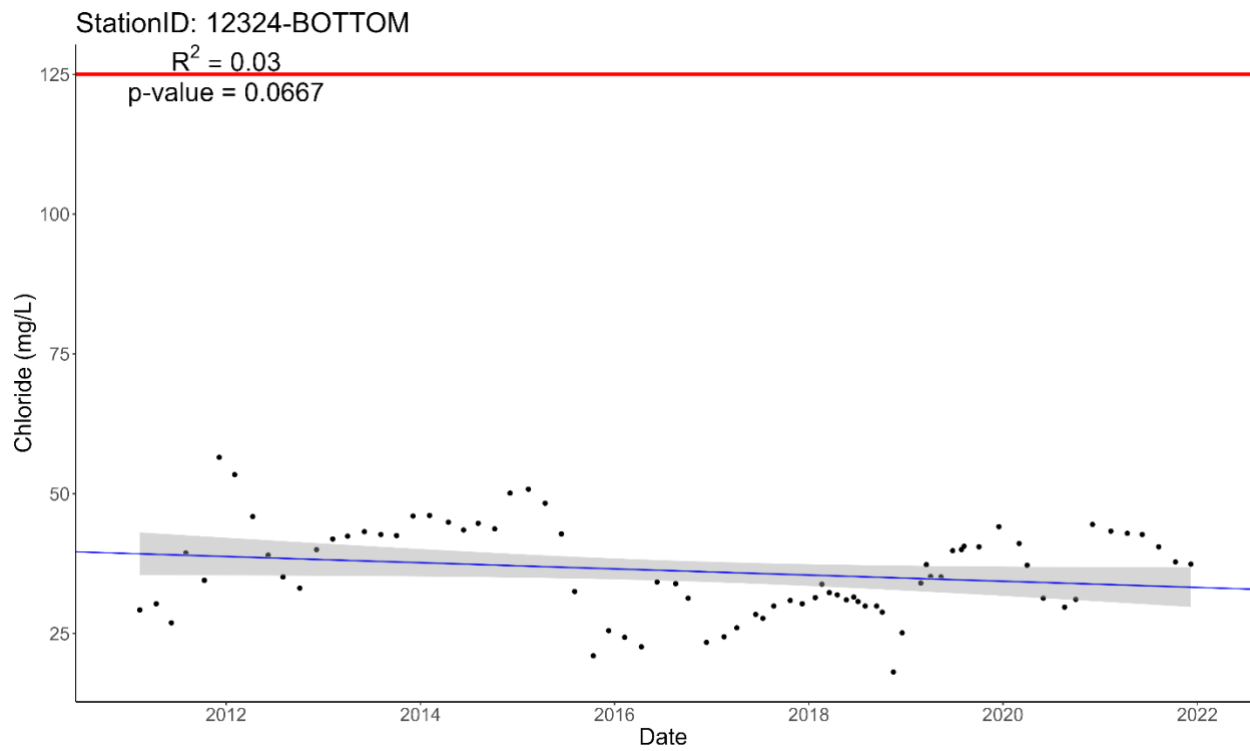
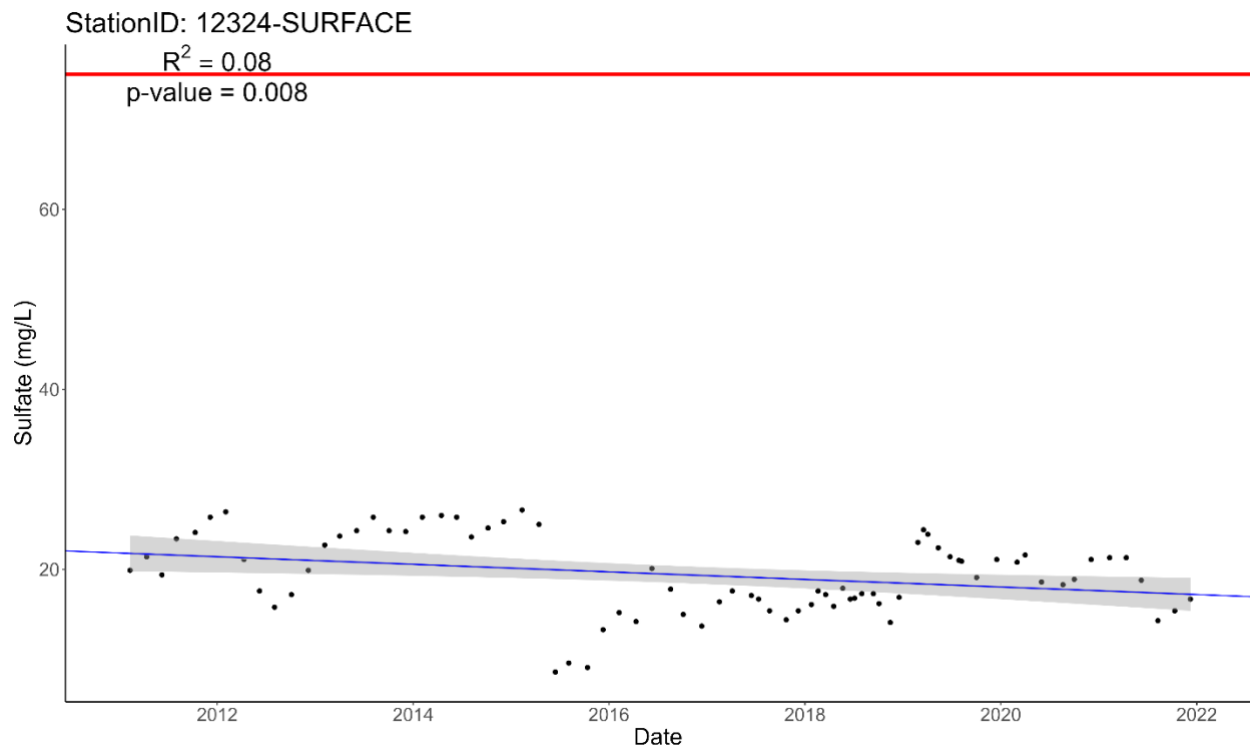


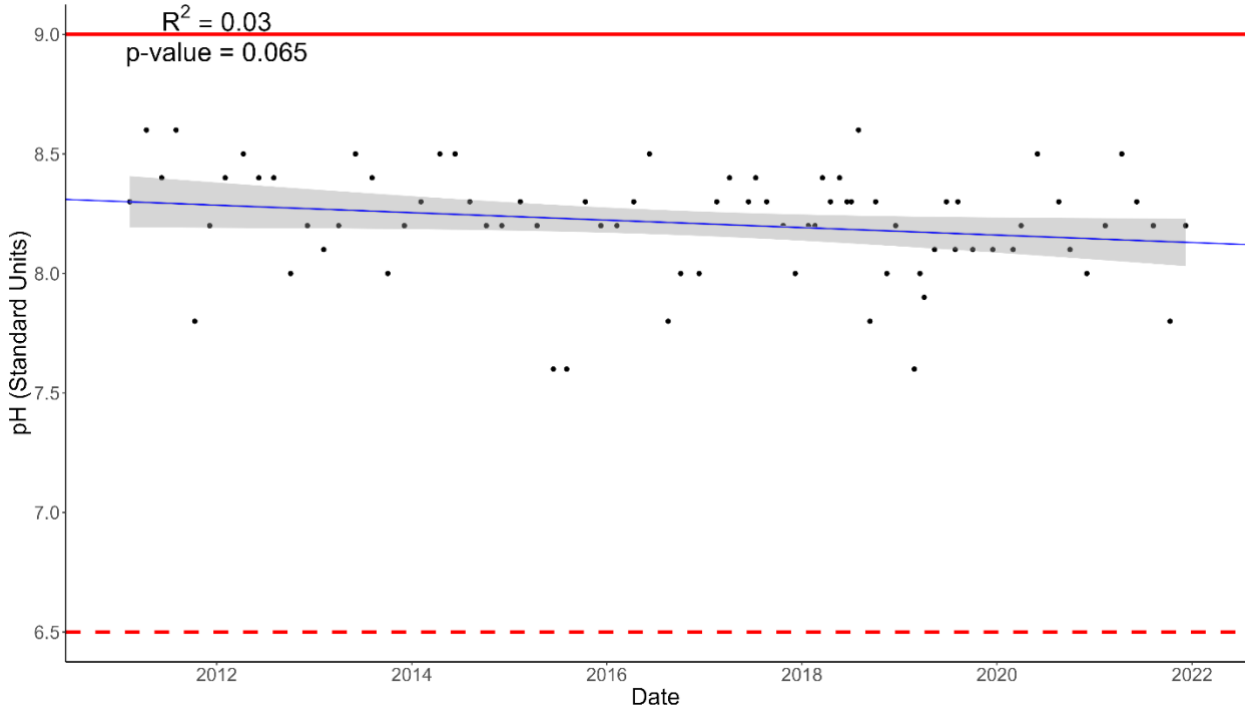
Appendix X8

Significant temporal trend graphs for all stations in the Lake LBJ watershed by segment.

