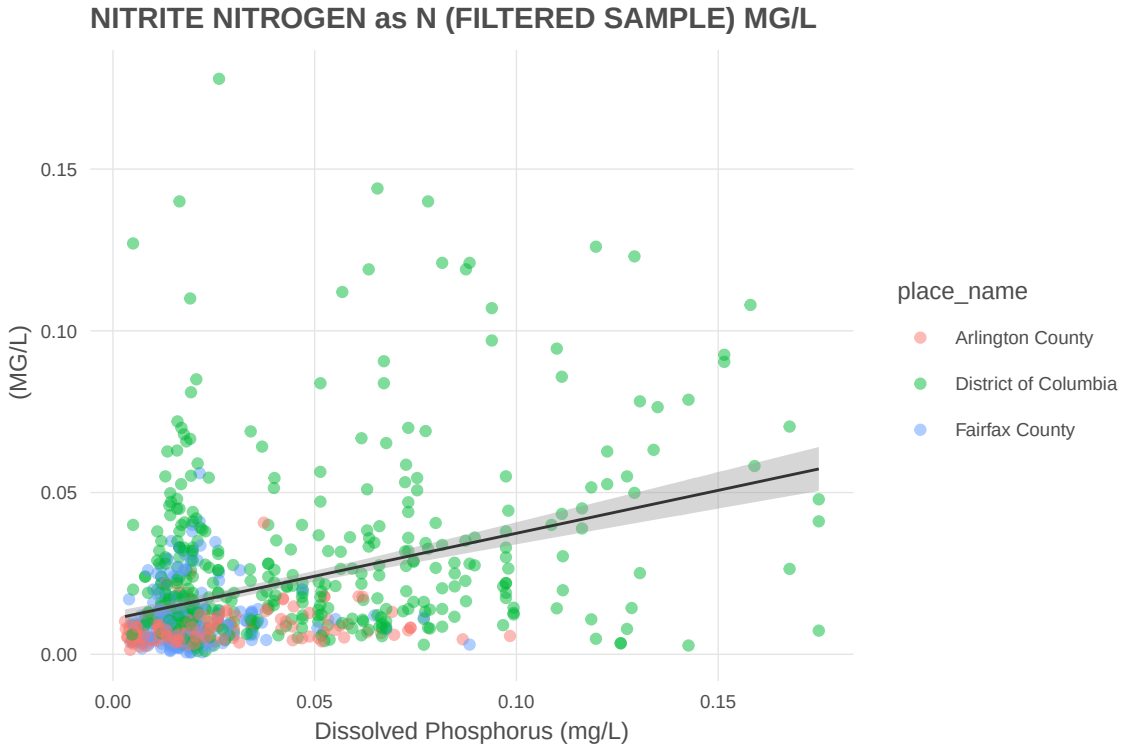
DISSOLVED OXYGEN IN MG/L MG/L vs Dissolved Phosphorus: $R^2 = 0.0029$

HARDNESS AS CACO3 MG/L vs Dissolved Phosphorus: $R^2 = 0.0754$



AMMONIUM NITROGEN AS N (FILTERED SAMPLE) MG/L vs Dissolved Phosphorus: $R^2 = 0.1170$

NITRITE+NITRATE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Dissolved Phosphorus: $R^2 = 0.0209$



NITRITE

NITROGEN AS N (FILTERED SAMPLE) MG/L vs Dissolved Phosphorus: $R^2 = 0.1398$

NITRATE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Dissolved Phosphorus: $R^2 = 0.0251$

