

# Discrete QAQC Report

TILER - Tediously Interpreting Layers of Extraneous Reporting

2024-02-21

## Discrete QAQC Report

This document is intended to provide an overview of newly-exported Combined Tables.

The following *Combined\_WQ\_WC\_NUT\_* files are included in the analysis:

## Comparison of Current and Previous Exports - Overview

Table 1: Comparison of New vs. Old data exports

parameter	oldFile	newFile	nDataOld	nDataNew	difference
Ammonia- Un-ionized (NH3)	2023-Oct-11	2024-Jan-10	523	523	0
Chlorophyll a corrected for pheophytin	2023-Oct-11	2024-Jan-10	70192	54065	-16127
Chlorophyll a uncorrected for pheophytin	2023-Oct-11	2024-Jan-10	74306	92791	18485
Colored dissolved organic matter, CDOM	2023-Oct-11	2024-Jan-10	22029	22662	633
Dissolved Oxygen	2023-Oct-11	2024-Jan-10	862879	864543	1664
Dissolved Oxygen Saturation	2023-Oct-11	2024-Jan-10	154647	156082	1435
Light Extinction Coefficient	2023-Oct-11	2024-Jan-10	16333	16333	0
NH4 Filtered	2023-Oct-11	2024-Jan-10	144477	145237	760
Nitrate (N)	2023-Oct-11	2024-Jan-10	21654	21654	0
Nitrite (N)	2023-Oct-11	2024-Jan-10	36421	36569	148
Nitrogen, organic	2023-Oct-11	2024-Jan-10	7559	7559	0
NO2+3 Filtered	2023-Oct-11	2024-Jan-10	158982	159829	847
pH	2023-Oct-11	2024-Jan-10	672459	676509	4050
PO4 Filtered	2023-Oct-11	2024-Jan-10	77957	77957	0
Salinity	2023-Oct-11	2024-Jan-10	869048	871932	2884
Secchi Depth	2023-Oct-11	2024-Jan-10	310317	311780	1463
Specific Conductivity	2023-Oct-11	2024-Jan-10	429036	460764	31728
Total Kjeldahl Nitrogen TKN	2023-Oct-11	2024-Jan-10	102086	102839	753
Total Nitrogen	2023-Oct-11	2024-Jan-10	138551	139074	523
Total Phosphorus	2023-Oct-11	2024-Jan-10	149688	150741	1053
Total Suspended Solids, TSS	2023-Oct-11	2024-Jan-10	78124	78655	531
Turbidity	2023-Oct-11	2024-Jan-10	328839	329810	971
Water Temperature	2023-Oct-11	2024-Jan-10	923626	928493	4867

## Program Differences

**Red** ProgramIDs are Programs in the Old Exports but not in the New Exports

**Green** ProgramIDs are Programs in the New Exports but not in the Old Exports

There is a difference in Programs between exports for the following parameters:

### Chlorophyll a corrected for pheophytin

Programs in old export: (n=21)

103, **297**, 303, 355, 470, 476, 477, 479, 505, 513, 514, 537, 540, 4054, 4063, 5002, 5014, 5026, 5028, 5033, 10000

Programs in new export: (n=20)

103, 303, 355, 470, 476, 477, 479, 505, 513, 514, 537, 540, 4054, 4063, 5002, 5014, 5026, 5028, 5033, 10000

### Chlorophyll a uncorrected for pheophytin

Programs in old export: (n=21)

3, 60, 95, 103, 115, 118, 297, 354, 355, 470, 476, 479, 509, 514, 4054, 5002, 5014, 5026, 5028, 5058, 10000

Programs in new export: (n=24)

3, 60, 95, 103, 115, 118, 297, 354, 355, 470, 476, **477**, 479, 509, 514, **537**, **540**, 4054, 5002, 5014, 5026, 5028, 5058, 10000

### Secchi Depth

Programs in old export: (n=31)

60, 69, 103, 115, 118, 129, 303, 355, 470, 476, 477, 479, 513, 514, 537, 557, 558, 572, 3000, 3001, 3013, 3016, 4049, 4054, 4065, 5002, 5014, 5026, 5028, 5033, 10000

Programs in new export: (n=32)

60, 69, 103, 115, 118, 129, 303, 355, **469**, 470, 476, 477, 479, 513, 514, 537, 557, 558, 572, 3000, 3001, 3013, 3016, 4049, 4054, 4065, 5002, 5014, 5026, 5028, 5033, 10000