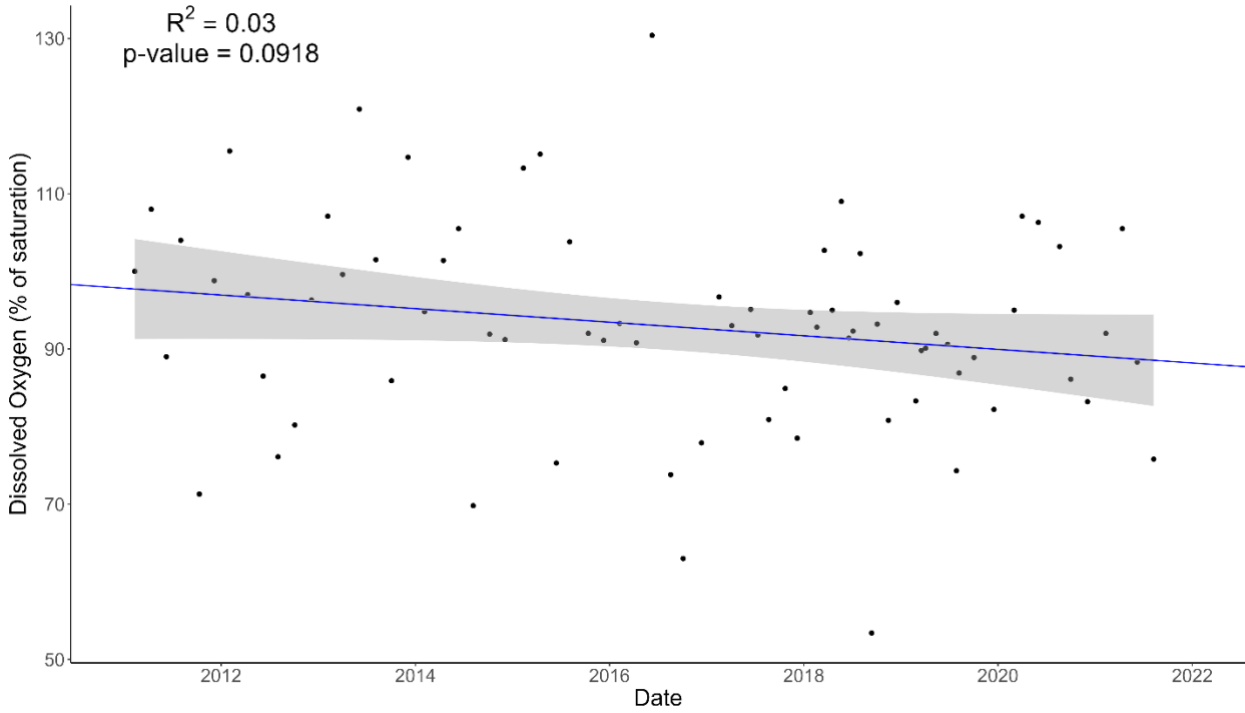
1406 – Lake Lyndon B. Johnson



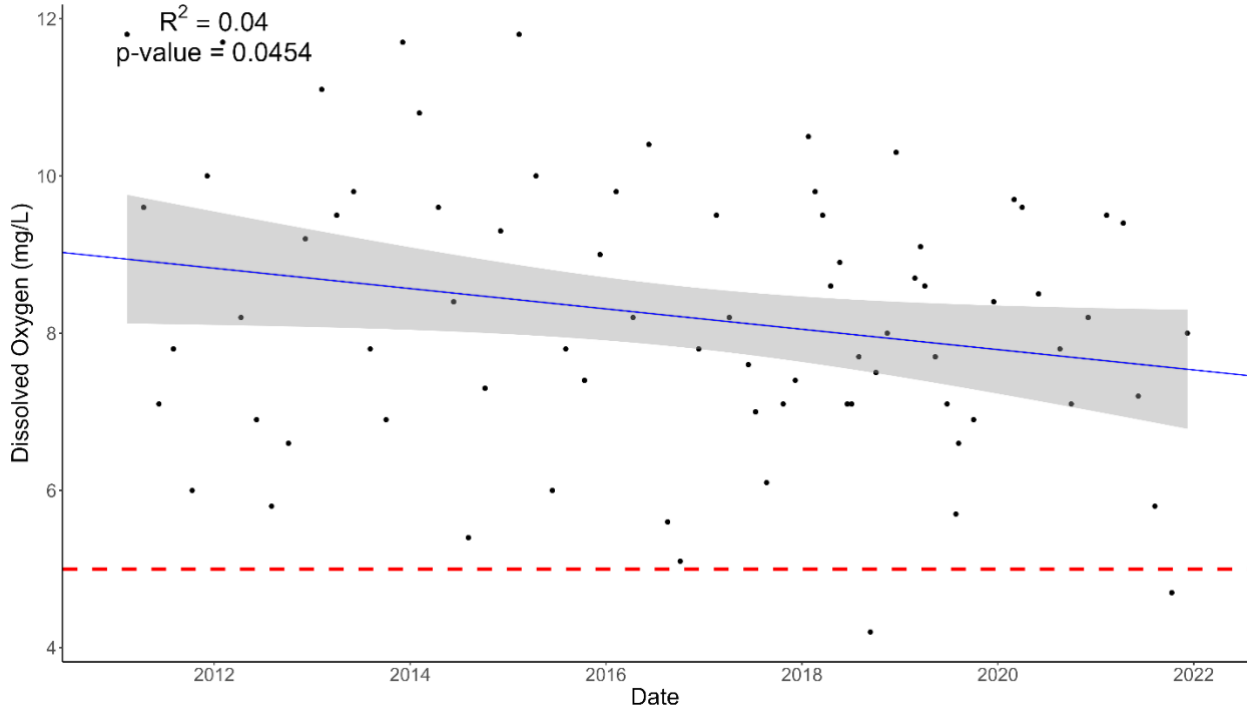
StationID: 12324-SURFACE



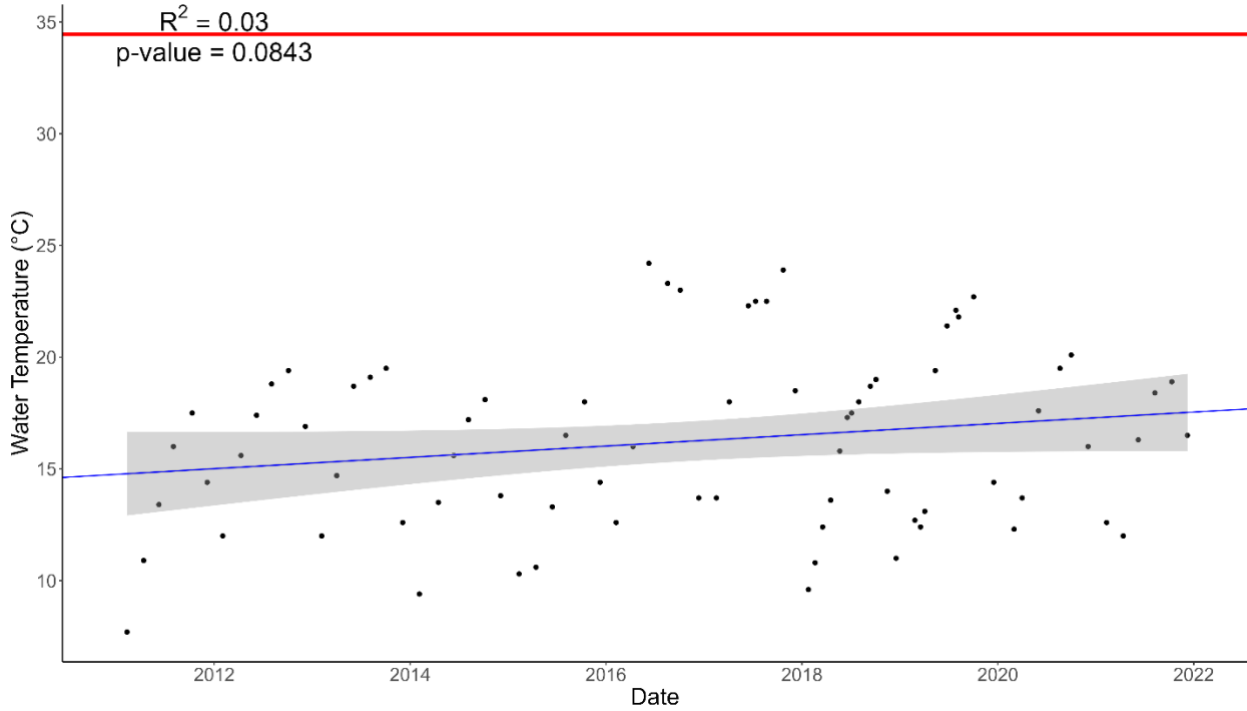
StationID: 12324-SURFACE



StationID: 12324-SURFACE

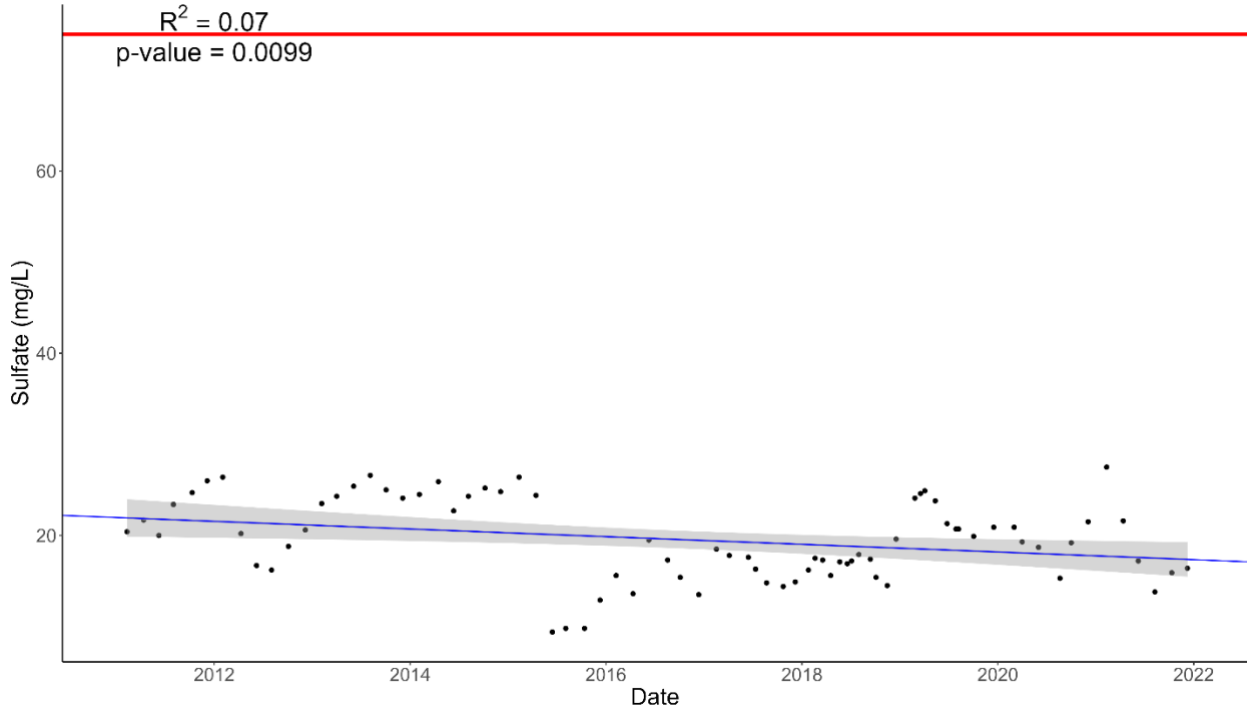


StationID: 12324-BOTTOM



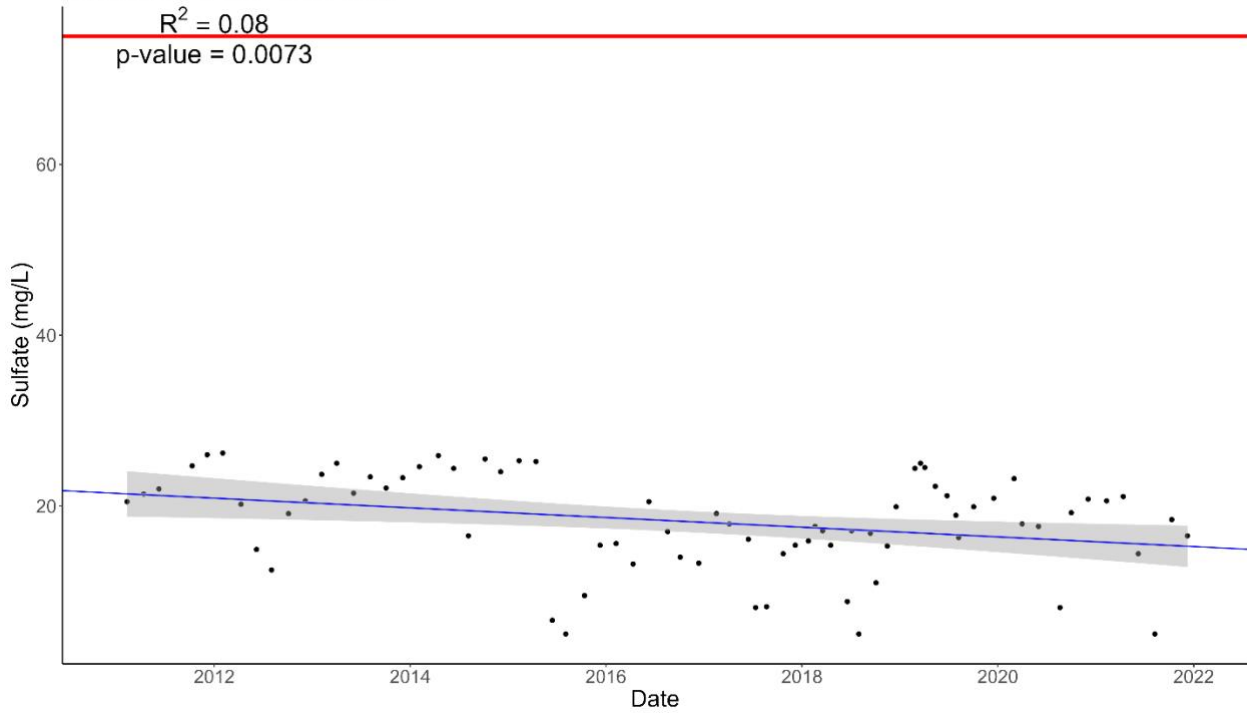
StationID: 12327-SURFACE

$R^2 = 0.07$
p-value = 0.0099

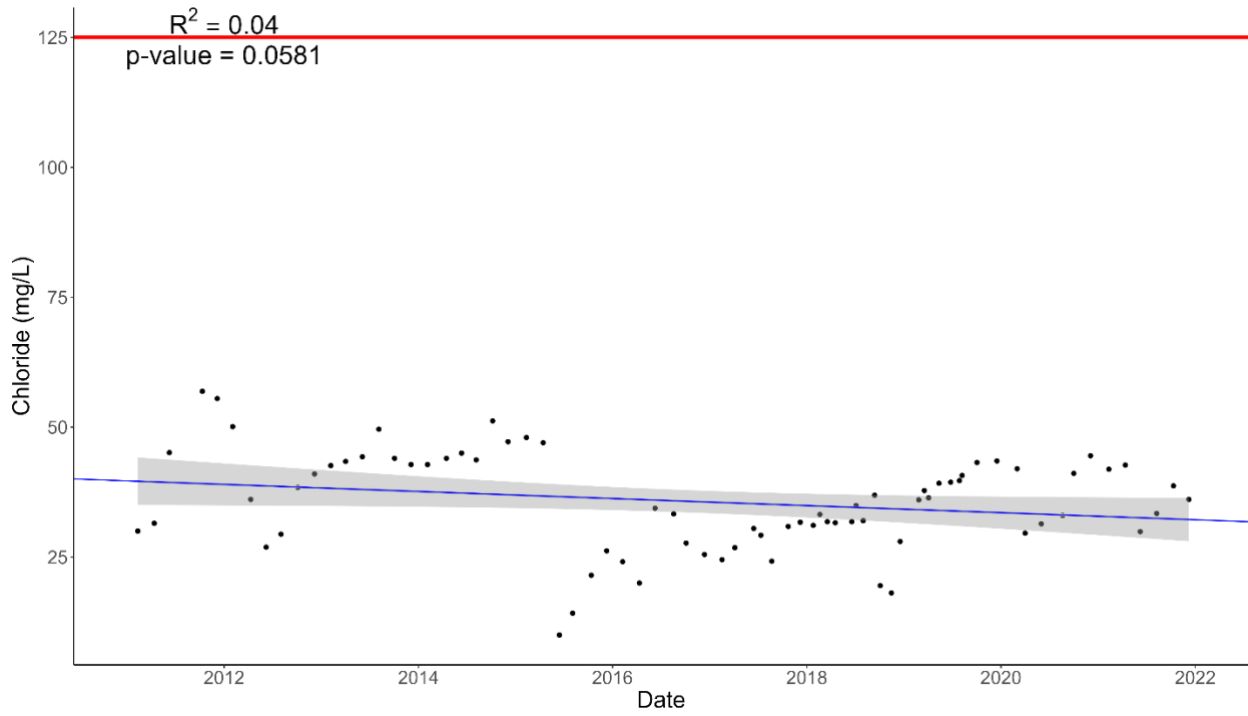


StationID: 12327-BOTTOM

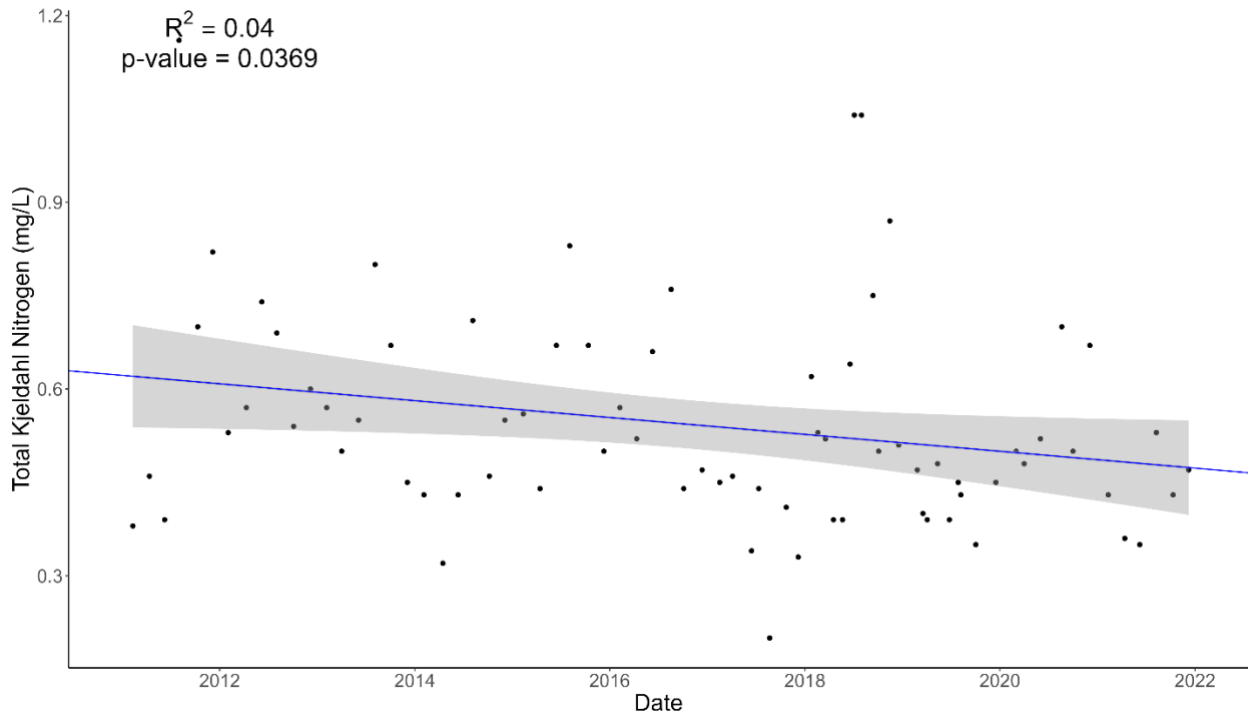
$R^2 = 0.08$
p-value = 0.0073



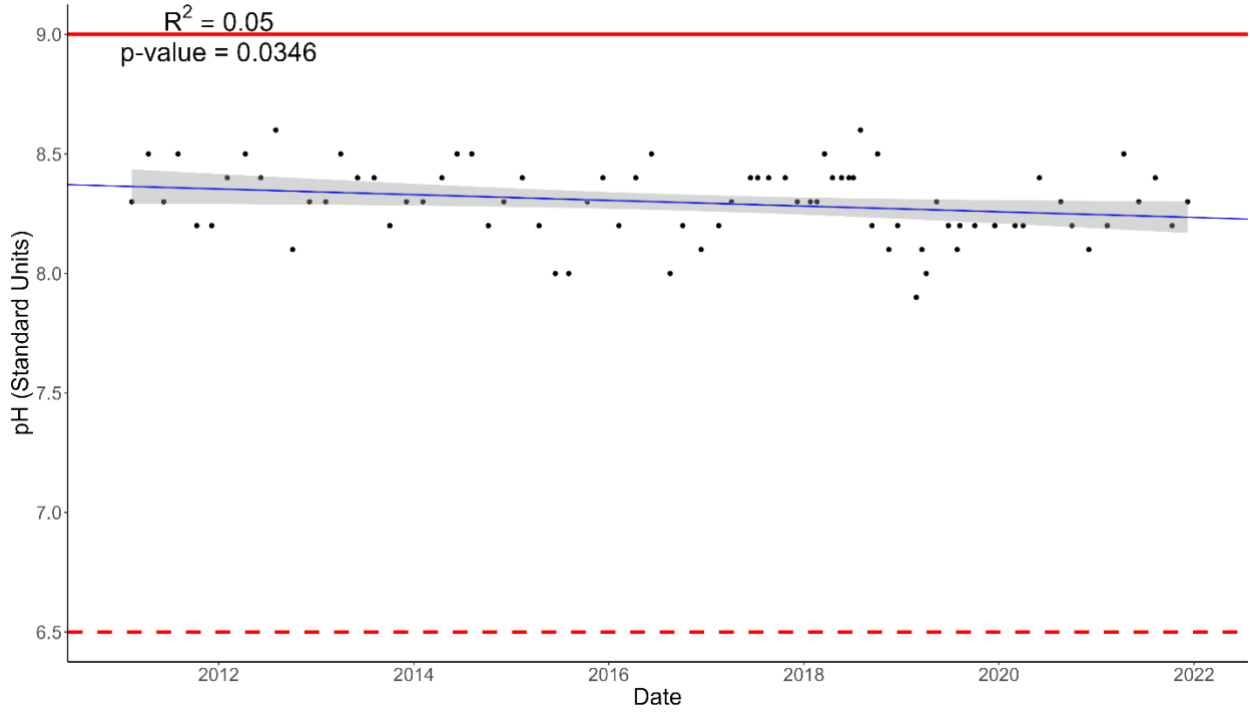
StationID: 12327-BOTTOM



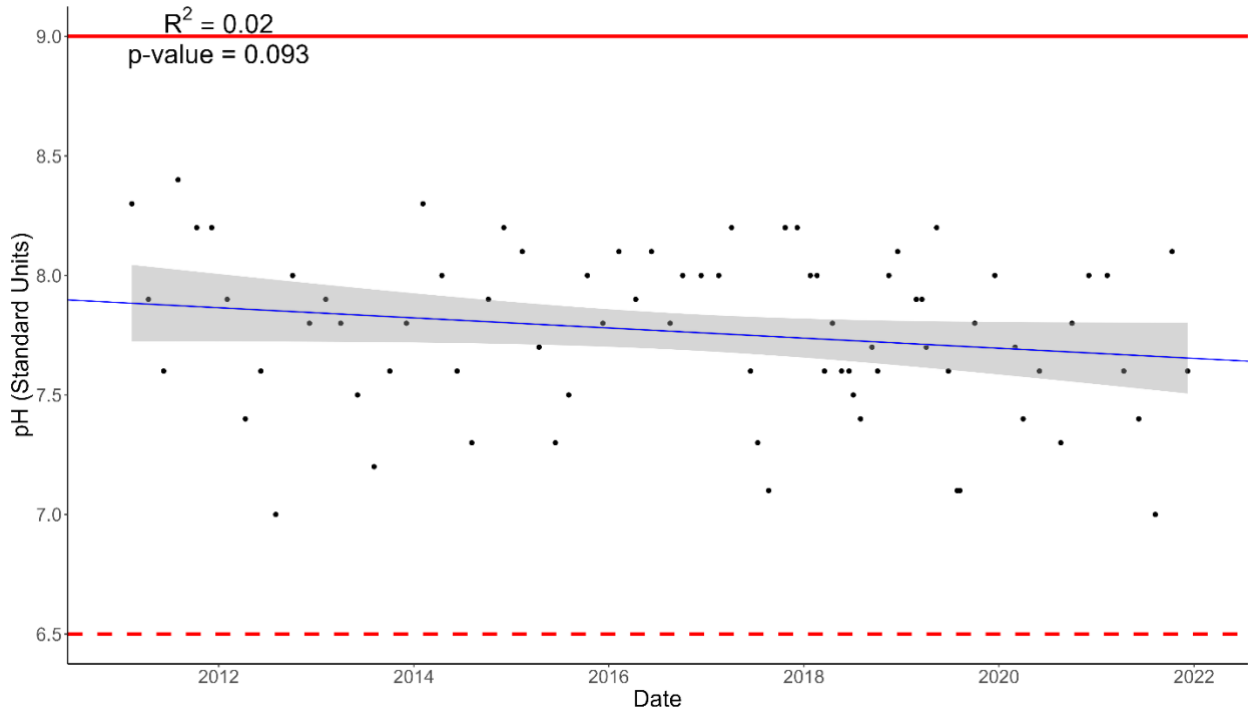
StationID: 12327-SURFACE



StationID: 12327-SURFACE

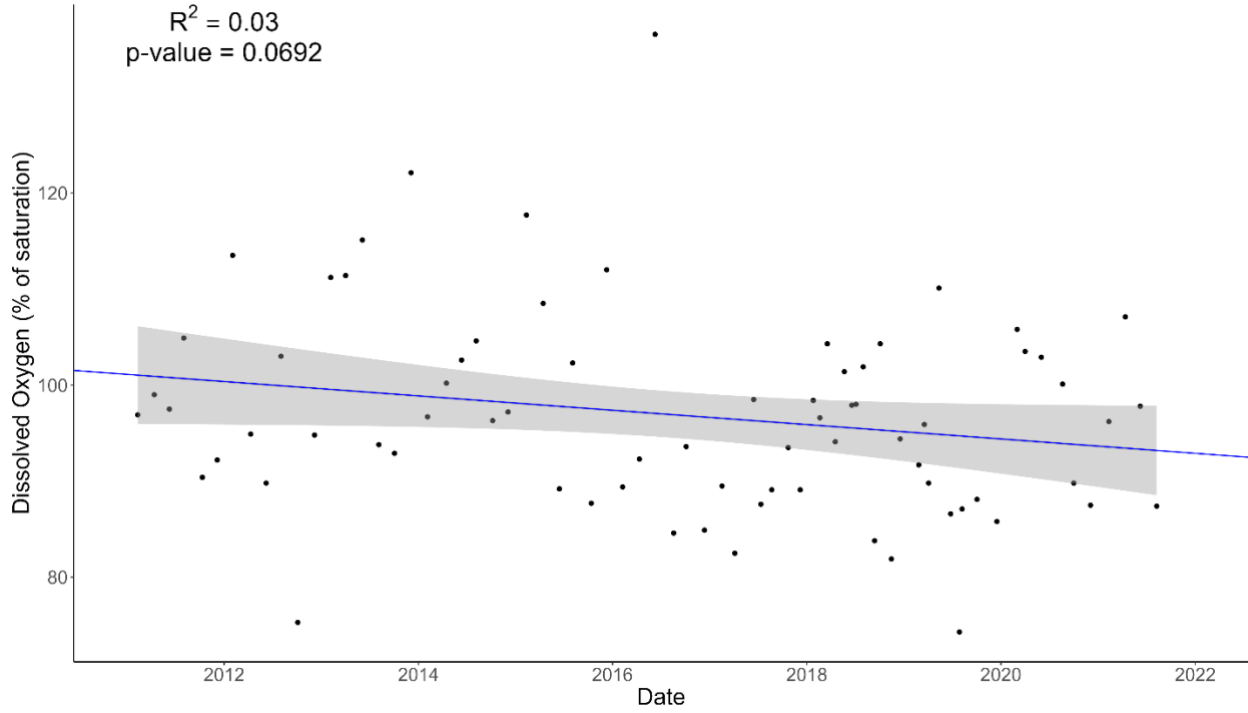


StationID: 12327-BOTTOM



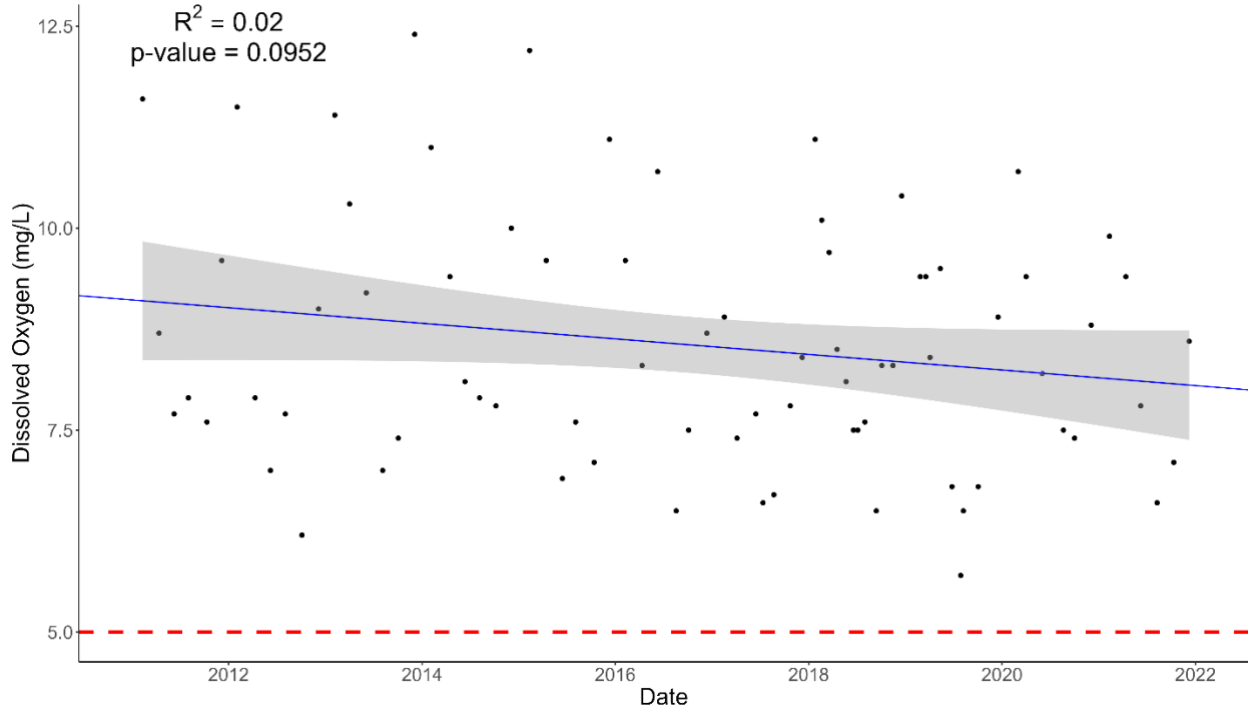
StationID: 12327-SURFACE

$R^2 = 0.03$
p-value = 0.0692

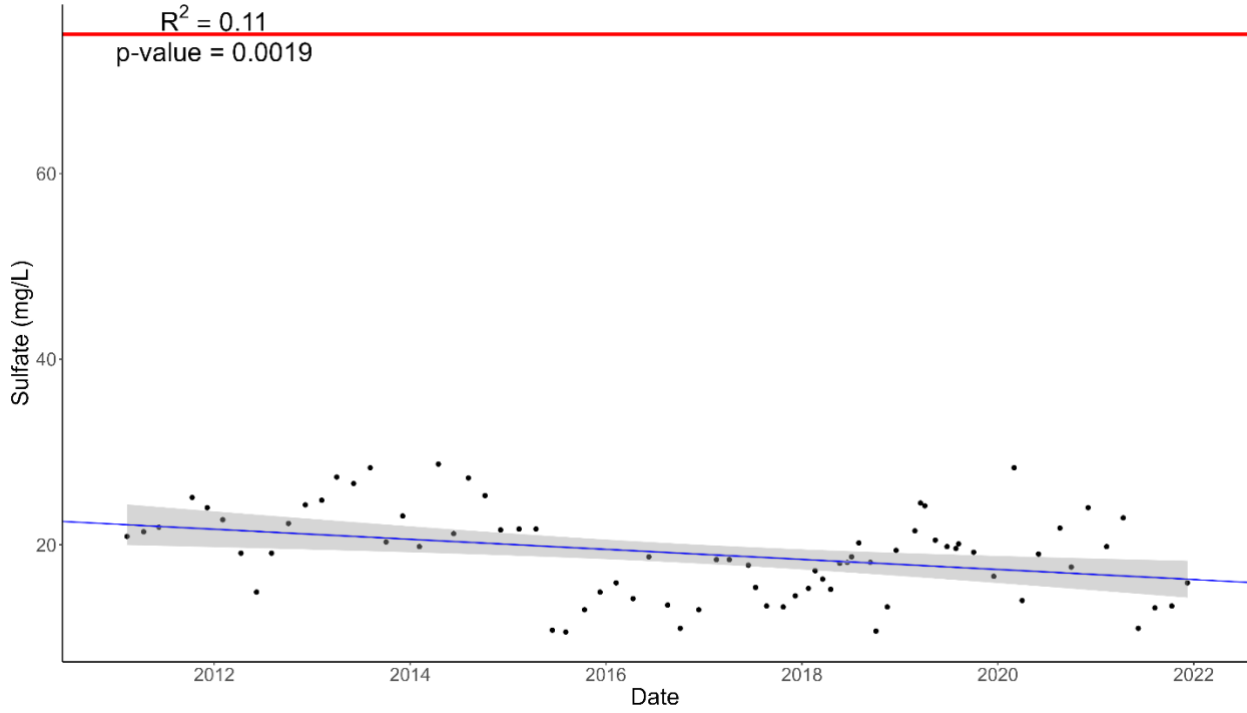


StationID: 12327-SURFACE

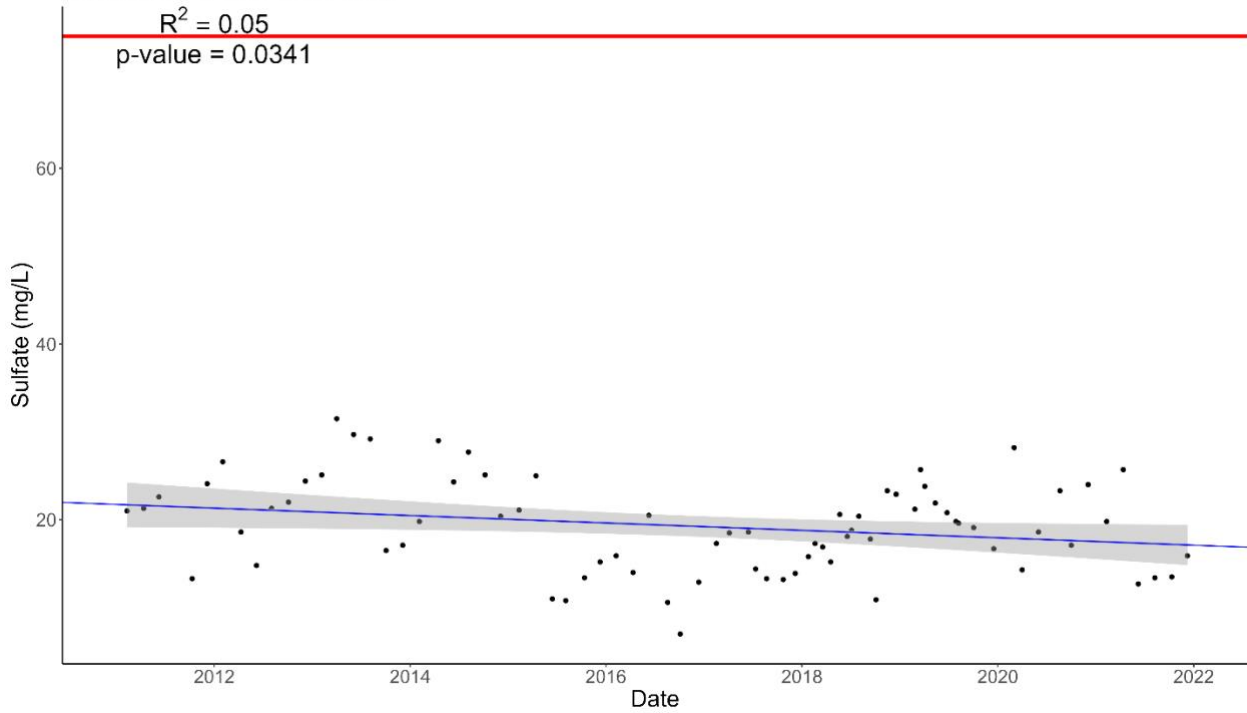
$R^2 = 0.02$
p-value = 0.0952



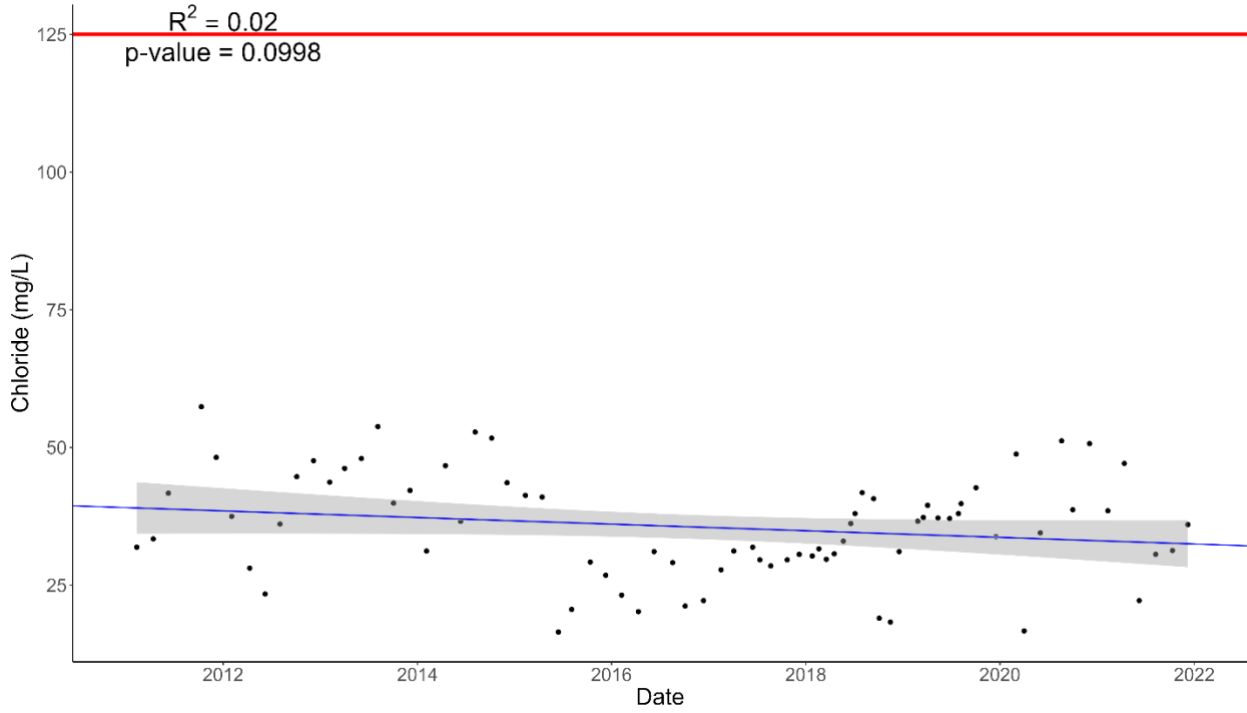
StationID: 12330-SURFACE



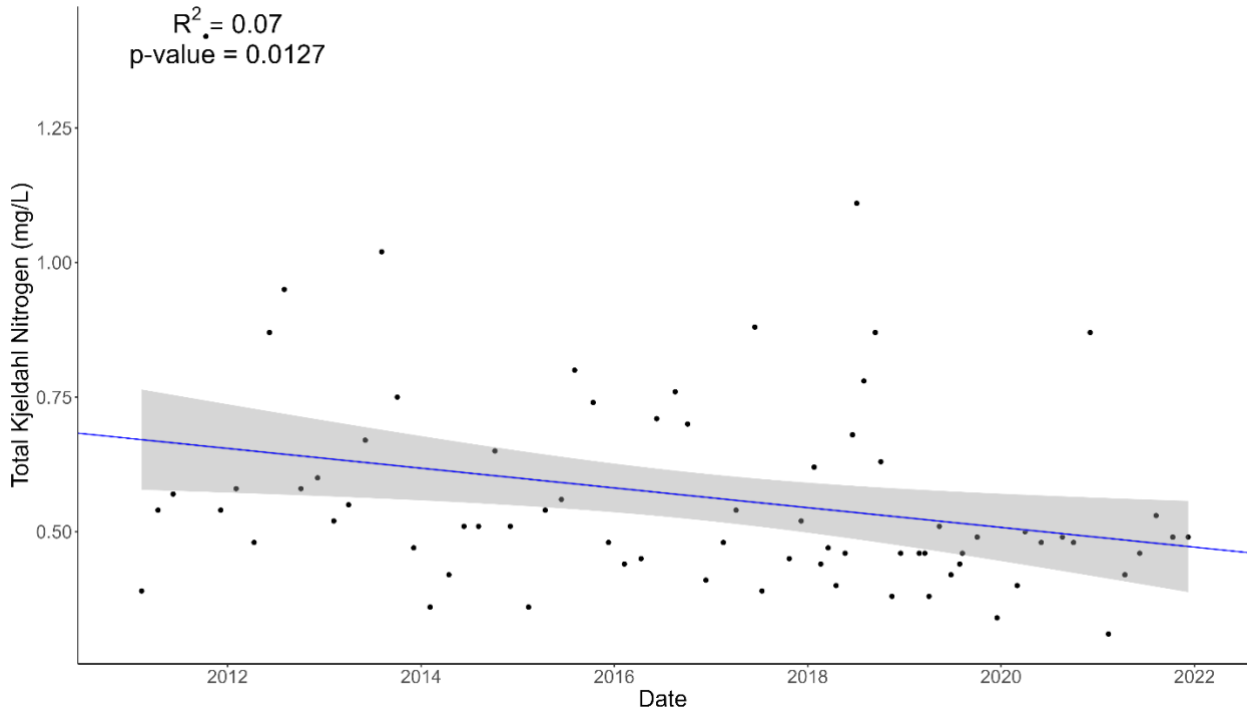
StationID: 12330-BOTTOM



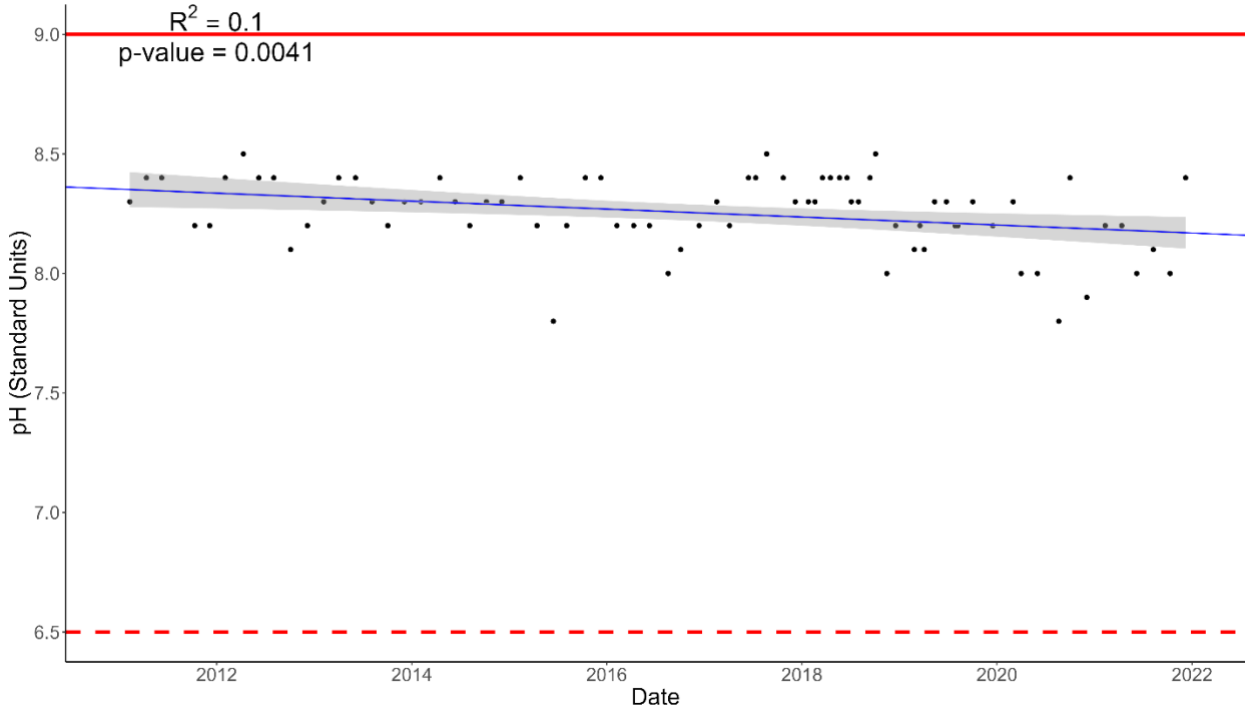