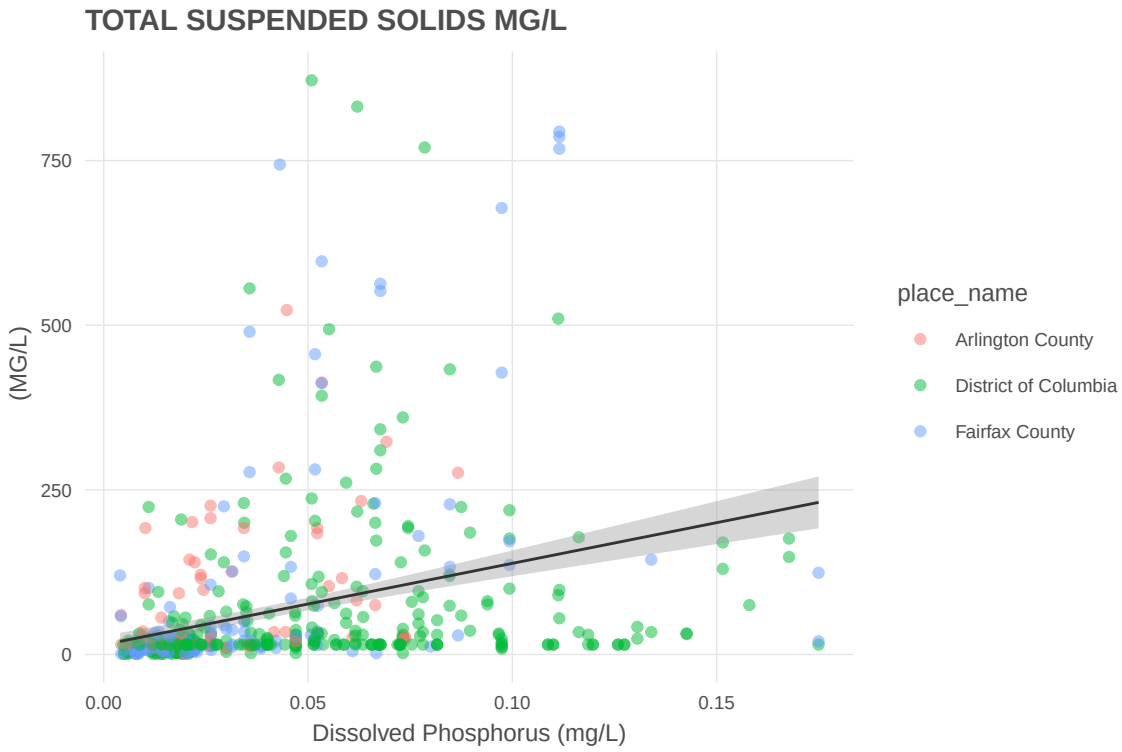
PH CORRECTED FOR TEMPERATURE (25 DEG C) SU vs Dissolved Phosphorus: $R^2 = 0.0744$

SALINITY UNITS IN PPT AND EQUAL TO PRACTICAL SALNITY UNITS (PSU) PPT vs Dissolved Phosphorus: $R^2 = 0.0078$

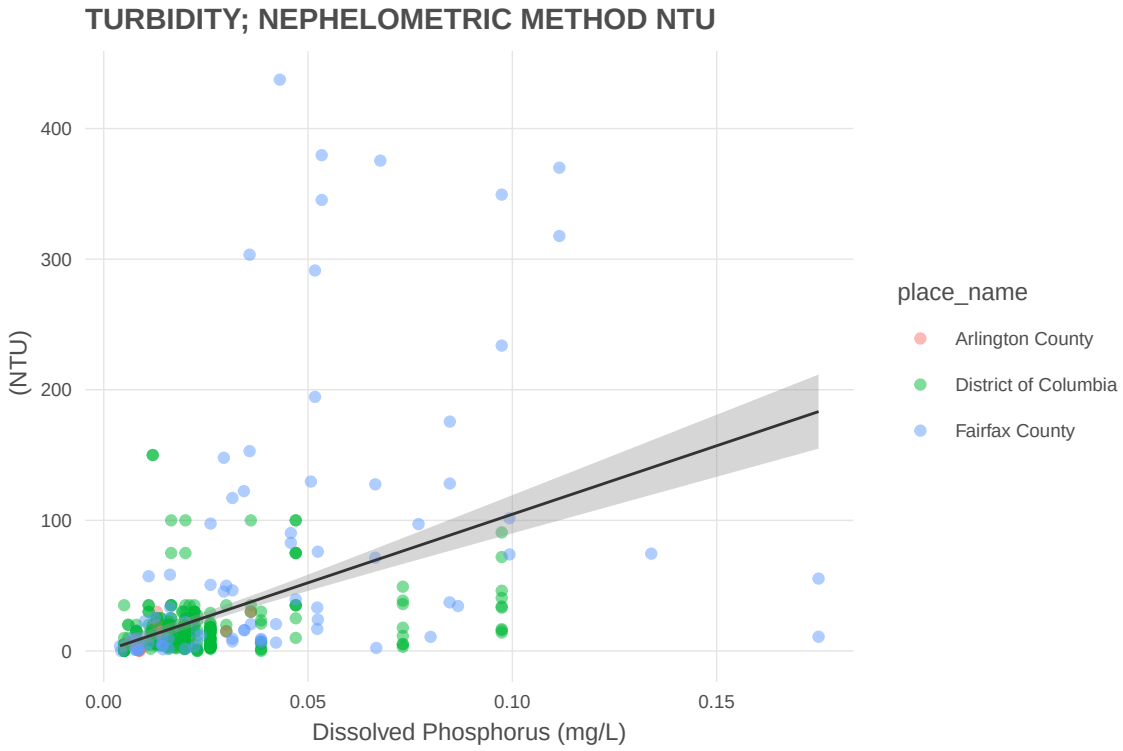
SECCHI DEPTH M vs Dissolved Phosphorus: $R^2 = 0.0656$