StationID: 12330-SURFACE



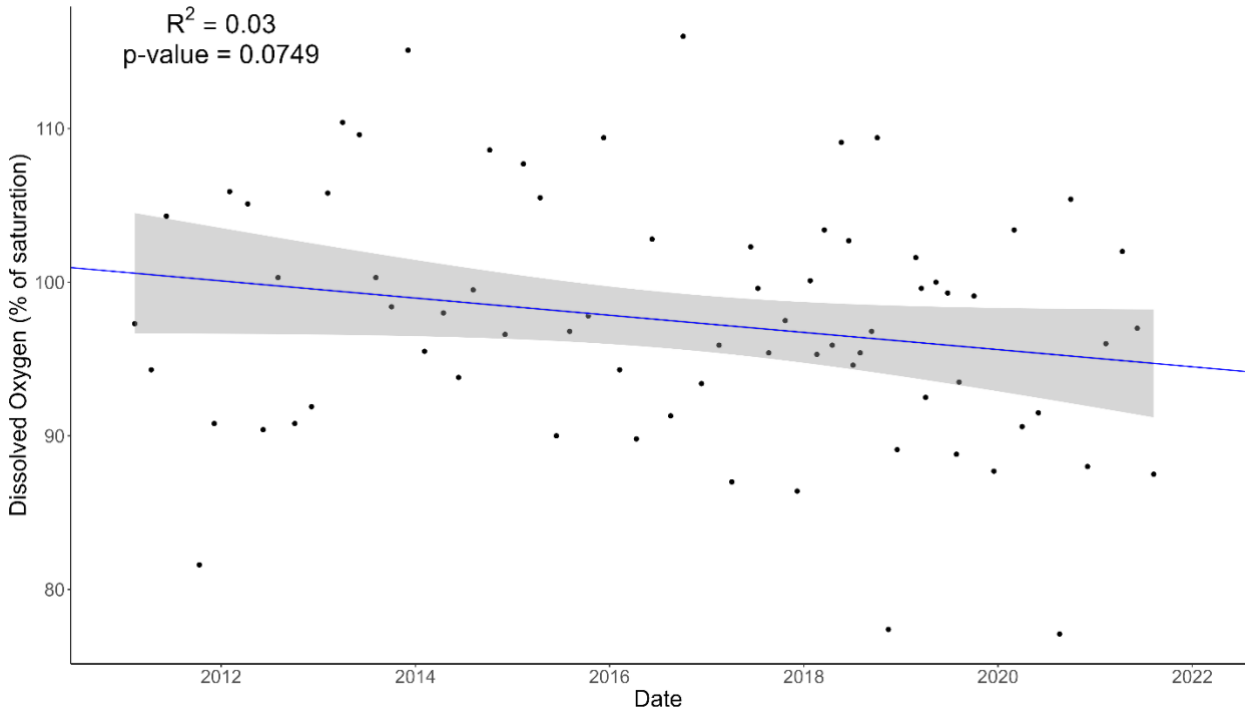
StationID: 12330-BOTTOM



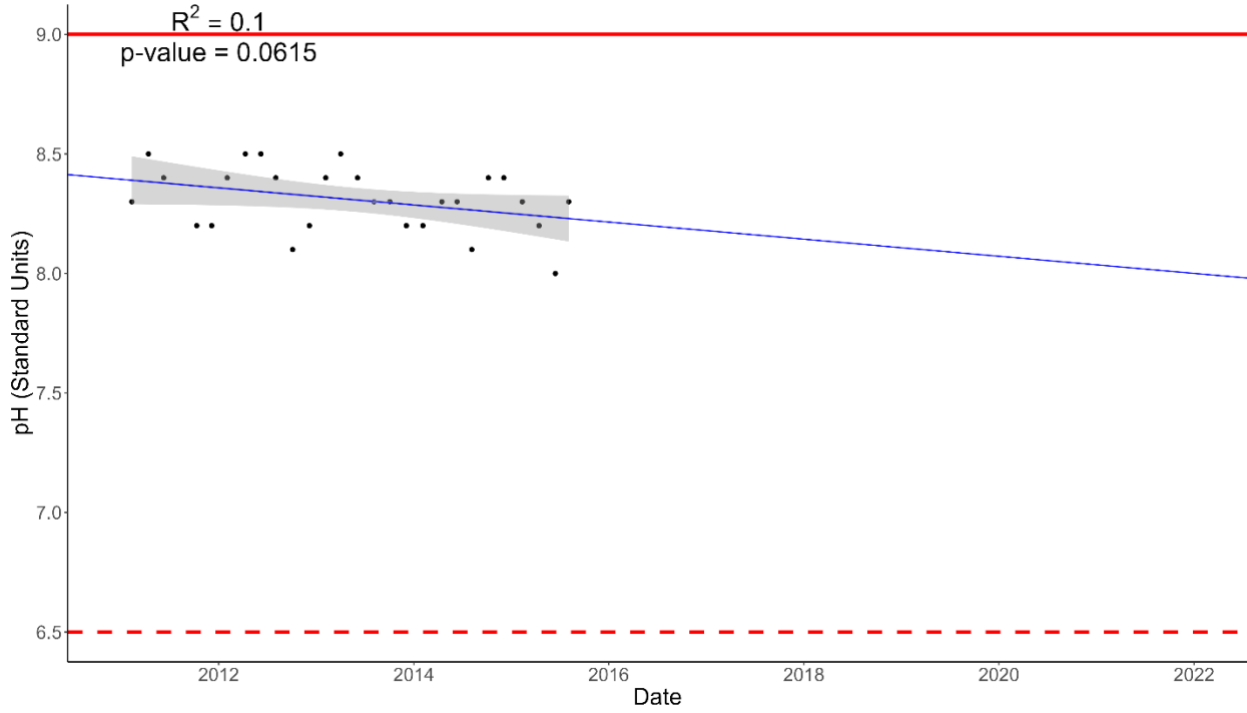
StationID: 12330-SURFACE



StationID: 12330-SURFACE

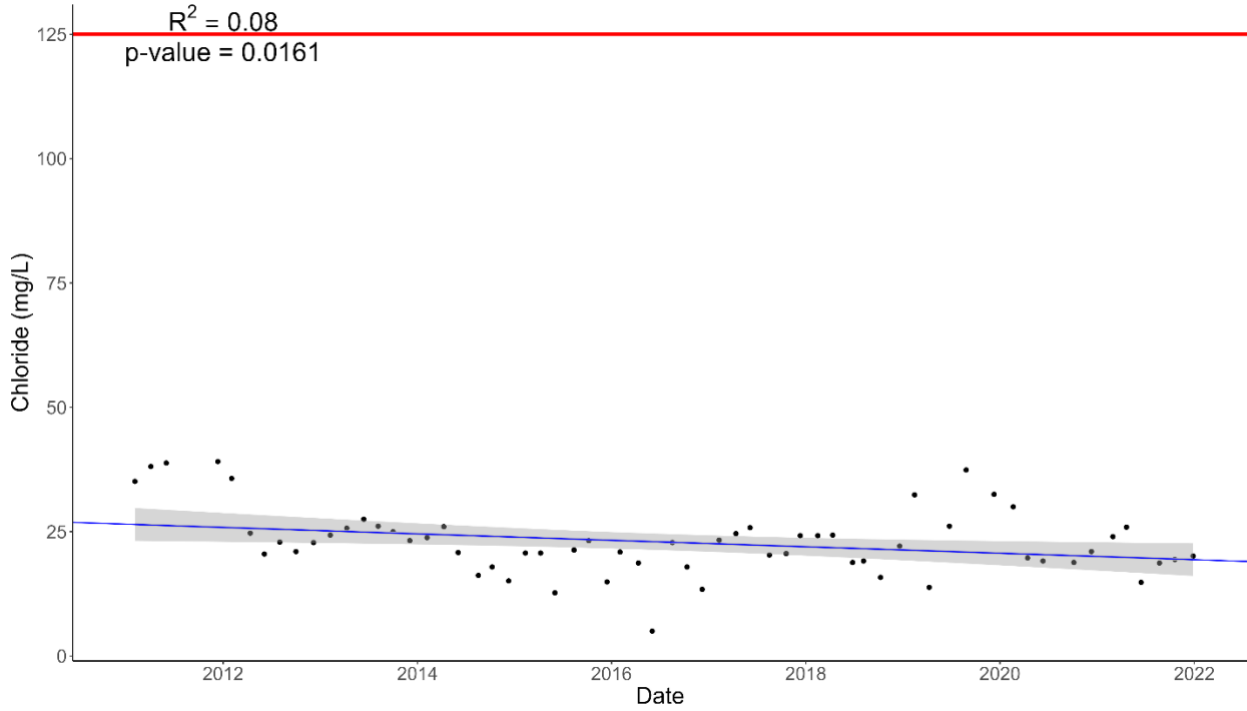


StationID: 12333-SURFACE

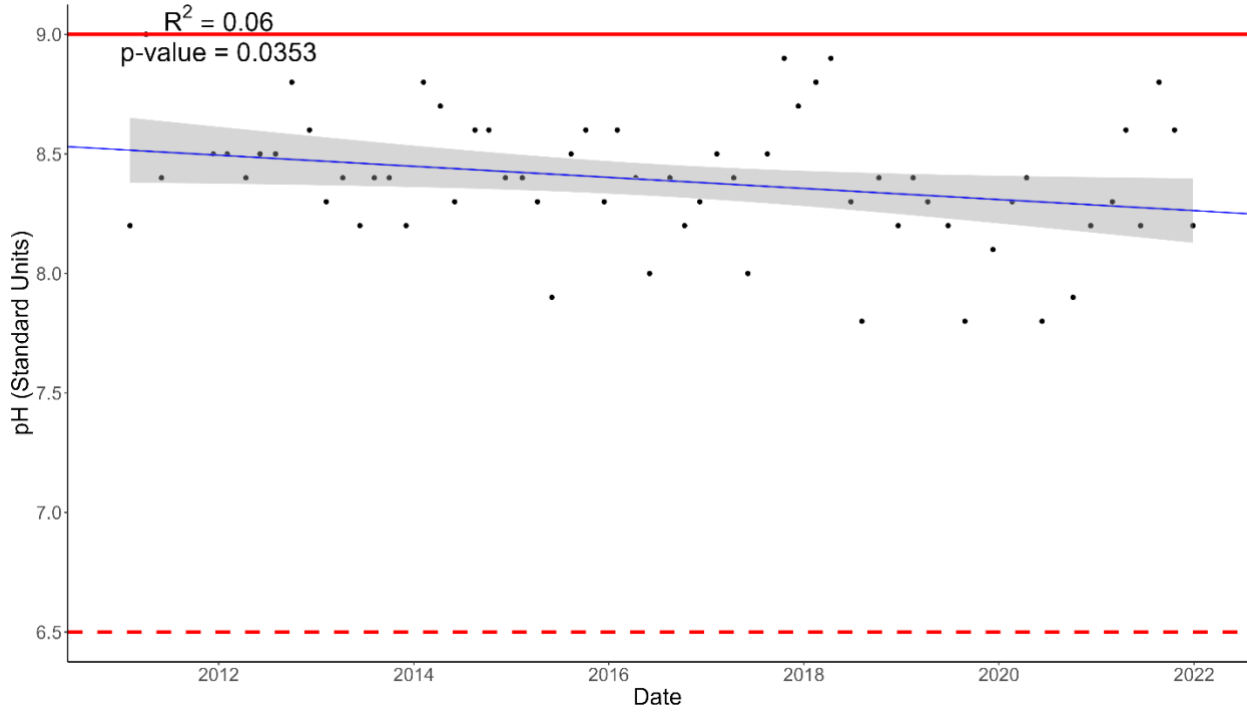


1406A – Sandy Creek

StationID: 12214-SURFACE

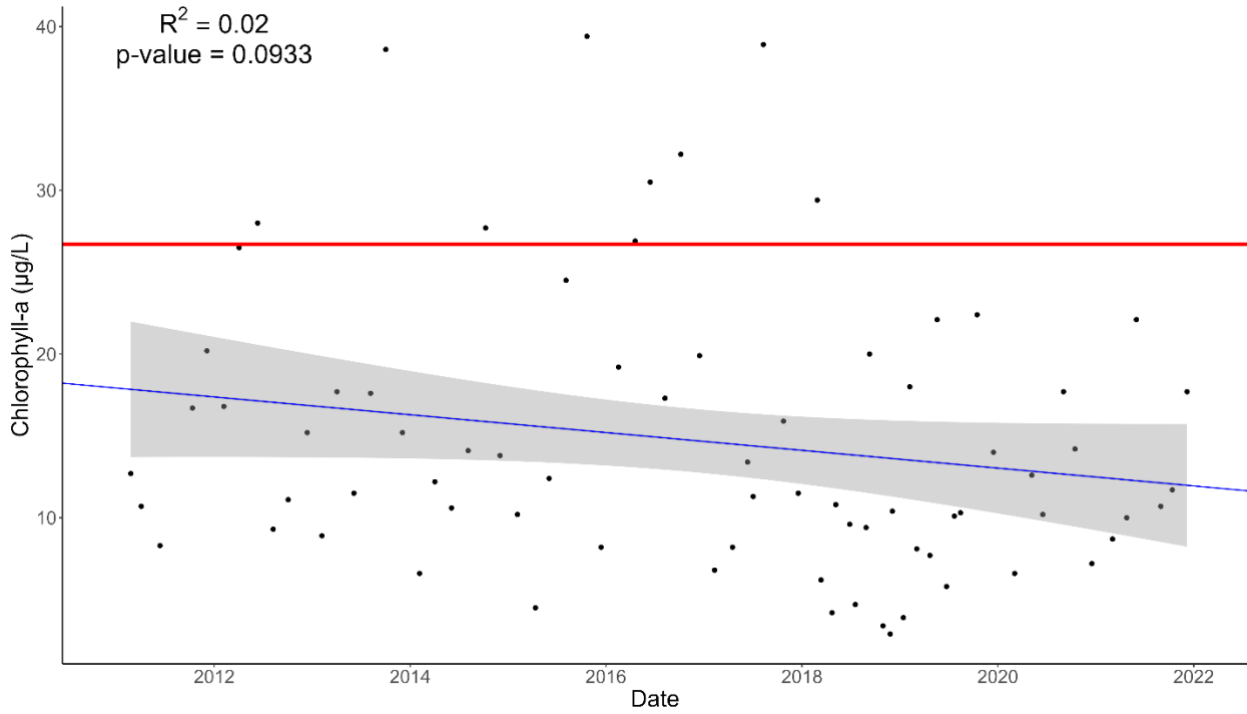


StationID: 12214-SURFACE

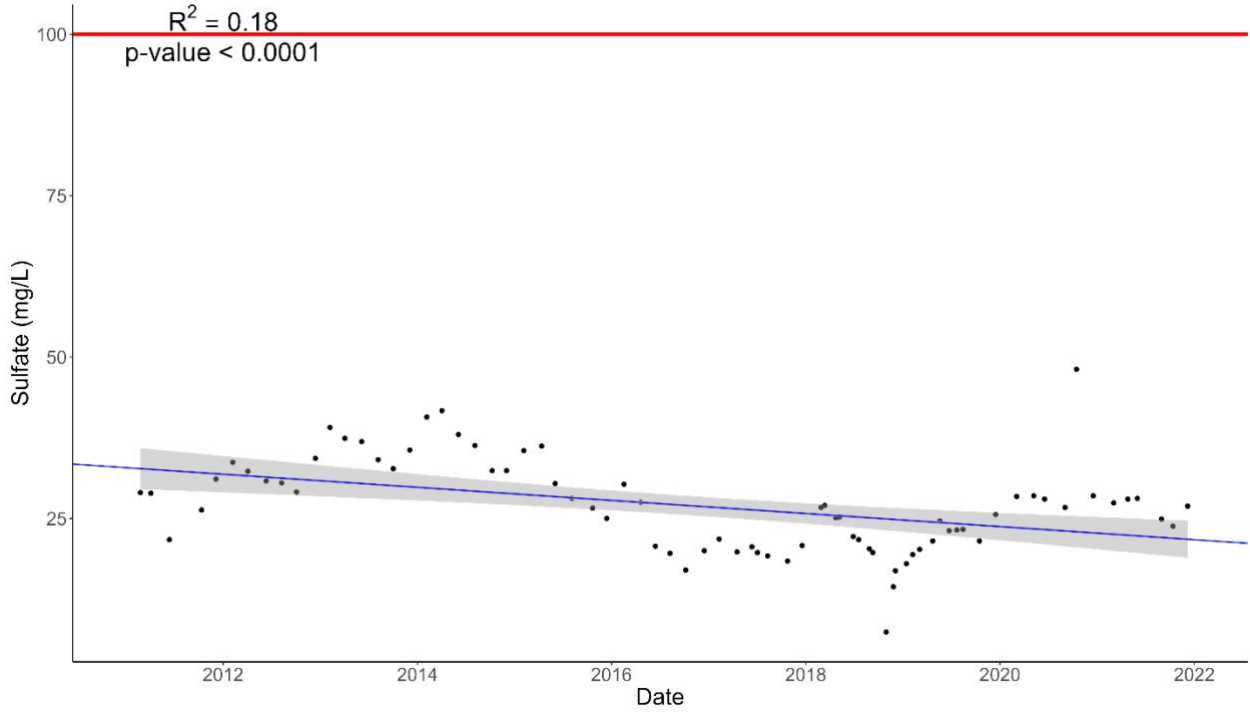


1407 – Inks Lake

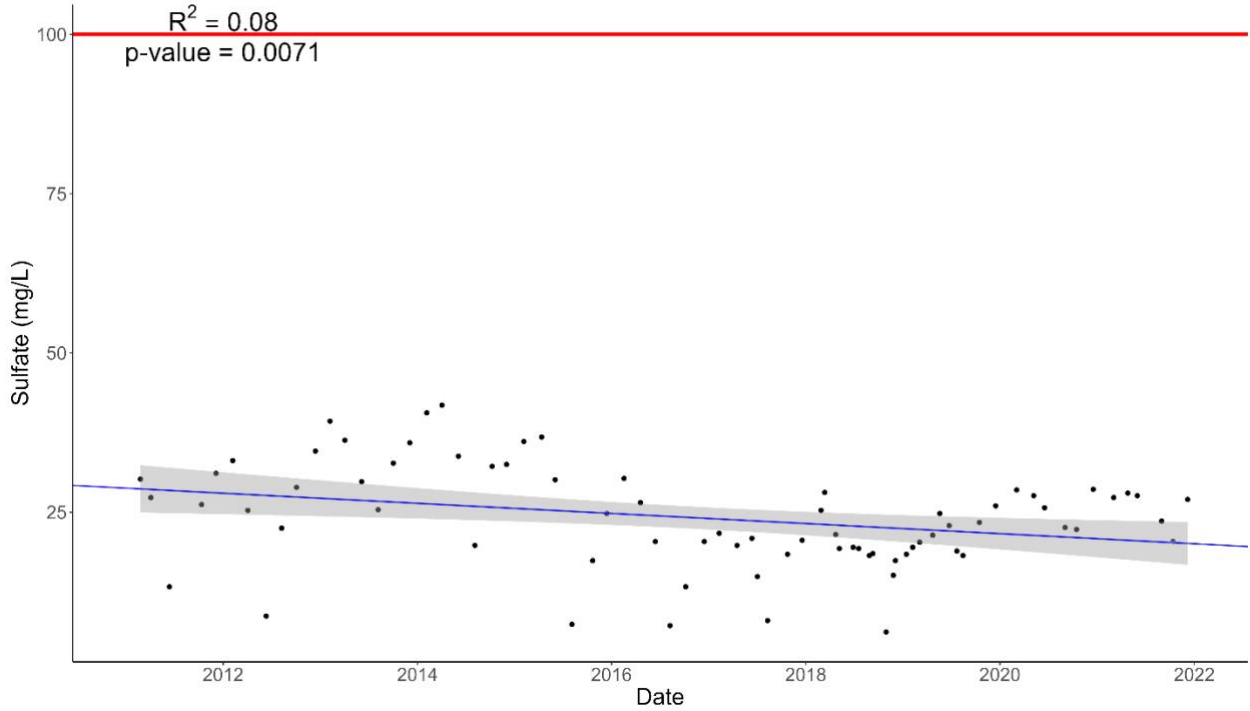
StationID: 12336-SURFACE



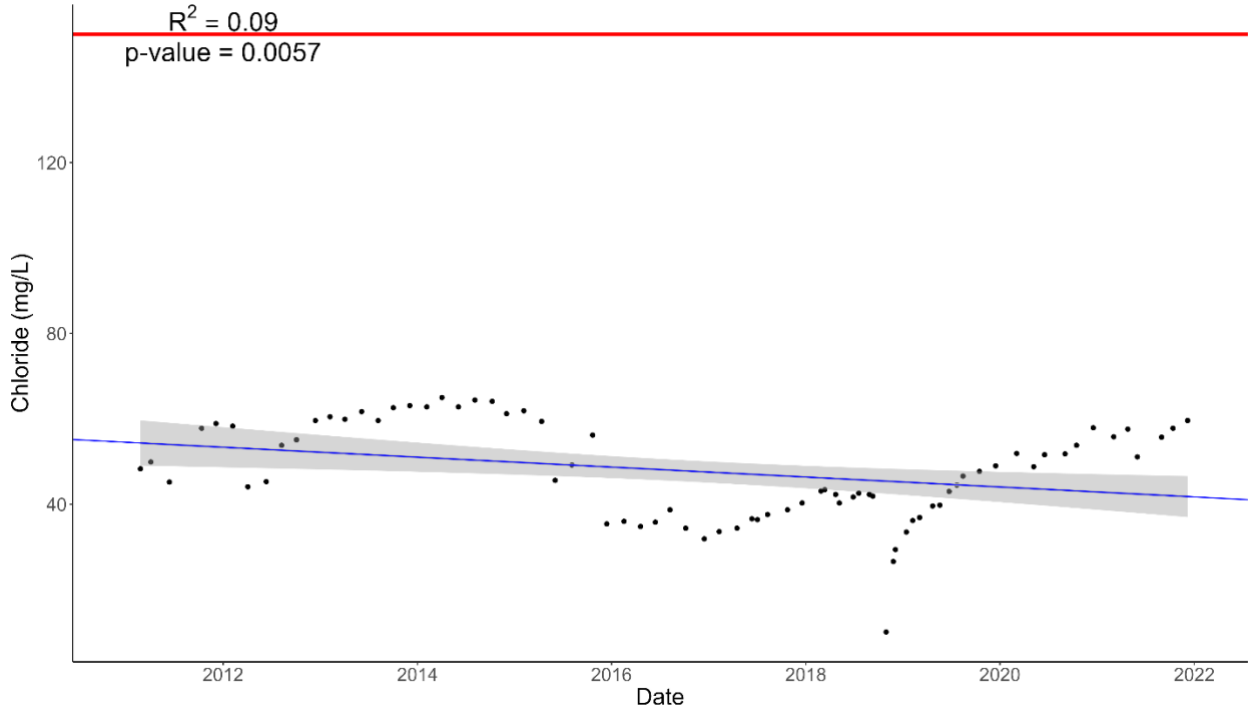
StationID: 12336-SURFACE



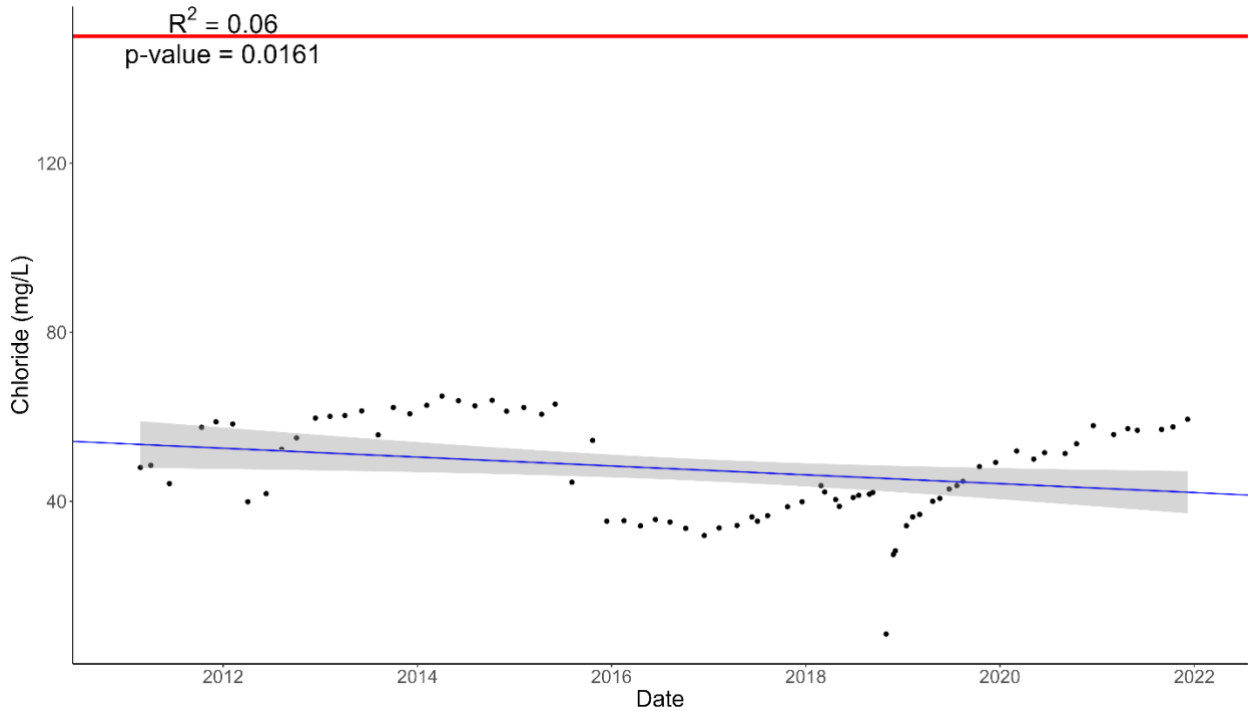
StationID: 12336-BOTTOM



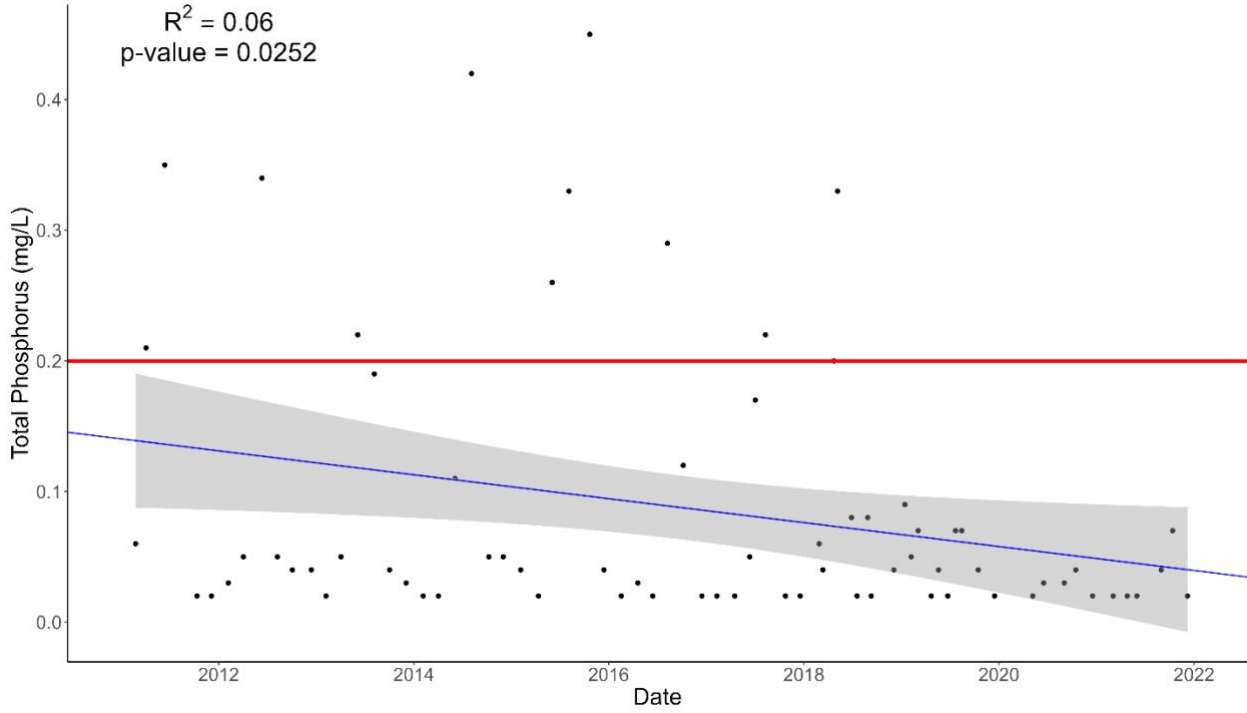
StationID: 12336-SURFACE



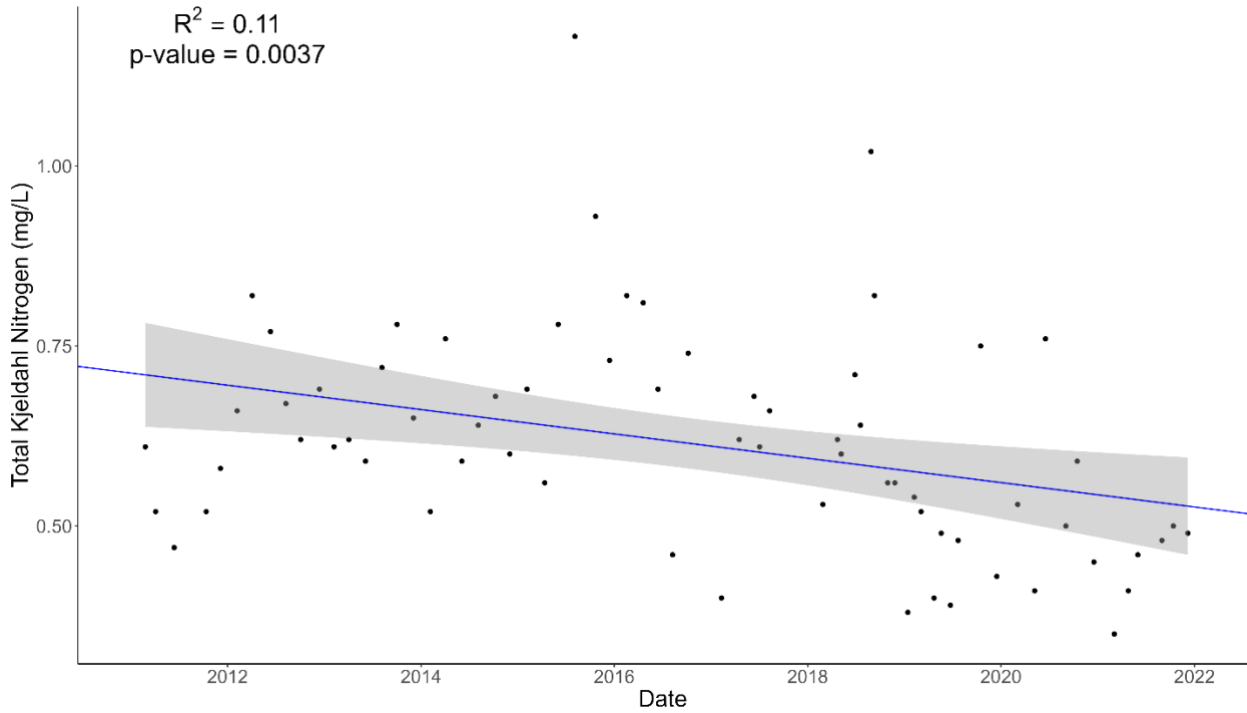
StationID: 12336-BOTTOM



StationID: 12336-BOTTOM

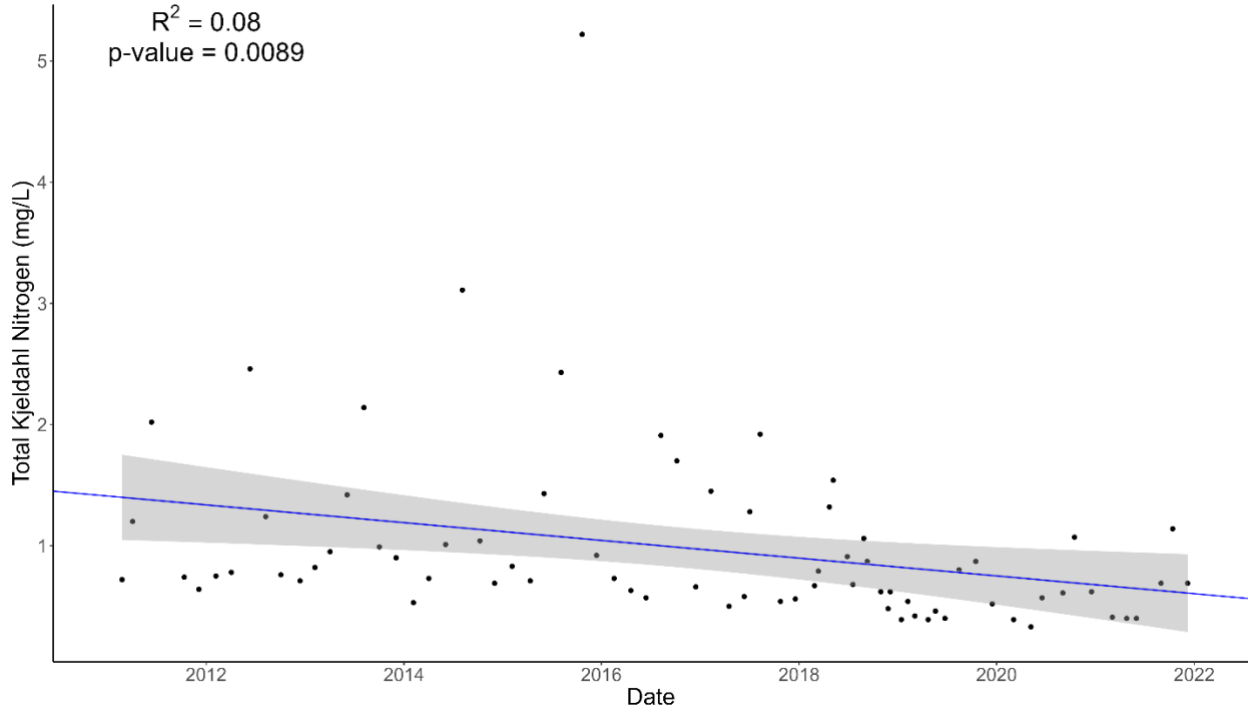


StationID: 12336-SURFACE



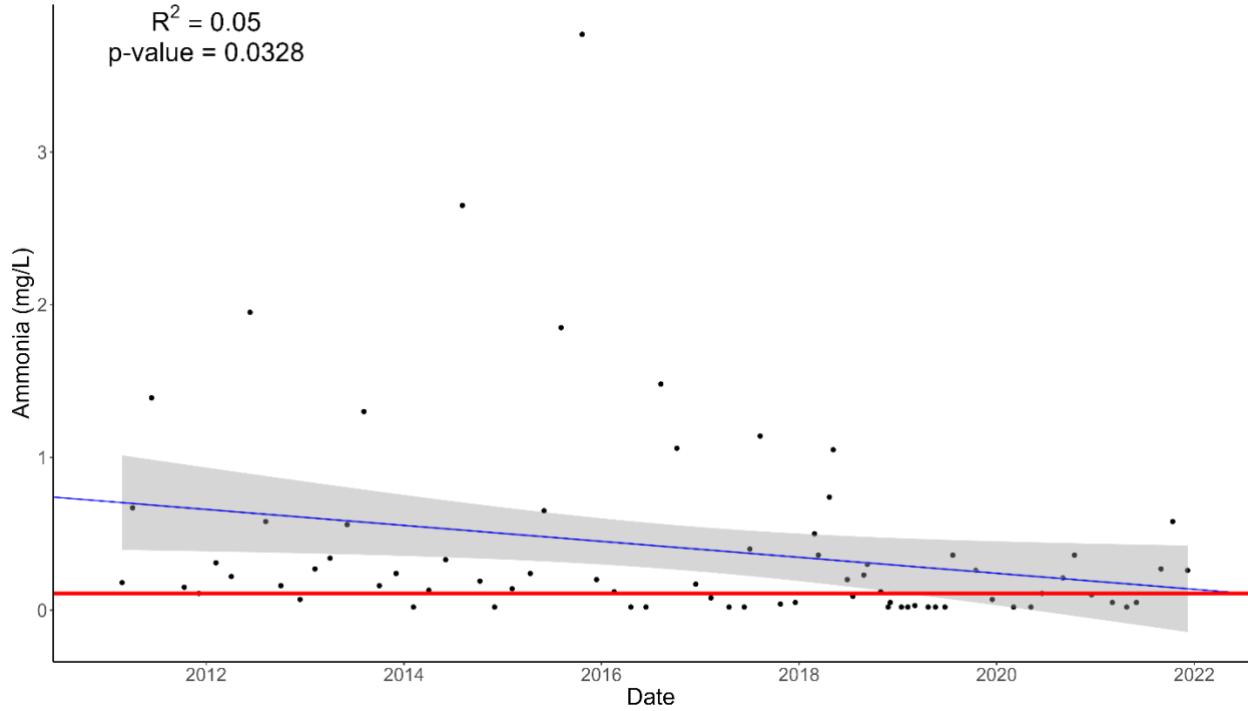
StationID: 12336-BOTTOM

$R^2 = 0.08$
p-value = 0.0089



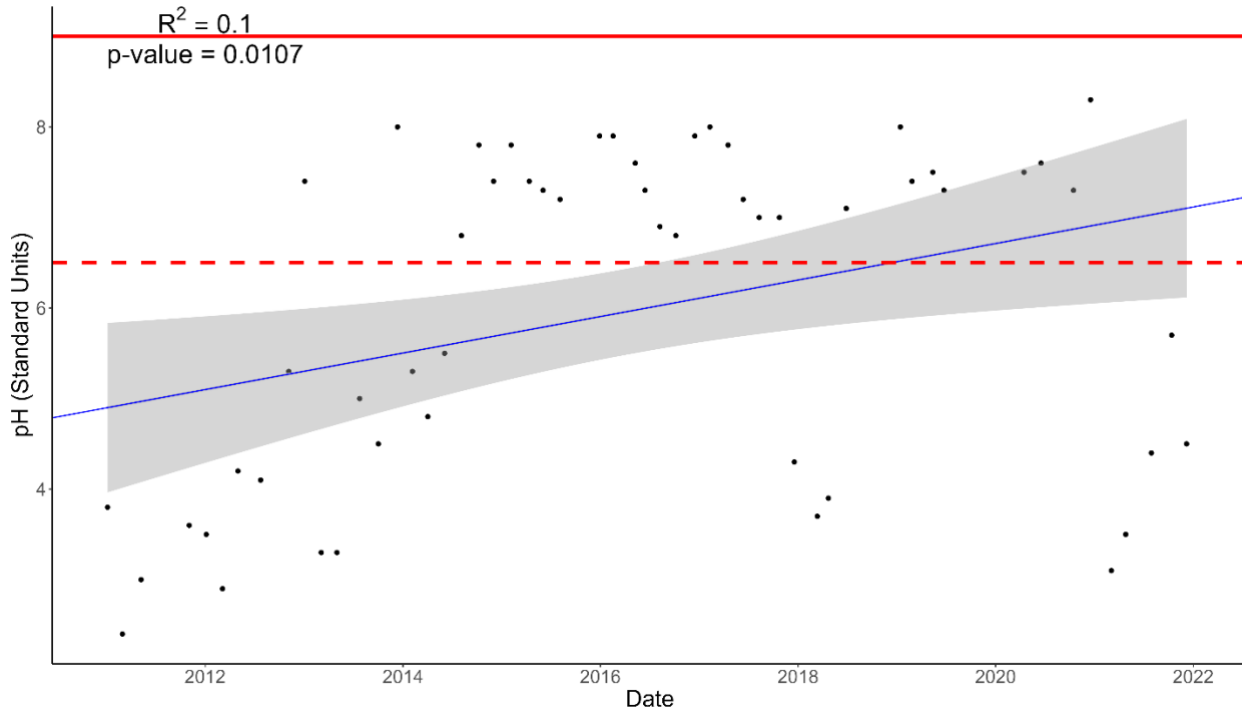
StationID: 12336-BOTTOM

$R^2 = 0.05$
p-value = 0.0328

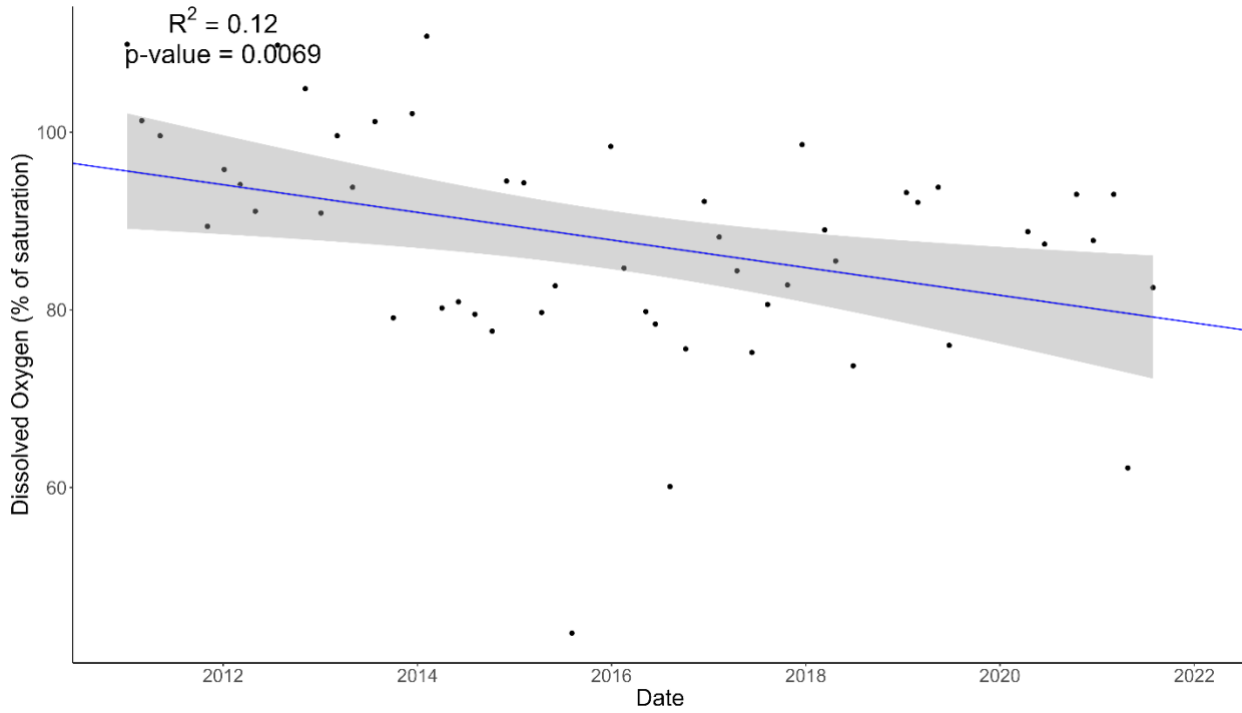


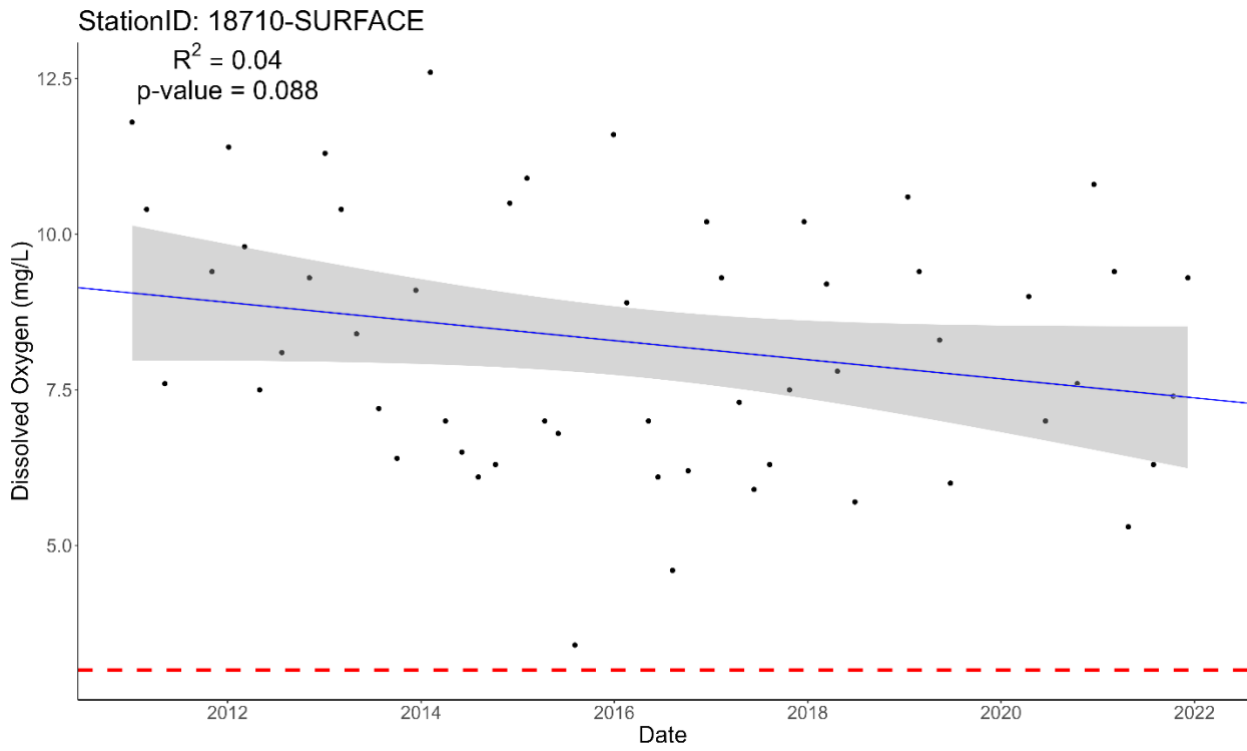
1407A – Clear Creek

StationID: 18710-SURFACE

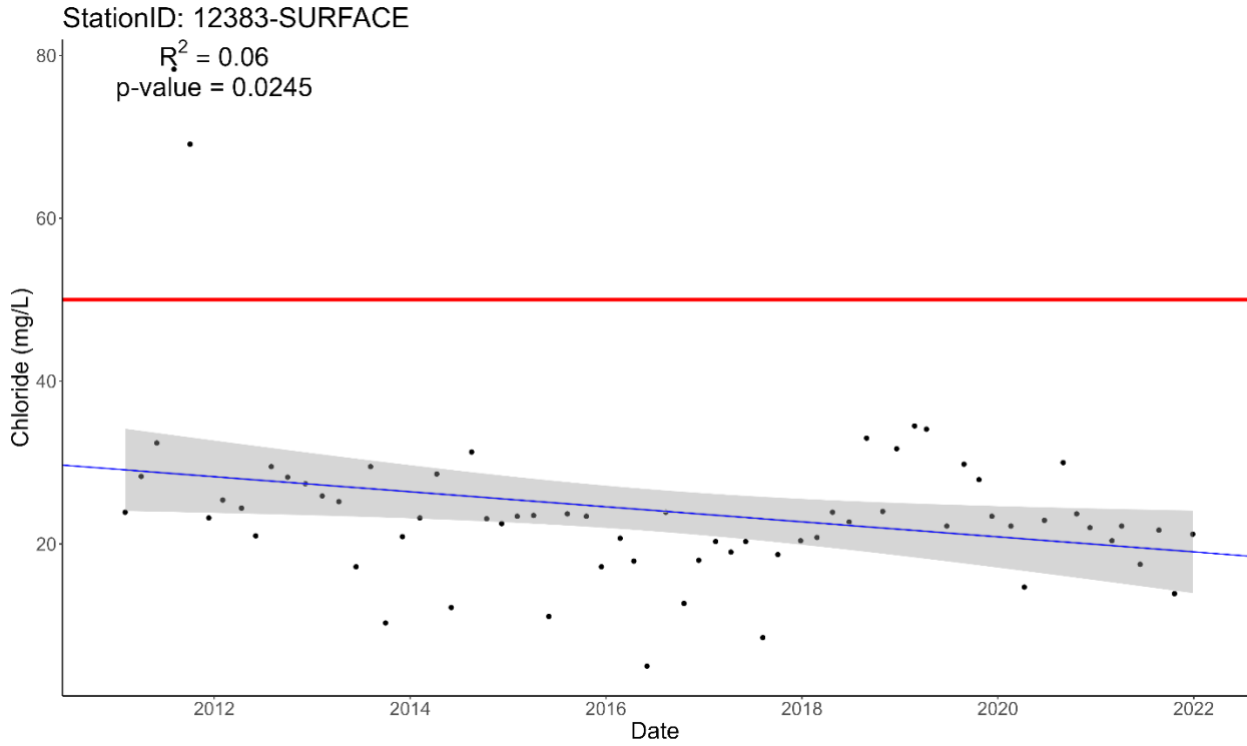


StationID: 18710-SURFACE



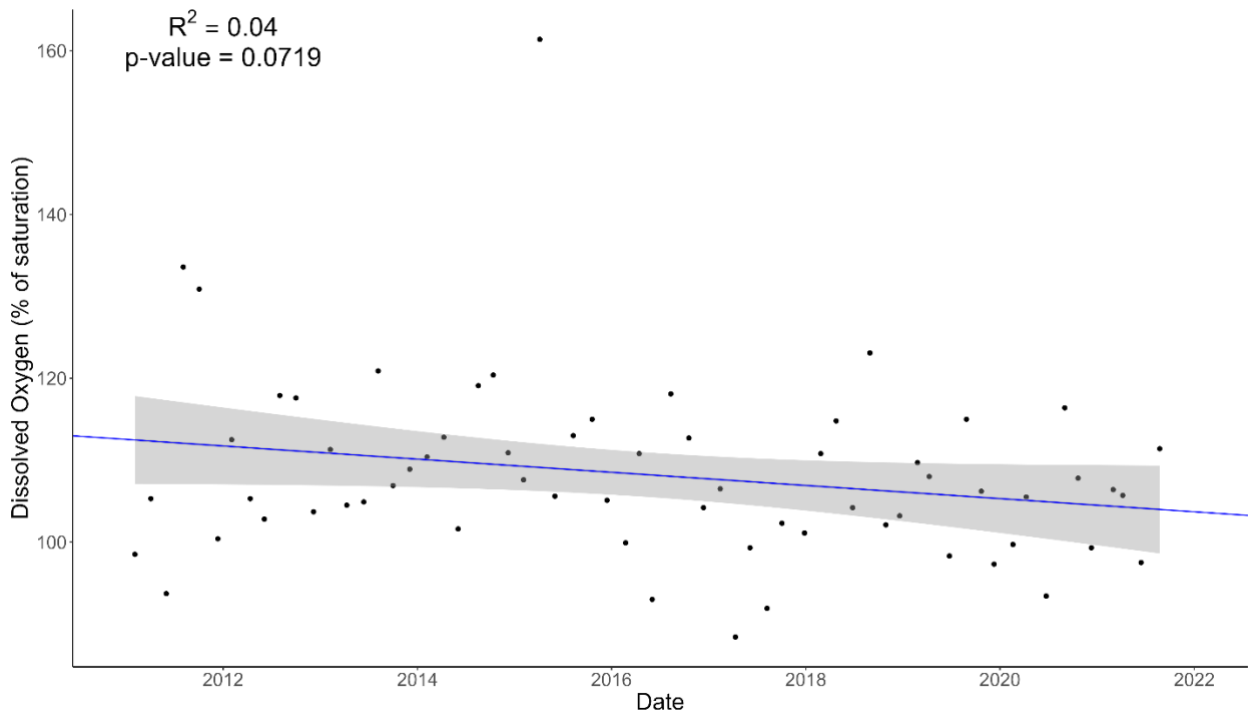


1415 – Llano River



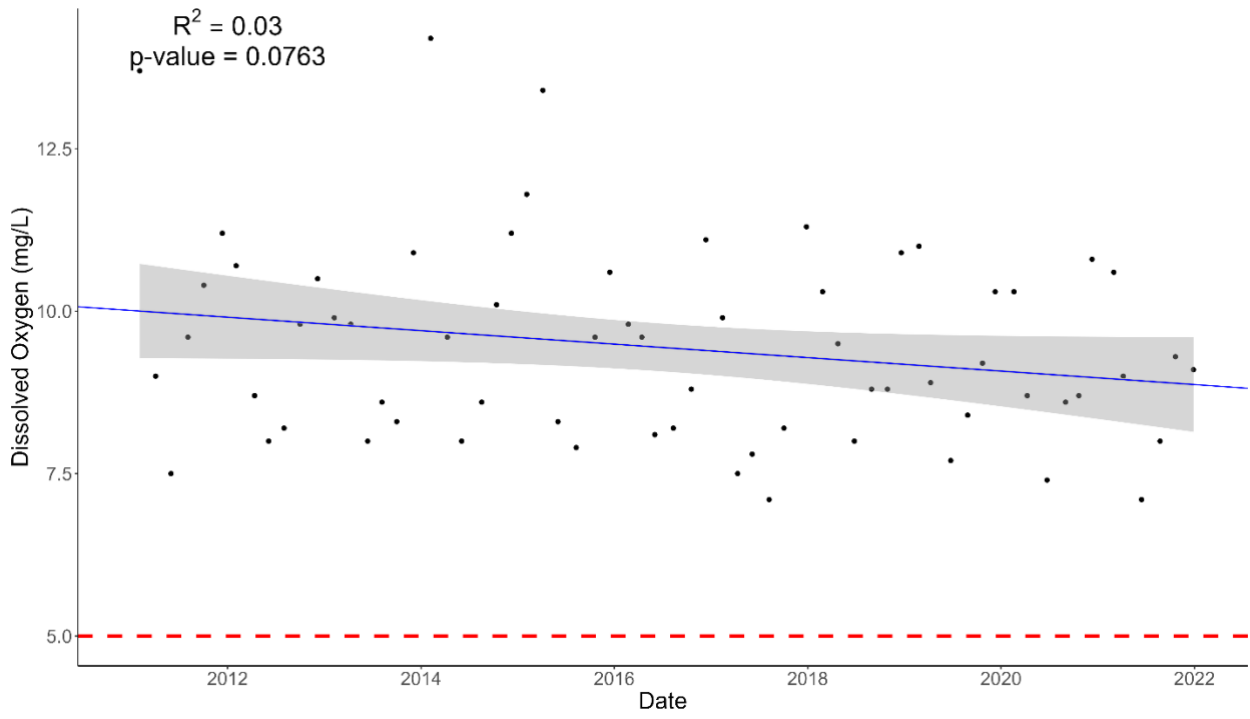
StationID: 12383-SURFACE

$R^2 = 0.04$
 $p\text{-value} = 0.0719$

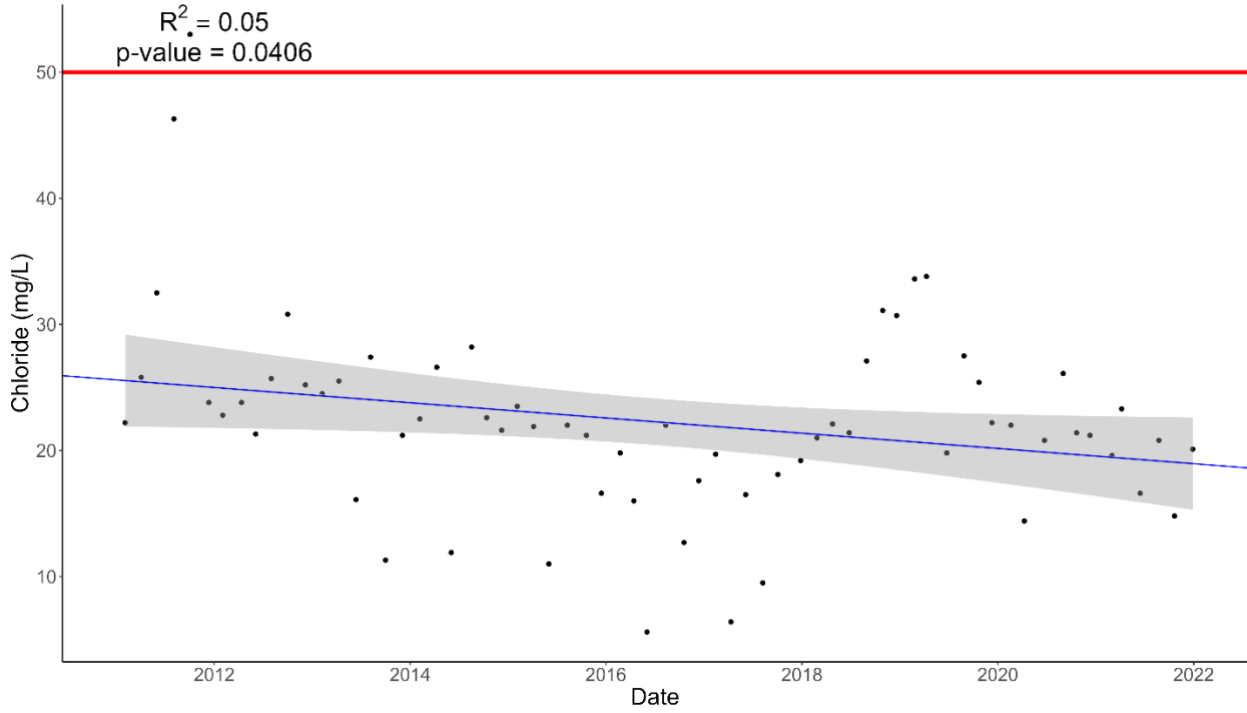


StationID: 12383-SURFACE

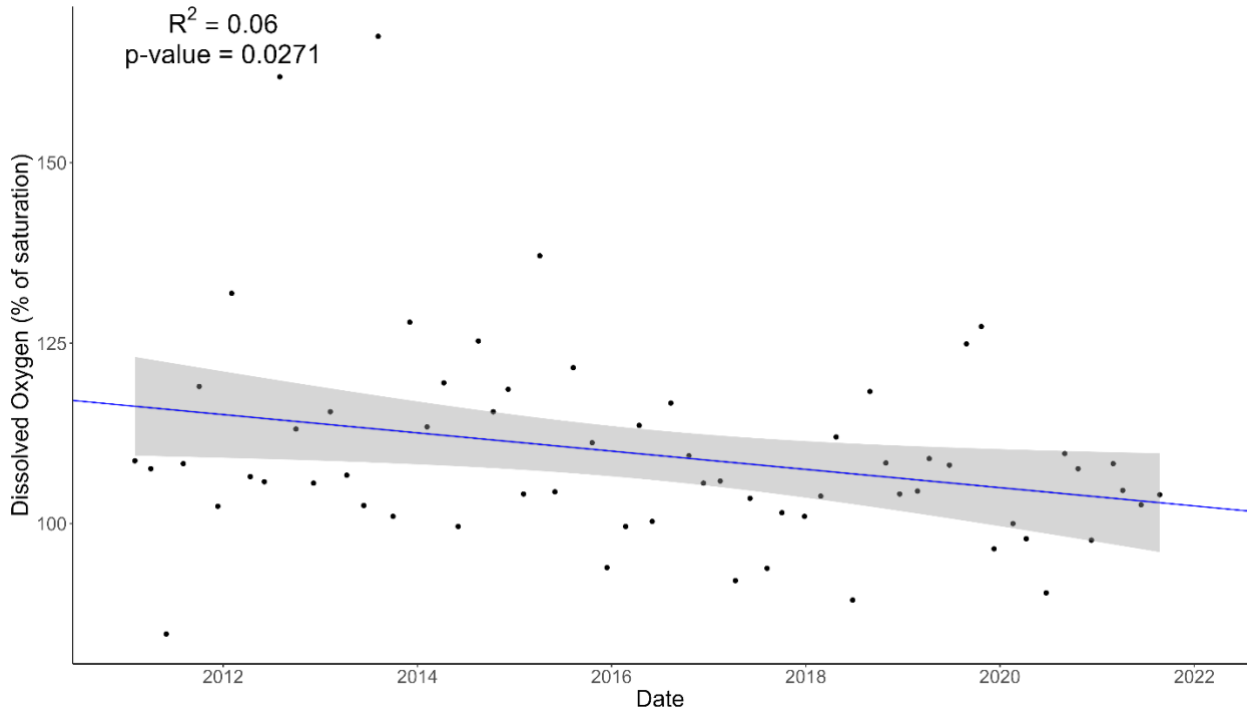
$R^2 = 0.03$
 $p\text{-value} = 0.0763$



StationID: 12386-SURFACE

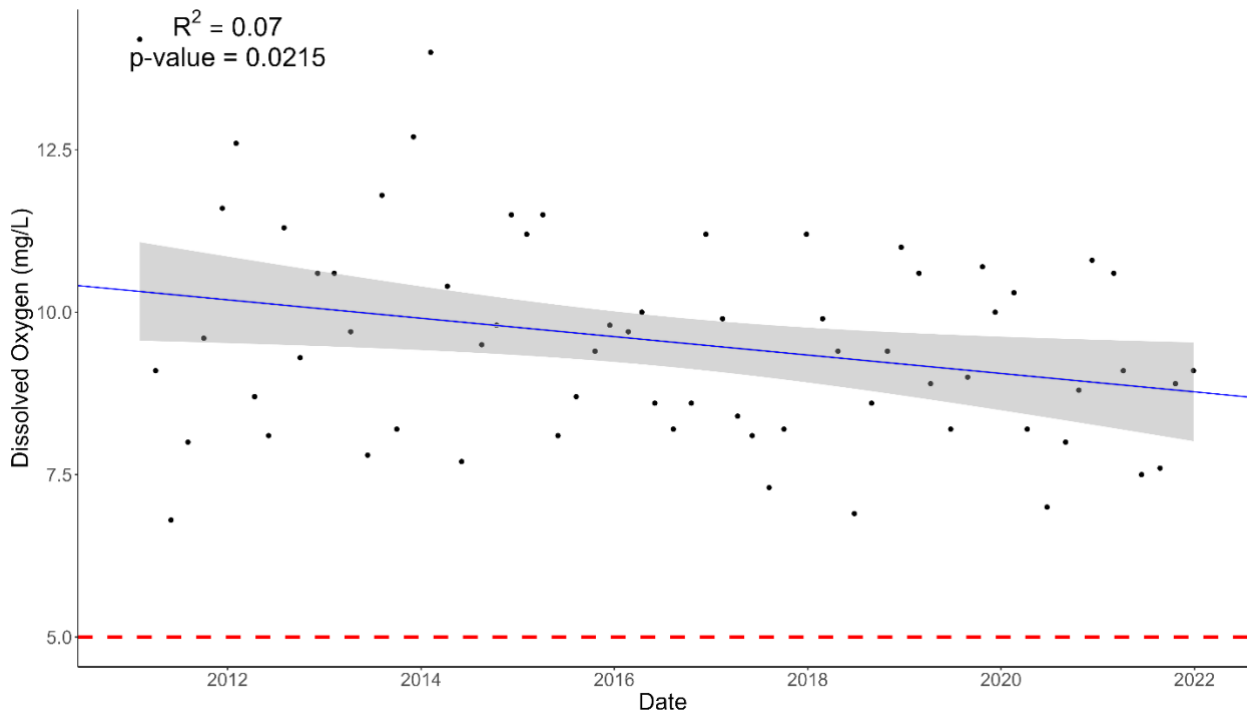


StationID: 12386-SURFACE



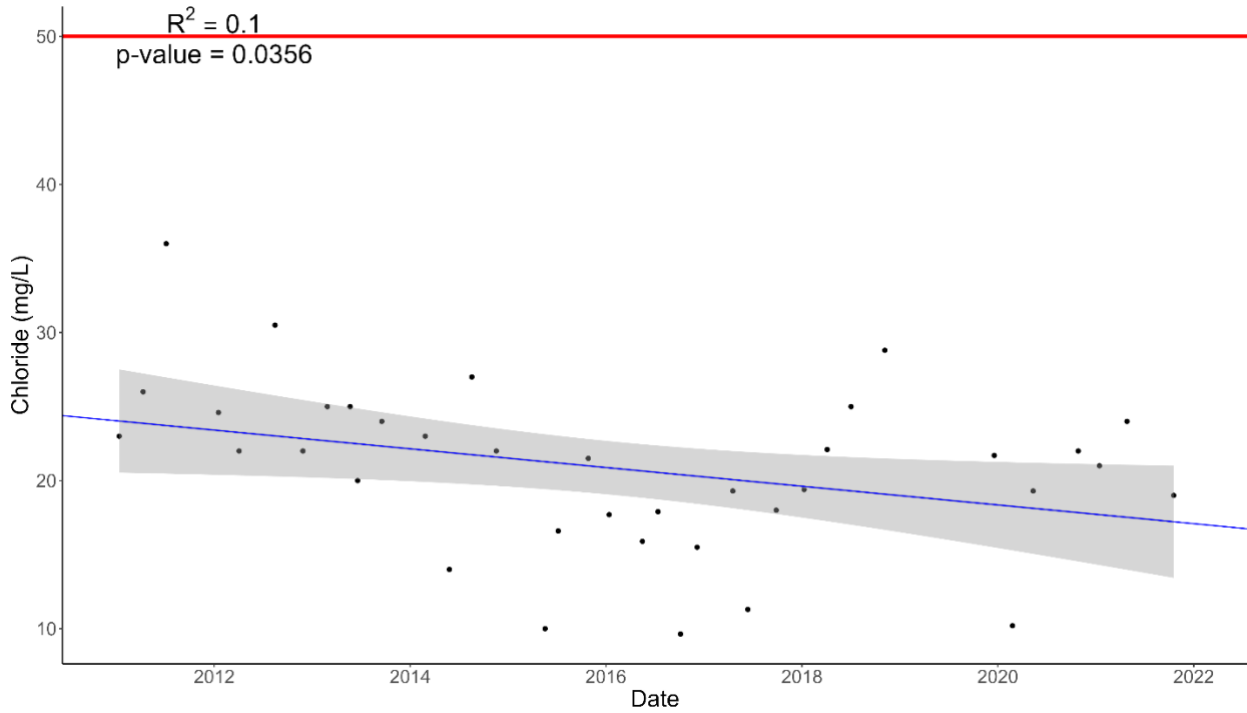
StationID: 12386-SURFACE

$R^2 = 0.07$
p-value = 0.0215



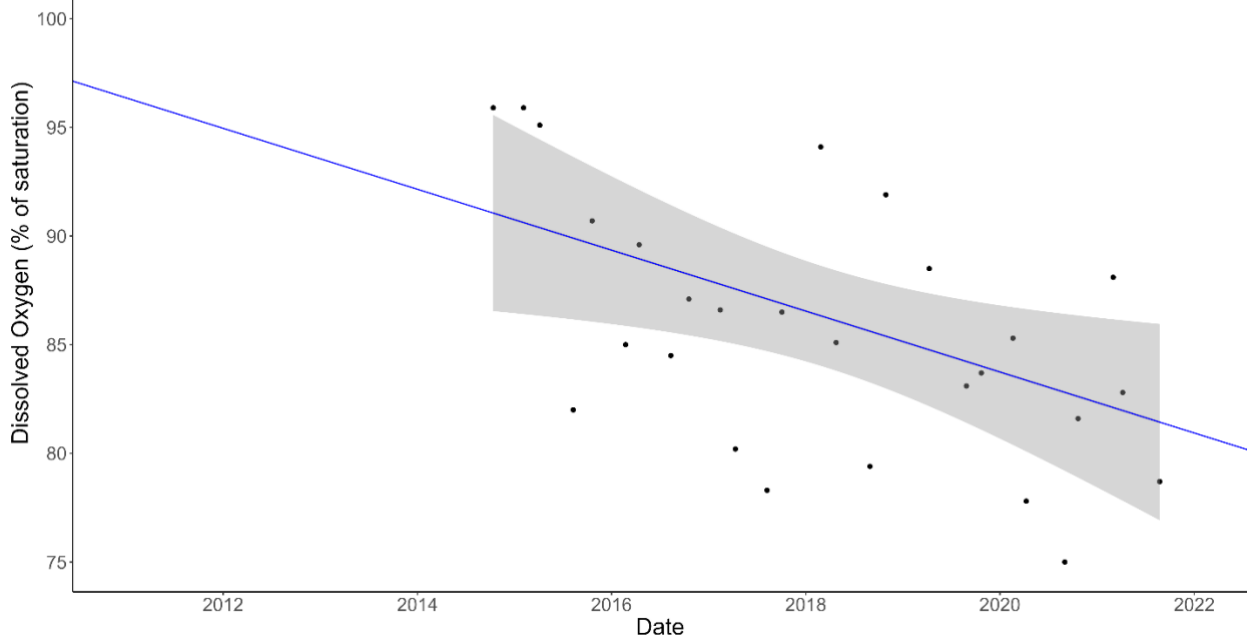
StationID: 12388-SURFACE

$R^2 = 0.1$
p-value = 0.0356



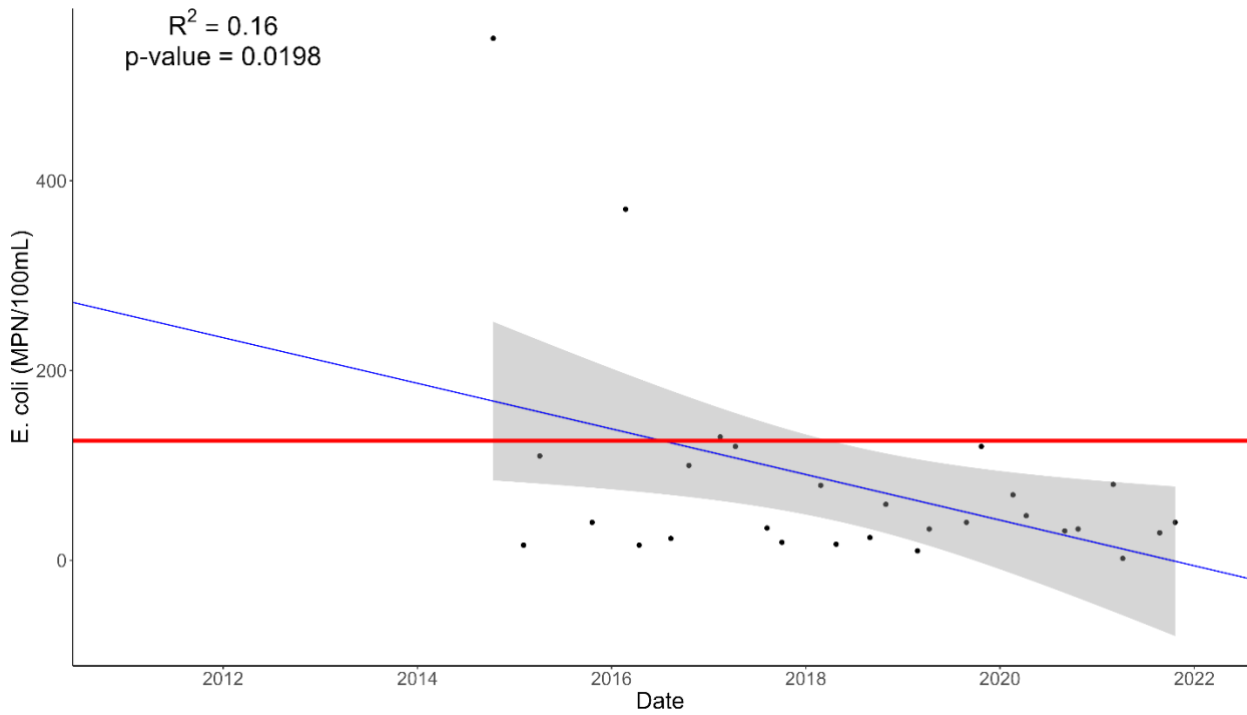
StationID: 14231-SURFACE

$R^2 = 0.17$
p-value = 0.0171

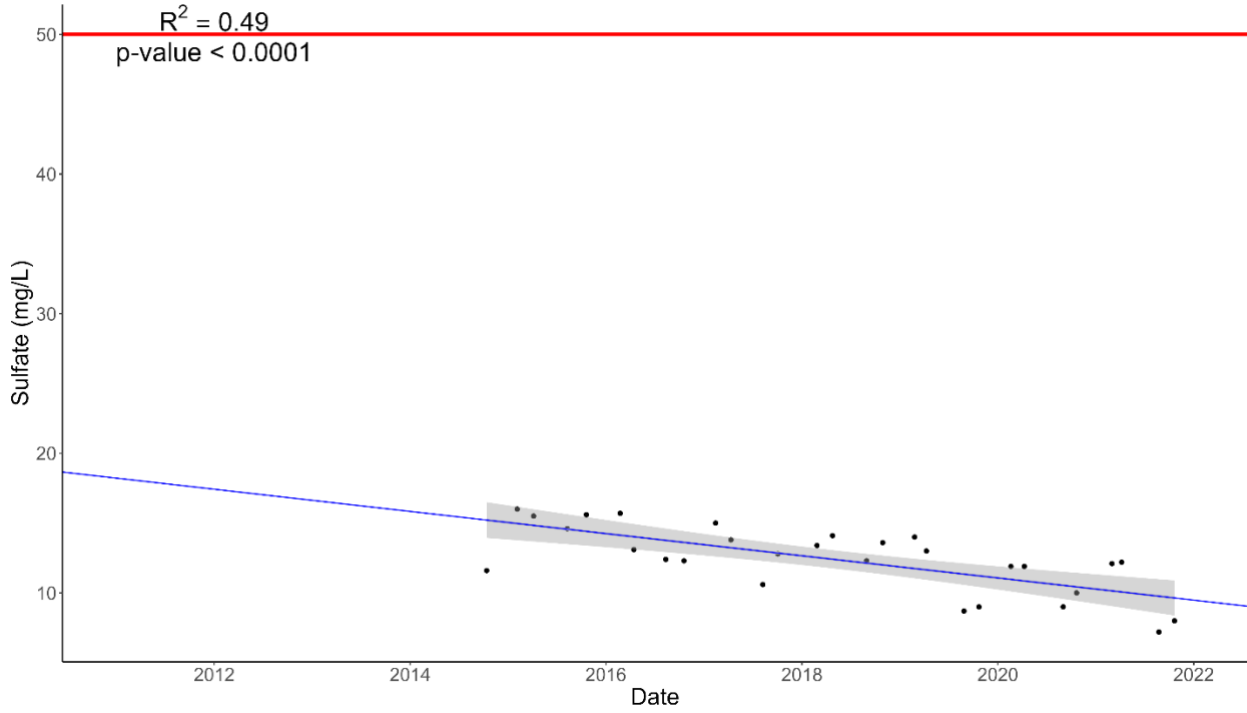


StationID: 21548-SURFACE

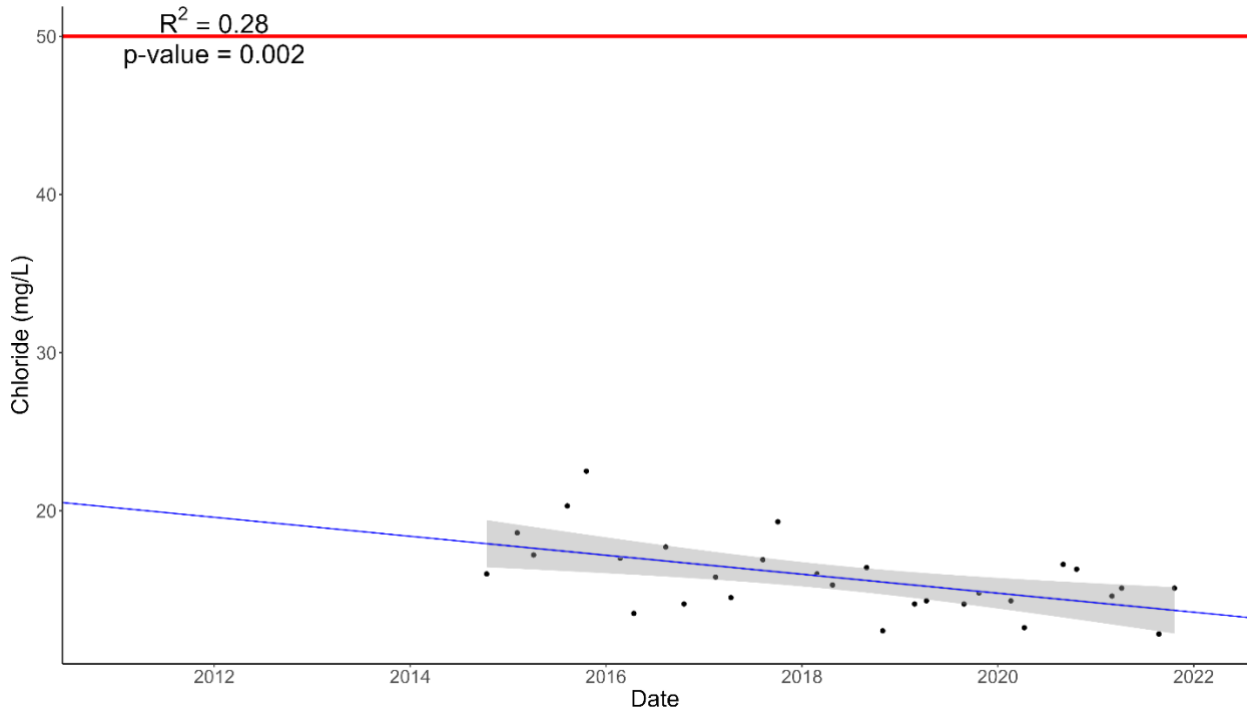
$R^2 = 0.16$
p-value = 0.0198



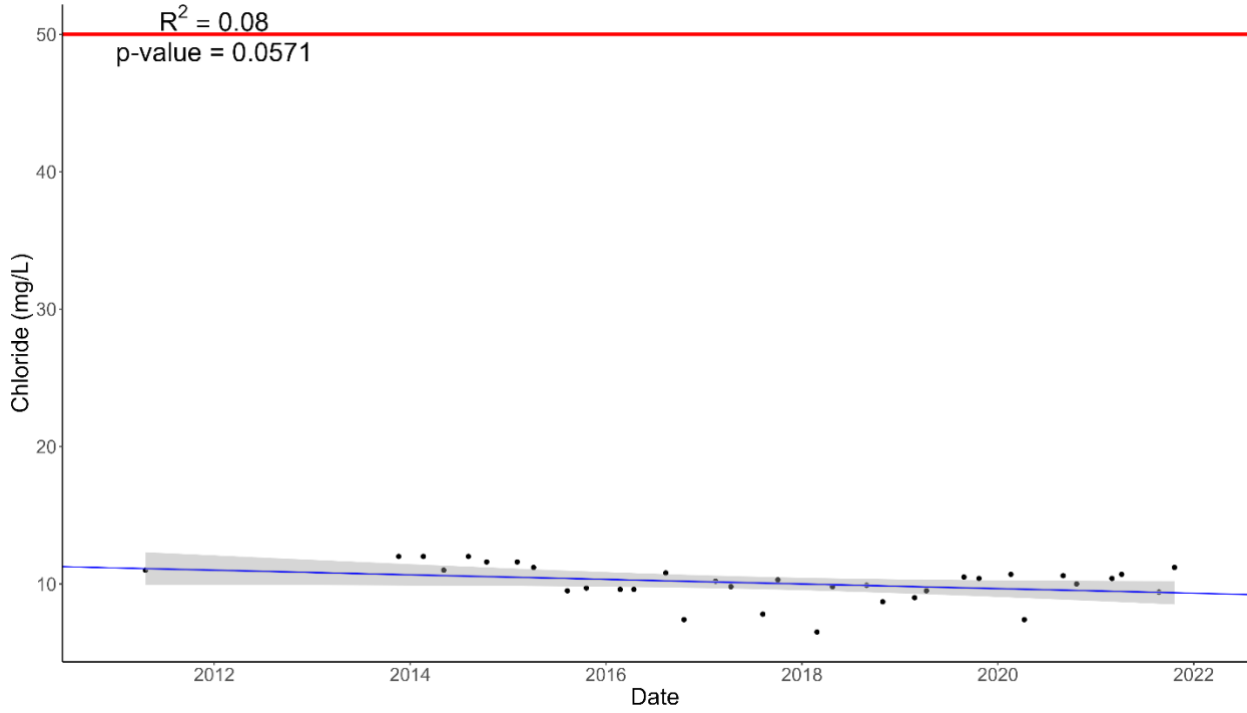
StationID: 21548-SURFACE



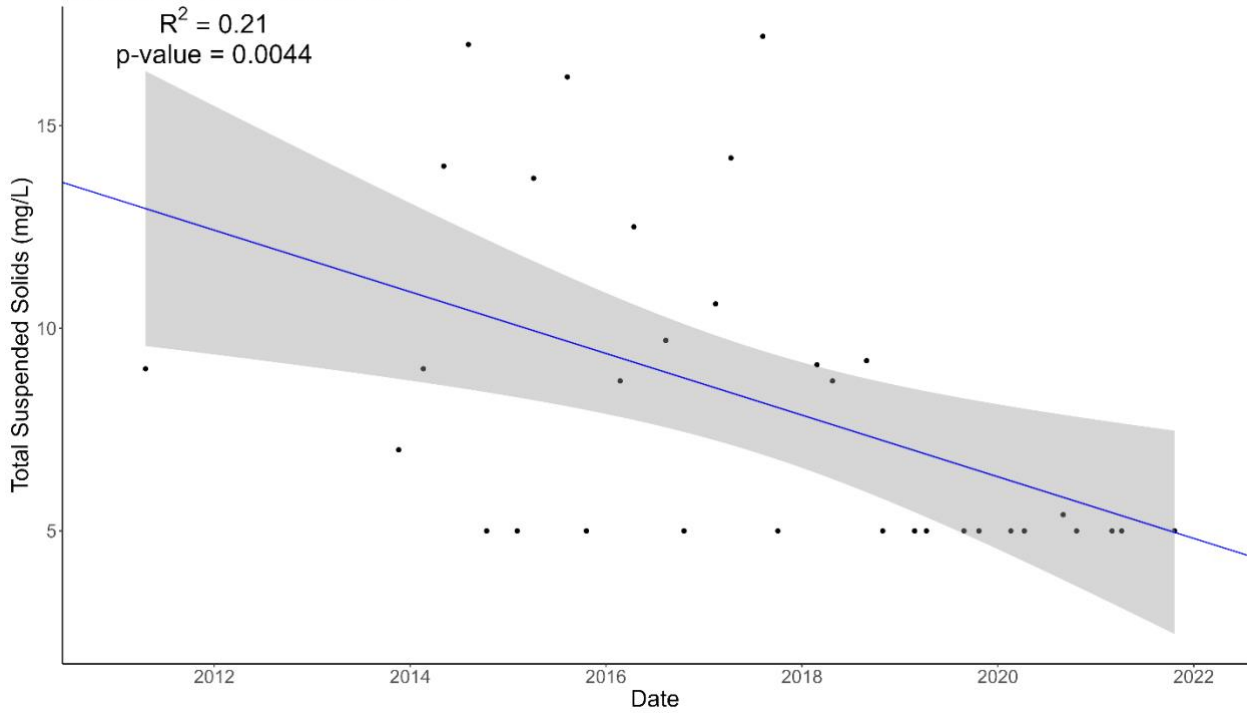
StationID: 21548-SURFACE



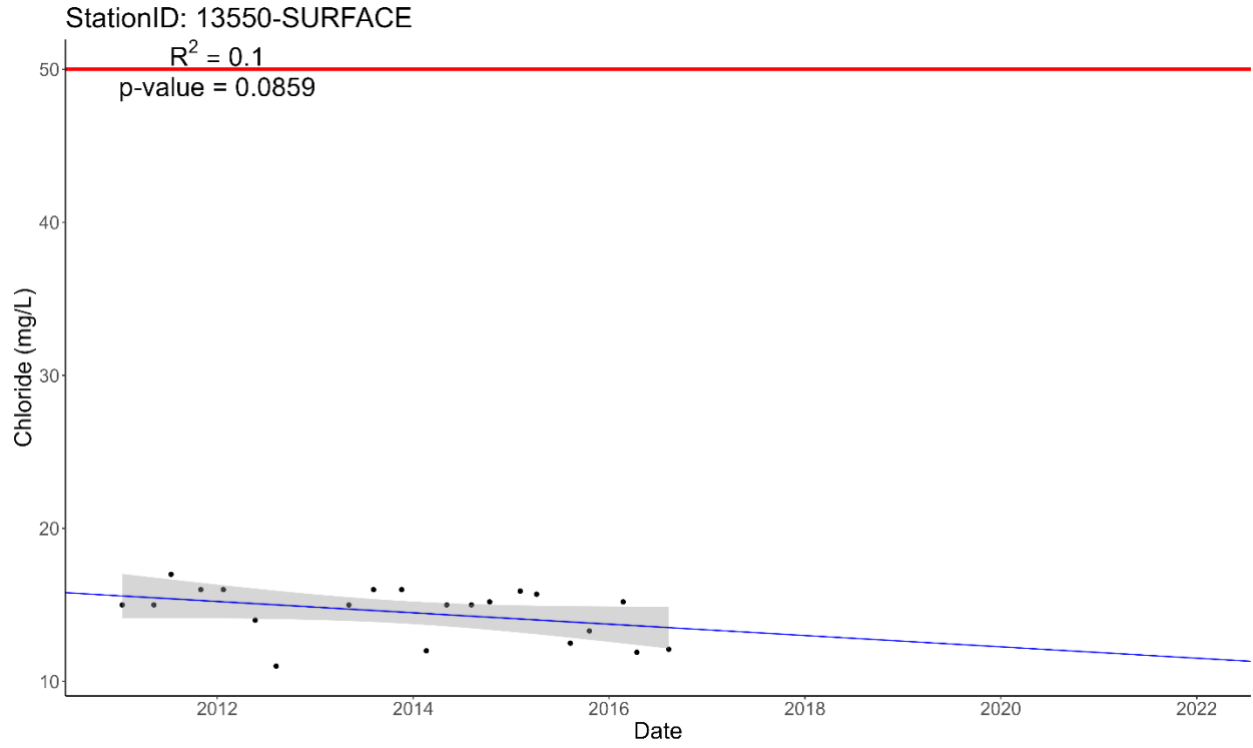
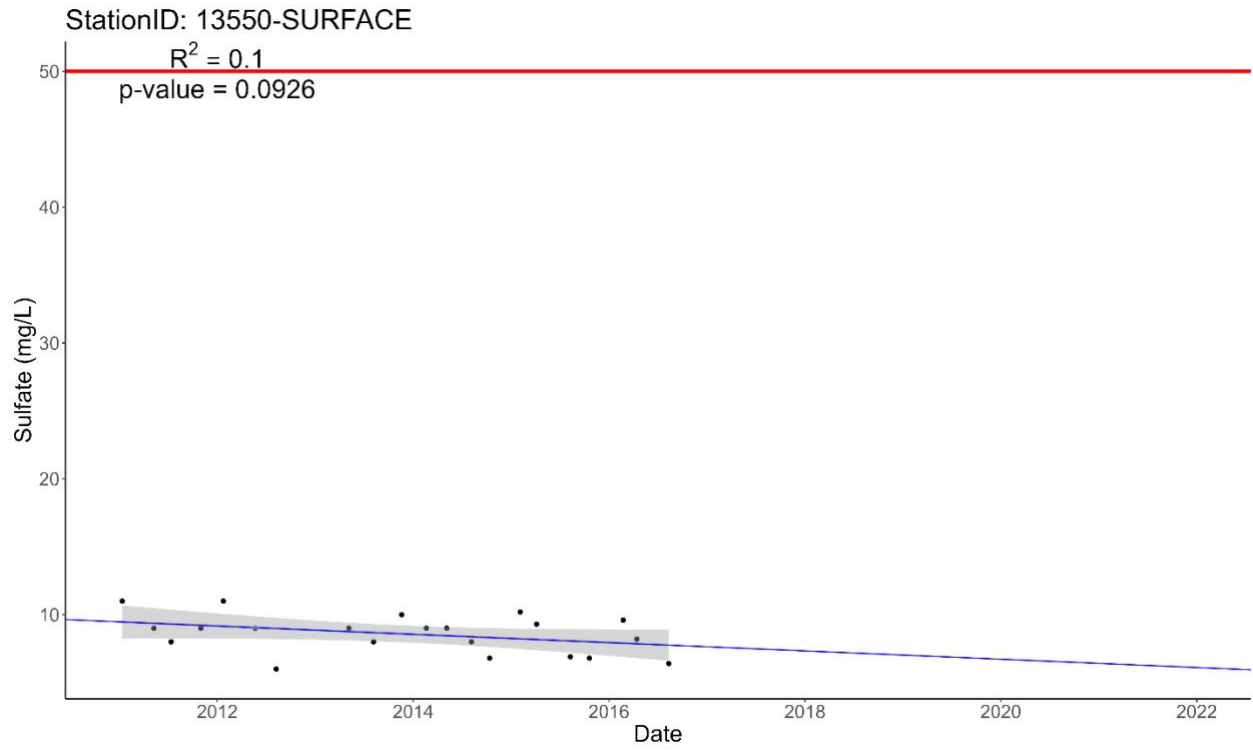
StationID: 18197-SURFACE