TOTAL ALKALINITY AS CACO3 MG/L vs Dissolved Phosphorus: $R^2 = -0.0021$

TOTAL DISSOLVED NITROGEN MG/L vs Dissolved Phosphorus: $R^2 = 0.0256$



TOTAL SUSPENDED SOLIDS MG/L vs Dissolved Phosphorus: $R^2 = 0.1065$



TURBIDITY; NEPHELOMETRIC METHOD NTU vs Dissolved Phosphorus: $R^2 = 0.1935$

WATER TEMPERATURE DEG C vs Dissolved Phosphorus: $R^2 = 0.0136$

Parameters vs turbidity

WHOLE 5-DAY BIOCHEMICAL OXYGEN DEMAND MG/L vs Turbidity: $R^2 = 0.0651$

ACTIVE CHLOROPHYLL-A UG/L vs Turbidity: $R^2 = 0.0152$

DISSOLVED OXYGEN IN MG/L MG/L vs Turbidity: $R^2 = -0.0002$

HARDNESS AS CACO3 MG/L vs Turbidity: $R^2 = 0.0725$

AMMONIUM NITROGEN AS N (FILTERED SAMPLE) MG/L vs Turbidity: $R^2 = 0.0074$

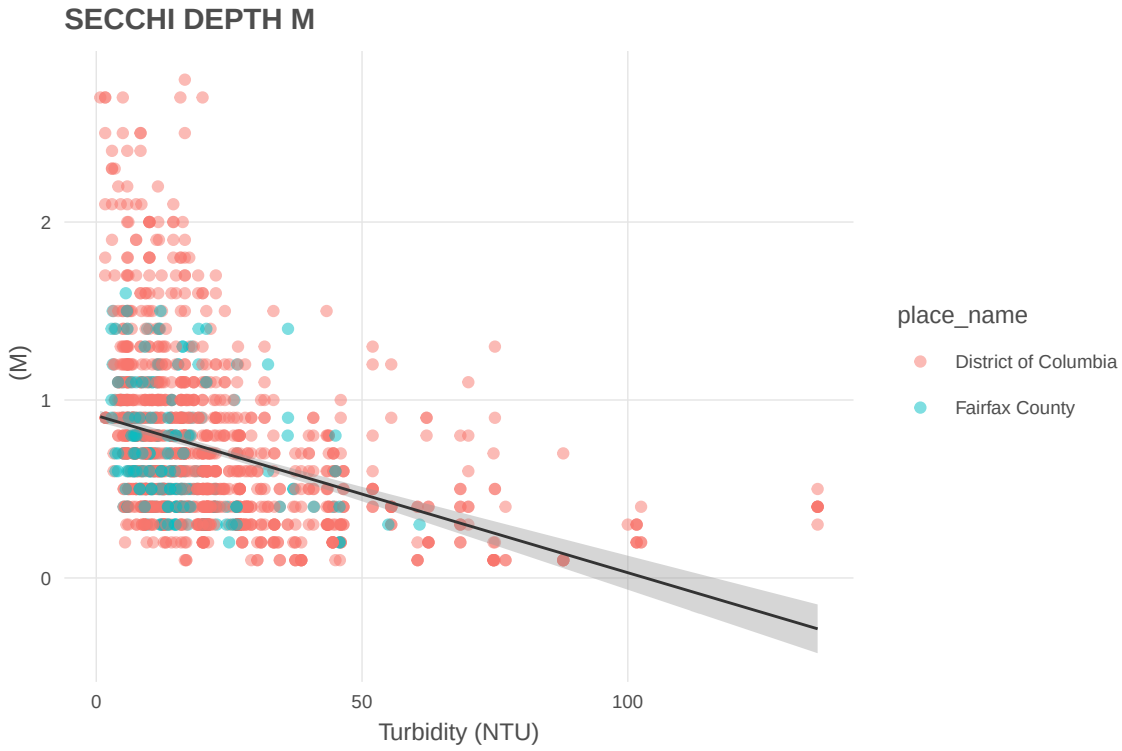
NITRITE+NITRATE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Turbidity: $R^2 = 0.0277$