StationID: 18197-SURFACE

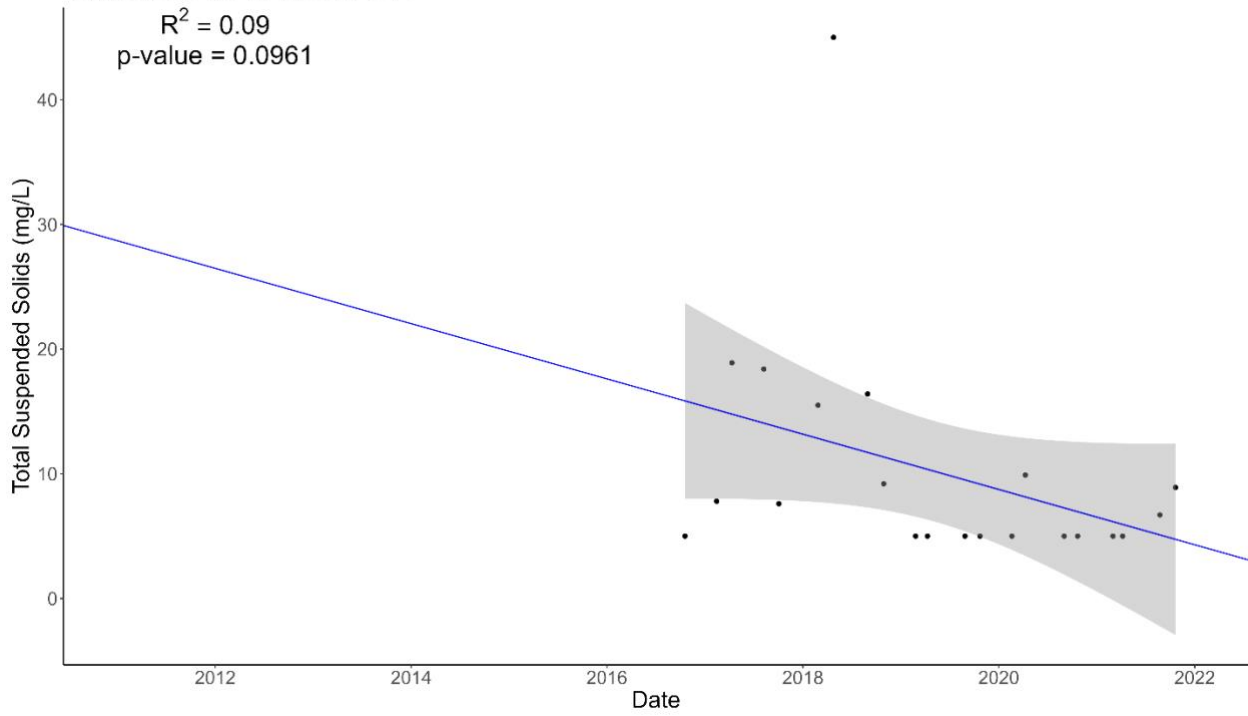


1415A – Johnson Creek



StationID: 21812-SURFACE

$R^2 = 0.09$
p-value = 0.0961



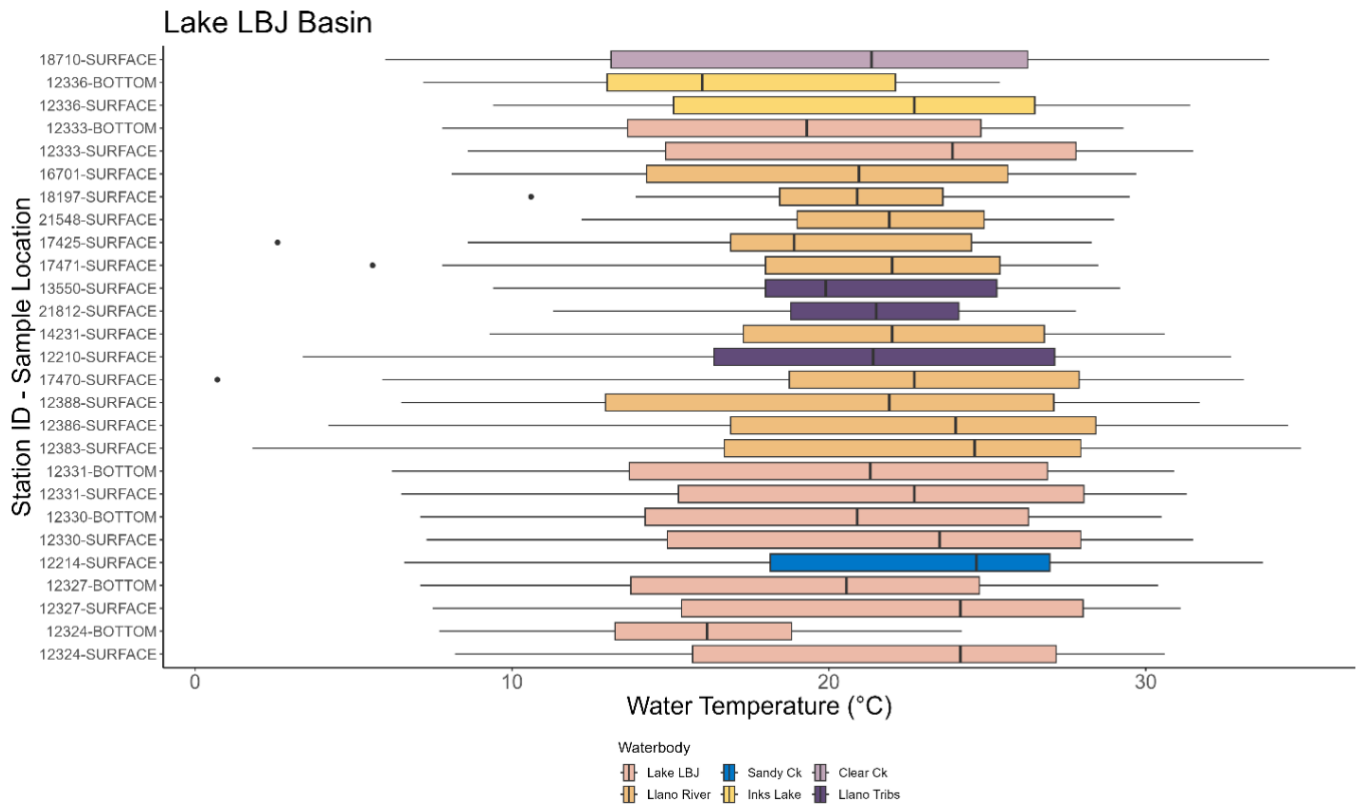
1415C – James River

No significant trends.

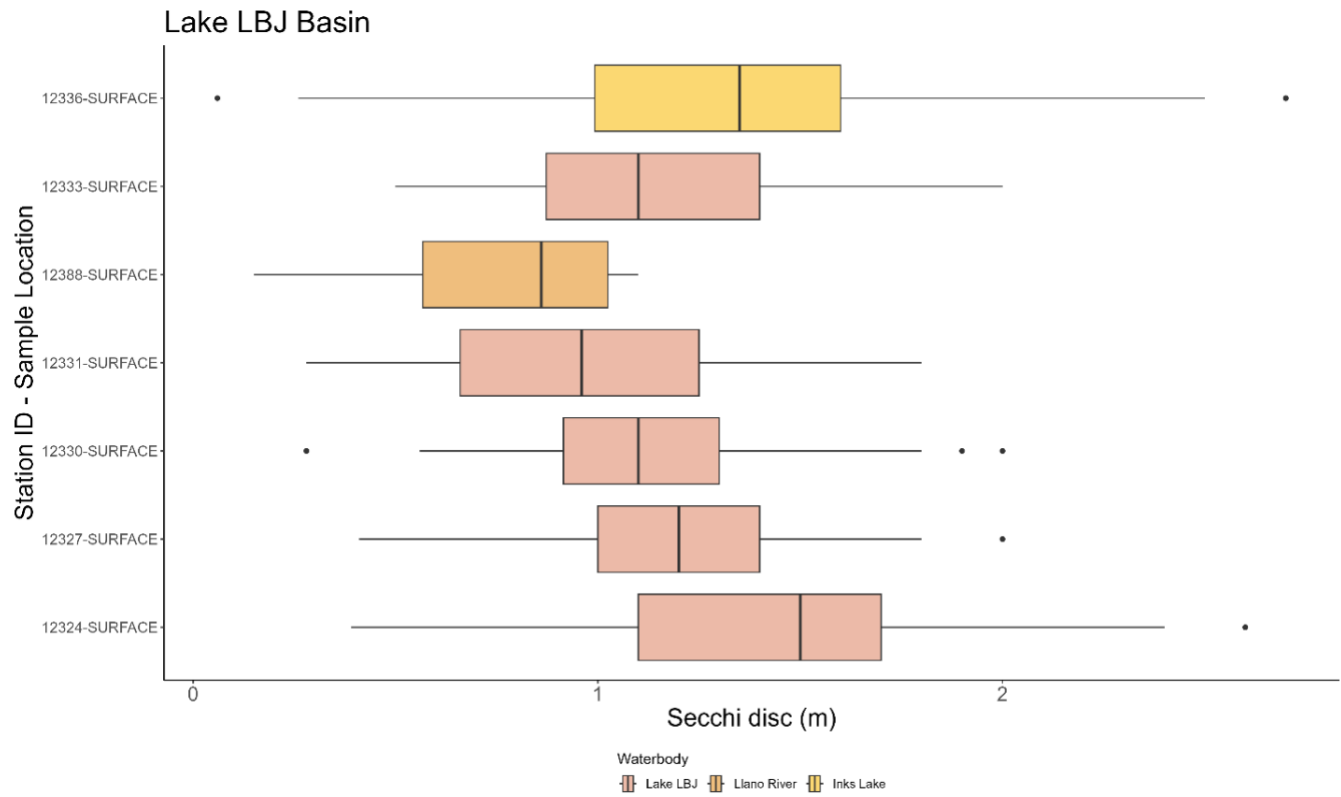
Appendix X9

Spatial comparison of parameters collected within the Lyndon B. Johnson Basin. Boxplots of each parameter are presented first followed by a table of site-by-site comparisons using a Tukey-HSD analysis. Only statistically different station comparisons for each parameter are presented (p -value < 0.05).

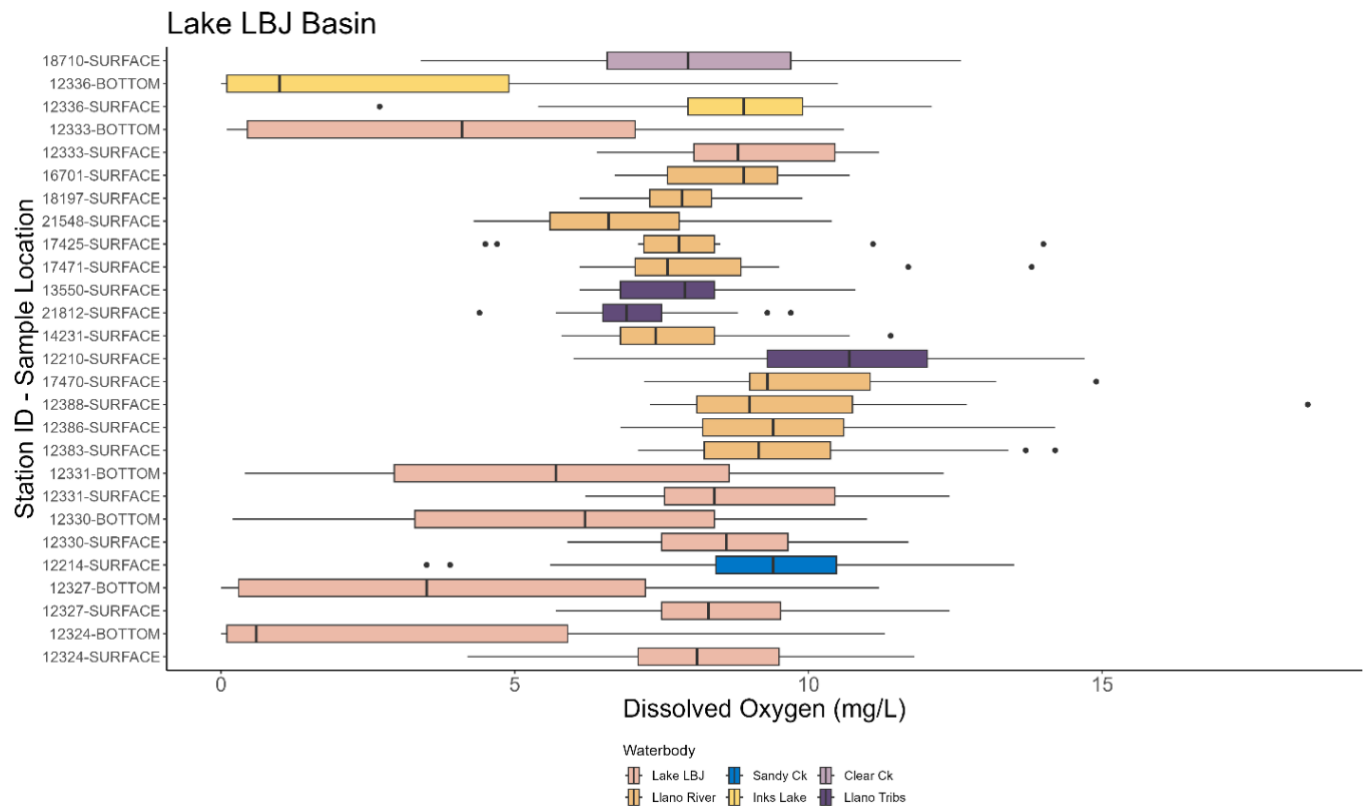
Water Temperature



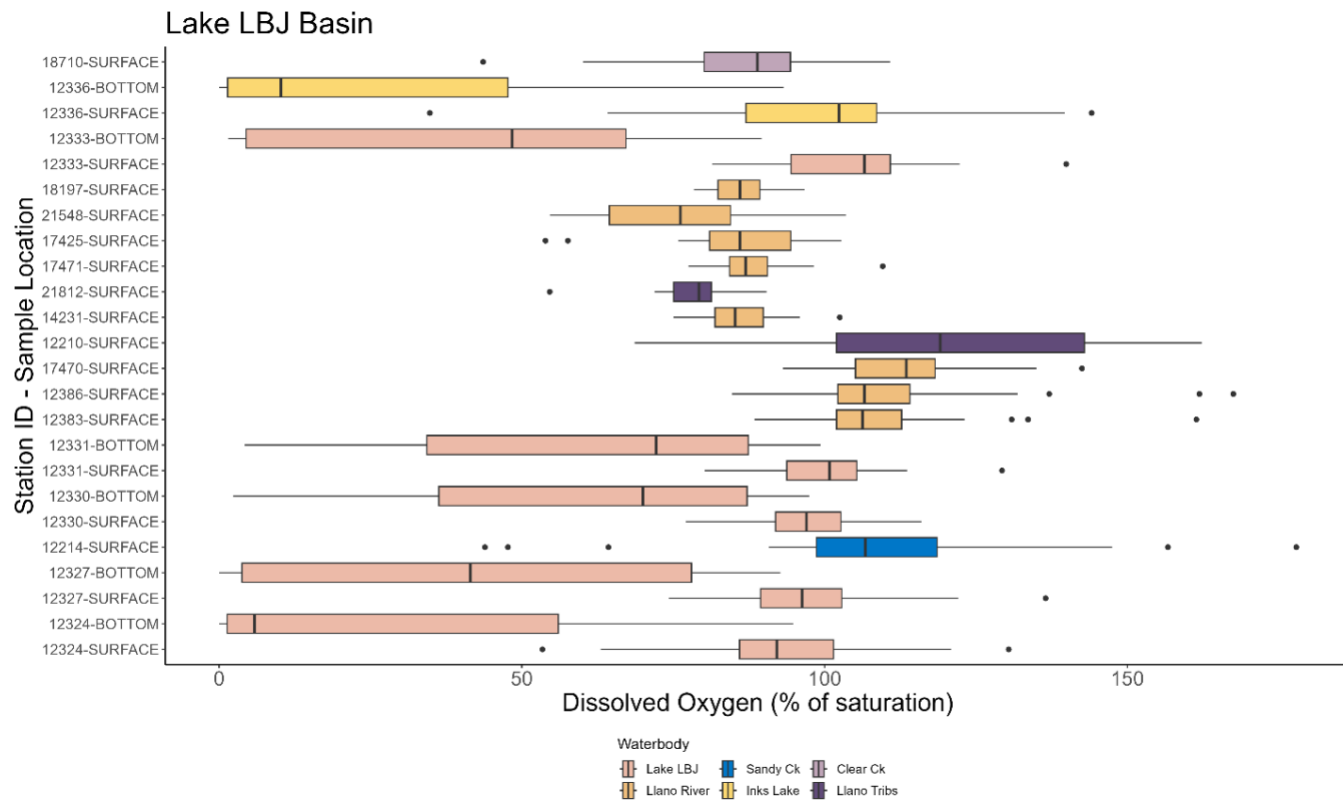
Secchi disc depth



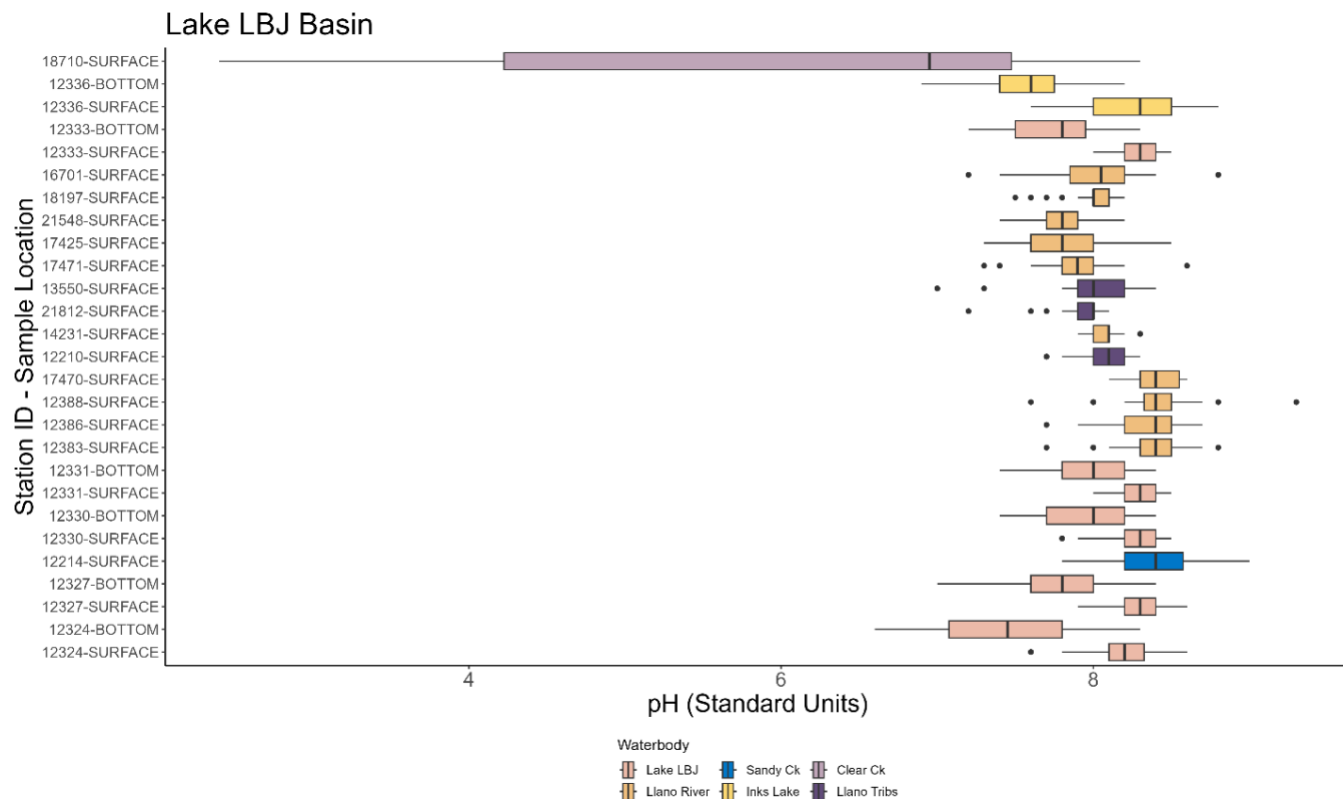
Dissolved Oxygen



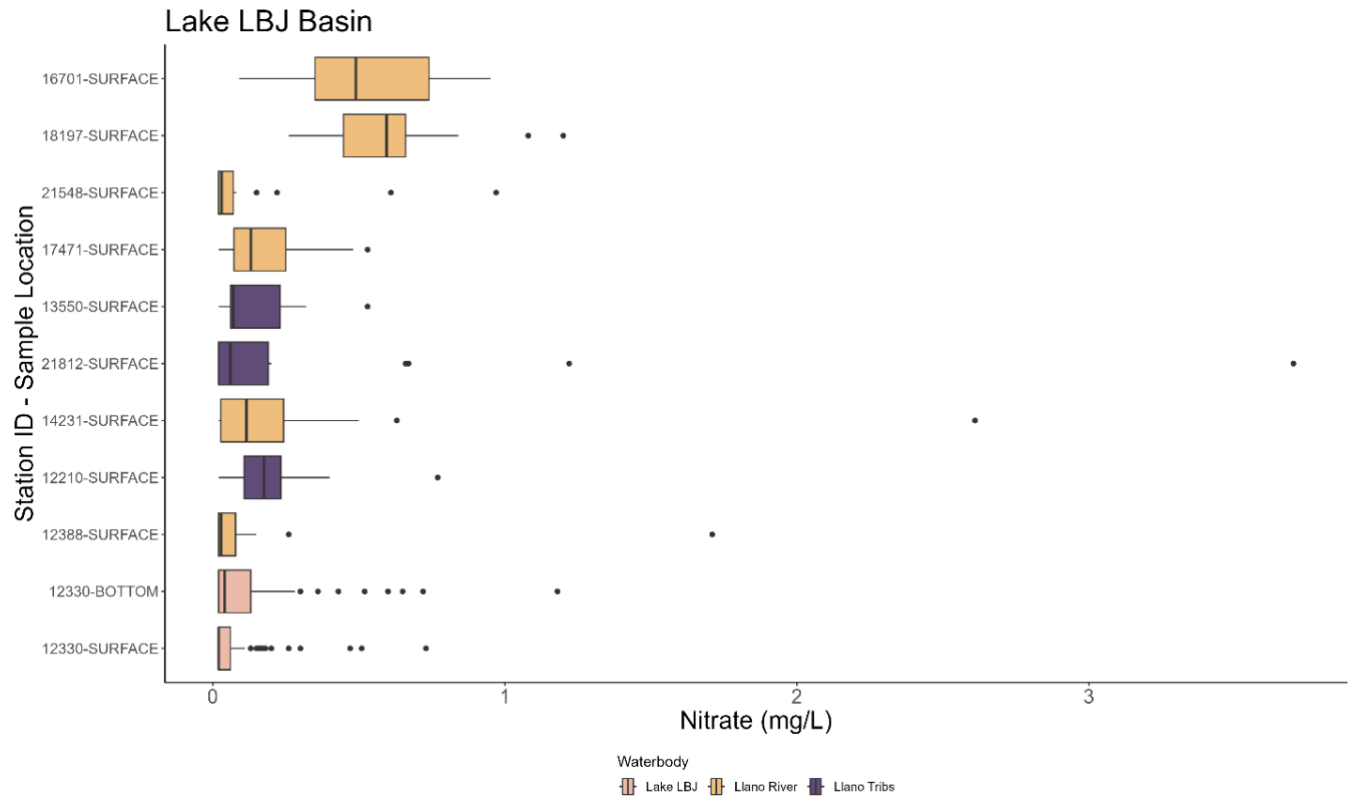
Dissolved Oxygen (% of saturation)



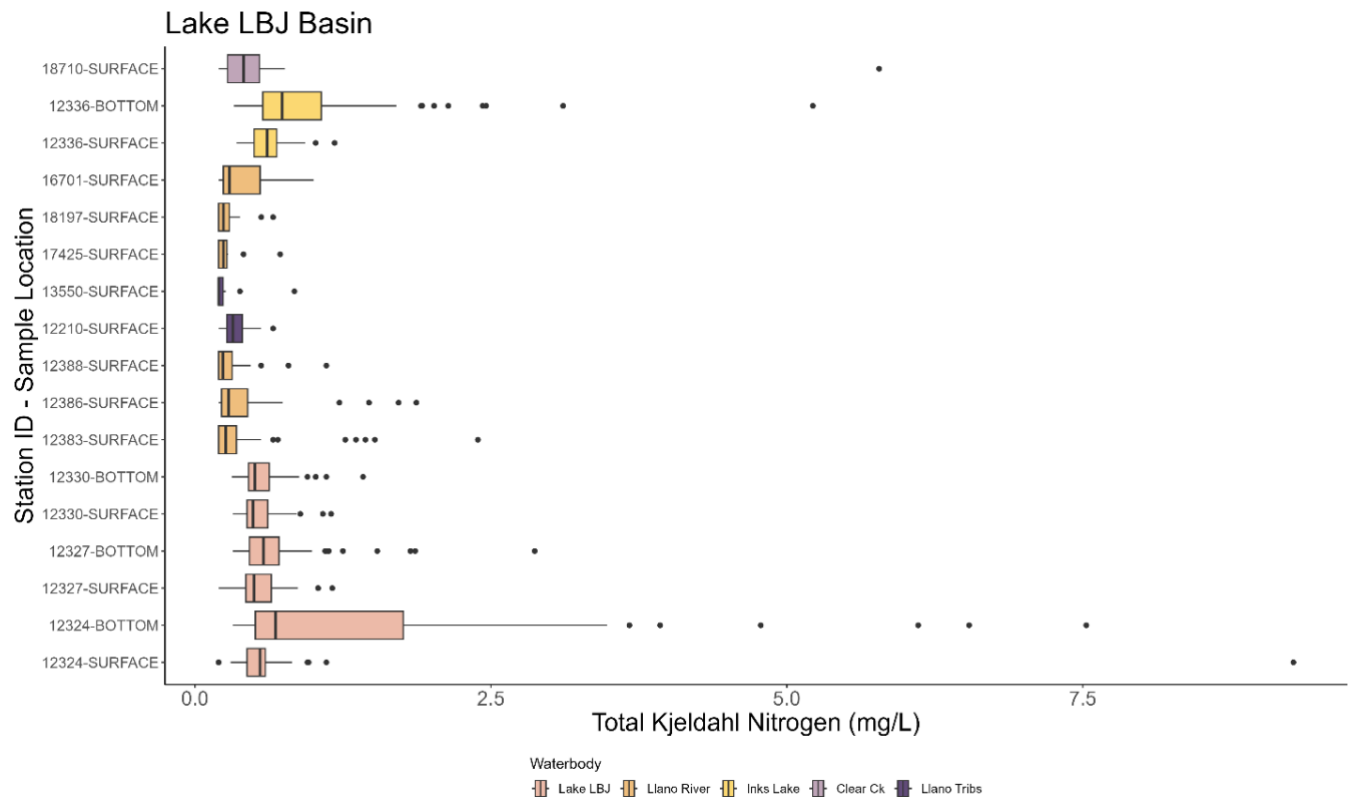
pH



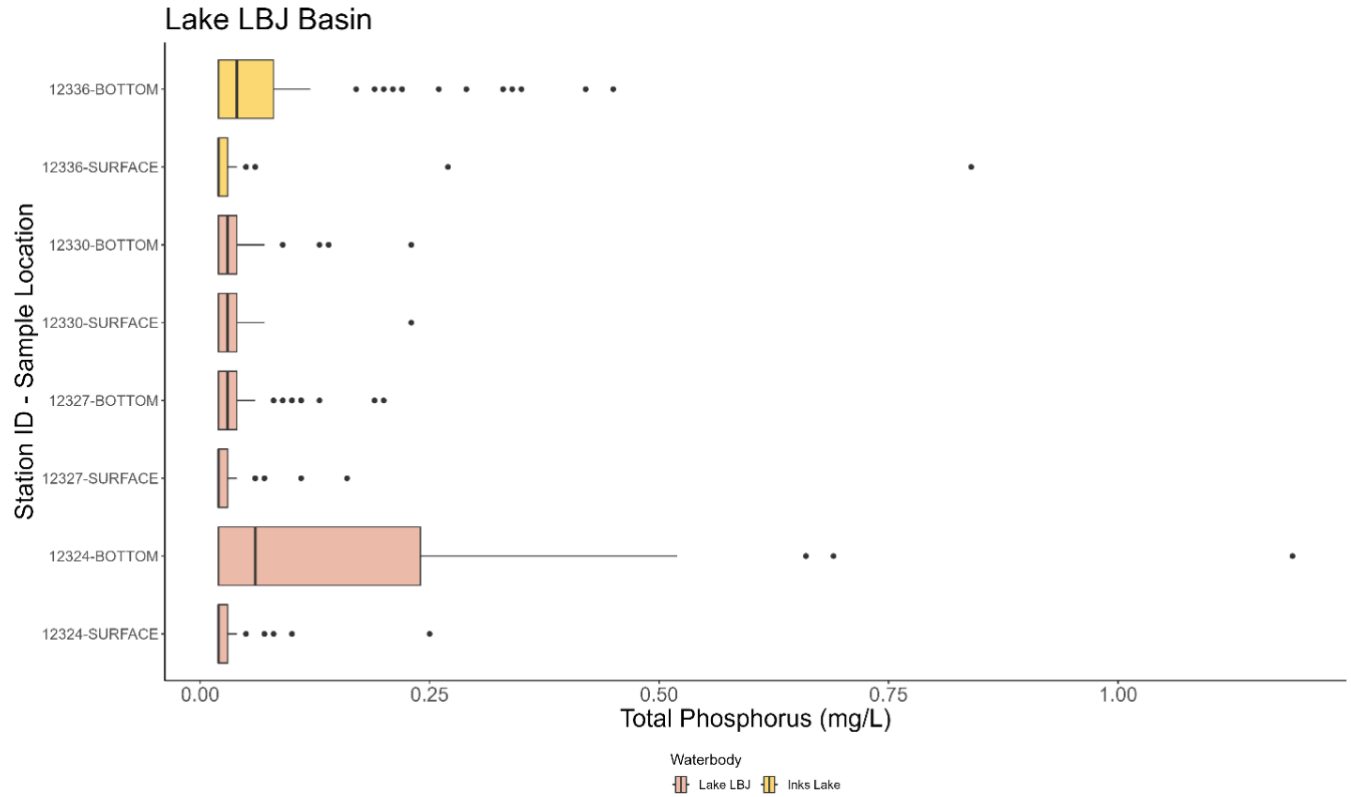
Nitrate



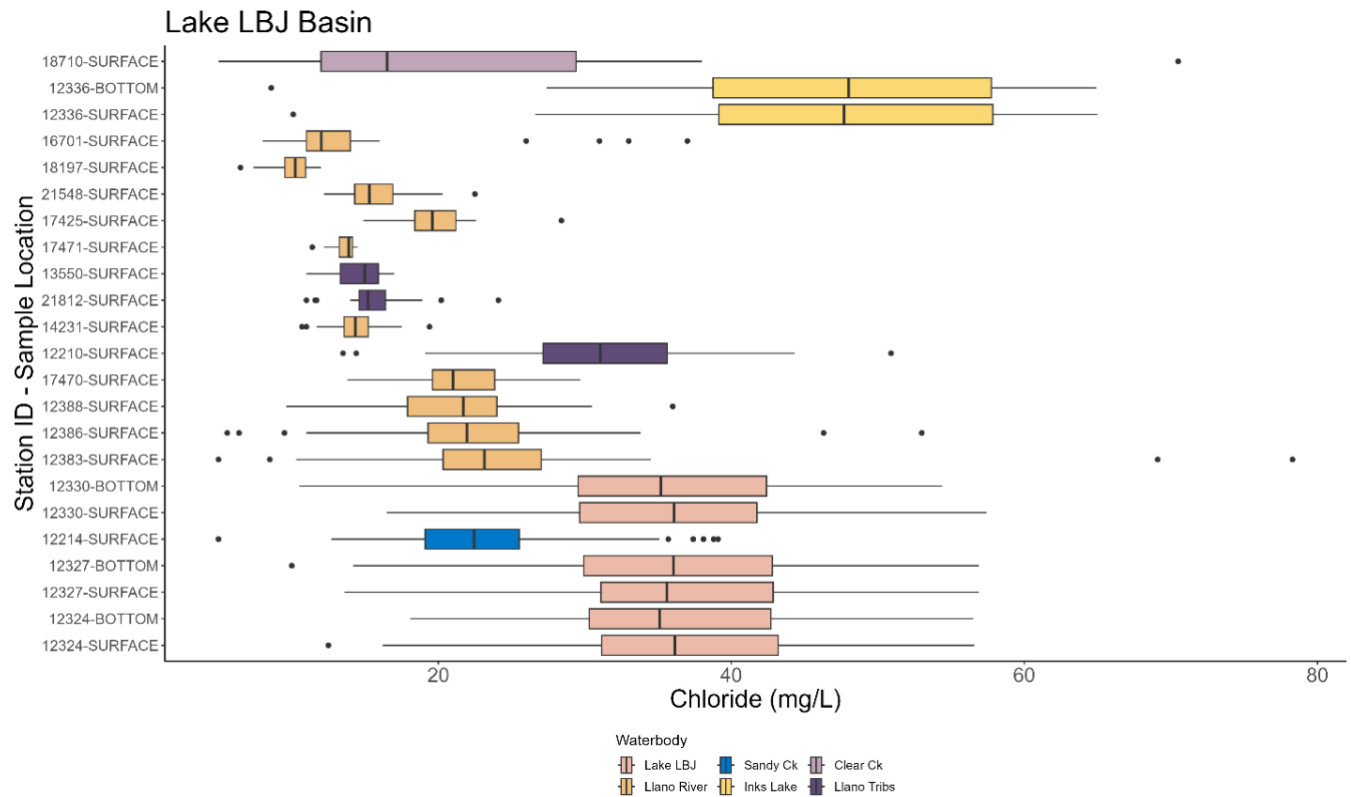
Total Kjeldahl Nitrogen



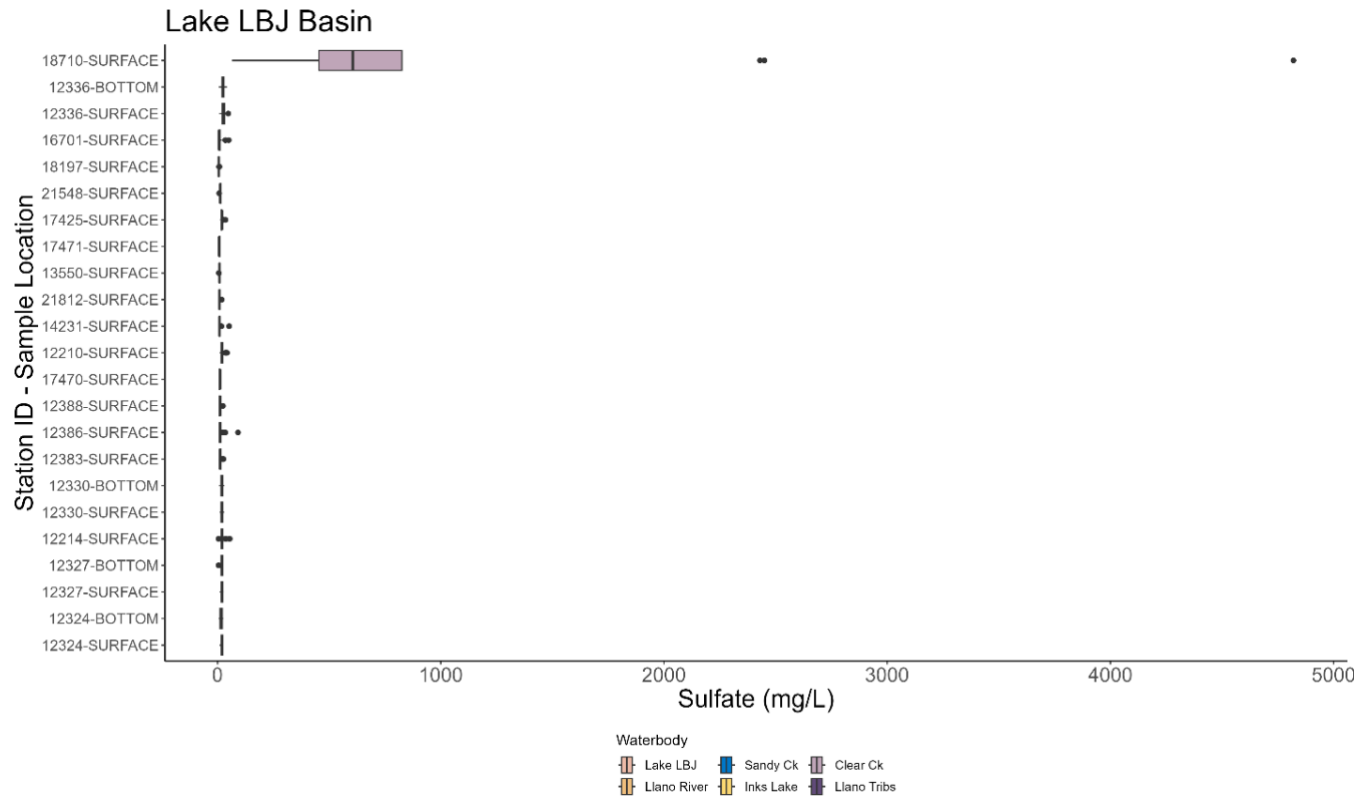
Total Phosphorus



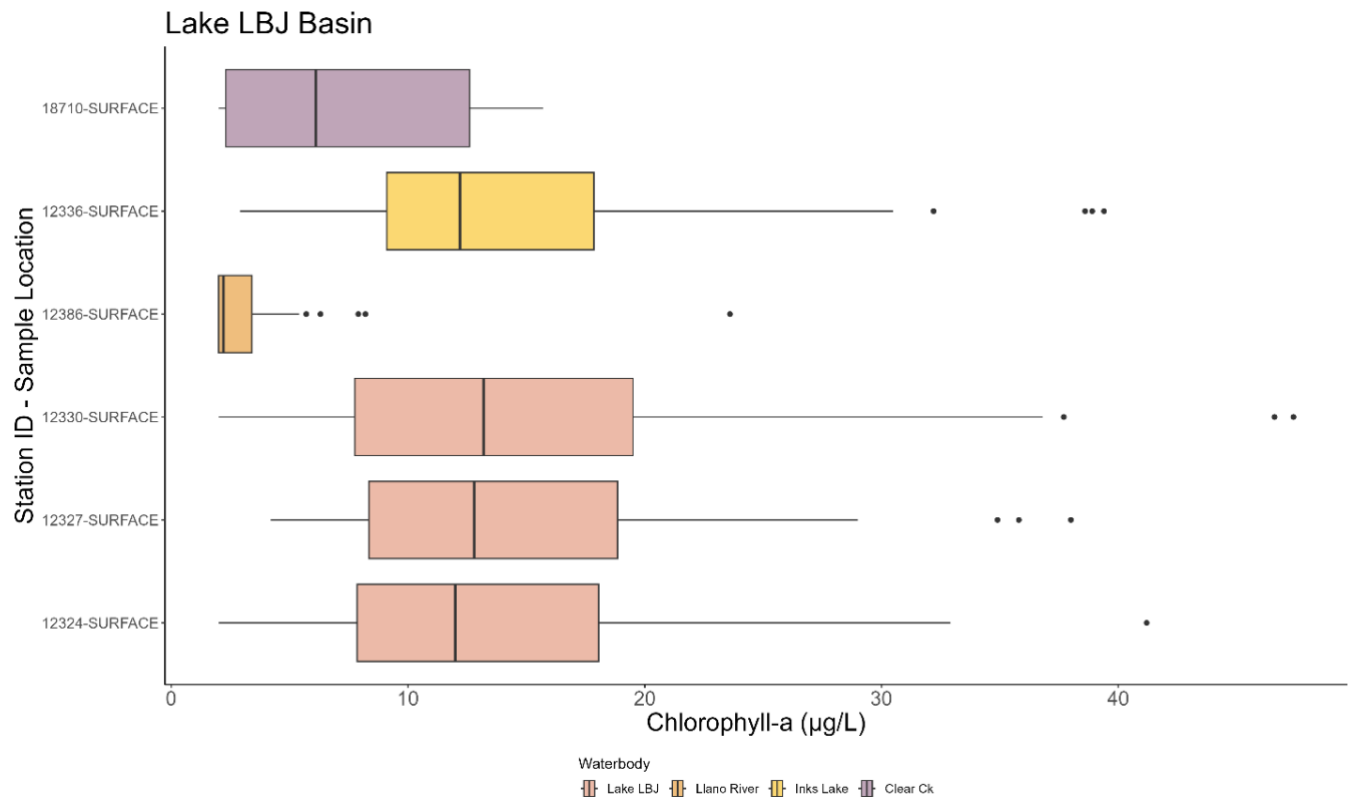
Chloride



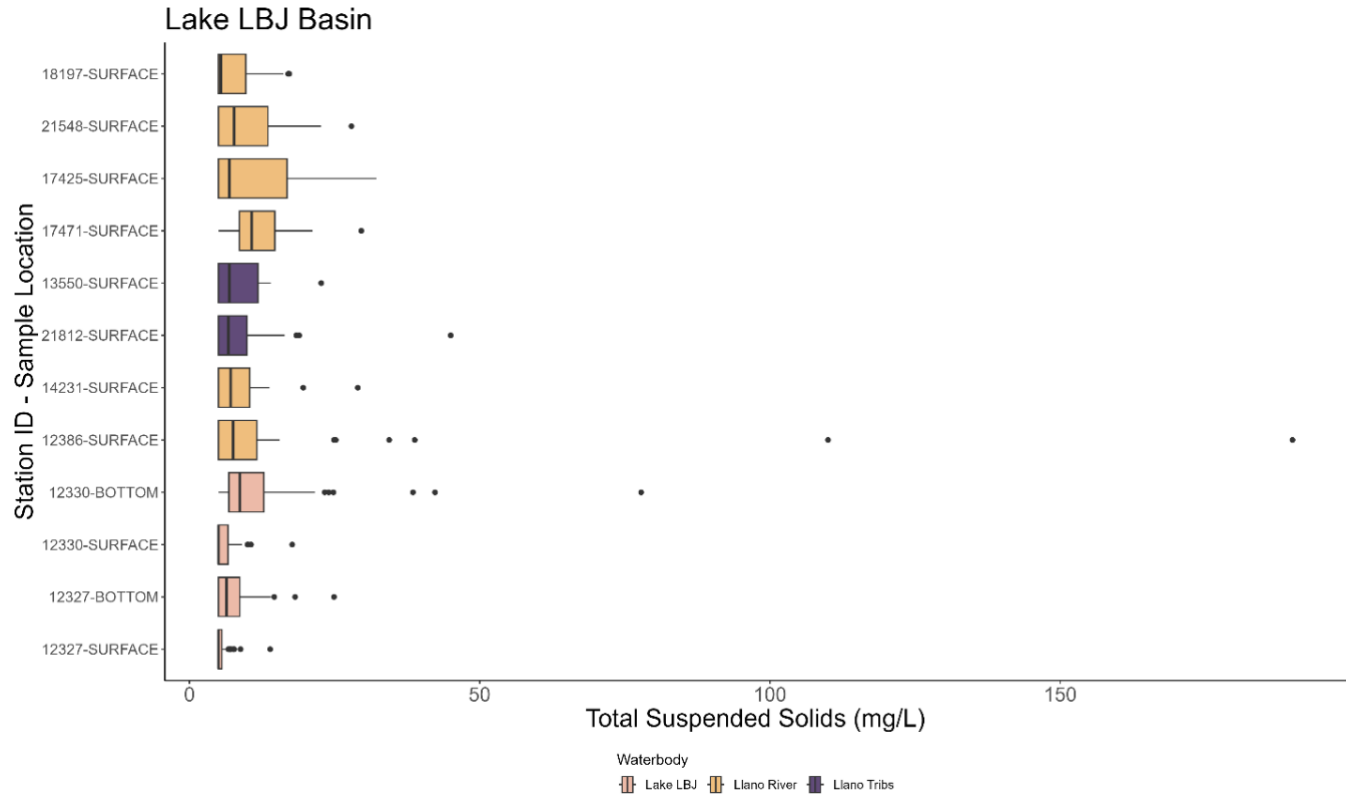
Sulfate



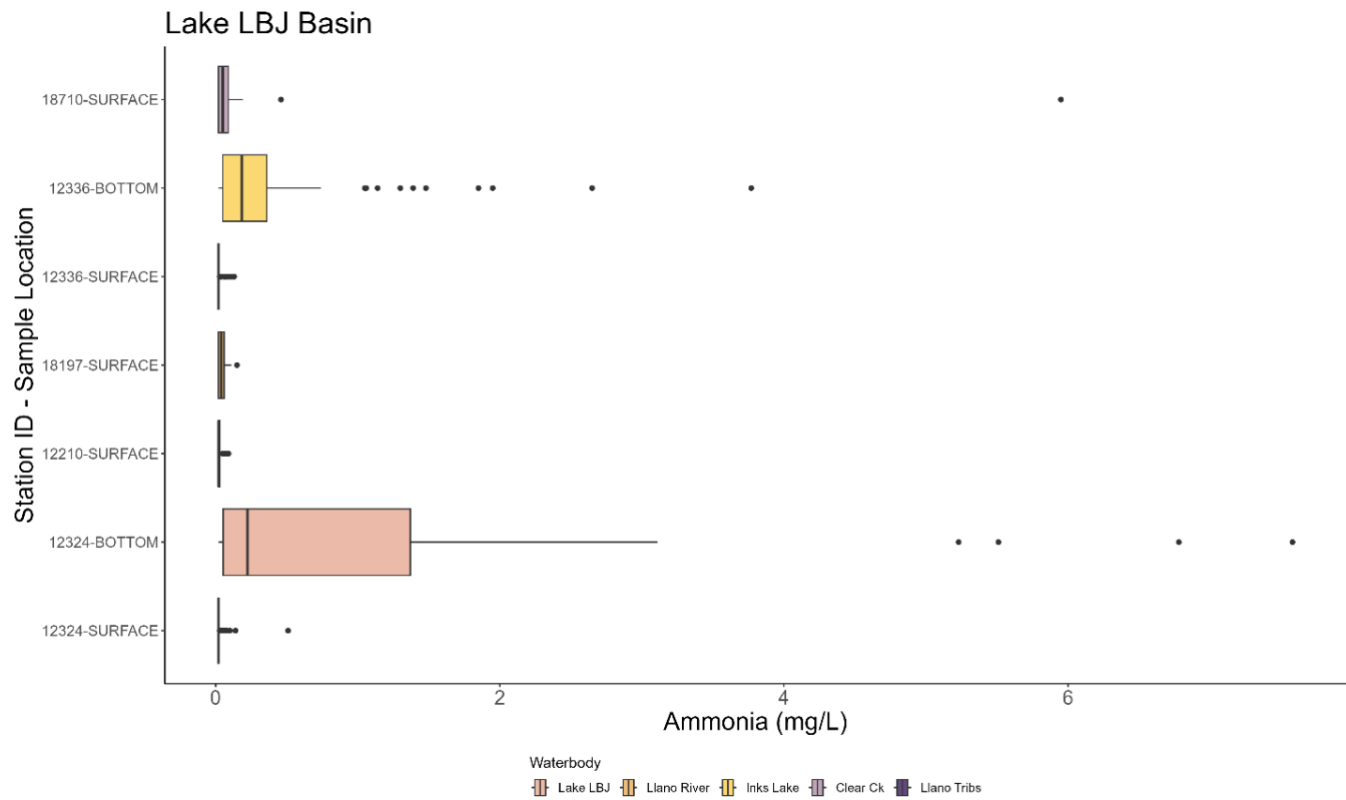
Chlorophyll a



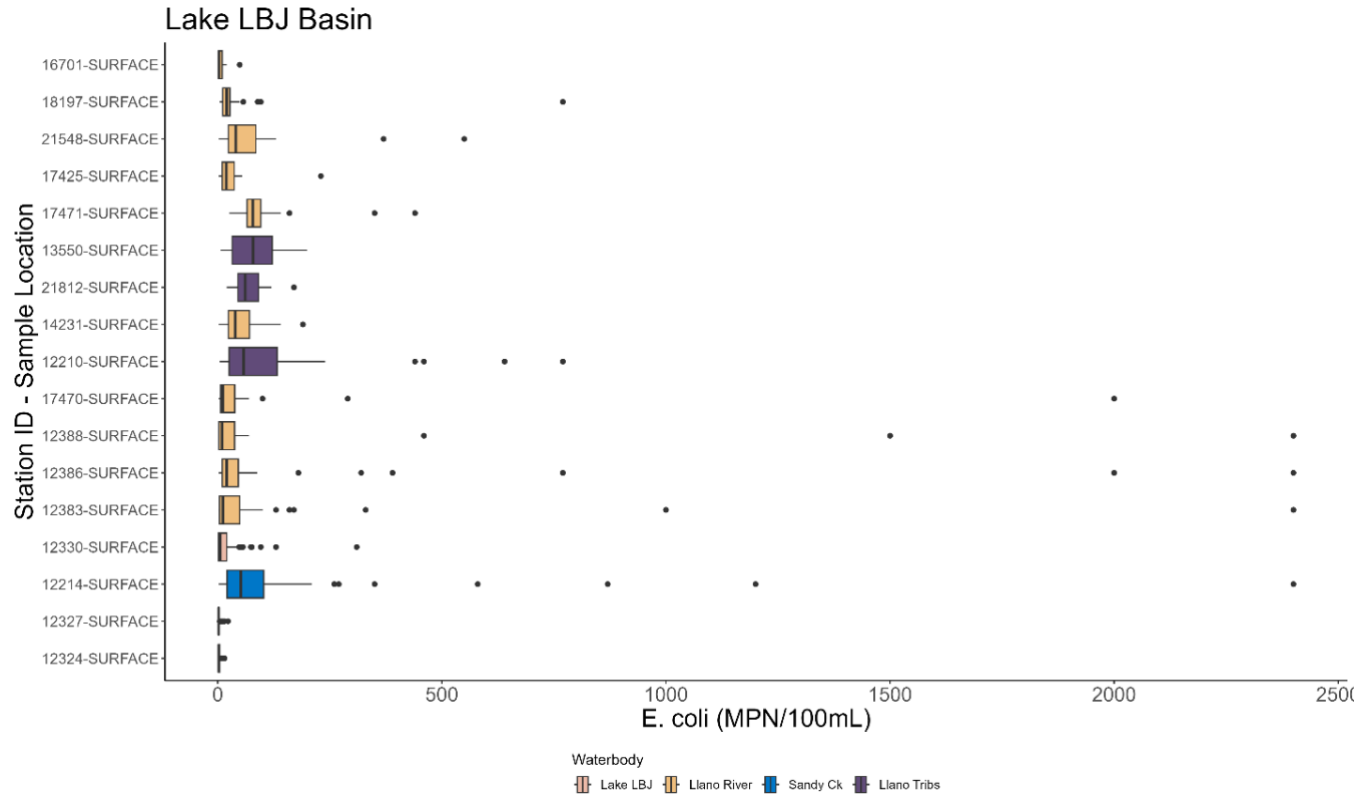
Total Suspended Solids



Ammonia



E. coli



Multiple Comparison Table

Multiple comparisons using Tukey-HSD after a significant ANOVA has been noted for the parameter. Sites that are being compared on a given row are mentioned in the Site Comparison column. The estimated difference between the sites for a given parameter is in the Difference column with the 95% confidence interval for the difference lying between the 95% Low and 95% High columns. As long as the 95% confidence interval does not contain zero, the sites should be statistically different (p-value < 0.05) for a given parameter.

Parameter Code	Parameter	WSHED	Site Comparison	Difference	95% Low Diff	95% High Diff	p-value
00010	Water Temperature (°C)	LBJ	12324-BOTTOM-12210-SURFACE	-4.9614	-9.5253	-0.3975	0.0158
00010	Water Temperature (°C)	LBJ	12324-BOTTOM-12214-SURFACE	-6.6621	-10.7851	-2.5391	<0.0001
00010	Water Temperature (°C)	LBJ	12336-BOTTOM-12214-SURFACE	-5.9351	-10.0704	-1.7998	<0.0001
00010	Water Temperature (°C)	LBJ	12324-SURFACE-12324-BOTTOM	5.7447	1.8365	9.6530	<0.0001
00010	Water Temperature (°C)	LBJ	12327-SURFACE-12324-BOTTOM	5.9605	2.0522	9.8688	<0.0001
00010	Water Temperature (°C)	LBJ	12330-BOTTOM-12324-BOTTOM	4.6563	0.7350	8.5776	0.0035
00010	Water Temperature (°C)	LBJ	12330-SURFACE-12324-BOTTOM	5.8577	1.9364	9.7790	<0.0001
00010	Water Temperature (°C)	LBJ	12331-SURFACE-12324-BOTTOM	5.7306	0.3329	11.1282	0.0224
00010	Water Temperature (°C)	LBJ	12333-SURFACE-12324-BOTTOM	6.0898	0.6921	11.4875	0.0087
00010	Water Temperature (°C)	LBJ	12336-SURFACE-12324-BOTTOM	4.8923	0.9710	8.8136	0.0013
00010	Water Temperature (°C)	LBJ	12383-SURFACE-12324-BOTTOM	6.5932	2.5396	10.6468	<0.0001
00010	Water Temperature (°C)	LBJ	12386-SURFACE-12324-BOTTOM	6.4568	2.4032	10.5104	<0.0001
00010	Water Temperature (°C)	LBJ	14231-SURFACE-12324-BOTTOM	5.3372	0.5076	10.1667	0.0122
00010	Water Temperature (°C)	LBJ	12336-BOTTOM-12324-SURFACE	-5.0177	-8.9390	-1.0965	8e-04
00010	Water Temperature (°C)	LBJ	12336-BOTTOM-12327-SURFACE	-5.2335	-9.1548	-1.3122	3e-04
00010	Water Temperature (°C)	LBJ	12336-BOTTOM-12330-SURFACE	-5.1307	-9.0649	-1.1964	5e-04
00010	Water Temperature (°C)	LBJ	12336-SURFACE-12336-BOTTOM	4.1653	0.2311	8.0996	0.0233
00010	Water Temperature (°C)	LBJ	12383-SURFACE-12336-BOTTOM	5.8662	1.8000	9.9323	<0.0001
00010	Water Temperature (°C)	LBJ	12386-SURFACE-12336-BOTTOM	5.7298	1.6637	9.7960	1e-04
00300	Dissolved Oxygen (mg/L)	LBJ	12324-BOTTOM-12210-SURFACE	-8.0056	-9.5958	-6.4155	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12324-SURFACE-12210-SURFACE	-2.3675	-3.9576	-0.7773	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12327-BOTTOM-12210-SURFACE	-6.4846	-8.0747	-4.8944	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12327-SURFACE-12210-SURFACE	-2.0201	-3.6102	-0.4300	9e-04
00300	Dissolved Oxygen (mg/L)	LBJ	12330-BOTTOM-12210-SURFACE	-4.7647	-6.3588	-3.1707	<0.0001

00300	Dissolved Oxygen (mg/L)	LBJ	12330-SURFACE-12210-SURFACE	-1.9474	-3.5414	-0.3534	0.002
00300	Dissolved Oxygen (mg/L)	LBJ	12331-BOTTOM-12210-SURFACE	-4.7505	-6.8026	-2.6984	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12333-BOTTOM-12210-SURFACE	-6.7209	-8.7730	-4.6688	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-BOTTOM-12210-SURFACE	-7.9834	-9.5774	-6.3894	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-SURFACE-12210-SURFACE	-1.6901	-3.2841	-0.0960	0.0229
00300	Dissolved Oxygen (mg/L)	LBJ	13550-SURFACE-12210-SURFACE	-2.7108	-4.9372	-0.4844	0.0021
00300	Dissolved Oxygen (mg/L)	LBJ	14231-SURFACE-12210-SURFACE	-2.7565	-4.6289	-0.8841	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17471-SURFACE-12210-SURFACE	-2.4148	-4.7192	-0.1105	0.027
00300	Dissolved Oxygen (mg/L)	LBJ	18197-SURFACE-12210-SURFACE	-2.7634	-4.7136	-0.8131	1e-04
00300	Dissolved Oxygen (mg/L)	LBJ	18710-SURFACE-12210-SURFACE	-2.3246	-4.0294	-0.6198	2e-04
00300	Dissolved Oxygen (mg/L)	LBJ	21548-SURFACE-12210-SURFACE	-3.7072	-5.7150	-1.6994	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	21812-SURFACE-12210-SURFACE	-3.4727	-5.6991	-1.2464	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12324-BOTTOM-12214-SURFACE	-6.8652	-8.3017	-5.4286	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12327-BOTTOM-12214-SURFACE	-5.3441	-6.7806	-3.9076	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12330-BOTTOM-12214-SURFACE	-3.6243	-5.0651	-2.1834	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12331-BOTTOM-12214-SURFACE	-3.6100	-5.5455	-1.6745	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12333-BOTTOM-12214-SURFACE	-5.5804	-7.5159	-3.6449	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-BOTTOM-12214-SURFACE	-6.8429	-8.2838	-5.4021	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	21548-SURFACE-12214-SURFACE	-2.5667	-4.4552	-0.6783	2e-04
00300	Dissolved Oxygen (mg/L)	LBJ	21812-SURFACE-12214-SURFACE	-2.3323	-4.4517	-0.2129	0.013
00300	Dissolved Oxygen (mg/L)	LBJ	12324-SURFACE-12324-BOTTOM	5.6382	4.2764	6.9999	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12327-BOTTOM-12324-BOTTOM	1.5211	0.1593	2.8828	0.0103
00300	Dissolved Oxygen (mg/L)	LBJ	12327-SURFACE-12324-BOTTOM	5.9855	4.6238	7.3472	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12330-BOTTOM-12324-BOTTOM	3.2409	1.8746	4.6071	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12330-SURFACE-12324-BOTTOM	6.0582	4.6920	7.4245	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12331-BOTTOM-12324-BOTTOM	3.2551	1.3745	5.1358	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12331-SURFACE-12324-BOTTOM	6.3255	4.4448	8.2061	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12333-SURFACE-12324-BOTTOM	6.5699	4.6893	8.4506	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-SURFACE-12324-BOTTOM	6.3156	4.9493	7.6818	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12383-SURFACE-12324-BOTTOM	6.8708	5.4584	8.2831	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12386-SURFACE-12324-BOTTOM	6.9814	5.5690	8.3937	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12388-SURFACE-12324-BOTTOM	7.0158	5.3010	8.7305	<0.0001

00300	Dissolved Oxygen (mg/L)	LBJ	13550-SURFACE-12324-BOTTOM	5.2948	3.2254	7.3642	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	14231-SURFACE-12324-BOTTOM	5.2491	3.5664	6.9318	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	16701-SURFACE-12324-BOTTOM	6.0718	3.8714	8.2722	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17425-SURFACE-12324-BOTTOM	5.4790	2.9597	7.9984	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17470-SURFACE-12324-BOTTOM	7.5539	5.4009	9.7070	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17471-SURFACE-12324-BOTTOM	5.5908	3.4377	7.7438	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	18197-SURFACE-12324-BOTTOM	5.2423	3.4734	7.0112	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	18710-SURFACE-12324-BOTTOM	5.6810	4.1871	7.1750	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	21548-SURFACE-12324-BOTTOM	4.2984	2.4662	6.1306	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	21812-SURFACE-12324-BOTTOM	4.5329	2.4635	6.6023	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12327-BOTTOM-12324-SURFACE	-4.1171	-5.4788	-2.7554	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12330-BOTTOM-12324-SURFACE	-2.3973	-3.7635	-1.0310	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12331-BOTTOM-12324-SURFACE	-2.3830	-4.2637	-0.5024	9e-04
00300	Dissolved Oxygen (mg/L)	LBJ	12333-BOTTOM-12324-SURFACE	-4.3534	-6.2341	-2.4728	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-BOTTOM-12324-SURFACE	-5.6159	-6.9822	-4.2497	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12327-SURFACE-12327-BOTTOM	4.4645	3.1028	5.8262	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12330-BOTTOM-12327-BOTTOM	1.7198	0.3536	3.0861	0.0011
00300	Dissolved Oxygen (mg/L)	LBJ	12330-SURFACE-12327-BOTTOM	4.5372	3.1709	5.9034	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12331-SURFACE-12327-BOTTOM	4.8044	2.9238	6.6851	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12333-SURFACE-12327-BOTTOM	5.0489	3.1682	6.9295	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-BOTTOM-12327-BOTTOM	-1.4988	-2.8651	-0.1326	0.0137
00300	Dissolved Oxygen (mg/L)	LBJ	12336-SURFACE-12327-BOTTOM	4.7945	3.4283	6.1608	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12383-SURFACE-12327-BOTTOM	5.3497	3.9374	6.7621	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12386-SURFACE-12327-BOTTOM	5.4603	4.0480	6.8727	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12388-SURFACE-12327-BOTTOM	5.4947	3.7800	7.2094	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	13550-SURFACE-12327-BOTTOM	3.7737	1.7043	5.8432	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	14231-SURFACE-12327-BOTTOM	3.7281	2.0453	5.4108	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	16701-SURFACE-12327-BOTTOM	4.5507	2.3503	6.7511	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17425-SURFACE-12327-BOTTOM	3.9580	1.4386	6.4774	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17470-SURFACE-12327-BOTTOM	6.0329	3.8798	8.1860	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17471-SURFACE-12327-BOTTOM	4.0697	1.9167	6.2228	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	18197-SURFACE-12327-BOTTOM	3.7212	1.9523	5.4901	<0.0001

00300	Dissolved Oxygen (mg/L)	LBJ	18710-SURFACE-12327-BOTTOM	4.1600	2.6660	5.6540	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	21548-SURFACE-12327-BOTTOM	2.7774	0.9452	4.6095	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	21812-SURFACE-12327-BOTTOM	3.0118	0.9424	5.0813	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12330-BOTTOM-12327-SURFACE	-2.7446	-4.1109	-1.3784	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12331-BOTTOM-12327-SURFACE	-2.7304	-4.6111	-0.8498	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12333-BOTTOM-12327-SURFACE	-4.7008	-6.5814	-2.8201	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-BOTTOM-12327-SURFACE	-5.9633	-7.3295	-4.5971	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12330-SURFACE-12330-BOTTOM	2.8173	1.4466	4.1881	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12331-SURFACE-12330-BOTTOM	3.0846	1.2007	4.9685	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12333-BOTTOM-12330-BOTTOM	-1.9561	-3.8401	-0.0722	0.0307
00300	Dissolved Oxygen (mg/L)	LBJ	12333-SURFACE-12330-BOTTOM	3.3290	1.4451	5.2130	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-BOTTOM-12330-BOTTOM	-3.2187	-4.5894	-1.8479	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-SURFACE-12330-BOTTOM	3.0747	1.7039	4.4454	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12383-SURFACE-12330-BOTTOM	3.6299	2.2132	5.0466	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12386-SURFACE-12330-BOTTOM	3.7405	2.3238	5.1572	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12388-SURFACE-12330-BOTTOM	3.7749	2.0565	5.4932	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	14231-SURFACE-12330-BOTTOM	2.0082	0.3218	3.6946	0.0033
00300	Dissolved Oxygen (mg/L)	LBJ	16701-SURFACE-12330-BOTTOM	2.8309	0.6277	5.0341	7e-04
00300	Dissolved Oxygen (mg/L)	LBJ	17470-SURFACE-12330-BOTTOM	4.3131	2.1571	6.4690	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17471-SURFACE-12330-BOTTOM	2.3499	0.1940	4.5058	0.0151
00300	Dissolved Oxygen (mg/L)	LBJ	18197-SURFACE-12330-BOTTOM	2.0014	0.2290	3.7738	0.0086
00300	Dissolved Oxygen (mg/L)	LBJ	18710-SURFACE-12330-BOTTOM	2.4401	0.9420	3.9383	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12331-BOTTOM-12330-SURFACE	-2.8031	-4.6870	-0.9192	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12333-BOTTOM-12330-SURFACE	-4.7735	-6.6574	-2.8895	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-BOTTOM-12330-SURFACE	-6.0360	-7.4068	-4.6652	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12331-SURFACE-12331-BOTTOM	3.0704	0.7858	5.3550	2e-04
00300	Dissolved Oxygen (mg/L)	LBJ	12333-SURFACE-12331-BOTTOM	3.3148	1.0302	5.5994	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-BOTTOM-12331-BOTTOM	-3.2329	-5.1168	-1.3490	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-SURFACE-12331-BOTTOM	3.0604	1.1765	4.9444	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12383-SURFACE-12331-BOTTOM	3.6157	1.6980	5.5333	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12386-SURFACE-12331-BOTTOM	3.7263	1.8086	5.6439	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12388-SURFACE-12331-BOTTOM	3.7606	1.6105	5.9107	<0.0001

00300	Dissolved Oxygen (mg/L)	LBJ	16701-SURFACE-12331-BOTTOM	2.8167	0.2624	5.3709	0.0126
00300	Dissolved Oxygen (mg/L)	LBJ	17470-SURFACE-12331-BOTTOM	4.2988	1.7852	6.8124	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	18710-SURFACE-12331-BOTTOM	2.4259	0.4474	4.4045	0.0019
00300	Dissolved Oxygen (mg/L)	LBJ	12333-BOTTOM-12331-SURFACE	-5.0407	-7.3253	-2.7561	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-BOTTOM-12331-SURFACE	-6.3033	-8.1872	-4.4193	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12333-SURFACE-12333-BOTTOM	5.2852	3.0006	7.5698	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12336-SURFACE-12333-BOTTOM	5.0308	3.1469	6.9147	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12383-SURFACE-12333-BOTTOM	5.5860	3.6684	7.5037	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12386-SURFACE-12333-BOTTOM	5.6966	3.7790	7.6143	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12388-SURFACE-12333-BOTTOM	5.7310	3.5809	7.8811	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	13550-SURFACE-12333-BOTTOM	4.0101	1.5677	6.4524	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	14231-SURFACE-12333-BOTTOM	3.9644	1.8397	6.0890	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	16701-SURFACE-12333-BOTTOM	4.7870	2.2328	7.3413	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17425-SURFACE-12333-BOTTOM	4.1943	1.3606	7.0280	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17470-SURFACE-12333-BOTTOM	6.2692	3.7556	8.7828	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17471-SURFACE-12333-BOTTOM	4.3060	1.7924	6.8197	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	18197-SURFACE-12333-BOTTOM	3.9575	1.7640	6.1511	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	18710-SURFACE-12333-BOTTOM	4.3963	2.4178	6.3748	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	21548-SURFACE-12333-BOTTOM	3.0137	0.7688	5.2585	2e-04
00300	Dissolved Oxygen (mg/L)	LBJ	21812-SURFACE-12333-BOTTOM	3.2481	0.8058	5.6905	3e-04
00300	Dissolved Oxygen (mg/L)	LBJ	12336-BOTTOM-12333-SURFACE	-6.5477	-8.4316	-4.6638	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	21548-SURFACE-12333-SURFACE	-2.2715	-4.5164	-0.0267	0.0431
00300	Dissolved Oxygen (mg/L)	LBJ	12336-SURFACE-12336-BOTTOM	6.2933	4.9226	7.6641	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12383-SURFACE-12336-BOTTOM	6.8485	5.4318	8.2653	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12386-SURFACE-12336-BOTTOM	6.9592	5.5424	8.3759	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	12388-SURFACE-12336-BOTTOM	6.9935	5.2752	8.7119	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	13550-SURFACE-12336-BOTTOM	5.2726	3.2002	7.3450	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	14231-SURFACE-12336-BOTTOM	5.2269	3.5405	6.9133	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	16701-SURFACE-12336-BOTTOM	6.0496	3.8464	8.2527	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17425-SURFACE-12336-BOTTOM	5.4568	2.9350	7.9787	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17470-SURFACE-12336-BOTTOM	7.5317	5.3758	9.6876	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	17471-SURFACE-12336-BOTTOM	5.5686	3.4126	7.7245	<0.0001