NITRITE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Turbidity: $R^2 = 0.0030$

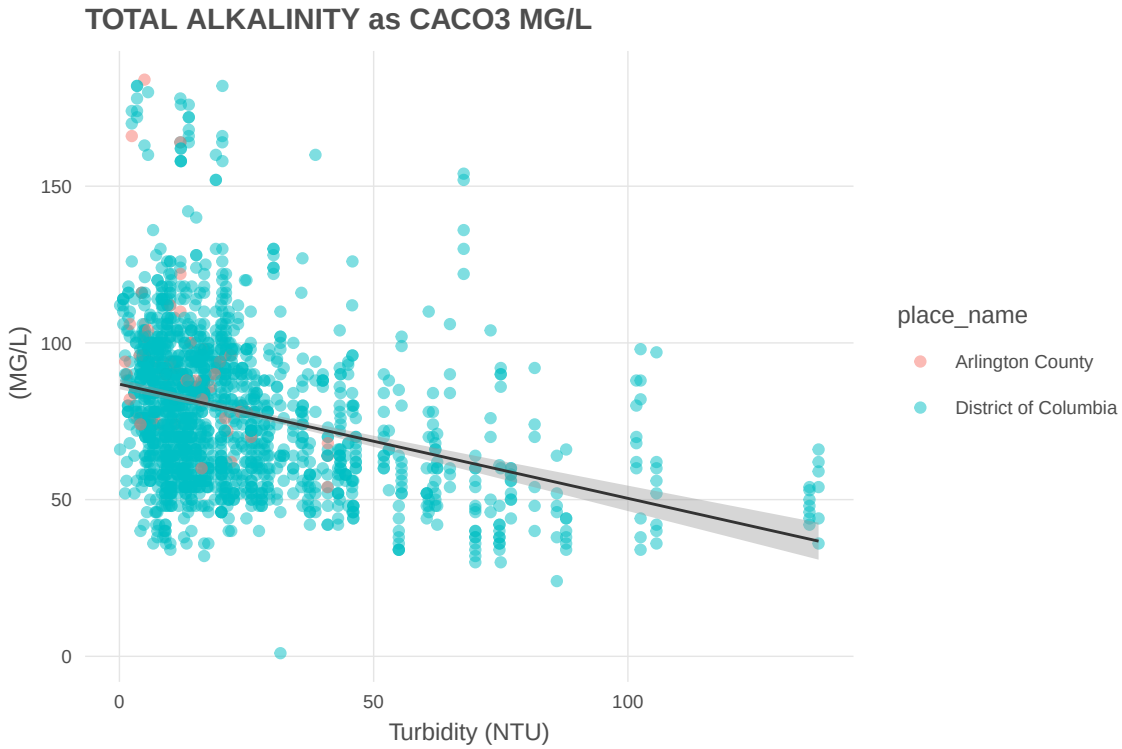
NITRATE NITROGEN AS N (FILTERED SAMPLE) MG/L vs Turbidity: $R^2 = 0.0208$