00300	Dissolved Oxygen (mg/L)	LBJ	18197-SURFACE-12336-BOTTOM	5.2200	3.4476	6.9925	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	18710-SURFACE-12336-BOTTOM	5.6588	4.1607	7.1569	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	21548-SURFACE-12336-BOTTOM	4.2762	2.4406	6.1117	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	21812-SURFACE-12336-BOTTOM	4.5107	2.4383	6.5831	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	21548-SURFACE-12336-SURFACE	-2.0171	-3.8527	-0.1816	0.0133
00300	Dissolved Oxygen (mg/L)	LBJ	21548-SURFACE-12383-SURFACE	-2.5724	-4.4425	-0.7022	1e-04
00300	Dissolved Oxygen (mg/L)	LBJ	21812-SURFACE-12383-SURFACE	-2.3379	-4.4410	-0.2348	0.0111
00300	Dissolved Oxygen (mg/L)	LBJ	14231-SURFACE-12386-SURFACE	-1.7323	-3.4562	-0.0083	0.0471
00300	Dissolved Oxygen (mg/L)	LBJ	21548-SURFACE-12386-SURFACE	-2.6830	-4.5531	-0.8129	<0.0001
00300	Dissolved Oxygen (mg/L)	LBJ	21812-SURFACE-12386-SURFACE	-2.4485	-4.5516	-0.3454	0.005
00300	Dissolved Oxygen (mg/L)	LBJ	21548-SURFACE-12388-SURFACE	-2.7173	-4.8252	-0.6095	6e-04
00300	Dissolved Oxygen (mg/L)	LBJ	21812-SURFACE-12388-SURFACE	-2.4829	-4.7999	-0.1658	0.0196
00300	Dissolved Oxygen (mg/L)	LBJ	21548-SURFACE-17470-SURFACE	-3.2555	-5.7331	-0.7780	4e-04
00300	Dissolved Oxygen (mg/L)	LBJ	21812-SURFACE-17470-SURFACE	-3.0211	-5.6788	-0.3633	0.0077
00301	Dissolved Oxygen (% of saturation)	LBJ	12324-BOTTOM-12210-SURFACE	-94.7022	-109.2904	-80.1140	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12324-SURFACE-12210-SURFACE	-27.0063	-41.5945	-12.4180	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12327-BOTTOM-12210-SURFACE	-78.4306	-93.0188	-63.8423	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12327-SURFACE-12210-SURFACE	-22.9873	-37.5756	-8.3991	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12330-BOTTOM-12210-SURFACE	-58.7903	-73.4152	-44.1654	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12330-SURFACE-12210-SURFACE	-22.4314	-37.0563	-7.8065	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12331-BOTTOM-12210-SURFACE	-58.9883	-77.6690	-40.3076	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12331-SURFACE-12210-SURFACE	-20.3920	-39.0727	-1.7113	0.0153
00301	Dissolved Oxygen (% of saturation)	LBJ	12333-BOTTOM-12210-SURFACE	-81.2772	-99.9579	-62.5965	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-BOTTOM-12210-SURFACE	-94.4657	-109.0906	-79.8407	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-SURFACE-12210-SURFACE	-20.4752	-35.1002	-5.8503	1e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	14231-SURFACE-12210-SURFACE	-33.6198	-52.0944	-15.1451	<0.0001

00301	Dissolved Oxygen (% of saturation)	LBJ	17425-SURFACE-12210-SURFACE	-36.2775	-60.3570	-12.1979	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17471-SURFACE-12210-SURFACE	-31.5856	-52.5433	-10.6278	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	18197-SURFACE-12210-SURFACE	-33.8733	-52.3480	-15.3987	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	18710-SURFACE-12210-SURFACE	-32.1121	-47.7935	-16.4306	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-12210-SURFACE	-43.8376	-62.3123	-25.3630	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21812-SURFACE-12210-SURFACE	-41.8998	-62.4909	-21.3086	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12324-BOTTOM-12214-SURFACE	-84.0724	-97.2891	-70.8558	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12324-SURFACE-12214-SURFACE	-16.3765	-29.5931	-3.1599	0.0017
00301	Dissolved Oxygen (% of saturation)	LBJ	12327-BOTTOM-12214-SURFACE	-67.8008	-81.0174	-54.5842	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12330-BOTTOM-12214-SURFACE	-48.1605	-61.4177	-34.9034	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12331-BOTTOM-12214-SURFACE	-48.3585	-65.9889	-30.7281	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12333-BOTTOM-12214-SURFACE	-70.6474	-88.2778	-53.0170	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-BOTTOM-12214-SURFACE	-83.8359	-97.0930	-70.5788	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	14231-SURFACE-12214-SURFACE	-22.9900	-40.4019	-5.5781	4e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	17425-SURFACE-12214-SURFACE	-25.6477	-48.9219	-2.3735	0.0133
00301	Dissolved Oxygen (% of saturation)	LBJ	17471-SURFACE-12214-SURFACE	-20.9558	-40.9830	-0.9286	0.0281
00301	Dissolved Oxygen (% of saturation)	LBJ	18197-SURFACE-12214-SURFACE	-23.2436	-40.6555	-5.8317	3e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	18710-SURFACE-12214-SURFACE	-21.4823	-35.8965	-7.0681	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-12214-SURFACE	-33.2079	-50.6198	-15.7959	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21812-SURFACE-12214-SURFACE	-31.2700	-50.9133	-11.6267	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12324-SURFACE-12324-BOTTOM	67.6959	55.1888	80.2031	<0.0001

00301	Dissolved Oxygen (% of saturation)	LBJ	12327-BOTTOM-12324-BOTTOM	16.2716	3.7645	28.7788	6e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	12327-SURFACE-12324-BOTTOM	71.7149	59.2077	84.2220	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12330-BOTTOM-12324-BOTTOM	35.9119	23.3620	48.4618	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12330-SURFACE-12324-BOTTOM	72.2708	59.7209	84.8207	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12331-BOTTOM-12324-BOTTOM	35.7139	18.6089	52.8189	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12331-SURFACE-12324-BOTTOM	74.3102	57.2052	91.4152	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12333-SURFACE-12324-BOTTOM	78.9547	61.8497	96.0596	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-SURFACE-12324-BOTTOM	74.2270	61.6770	86.7769	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12383-SURFACE-12324-BOTTOM	83.0590	70.0725	96.0455	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12386-SURFACE-12324-BOTTOM	84.4090	71.4225	97.3955	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	14231-SURFACE-12324-BOTTOM	61.0824	44.2027	77.9621	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17425-SURFACE-12324-BOTTOM	58.4247	35.5460	81.3035	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17470-SURFACE-12324-BOTTOM	88.1377	68.5714	107.7040	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17471-SURFACE-12324-BOTTOM	63.1166	43.5503	82.6829	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	18197-SURFACE-12324-BOTTOM	60.8289	43.9491	77.7086	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	18710-SURFACE-12324-BOTTOM	62.5901	48.8235	76.3568	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-12324-BOTTOM	50.8646	33.9849	67.7443	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21812-SURFACE-12324-BOTTOM	52.8024	33.6293	71.9756	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12327-BOTTOM-12324-SURFACE	-51.4243	-63.9315	-38.9172	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12330-BOTTOM-12324-SURFACE	-31.7841	-44.3340	-19.2341	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12331-BOTTOM-12324-SURFACE	-31.9820	-49.0870	-14.8770	<0.0001

00301	Dissolved Oxygen (% of saturation)	LBJ	12333-BOTTOM-12324-SURFACE	-54.2709	-71.3759	-37.1659	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-BOTTOM-12324-SURFACE	-67.4594	-80.0093	-54.9095	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12383-SURFACE-12324-SURFACE	15.3630	2.3765	28.3496	0.0041
00301	Dissolved Oxygen (% of saturation)	LBJ	12386-SURFACE-12324-SURFACE	16.7130	3.7265	29.6996	8e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	17470-SURFACE-12324-SURFACE	20.4417	0.8754	40.0080	0.0286
00301	Dissolved Oxygen (% of saturation)	LBJ	12327-SURFACE-12327-BOTTOM	55.4432	42.9361	67.9504	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12330-BOTTOM-12327-BOTTOM	19.6403	7.0903	32.1902	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12330-SURFACE-12327-BOTTOM	55.9992	43.4492	68.5491	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12331-BOTTOM-12327-BOTTOM	19.4423	2.3373	36.5473	0.0081
00301	Dissolved Oxygen (% of saturation)	LBJ	12331-SURFACE-12327-BOTTOM	58.0386	40.9336	75.1436	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12333-SURFACE-12327-BOTTOM	62.6830	45.5780	79.7880	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-BOTTOM-12327-BOTTOM	-16.0351	-28.5850	-3.4852	9e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-SURFACE-12327-BOTTOM	57.9553	45.4054	70.5053	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12383-SURFACE-12327-BOTTOM	66.7874	53.8008	79.7739	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12386-SURFACE-12327-BOTTOM	68.1374	55.1508	81.1239	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	14231-SURFACE-12327-BOTTOM	44.8108	27.9311	61.6905	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17425-SURFACE-12327-BOTTOM	42.1531	19.2744	65.0319	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17470-SURFACE-12327-BOTTOM	71.8661	52.2998	91.4324	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17471-SURFACE-12327-BOTTOM	46.8450	27.2787	66.4113	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	18197-SURFACE-12327-BOTTOM	44.5572	27.6775	61.4370	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	18710-SURFACE-12327-BOTTOM	46.3185	32.5519	60.0851	<0.0001

00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-12327-BOTTOM	34.5930	17.7132	51.4727	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21812-SURFACE-12327-BOTTOM	36.5308	17.3577	55.7039	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12330-BOTTOM-12327-SURFACE	-35.8030	-48.3529	-23.2531	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12331-BOTTOM-12327-SURFACE	-36.0010	-53.1059	-18.8960	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12333-BOTTOM-12327-SURFACE	-58.2898	-75.3948	-41.1848	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-BOTTOM-12327-SURFACE	-71.4783	-84.0283	-58.9284	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-12327-SURFACE	-20.8503	-37.7300	-3.9706	0.0018
00301	Dissolved Oxygen (% of saturation)	LBJ	12330-SURFACE-12330-BOTTOM	36.3589	23.7664	48.9514	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12331-SURFACE-12330-BOTTOM	38.3983	21.2620	55.5346	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12333-BOTTOM-12330-BOTTOM	-22.4869	-39.6231	-5.3506	5e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	12333-SURFACE-12330-BOTTOM	43.0428	25.9065	60.1791	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-BOTTOM-12330-BOTTOM	-35.6753	-48.2679	-23.0828	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-SURFACE-12330-BOTTOM	38.3151	25.7225	50.9076	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12383-SURFACE-12330-BOTTOM	47.1471	34.1194	60.1748	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12386-SURFACE-12330-BOTTOM	48.4971	35.4694	61.5248	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	14231-SURFACE-12330-BOTTOM	25.1705	8.2591	42.0820	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17470-SURFACE-12330-BOTTOM	52.2258	32.6322	71.8195	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17471-SURFACE-12330-BOTTOM	27.2048	7.6111	46.7984	1e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	18197-SURFACE-12330-BOTTOM	24.9170	8.0056	41.8284	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	18710-SURFACE-12330-BOTTOM	26.6782	12.8728	40.4837	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12331-BOTTOM-12330-SURFACE	-36.5569	-53.6932	-19.4206	<0.0001

00301	Dissolved Oxygen (% of saturation)	LBJ	12333-BOTTOM-12330-SURFACE	-58.8458	-75.9820	-41.7095	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-BOTTOM-12330-SURFACE	-72.0342	-84.6268	-59.4417	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-12330-SURFACE	-21.4062	-38.3176	-4.4948	0.0011
00301	Dissolved Oxygen (% of saturation)	LBJ	21812-SURFACE-12330-SURFACE	-19.4684	-38.6694	-0.2673	0.0422
00301	Dissolved Oxygen (% of saturation)	LBJ	12331-SURFACE-12331-BOTTOM	38.5963	17.8904	59.3021	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12333-BOTTOM-12331-BOTTOM	-22.2889	-42.9947	-1.5830	0.0189
00301	Dissolved Oxygen (% of saturation)	LBJ	12333-SURFACE-12331-BOTTOM	43.2407	22.5349	63.9466	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-BOTTOM-12331-BOTTOM	-35.4774	-52.6137	-18.3411	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-SURFACE-12331-BOTTOM	38.5130	21.3768	55.6493	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12383-SURFACE-12331-BOTTOM	47.3451	29.8865	64.8037	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12386-SURFACE-12331-BOTTOM	48.6951	31.2365	66.1537	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	14231-SURFACE-12331-BOTTOM	25.3685	4.8484	45.8887	0.0018
00301	Dissolved Oxygen (% of saturation)	LBJ	17470-SURFACE-12331-BOTTOM	52.4238	29.6424	75.2052	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17471-SURFACE-12331-BOTTOM	27.4027	4.6213	50.1841	0.003
00301	Dissolved Oxygen (% of saturation)	LBJ	18197-SURFACE-12331-BOTTOM	25.1149	4.5948	45.6351	0.0021
00301	Dissolved Oxygen (% of saturation)	LBJ	18710-SURFACE-12331-BOTTOM	26.8762	8.8298	44.9226	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12333-BOTTOM-12331-SURFACE	-60.8852	-81.5910	-40.1793	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-BOTTOM-12331-SURFACE	-74.0737	-91.2099	-56.9374	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-12331-SURFACE	-23.4456	-43.9658	-2.9255	0.0074
00301	Dissolved Oxygen (% of saturation)	LBJ	12333-SURFACE-12333-BOTTOM	65.5296	44.8238	86.2355	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-SURFACE-12333-BOTTOM	60.8019	43.6656	77.9382	<0.0001

00301	Dissolved Oxygen (% of saturation)	LBJ	12383-SURFACE-12333-BOTTOM	69.6340	52.1754	87.0925	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12386-SURFACE-12333-BOTTOM	70.9840	53.5254	88.4425	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	14231-SURFACE-12333-BOTTOM	47.6574	27.1373	68.1775	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17425-SURFACE-12333-BOTTOM	44.9997	19.3173	70.6822	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17470-SURFACE-12333-BOTTOM	74.7127	51.9313	97.4941	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17471-SURFACE-12333-BOTTOM	49.6916	26.9102	72.4730	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	18197-SURFACE-12333-BOTTOM	47.4038	26.8837	67.9240	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	18710-SURFACE-12333-BOTTOM	49.1651	31.1187	67.2115	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-12333-BOTTOM	37.4396	16.9194	57.9597	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21812-SURFACE-12333-BOTTOM	39.3774	16.9328	61.8220	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-BOTTOM-12333-SURFACE	-78.7181	-95.8544	-61.5818	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-12333-SURFACE	-28.0901	-48.6102	-7.5699	2e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	21812-SURFACE-12333-SURFACE	-26.1522	-48.5968	-3.7076	0.0053
00301	Dissolved Oxygen (% of saturation)	LBJ	12336-SURFACE-12336-BOTTOM	73.9904	61.3979	86.5830	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12383-SURFACE-12336-BOTTOM	82.8225	69.7947	95.8502	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	12386-SURFACE-12336-BOTTOM	84.1725	71.1447	97.2002	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	14231-SURFACE-12336-BOTTOM	60.8459	43.9345	77.7573	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17425-SURFACE-12336-BOTTOM	58.1882	35.2861	81.0903	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17470-SURFACE-12336-BOTTOM	87.9012	68.3075	107.4948	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17471-SURFACE-12336-BOTTOM	62.8801	43.2864	82.4738	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	18197-SURFACE-12336-BOTTOM	60.5923	43.6809	77.5037	<0.0001

00301	Dissolved Oxygen (% of saturation)	LBJ	18710-SURFACE-12336-BOTTOM	62.3536	48.5481	76.1591	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-12336-BOTTOM	50.6280	33.7166	67.5395	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21812-SURFACE-12336-BOTTOM	52.5659	33.3648	71.7669	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-12336-SURFACE	-23.3624	-40.2738	-6.4510	1e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	21812-SURFACE-12336-SURFACE	-21.4245	-40.6256	-2.2235	0.0109
00301	Dissolved Oxygen (% of saturation)	LBJ	14231-SURFACE-12383-SURFACE	-21.9766	-39.2145	-4.7386	9e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	17425-SURFACE-12383-SURFACE	-24.6343	-47.7785	-1.4900	0.0222
00301	Dissolved Oxygen (% of saturation)	LBJ	17471-SURFACE-12383-SURFACE	-19.9424	-39.8185	-0.0662	0.048
00301	Dissolved Oxygen (% of saturation)	LBJ	18197-SURFACE-12383-SURFACE	-22.2301	-39.4681	-4.9922	7e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	18710-SURFACE-12383-SURFACE	-20.4689	-34.6724	-6.2653	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-12383-SURFACE	-32.1944	-49.4323	-14.9565	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21812-SURFACE-12383-SURFACE	-30.2566	-49.7458	-10.7673	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	14231-SURFACE-12386-SURFACE	-23.3266	-40.5645	-6.0886	2e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	17425-SURFACE-12386-SURFACE	-25.9843	-49.1285	-2.8400	0.0099
00301	Dissolved Oxygen (% of saturation)	LBJ	17471-SURFACE-12386-SURFACE	-21.2924	-41.1685	-1.4162	0.0202
00301	Dissolved Oxygen (% of saturation)	LBJ	18197-SURFACE-12386-SURFACE	-23.5801	-40.8181	-6.3422	2e-04
00301	Dissolved Oxygen (% of saturation)	LBJ	18710-SURFACE-12386-SURFACE	-21.8189	-36.0224	-7.6153	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-12386-SURFACE	-33.5444	-50.7823	-16.3065	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21812-SURFACE-12386-SURFACE	-31.6066	-51.0958	-12.1173	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	17470-SURFACE-14231-SURFACE	27.0553	4.4425	49.6680	0.0033
00301	Dissolved Oxygen (% of saturation)	LBJ	17470-SURFACE-17425-SURFACE	29.7130	2.3296	57.0963	0.0168

00301	Dissolved Oxygen (% of saturation)	LBJ	17471-SURFACE-17470-SURFACE	-25.0211	-49.7041	-0.3380	0.0423
00301	Dissolved Oxygen (% of saturation)	LBJ	18197-SURFACE-17470-SURFACE	-27.3088	-49.9216	-4.6961	0.0028
00301	Dissolved Oxygen (% of saturation)	LBJ	18710-SURFACE-17470-SURFACE	-25.5476	-45.9420	-5.1532	0.0013
00301	Dissolved Oxygen (% of saturation)	LBJ	21548-SURFACE-17470-SURFACE	-37.2731	-59.8859	-14.6604	<0.0001
00301	Dissolved Oxygen (% of saturation)	LBJ	21812-SURFACE-17470-SURFACE	-35.3353	-59.7078	-10.9627	<0.0001
00400	pH (Standard Units)	LBJ	12324-BOTTOM-12210-SURFACE	-0.6383	-0.9595	-0.3171	<0.0001
00400	pH (Standard Units)	LBJ	12336-BOTTOM-12210-SURFACE	-0.5139	-0.8359	-0.1919	<0.0001
00400	pH (Standard Units)	LBJ	18710-SURFACE-12210-SURFACE	-2.1029	-2.4473	-1.7586	<0.0001
00400	pH (Standard Units)	LBJ	12324-BOTTOM-12214-SURFACE	-0.9611	-1.2512	-0.6709	<0.0001
00400	pH (Standard Units)	LBJ	12327-BOTTOM-12214-SURFACE	-0.6256	-0.9157	-0.3354	<0.0001
00400	pH (Standard Units)	LBJ	12330-BOTTOM-12214-SURFACE	-0.4314	-0.7224	-0.1404	<0.0001
00400	pH (Standard Units)	LBJ	12331-BOTTOM-12214-SURFACE	-0.4035	-0.7945	-0.0126	0.0332
00400	pH (Standard Units)	LBJ	12333-BOTTOM-12214-SURFACE	-0.6628	-1.0537	-0.2718	<0.0001
00400	pH (Standard Units)	LBJ	12336-BOTTOM-12214-SURFACE	-0.8367	-1.1277	-0.5457	<0.0001
00400	pH (Standard Units)	LBJ	13550-SURFACE-12214-SURFACE	-0.4697	-0.8977	-0.0416	0.0137
00400	pH (Standard Units)	LBJ	17425-SURFACE-12214-SURFACE	-0.5656	-1.0828	-0.0484	0.0144
00400	pH (Standard Units)	LBJ	17471-SURFACE-12214-SURFACE	-0.4992	-0.9438	-0.0546	0.0094
00400	pH (Standard Units)	LBJ	18197-SURFACE-12214-SURFACE	-0.3887	-0.7578	-0.0197	0.0251
00400	pH (Standard Units)	LBJ	18710-SURFACE-12214-SURFACE	-2.4257	-2.7413	-2.1102	<0.0001
00400	pH (Standard Units)	LBJ	21548-SURFACE-12214-SURFACE	-0.5922	-0.9736	-0.2107	<0.0001
00400	pH (Standard Units)	LBJ	21812-SURFACE-12214-SURFACE	-0.4887	-0.9168	-0.0606	0.0071
00400	pH (Standard Units)	LBJ	12324-SURFACE-12324-BOTTOM	0.7829	0.5079	1.0579	<0.0001
00400	pH (Standard Units)	LBJ	12327-BOTTOM-12324-BOTTOM	0.3355	0.0605	0.6106	0.0021
00400	pH (Standard Units)	LBJ	12327-SURFACE-12324-BOTTOM	0.8684	0.5934	1.1435	<0.0001
00400	pH (Standard Units)	LBJ	12330-BOTTOM-12324-BOTTOM	0.5297	0.2537	0.8057	<0.0001
00400	pH (Standard Units)	LBJ	12330-SURFACE-12324-BOTTOM	0.8270	0.5511	1.1030	<0.0001
00400	pH (Standard Units)	LBJ	12331-BOTTOM-12324-BOTTOM	0.5576	0.1777	0.9374	<0.0001
00400	pH (Standard Units)	LBJ	12331-SURFACE-12324-BOTTOM	0.8650	0.4851	1.2448	<0.0001
00400	pH (Standard Units)	LBJ	12333-SURFACE-12324-BOTTOM	0.8798	0.4999	1.2596	<0.0001
00400	pH (Standard Units)	LBJ	12336-SURFACE-12324-BOTTOM	0.8404	0.5644	1.1163	<0.0001

00400	pH (Standard Units)	LBJ	12383-SURFACE-12324-BOTTOM	0.9375	0.6522	1.2228	<0.0001
00400	pH (Standard Units)	LBJ	12386-SURFACE-12324-BOTTOM	0.9118	0.6265	1.1970	<0.0001
00400	pH (Standard Units)	LBJ	12388-SURFACE-12324-BOTTOM	1.0039	0.6671	1.3408	<0.0001
00400	pH (Standard Units)	LBJ	13550-SURFACE-12324-BOTTOM	0.4914	0.0734	0.9094	0.0042
00400	pH (Standard Units)	LBJ	14231-SURFACE-12324-BOTTOM	0.6589	0.3190	0.9987	<0.0001
00400	pH (Standard Units)	LBJ	16701-SURFACE-12324-BOTTOM	0.6390	0.1946	1.0835	<0.0001
00400	pH (Standard Units)	LBJ	17470-SURFACE-12324-BOTTOM	0.9829	0.5480	1.4178	<0.0001
00400	pH (Standard Units)	LBJ	17471-SURFACE-12324-BOTTOM	0.4618	0.0270	0.8967	0.0223
00400	pH (Standard Units)	LBJ	18197-SURFACE-12324-BOTTOM	0.5724	0.2151	0.9297	<0.0001
00400	pH (Standard Units)	LBJ	18710-SURFACE-12324-BOTTOM	-1.4647	-1.7664	-1.1629	<0.0001
00400	pH (Standard Units)	LBJ	21812-SURFACE-12324-BOTTOM	0.4724	0.0544	0.8904	0.0085
00400	pH (Standard Units)	LBJ	12327-BOTTOM-12324-SURFACE	-0.4474	-0.7224	-0.1723	<0.0001
00400	pH (Standard Units)	LBJ	12333-BOTTOM-12324-SURFACE	-0.4846	-0.8645	-0.1047	8e-04
00400	pH (Standard Units)	LBJ	12336-BOTTOM-12324-SURFACE	-0.6585	-0.9345	-0.3826	<0.0001
00400	pH (Standard Units)	LBJ	18710-SURFACE-12324-SURFACE	-2.2476	-2.5493	-1.9458	<0.0001
00400	pH (Standard Units)	LBJ	21548-SURFACE-12324-SURFACE	-0.4140	-0.7840	-0.0439	0.01
00400	pH (Standard Units)	LBJ	12327-SURFACE-12327-BOTTOM	0.5329	0.2579	0.8079	<0.0001
00400	pH (Standard Units)	LBJ	12330-SURFACE-12327-BOTTOM	0.4915	0.2155	0.7675	<0.0001
00400	pH (Standard Units)	LBJ	12331-SURFACE-12327-BOTTOM	0.5294	0.1496	0.9093	1e-04
00400	pH (Standard Units)	LBJ	12333-SURFACE-12327-BOTTOM	0.5442	0.1644	0.9241	<0.0001
00400	pH (Standard Units)	LBJ	12336-SURFACE-12327-BOTTOM	0.5048	0.2289	0.7808	<0.0001
00400	pH (Standard Units)	LBJ	12383-SURFACE-12327-BOTTOM	0.6020	0.3167	0.8873	<0.0001
00400	pH (Standard Units)	LBJ	12386-SURFACE-12327-BOTTOM	0.5762	0.2910	0.8615	<0.0001
00400	pH (Standard Units)	LBJ	12388-SURFACE-12327-BOTTOM	0.6684	0.3316	1.0053	<0.0001
00400	pH (Standard Units)	LBJ	17470-SURFACE-12327-BOTTOM	0.6474	0.2125	1.0823	<0.0001
00400	pH (Standard Units)	LBJ	18710-SURFACE-12327-BOTTOM	-1.8002	-2.1020	-1.4984	<0.0001
00400	pH (Standard Units)	LBJ	12330-BOTTOM-12327-SURFACE	-0.3387	-0.6147	-0.0628	0.0018
00400	pH (Standard Units)	LBJ	12333-BOTTOM-12327-SURFACE	-0.5701	-0.9500	-0.1903	<0.0001
00400	pH (Standard Units)	LBJ	12336-BOTTOM-12327-SURFACE	-0.7441	-1.0200	-0.4681	<0.0001
00400	pH (Standard Units)	LBJ	18710-SURFACE-12327-SURFACE	-2.3331	-2.6348	-2.0313	<0.0001
00400	pH (Standard Units)	LBJ	21548-SURFACE-12327-SURFACE	-0.4995	-0.8696	-0.1294	2e-04
00400	pH (Standard Units)	LBJ	12330-SURFACE-12330-BOTTOM	0.2973	0.0205	0.5742	0.019

00400	pH (Standard Units)	LBJ	12336-BOTTOM-12330-BOTTOM	-0.4053	-0.6822	-0.1285	<0.0001
00400	pH (Standard Units)	LBJ	12336-SURFACE-12330-BOTTOM	0.3107	0.0338	0.5875	0.0095
00400	pH (Standard Units)	LBJ	12383-SURFACE-12330-BOTTOM	0.4078	0.1217	0.6940	1e-04
00400	pH (Standard Units)	LBJ	12386-SURFACE-12330-BOTTOM	0.3821	0.0959	0.6682	3e-04
00400	pH (Standard Units)	LBJ	12388-SURFACE-12330-BOTTOM	0.4742	0.1366	0.8119	1e-04
00400	pH (Standard Units)	LBJ	17470-SURFACE-12330-BOTTOM	0.4532	0.0177	0.8887	0.0297
00400	pH (Standard Units)	LBJ	18710-SURFACE-12330-BOTTOM	-1.9944	-2.2970	-1.6918	<0.0001
00400	pH (Standard Units)	LBJ	12333-BOTTOM-12330-SURFACE	-0.5287	-0.9093	-0.1482	1e-04
00400	pH (Standard Units)	LBJ	12336-BOTTOM-12330-SURFACE	-0.7027	-0.9795	-0.4258	<0.0001
00400	pH (Standard Units)	LBJ	18710-SURFACE-12330-SURFACE	-2.2917	-2.5943	-1.9891	<0.0001
00400	pH (Standard Units)	LBJ	21548-SURFACE-12330-SURFACE	-0.4581	-0.8289	-0.0874	0.0016
00400	pH (Standard Units)	LBJ	12336-BOTTOM-12331-BOTTOM	-0.4332	-0.8137	-0.0527	0.0075
00400	pH (Standard Units)	LBJ	12388-SURFACE-12331-BOTTOM	0.4464	0.0196	0.8731	0.0277
00400	pH (Standard Units)	LBJ	18710-SURFACE-12331-BOTTOM	-2.0222	-2.4219	-1.6226	<0.0001
00400	pH (Standard Units)	LBJ	12333-BOTTOM-12331-SURFACE	-0.5667	-1.0281	-0.1052	0.0018
00400	pH (Standard Units)	LBJ	12336-BOTTOM-12331-SURFACE	-0.7406	-1.1211	-0.3601	<0.0001
00400	pH (Standard Units)	LBJ	18710-SURFACE-12331-SURFACE	-2.3296	-2.7293	-1.9300	<0.0001
00400	pH (Standard Units)	LBJ	21548-SURFACE-12331-SURFACE	-0.4960	-0.9495	-0.0426	0.0143
00400	pH (Standard Units)	LBJ	12333-SURFACE-12333-BOTTOM	0.5815	0.1200	1.0429	0.0011
00400	pH (Standard Units)	LBJ	12336-SURFACE-12333-BOTTOM	0.5421	0.1616	0.9226	1e-04
00400	pH (Standard Units)	LBJ	12383-SURFACE-12333-BOTTOM	0.6392	0.2519	1.0266	<0.0001
00400	pH (Standard Units)	LBJ	12386-SURFACE-12333-BOTTOM	0.6135	0.2261	1.0008	<0.0001
00400	pH (Standard Units)	LBJ	12388-SURFACE-12333-BOTTOM	0.7057	0.2789	1.1324	<0.0001
00400	pH (Standard Units)	LBJ	17470-SURFACE-12333-BOTTOM	0.6846	0.1769	1.1923	2e-04
00400	pH (Standard Units)	LBJ	18710-SURFACE-12333-BOTTOM	-1.7630	-2.1626	-1.3633	<0.0001
00400	pH (Standard Units)	LBJ	12336-BOTTOM-12333-SURFACE	-0.7554	-1.1359	-0.3749	<0.0001
00400	pH (Standard Units)	LBJ	18710-SURFACE-12333-SURFACE	-2.3444	-2.7441	-1.9448	<0.0001
00400	pH (Standard Units)	LBJ	21548-SURFACE-12333-SURFACE	-0.5109	-0.9643	-0.0574	0.0089
00400	pH (Standard Units)	LBJ	12336-SURFACE-12336-BOTTOM	0.7160	0.4391	0.9929	<0.0001
00400	pH (Standard Units)	LBJ	12383-SURFACE-12336-BOTTOM	0.8132	0.5270	1.0993	<0.0001
00400	pH (Standard Units)	LBJ	12386-SURFACE-12336-BOTTOM	0.7874	0.5012	1.0735	<0.0001
00400	pH (Standard Units)	LBJ	12388-SURFACE-12336-BOTTOM	0.8796	0.5420	1.2172	<0.0001

00400	pH (Standard Units)	LBJ	14231-SURFACE-12336-BOTTOM	0.5345	0.1939	0.8751	<0.0001
00400	pH (Standard Units)	LBJ	16701-SURFACE-12336-BOTTOM	0.5147	0.0697	0.9597	0.0057
00400	pH (Standard Units)	LBJ	17470-SURFACE-12336-BOTTOM	0.8585	0.4231	1.2940	<0.0001
00400	pH (Standard Units)	LBJ	18197-SURFACE-12336-BOTTOM	0.4480	0.0900	0.8060	0.0012
00400	pH (Standard Units)	LBJ	18710-SURFACE-12336-BOTTOM	-1.5890	-1.8916	-1.2864	<0.0001
00400	pH (Standard Units)	LBJ	18710-SURFACE-12336-SURFACE	-2.3050	-2.6076	-2.0024	<0.0001
00400	pH (Standard Units)	LBJ	21548-SURFACE-12336-SURFACE	-0.4714	-0.8422	-0.1007	9e-04
00400	pH (Standard Units)	LBJ	13550-SURFACE-12383-SURFACE	-0.4461	-0.8709	-0.0213	0.0262
00400	pH (Standard Units)	LBJ	17425-SURFACE-12383-SURFACE	-0.5421	-1.0565	-0.0276	0.025
00400	pH (Standard Units)	LBJ	17471-SURFACE-12383-SURFACE	-0.4757	-0.9171	-0.0343	0.018
00400	pH (Standard Units)	LBJ	18710-SURFACE-12383-SURFACE	-2.4022	-2.7133	-2.0911	<0.0001
00400	pH (Standard Units)	LBJ	21548-SURFACE-12383-SURFACE	-0.5686	-0.9463	-0.1909	<0.0001
00400	pH (Standard Units)	LBJ	21812-SURFACE-12383-SURFACE	-0.4652	-0.8899	-0.0404	0.0141
00400	pH (Standard Units)	LBJ	17425-SURFACE-12386-SURFACE	-0.5163	-1.0308	-0.0018	0.0478
00400	pH (Standard Units)	LBJ	17471-SURFACE-12386-SURFACE	-0.4499	-0.8913	-0.0085	0.0393
00400	pH (Standard Units)	LBJ	18710-SURFACE-12386-SURFACE	-2.3764	-2.6875	-2.0653	<0.0001
00400	pH (Standard Units)	LBJ	21548-SURFACE-12386-SURFACE	-0.5428	-0.9206	-0.1651	<0.0001
00400	pH (Standard Units)	LBJ	21812-SURFACE-12386-SURFACE	-0.4394	-0.8642	-0.0146	0.0323
00400	pH (Standard Units)	LBJ	13550-SURFACE-12388-SURFACE	-0.5125	-0.9735	-0.0515	0.0111
00400	pH (Standard Units)	LBJ	17425-SURFACE-12388-SURFACE	-0.6085	-1.1533	-0.0637	0.0103
00400	pH (Standard Units)	LBJ	17471-SURFACE-12388-SURFACE	-0.5421	-1.0185	-0.0657	0.0075
00400	pH (Standard Units)	LBJ	18197-SURFACE-12388-SURFACE	-0.4316	-0.8384	-0.0248	0.0227
00400	pH (Standard Units)	LBJ	18710-SURFACE-12388-SURFACE	-2.4686	-2.8276	-2.1096	<0.0001
00400	pH (Standard Units)	LBJ	21548-SURFACE-12388-SURFACE	-0.6350	-1.0531	-0.2170	<0.0001
00400	pH (Standard Units)	LBJ	21812-SURFACE-12388-SURFACE	-0.5316	-0.9926	-0.0706	0.006
00400	pH (Standard Units)	LBJ	18710-SURFACE-13550-SURFACE	-1.9561	-2.3921	-1.5201	<0.0001
00400	pH (Standard Units)	LBJ	18710-SURFACE-14231-SURFACE	-2.1235	-2.4854	-1.7617	<0.0001
00400	pH (Standard Units)	LBJ	18710-SURFACE-16701-SURFACE	-2.1037	-2.5652	-1.6423	<0.0001
00400	pH (Standard Units)	LBJ	18710-SURFACE-17425-SURFACE	-1.8601	-2.3839	-1.3363	<0.0001
00400	pH (Standard Units)	LBJ	18710-SURFACE-17470-SURFACE	-2.4476	-2.8998	-1.9953	<0.0001
00400	pH (Standard Units)	LBJ	21548-SURFACE-17470-SURFACE	-0.6140	-1.1144	-0.1136	0.0018
00400	pH (Standard Units)	LBJ	18710-SURFACE-17471-SURFACE	-1.9265	-2.3788	-1.4743	<0.0001

00400	pH (Standard Units)	LBJ	18710-SURFACE-18197-SURFACE	-2.0370	-2.4153	-1.6588	<0.0001
00400	pH (Standard Units)	LBJ	21548-SURFACE-18710-SURFACE	1.8336	1.4433	2.2239	<0.0001
00400	pH (Standard Units)	LBJ	21812-SURFACE-18710-SURFACE	1.9370	1.5010	2.3731	<0.0001
00610	Ammonia (mg/L)	LBJ	12324-BOTTOM-12210-SURFACE	0.9465	0.4946	1.3985	<0.0001
00610	Ammonia (mg/L)	LBJ	12324-SURFACE-12324-BOTTOM	-0.9434	-1.3311	-0.5556	<0.0001
00610	Ammonia (mg/L)	LBJ	12336-BOTTOM-12324-BOTTOM	-0.5727	-0.9630	-0.1824	4e-04
00610	Ammonia (mg/L)	LBJ	12336-SURFACE-12324-BOTTOM	-0.9508	-1.3398	-0.5618	<0.0001
00610	Ammonia (mg/L)	LBJ	18197-SURFACE-12324-BOTTOM	-0.9324	-1.4463	-0.4186	<0.0001
00620	Nitrate (mg/L)	LBJ	16701-SURFACE-12210-SURFACE	0.3472	0.0470	0.6474	0.0094
00620	Nitrate (mg/L)	LBJ	18197-SURFACE-12210-SURFACE	0.4044	0.1872	0.6215	<0.0001
00620	Nitrate (mg/L)	LBJ	16701-SURFACE-12330-BOTTOM	0.4092	0.1235	0.6949	3e-04
00620	Nitrate (mg/L)	LBJ	18197-SURFACE-12330-BOTTOM	0.4664	0.2698	0.6630	<0.0001
00620	Nitrate (mg/L)	LBJ	16701-SURFACE-12330-SURFACE	0.4603	0.1746	0.7460	<0.0001
00620	Nitrate (mg/L)	LBJ	18197-SURFACE-12330-SURFACE	0.5175	0.3209	0.7141	<0.0001
00620	Nitrate (mg/L)	LBJ	21812-SURFACE-12330-SURFACE	0.2853	0.0505	0.5201	0.0047
00620	Nitrate (mg/L)	LBJ	16701-SURFACE-12388-SURFACE	0.3929	0.0541	0.7317	0.0091
00620	Nitrate (mg/L)	LBJ	18197-SURFACE-12388-SURFACE	0.4501	0.1821	0.7181	<0.0001
00620	Nitrate (mg/L)	LBJ	16701-SURFACE-13550-SURFACE	0.3895	0.0392	0.7399	0.0157
00620	Nitrate (mg/L)	LBJ	18197-SURFACE-13550-SURFACE	0.4468	0.1643	0.7292	<0.0001
00620	Nitrate (mg/L)	LBJ	18197-SURFACE-14231-SURFACE	0.3662	0.1320	0.6005	<0.0001
00620	Nitrate (mg/L)	LBJ	17471-SURFACE-16701-SURFACE	-0.3531	-0.6992	-0.0069	0.0411
00620	Nitrate (mg/L)	LBJ	21548-SURFACE-16701-SURFACE	-0.4355	-0.7529	-0.1181	6e-04
00620	Nitrate (mg/L)	LBJ	18197-SURFACE-17471-SURFACE	0.4103	0.1331	0.6875	1e-04
00620	Nitrate (mg/L)	LBJ	21548-SURFACE-18197-SURFACE	-0.4927	-0.7331	-0.2523	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12324-BOTTOM-12210-SURFACE	1.0725	0.6477	1.4972	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12336-BOTTOM-12210-SURFACE	0.6456	0.2219	1.0693	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12324-SURFACE-12324-BOTTOM	-0.7501	-1.1134	-0.3868	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12327-BOTTOM-12324-BOTTOM	-0.7290	-1.0923	-0.3657	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12327-SURFACE-12324-BOTTOM	-0.8645	-1.2266	-0.5024	<0.0001

00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12330-BOTTOM-12324-BOTTOM	-0.8423	-1.2068	-0.4778	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12330-SURFACE-12324-BOTTOM	-0.8674	-1.2307	-0.5041	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12336-BOTTOM-12324-BOTTOM	-0.4269	-0.7914	-0.0623	0.006
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12336-SURFACE-12324-BOTTOM	-0.7930	-1.1640	-0.4220	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12383-SURFACE-12324-BOTTOM	-1.0189	-1.3942	-0.6435	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12386-SURFACE-12324-BOTTOM	-1.0039	-1.3823	-0.6255	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12388-SURFACE-12324-BOTTOM	-1.1013	-1.5472	-0.6553	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	13550-SURFACE-12324-BOTTOM	-1.1495	-1.7310	-0.5680	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	16701-SURFACE-12324-BOTTOM	-0.9747	-1.6399	-0.3095	1e-04
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	17425-SURFACE-12324-BOTTOM	-1.1278	-1.7930	-0.4626	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	18197-SURFACE-12324-BOTTOM	-1.1335	-1.6127	-0.6543	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12336-BOTTOM-12327-SURFACE	0.4377	0.0768	0.7985	0.0033
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12336-BOTTOM-12330-BOTTOM	0.4154	0.0521	0.7787	0.0087
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12336-BOTTOM-12330-SURFACE	0.4405	0.0785	0.8026	0.0032
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12383-SURFACE-12336-BOTTOM	-0.5920	-0.9661	-0.2179	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12386-SURFACE-12336-BOTTOM	-0.5770	-0.9542	-0.1998	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	12388-SURFACE-12336-BOTTOM	-0.6744	-1.1193	-0.2295	<0.0001
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	13550-SURFACE-12336-BOTTOM	-0.7226	-1.3033	-0.1419	0.0021
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	17425-SURFACE-12336-BOTTOM	-0.7009	-1.3655	-0.0364	0.0267
00625	Total Kjeldahl Nitrogen (mg/L)	LBJ	18197-SURFACE-12336-BOTTOM	-0.7066	-1.1849	-0.2283	<0.0001
00940	Chloride (mg/L)	LBJ	12214-SURFACE-12210-SURFACE	-8.3717	-14.5883	-2.1551	3e-04
00940	Chloride (mg/L)	LBJ	12336-BOTTOM-12210-SURFACE	16.1577	10.1689	22.1465	<0.0001

00940	Chloride (mg/L)	LBJ	12336-SURFACE-12210-SURFACE	16.4004	10.4116	22.3892	<0.0001
00940	Chloride (mg/L)	LBJ	12383-SURFACE-12210-SURFACE	-7.1864	-13.3243	-1.0484	0.005
00940	Chloride (mg/L)	LBJ	12386-SURFACE-12210-SURFACE	-9.0106	-15.1485	-2.8727	<0.0001
00940	Chloride (mg/L)	LBJ	12388-SURFACE-12210-SURFACE	-10.4544	-17.4890	-3.4199	<0.0001
00940	Chloride (mg/L)	LBJ	13550-SURFACE-12210-SURFACE	-16.7494	-25.1139	-8.3848	<0.0001
00940	Chloride (mg/L)	LBJ	14231-SURFACE-12210-SURFACE	-16.9053	-23.9928	-9.8178	<0.0001
00940	Chloride (mg/L)	LBJ	16701-SURFACE-12210-SURFACE	-15.7478	-24.4053	-7.0904	<0.0001
00940	Chloride (mg/L)	LBJ	17425-SURFACE-12210-SURFACE	-11.1483	-21.1037	-1.1928	0.0105
00940	Chloride (mg/L)	LBJ	17470-SURFACE-12210-SURFACE	-9.6215	-18.2790	-0.9641	0.0118
00940	Chloride (mg/L)	LBJ	17471-SURFACE-12210-SURFACE	-17.7005	-26.3579	-9.0430	<0.0001
00940	Chloride (mg/L)	LBJ	18197-SURFACE-12210-SURFACE	-21.2107	-28.4119	-14.0095	<0.0001
00940	Chloride (mg/L)	LBJ	21548-SURFACE-12210-SURFACE	-15.4843	-23.0276	-7.9411	<0.0001
00940	Chloride (mg/L)	LBJ	21812-SURFACE-12210-SURFACE	-15.6541	-24.0187	-7.2895	<0.0001
00940	Chloride (mg/L)	LBJ	12324-BOTTOM-12214-SURFACE	13.2094	7.8123	18.6065	<0.0001
00940	Chloride (mg/L)	LBJ	12324-SURFACE-12214-SURFACE	13.6765	8.2794	19.0736	<0.0001
00940	Chloride (mg/L)	LBJ	12327-BOTTOM-12214-SURFACE	12.7878	7.3580	18.2176	<0.0001
00940	Chloride (mg/L)	LBJ	12327-SURFACE-12214-SURFACE	13.7515	8.3544	19.1486	<0.0001
00940	Chloride (mg/L)	LBJ	12330-BOTTOM-12214-SURFACE	12.6827	7.2695	18.0960	<0.0001
00940	Chloride (mg/L)	LBJ	12330-SURFACE-12214-SURFACE	12.6641	7.2508	18.0773	<0.0001
00940	Chloride (mg/L)	LBJ	12336-BOTTOM-12214-SURFACE	24.5294	19.1162	29.9426	<0.0001
00940	Chloride (mg/L)	LBJ	12336-SURFACE-12214-SURFACE	24.7721	19.3588	30.1853	<0.0001
00940	Chloride (mg/L)	LBJ	13550-SURFACE-12214-SURFACE	-8.3776	-16.3403	-0.4150	0.0262
00940	Chloride (mg/L)	LBJ	14231-SURFACE-12214-SURFACE	-8.5336	-15.1419	-1.9253	7e-04
00940	Chloride (mg/L)	LBJ	17471-SURFACE-12214-SURFACE	-9.3288	-17.5985	-1.0590	0.0094
00940	Chloride (mg/L)	LBJ	18197-SURFACE-12214-SURFACE	-12.8390	-19.5691	-6.1089	<0.0001
00940	Chloride (mg/L)	LBJ	21548-SURFACE-12214-SURFACE	-7.1126	-14.2076	-0.0177	0.0485
00940	Chloride (mg/L)	LBJ	12336-BOTTOM-12324-BOTTOM	11.3200	6.1870	16.4531	<0.0001
00940	Chloride (mg/L)	LBJ	12336-SURFACE-12324-BOTTOM	11.5627	6.4296	16.6957	<0.0001
00940	Chloride (mg/L)	LBJ	12383-SURFACE-12324-BOTTOM	-12.0240	-17.3303	-6.7178	<0.0001
00940	Chloride (mg/L)	LBJ	12386-SURFACE-12324-BOTTOM	-13.8483	-19.1545	-8.5420	<0.0001
00940	Chloride (mg/L)	LBJ	12388-SURFACE-12324-BOTTOM	-15.2921	-21.6141	-8.9701	<0.0001
00940	Chloride (mg/L)	LBJ	13550-SURFACE-12324-BOTTOM	-21.5870	-29.3619	-13.8122	<0.0001

00940	Chloride (mg/L)	LBJ	14231-SURFACE-12324-BOTTOM	-21.7430	-28.1238	-15.3622	<0.0001
00940	Chloride (mg/L)	LBJ	16701-SURFACE-12324-BOTTOM	-20.5855	-28.6747	-12.4964	<0.0001
00940	Chloride (mg/L)	LBJ	17425-SURFACE-12324-BOTTOM	-15.9859	-25.4514	-6.5205	<0.0001
00940	Chloride (mg/L)	LBJ	17470-SURFACE-12324-BOTTOM	-14.4592	-22.5483	-6.3701	<0.0001
00940	Chloride (mg/L)	LBJ	17471-SURFACE-12324-BOTTOM	-22.5382	-30.6273	-14.4490	<0.0001
00940	Chloride (mg/L)	LBJ	18197-SURFACE-12324-BOTTOM	-26.0484	-32.5553	-19.5415	<0.0001
00940	Chloride (mg/L)	LBJ	18710-SURFACE-12324-BOTTOM	-13.3629	-22.8283	-3.8974	1e-04
00940	Chloride (mg/L)	LBJ	21548-SURFACE-12324-BOTTOM	-20.3220	-27.2056	-13.4385	<0.0001
00940	Chloride (mg/L)	LBJ	21812-SURFACE-12324-BOTTOM	-20.4918	-28.2667	-12.7169	<0.0001
00940	Chloride (mg/L)	LBJ	12336-BOTTOM-12324-SURFACE	10.8529	5.7199	15.9860	<0.0001
00940	Chloride (mg/L)	LBJ	12336-SURFACE-12324-SURFACE	11.0956	5.9625	16.2286	<0.0001
00940	Chloride (mg/L)	LBJ	12383-SURFACE-12324-SURFACE	-12.4911	-17.7974	-7.1849	<0.0001
00940	Chloride (mg/L)	LBJ	12386-SURFACE-12324-SURFACE	-14.3154	-19.6217	-9.0091	<0.0001
00940	Chloride (mg/L)	LBJ	12388-SURFACE-12324-SURFACE	-15.7592	-22.0812	-9.4372	<0.0001
00940	Chloride (mg/L)	LBJ	13550-SURFACE-12324-SURFACE	-22.0541	-29.8290	-14.2793	<0.0001
00940	Chloride (mg/L)	LBJ	14231-SURFACE-12324-SURFACE	-22.2101	-28.5909	-15.8293	<0.0001
00940	Chloride (mg/L)	LBJ	16701-SURFACE-12324-SURFACE	-21.0526	-29.1418	-12.9635	<0.0001
00940	Chloride (mg/L)	LBJ	17425-SURFACE-12324-SURFACE	-16.4530	-25.9185	-6.9876	<0.0001
00940	Chloride (mg/L)	LBJ	17470-SURFACE-12324-SURFACE	-14.9263	-23.0154	-6.8372	<0.0001
00940	Chloride (mg/L)	LBJ	17471-SURFACE-12324-SURFACE	-23.0053	-31.0944	-14.9161	<0.0001
00940	Chloride (mg/L)	LBJ	18197-SURFACE-12324-SURFACE	-26.5155	-33.0224	-20.0086	<0.0001
00940	Chloride (mg/L)	LBJ	18710-SURFACE-12324-SURFACE	-13.8300	-23.2954	-4.3645	<0.0001
00940	Chloride (mg/L)	LBJ	21548-SURFACE-12324-SURFACE	-20.7891	-27.6727	-13.9056	<0.0001
00940	Chloride (mg/L)	LBJ	21812-SURFACE-12324-SURFACE	-20.9589	-28.7338	-13.1840	<0.0001
00940	Chloride (mg/L)	LBJ	12336-BOTTOM-12327-BOTTOM	11.7416	6.5742	16.9090	<0.0001
00940	Chloride (mg/L)	LBJ	12336-SURFACE-12327-BOTTOM	11.9843	6.8169	17.1516	<0.0001
00940	Chloride (mg/L)	LBJ	12383-SURFACE-12327-BOTTOM	-11.6025	-16.9419	-6.2630	<0.0001
00940	Chloride (mg/L)	LBJ	12386-SURFACE-12327-BOTTOM	-13.4267	-18.7662	-8.0872	<0.0001
00940	Chloride (mg/L)	LBJ	12388-SURFACE-12327-BOTTOM	-14.8705	-21.2205	-8.5206	<0.0001
00940	Chloride (mg/L)	LBJ	13550-SURFACE-12327-BOTTOM	-21.1654	-28.9630	-13.3679	<0.0001
00940	Chloride (mg/L)	LBJ	14231-SURFACE-12327-BOTTOM	-21.3214	-27.7298	-14.9130	<0.0001
00940	Chloride (mg/L)	LBJ	16701-SURFACE-12327-BOTTOM	-20.1639	-28.2749	-12.0530	<0.0001

00940	Chloride (mg/L)	LBJ	17425-SURFACE-12327-BOTTOM	-15.5643	-25.0484	-6.0803	<0.0001
00940	Chloride (mg/L)	LBJ	17470-SURFACE-12327-BOTTOM	-14.0376	-22.1486	-5.9267	<0.0001
00940	Chloride (mg/L)	LBJ	17471-SURFACE-12327-BOTTOM	-22.1166	-30.2275	-14.0056	<0.0001
00940	Chloride (mg/L)	LBJ	18197-SURFACE-12327-BOTTOM	-25.6268	-32.1608	-19.0928	<0.0001
00940	Chloride (mg/L)	LBJ	18710-SURFACE-12327-BOTTOM	-12.9413	-22.4254	-3.4572	2e-04
00940	Chloride (mg/L)	LBJ	21548-SURFACE-12327-BOTTOM	-19.9004	-26.8096	-12.9912	<0.0001
00940	Chloride (mg/L)	LBJ	21812-SURFACE-12327-BOTTOM	-20.0702	-27.8678	-12.2726	<0.0001
00940	Chloride (mg/L)	LBJ	12336-BOTTOM-12327-SURFACE	10.7779	5.6449	15.9110	<0.0001
00940	Chloride (mg/L)	LBJ	12336-SURFACE-12327-SURFACE	11.0206	5.8875	16.1536	<0.0001
00940	Chloride (mg/L)	LBJ	12383-SURFACE-12327-SURFACE	-12.5661	-17.8724	-7.2599	<0.0001
00940	Chloride (mg/L)	LBJ	12386-SURFACE-12327-SURFACE	-14.3904	-19.6967	-9.0841	<0.0001
00940	Chloride (mg/L)	LBJ	12388-SURFACE-12327-SURFACE	-15.8342	-22.1562	-9.5122	<0.0001
00940	Chloride (mg/L)	LBJ	13550-SURFACE-12327-SURFACE	-22.1291	-29.9040	-14.3543	<0.0001
00940	Chloride (mg/L)	LBJ	14231-SURFACE-12327-SURFACE	-22.2851	-28.6659	-15.9043	<0.0001
00940	Chloride (mg/L)	LBJ	16701-SURFACE-12327-SURFACE	-21.1276	-29.2168	-13.0385	<0.0001
00940	Chloride (mg/L)	LBJ	17425-SURFACE-12327-SURFACE	-16.5280	-25.9935	-7.0626	<0.0001
00940	Chloride (mg/L)	LBJ	17470-SURFACE-12327-SURFACE	-15.0013	-23.0904	-6.9122	<0.0001
00940	Chloride (mg/L)	LBJ	17471-SURFACE-12327-SURFACE	-23.0803	-31.1694	-14.9911	<0.0001
00940	Chloride (mg/L)	LBJ	18197-SURFACE-12327-SURFACE	-26.5905	-33.0974	-20.0836	<0.0001
00940	Chloride (mg/L)	LBJ	18710-SURFACE-12327-SURFACE	-13.9050	-23.3704	-4.4395	<0.0001
00940	Chloride (mg/L)	LBJ	21548-SURFACE-12327-SURFACE	-20.8641	-27.7477	-13.9806	<0.0001
00940	Chloride (mg/L)	LBJ	21812-SURFACE-12327-SURFACE	-21.0339	-28.8088	-13.2590	<0.0001
00940	Chloride (mg/L)	LBJ	12336-BOTTOM-12330-BOTTOM	11.8467	6.6967	16.9967	<0.0001
00940	Chloride (mg/L)	LBJ	12336-SURFACE-12330-BOTTOM	12.0893	6.9393	17.2393	<0.0001
00940	Chloride (mg/L)	LBJ	12383-SURFACE-12330-BOTTOM	-11.4974	-16.8201	-6.1747	<0.0001
00940	Chloride (mg/L)	LBJ	12386-SURFACE-12330-BOTTOM	-13.3216	-18.6443	-7.9990	<0.0001
00940	Chloride (mg/L)	LBJ	12388-SURFACE-12330-BOTTOM	-14.7655	-21.1013	-8.4297	<0.0001
00940	Chloride (mg/L)	LBJ	13550-SURFACE-12330-BOTTOM	-21.0604	-28.8465	-13.2743	<0.0001
00940	Chloride (mg/L)	LBJ	14231-SURFACE-12330-BOTTOM	-21.2163	-27.6108	-14.8219	<0.0001
00940	Chloride (mg/L)	LBJ	16701-SURFACE-12330-BOTTOM	-20.0589	-28.1588	-11.9590	<0.0001
00940	Chloride (mg/L)	LBJ	17425-SURFACE-12330-BOTTOM	-15.4593	-24.9339	-5.9846	<0.0001
00940	Chloride (mg/L)	LBJ	17470-SURFACE-12330-BOTTOM	-13.9326	-22.0325	-5.8327	<0.0001

00940	Chloride (mg/L)	LBJ	17471-SURFACE-12330-BOTTOM	-22.0115	-30.1114	-13.9116	<0.0001
00940	Chloride (mg/L)	LBJ	18197-SURFACE-12330-BOTTOM	-25.5217	-32.0420	-19.0014	<0.0001
00940	Chloride (mg/L)	LBJ	18710-SURFACE-12330-BOTTOM	-12.8362	-22.3108	-3.3616	2e-04
00940	Chloride (mg/L)	LBJ	21548-SURFACE-12330-BOTTOM	-19.7954	-26.6916	-12.8991	<0.0001
00940	Chloride (mg/L)	LBJ	21812-SURFACE-12330-BOTTOM	-19.9651	-27.7512	-12.1791	<0.0001
00940	Chloride (mg/L)	LBJ	12336-BOTTOM-12330-SURFACE	11.8653	6.7153	17.0153	<0.0001
00940	Chloride (mg/L)	LBJ	12336-SURFACE-12330-SURFACE	12.1080	6.9580	17.2580	<0.0001
00940	Chloride (mg/L)	LBJ	12383-SURFACE-12330-SURFACE	-11.4787	-16.8014	-6.1560	<0.0001
00940	Chloride (mg/L)	LBJ	12386-SURFACE-12330-SURFACE	-13.3030	-18.6257	-7.9803	<0.0001
00940	Chloride (mg/L)	LBJ	12388-SURFACE-12330-SURFACE	-14.7468	-21.0826	-8.4110	<0.0001
00940	Chloride (mg/L)	LBJ	13550-SURFACE-12330-SURFACE	-21.0417	-28.8278	-13.2556	<0.0001
00940	Chloride (mg/L)	LBJ	14231-SURFACE-12330-SURFACE	-21.1977	-27.5921	-14.8032	<0.0001
00940	Chloride (mg/L)	LBJ	16701-SURFACE-12330-SURFACE	-20.0402	-28.1401	-11.9403	<0.0001
00940	Chloride (mg/L)	LBJ	17425-SURFACE-12330-SURFACE	-15.4406	-24.9152	-5.9660	<0.0001
00940	Chloride (mg/L)	LBJ	17470-SURFACE-12330-SURFACE	-13.9139	-22.0138	-5.8140	<0.0001
00940	Chloride (mg/L)	LBJ	17471-SURFACE-12330-SURFACE	-21.9928	-30.0927	-13.8929	<0.0001
00940	Chloride (mg/L)	LBJ	18197-SURFACE-12330-SURFACE	-25.5031	-32.0233	-18.9828	<0.0001
00940	Chloride (mg/L)	LBJ	18710-SURFACE-12330-SURFACE	-12.8175	-22.2922	-3.3429	3e-04
00940	Chloride (mg/L)	LBJ	21548-SURFACE-12330-SURFACE	-19.7767	-26.6729	-12.8805	<0.0001
00940	Chloride (mg/L)	LBJ	21812-SURFACE-12330-SURFACE	-19.9465	-27.7326	-12.1604	<0.0001
00940	Chloride (mg/L)	LBJ	12383-SURFACE-12336-BOTTOM	-23.3441	-28.6667	-18.0214	<0.0001
00940	Chloride (mg/L)	LBJ	12386-SURFACE-12336-BOTTOM	-25.1683	-30.4910	-19.8456	<0.0001
00940	Chloride (mg/L)	LBJ	12388-SURFACE-12336-BOTTOM	-26.6121	-32.9479	-20.2764	<0.0001
00940	Chloride (mg/L)	LBJ	13550-SURFACE-12336-BOTTOM	-32.9070	-40.6931	-25.1210	<0.0001
00940	Chloride (mg/L)	LBJ	14231-SURFACE-12336-BOTTOM	-33.0630	-39.4574	-26.6686	<0.0001
00940	Chloride (mg/L)	LBJ	16701-SURFACE-12336-BOTTOM	-31.9055	-40.0054	-23.8056	<0.0001
00940	Chloride (mg/L)	LBJ	17425-SURFACE-12336-BOTTOM	-27.3059	-36.7806	-17.8313	<0.0001
00940	Chloride (mg/L)	LBJ	17470-SURFACE-12336-BOTTOM	-25.7792	-33.8791	-17.6793	<0.0001
00940	Chloride (mg/L)	LBJ	17471-SURFACE-12336-BOTTOM	-33.8582	-41.9581	-25.7583	<0.0001
00940	Chloride (mg/L)	LBJ	18197-SURFACE-12336-BOTTOM	-37.3684	-43.8887	-30.8481	<0.0001
00940	Chloride (mg/L)	LBJ	18710-SURFACE-12336-BOTTOM	-24.6829	-34.1575	-15.2082	<0.0001
00940	Chloride (mg/L)	LBJ	21548-SURFACE-12336-BOTTOM	-31.6420	-38.5382	-24.7458	<0.0001

00940	Chloride (mg/L)	LBJ	21812-SURFACE-12336-BOTTOM	-31.8118	-39.5979	-24.0257	<0.0001
00940	Chloride (mg/L)	LBJ	12383-SURFACE-12336-SURFACE	-23.5867	-28.9094	-18.2640	<0.0001
00940	Chloride (mg/L)	LBJ	12386-SURFACE-12336-SURFACE	-25.4110	-30.7337	-20.0883	<0.0001
00940	Chloride (mg/L)	LBJ	12388-SURFACE-12336-SURFACE	-26.8548	-33.1906	-20.5190	<0.0001
00940	Chloride (mg/L)	LBJ	13550-SURFACE-12336-SURFACE	-33.1497	-40.9358	-25.3636	<0.0001
00940	Chloride (mg/L)	LBJ	14231-SURFACE-12336-SURFACE	-33.3057	-39.7001	-26.9112	<0.0001
00940	Chloride (mg/L)	LBJ	16701-SURFACE-12336-SURFACE	-32.1482	-40.2481	-24.0483	<0.0001
00940	Chloride (mg/L)	LBJ	17425-SURFACE-12336-SURFACE	-27.5486	-37.0232	-18.0740	<0.0001
00940	Chloride (mg/L)	LBJ	17470-SURFACE-12336-SURFACE	-26.0219	-34.1218	-17.9220	<0.0001
00940	Chloride (mg/L)	LBJ	17471-SURFACE-12336-SURFACE	-34.1008	-42.2007	-26.0009	<0.0001
00940	Chloride (mg/L)	LBJ	18197-SURFACE-12336-SURFACE	-37.6111	-44.1313	-31.0908	<0.0001
00940	Chloride (mg/L)	LBJ	18710-SURFACE-12336-SURFACE	-24.9255	-34.4002	-15.4509	<0.0001
00940	Chloride (mg/L)	LBJ	21548-SURFACE-12336-SURFACE	-31.8847	-38.7809	-24.9885	<0.0001
00940	Chloride (mg/L)	LBJ	21812-SURFACE-12336-SURFACE	-32.0545	-39.8406	-24.2684	<0.0001
00940	Chloride (mg/L)	LBJ	13550-SURFACE-12383-SURFACE	-9.5630	-17.4643	-1.6616	0.0027
00940	Chloride (mg/L)	LBJ	14231-SURFACE-12383-SURFACE	-9.7189	-16.2533	-3.1846	<0.0001
00940	Chloride (mg/L)	LBJ	16701-SURFACE-12383-SURFACE	-8.5615	-16.7723	-0.3507	0.0296
00940	Chloride (mg/L)	LBJ	17471-SURFACE-12383-SURFACE	-10.5141	-18.7249	-2.3033	9e-04
00940	Chloride (mg/L)	LBJ	18197-SURFACE-12383-SURFACE	-14.0243	-20.6818	-7.3668	<0.0001
00940	Chloride (mg/L)	LBJ	21548-SURFACE-12383-SURFACE	-8.2980	-15.3241	-1.2719	0.0043
00940	Chloride (mg/L)	LBJ	21812-SURFACE-12383-SURFACE	-8.4677	-16.3691	-0.5664	0.0203
00940	Chloride (mg/L)	LBJ	14231-SURFACE-12386-SURFACE	-7.8947	-14.4290	-1.3604	0.0028
00940	Chloride (mg/L)	LBJ	17471-SURFACE-12386-SURFACE	-8.6899	-16.9006	-0.4791	0.0242
00940	Chloride (mg/L)	LBJ	18197-SURFACE-12386-SURFACE	-12.2001	-18.8576	-5.5426	<0.0001
00940	Chloride (mg/L)	LBJ	18197-SURFACE-12388-SURFACE	-10.7562	-18.2485	-3.2640	1e-04
00940	Chloride (mg/L)	LBJ	18197-SURFACE-17470-SURFACE	-11.5892	-20.6224	-2.5559	8e-04
00940	Chloride (mg/L)	LBJ	18710-SURFACE-18197-SURFACE	12.6855	2.4015	22.9695	0.0019
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-12210-SURFACE	1083.1668	919.0761	1247.2574	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-12214-SURFACE	1083.4141	924.8491	1241.9792	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-12324-BOTTOM	1087.8357	931.6708	1244.0006	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-12324-SURFACE	1084.0182	928.0052	1240.0313	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-12327-BOTTOM	1085.2469	928.9262	1241.5676	<0.0001

00945	Sulfate (mg/L)	LBJ	18710-SURFACE-12327-SURFACE	1083.8801	927.8670	1239.8931	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-12330-BOTTOM	1084.1397	927.9748	1240.3046	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-12330-SURFACE	1084.3744	928.2095	1240.5393	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-12336-BOTTOM	1079.3050	923.1401	1235.4699	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-12336-SURFACE	1076.5210	920.3561	1232.6859	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-12383-SURFACE	1090.4834	932.7535	1248.2134	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-12386-SURFACE	1090.1183	932.3883	1247.8483	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-12388-SURFACE	1092.3374	924.7440	1259.9308	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-13550-SURFACE	1094.8267	911.3832	1278.2703	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-14231-SURFACE	1093.1271	924.9297	1261.3246	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-16701-SURFACE	1090.5656	903.4668	1277.6643	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-17425-SURFACE	1083.4538	879.5677	1287.3400	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-17470-SURFACE	1093.1077	906.0089	1280.2064	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-17471-SURFACE	1095.1182	908.0195	1282.2170	<0.0001
00945	Sulfate (mg/L)	LBJ	18710-SURFACE-18197-SURFACE	1097.8106	928.3058	1267.3155	<0.0001
00945	Sulfate (mg/L)	LBJ	21548-SURFACE-18710-SURFACE	-1091.0146	-1264.5141	-917.5150	<0.0001
00945	Sulfate (mg/L)	LBJ	21812-SURFACE-18710-SURFACE	-1094.0410	-1277.4846	-910.5974	<0.0001
31699	E. coli (MPN/100mL)	LBJ	12324-SURFACE-12214-SURFACE	-146.0433	-288.8748	-3.2119	0.0389
31699	E. coli (MPN/100mL)	LBJ	12327-SURFACE-12214-SURFACE	-145.8167	-288.6481	-2.9852	0.0396
00078	Secchi disc (m)	LBJ	12327-SURFACE-12324-SURFACE	-0.2017	-0.3907	-0.0127	0.0278
00078	Secchi disc (m)	LBJ	12330-SURFACE-12324-SURFACE	-0.3071	-0.4967	-0.1174	<0.0001
00078	Secchi disc (m)	LBJ	12331-SURFACE-12324-SURFACE	-0.4290	-0.6900	-0.1680	<0.0001
00078	Secchi disc (m)	LBJ	12388-SURFACE-12324-SURFACE	-0.6770	-1.0389	-0.3152	<0.0001
00078	Secchi disc (m)	LBJ	12388-SURFACE-12327-SURFACE	-0.4753	-0.8372	-0.1134	0.0022
00078	Secchi disc (m)	LBJ	12336-SURFACE-12330-SURFACE	0.2276	0.0368	0.4185	0.0083
00078	Secchi disc (m)	LBJ	12388-SURFACE-12330-SURFACE	-0.3700	-0.7322	-0.0078	0.0417
00078	Secchi disc (m)	LBJ	12336-SURFACE-12331-SURFACE	0.3495	0.0876	0.6114	0.0018
00078	Secchi disc (m)	LBJ	12388-SURFACE-12333-SURFACE	-0.4285	-0.8351	-0.0220	0.0313
00078	Secchi disc (m)	LBJ	12388-SURFACE-12336-SURFACE	-0.5976	-0.9601	-0.2351	<0.0001
00665	Total Phosphorus (mg/L)	LBJ	12324-SURFACE-12324-BOTTOM	-0.1363	-0.1838	-0.0888	<0.0001
00665	Total Phosphorus (mg/L)	LBJ	12327-BOTTOM-12324-BOTTOM	-0.1236	-0.1713	-0.0759	<0.0001

00665	Total Phosphorus (mg/L)	LBJ	12327-SURFACE-12324-BOTTOM	-0.1379	-0.1854	-0.0904	<0.0001
00665	Total Phosphorus (mg/L)	LBJ	12330-BOTTOM-12324-BOTTOM	-0.1267	-0.1745	-0.0789	<0.0001
00665	Total Phosphorus (mg/L)	LBJ	12330-SURFACE-12324-BOTTOM	-0.1342	-0.1821	-0.0864	<0.0001
00665	Total Phosphorus (mg/L)	LBJ	12336-BOTTOM-12324-BOTTOM	-0.0794	-0.1273	-0.0314	<0.0001
00665	Total Phosphorus (mg/L)	LBJ	12336-SURFACE-12324-BOTTOM	-0.1248	-0.1728	-0.0768	<0.0001
00665	Total Phosphorus (mg/L)	LBJ	12336-BOTTOM-12324-SURFACE	0.0570	0.0093	0.1046	0.0073
00665	Total Phosphorus (mg/L)	LBJ	12336-BOTTOM-12327-SURFACE	0.0586	0.0109	0.1062	0.005
00665	Total Phosphorus (mg/L)	LBJ	12336-BOTTOM-12330-SURFACE	0.0549	0.0069	0.1029	0.0125
70953	Chlorophyll-a (µg/L)	LBJ	12386-SURFACE-12324-SURFACE	-10.5068	-14.3375	-6.6760	<0.0001
70953	Chlorophyll-a (µg/L)	LBJ	12386-SURFACE-12327-SURFACE	-11.1534	-14.9842	-7.3227	<0.0001
70953	Chlorophyll-a (µg/L)	LBJ	18710-SURFACE-12327-SURFACE	-7.4057	-14.1969	-0.6146	0.0235
70953	Chlorophyll-a (µg/L)	LBJ	12386-SURFACE-12330-SURFACE	-12.1574	-15.9882	-8.3267	<0.0001
70953	Chlorophyll-a (µg/L)	LBJ	18710-SURFACE-12330-SURFACE	-8.4097	-15.2009	-1.6186	0.0058
70953	Chlorophyll-a (µg/L)	LBJ	12386-SURFACE-12336-SURFACE	-11.4908	-15.3215	-7.6600	<0.0001
70953	Chlorophyll-a (µg/L)	LBJ	18710-SURFACE-12336-SURFACE	-7.7431	-14.5342	-0.9519	0.015
00530	Total Suspended Solids (mg/L)	LBJ	12386-SURFACE-12327-BOTTOM	6.3444	0.3895	12.2994	0.0253
00530	Total Suspended Solids (mg/L)	LBJ	12330-BOTTOM-12327-SURFACE	6.2627	0.5422	11.9831	0.0183
00530	Total Suspended Solids (mg/L)	LBJ	12386-SURFACE-12327-SURFACE	8.3097	2.3734	14.2461	3e-04
00530	Total Suspended Solids (mg/L)	LBJ	12386-SURFACE-12330-SURFACE	7.7457	1.8094	13.6821	0.0013