PH CORRECTED FOR TEMPERATURE (25 DEG C) SU vs Turbidity: $R^2 = 0.0385$

SALINITY UNITS IN PPT AND EQUAL TO PRACTICAL SALNITY UNITS (PSU) PPT vs Turbidity: $R^2 = 0.0046$



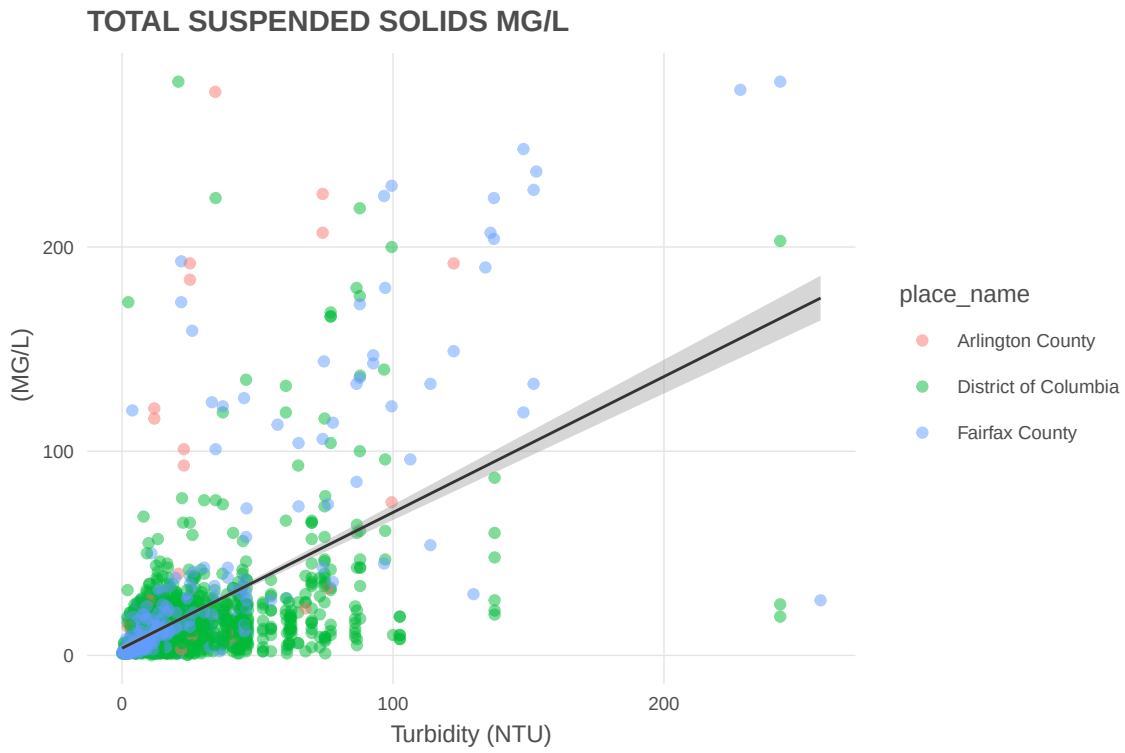
SECCHI DEPTH M vs Turbidity: $R^2 = 0.1311$



TOTAL ALKALINITY AS CACO3 MG/L vs Turbidity: $R^2 = 0.1068$

TOTAL DISSOLVED NITROGEN MG/L vs Turbidity: $R^2 = 0.0257$

TOTAL DISSOLVED PHOSPHORUS MG/L vs Turbidity: $R^2 = 0.0502$



TOTAL SUSPENDED SOLIDS MG/L vs Turbidity: $R^2 = 0.3017$

WATER TEMPERATURE DEG C vs Turbidity: $R^2 = 0.0062$