

Analytical Standards				
Analyte	Phase	Analytical Methodology	Standard	Units
Aluminum (Al)	Dissolved – lab filtered	M200.8 ICP	5	mg/L
Antimony (Sb)	Dissolved – lab filtered	M200.8 ICP	0.006	mg/L
Arsenic (As)	Dissolved – lab filtered	M200.8 ICP	0.01	mg/L
Barium (Ba)	Dissolved – lab filtered	M200.8 ICP	2	mg/L
Beryllium (Be)	Dissolved – lab filtered	M200.8 ICP	0.004	mg/L
Boron (B)	Dissolved – lab filtered	M200.8 ICP	0.75	mg/L
Cadmium (Cd)	Dissolved – lab filtered	M200.8 ICP	0.005	mg/L
Chloride (Cl)	Dissolved – lab filtered	EPA 300.0	250	mg/L
Chlorophenol	Total	SM8270	0.0002	mg/L
Chromium (Cr)	Dissolved – lab filtered	M200.8 ICP	0.1	mg/L
Cobalt (Co)	Dissolved – lab filtered	M200.8 ICP	0.05	mg/L
Copper (Cu)	Dissolved – lab filtered	M200.8 ICP	0.2	mg/L
Cyanide [Free]	Free	4500-CN-E	0.2	mg/L
Fluoride (F)	Dissolved – lab filtered	M200.8 ICP	2	mg/L
Iron (Fe)	Dissolved – lab filtered	M200.8 ICP	0.3	mg/L
Lead (Pb)	Dissolved – lab filtered	M200.8 ICP	0.05	mg/L
Lithium (Li)	Dissolved – lab filtered	M200.8 ICP	2.5	mg/L
Manganese (Mn)	Dissolved – lab filtered	M200.8 ICP	0.05	mg/L
Mercury (Hg)	Dissolved – lab filtered	M200.8 ICP / EPA 245.1	0.002	mg/L
Molybdenum (Mo)	Dissolved – lab filtered	M200.8 ICP	0.21	mg/L
Nickel (Ni)	Dissolved – lab filtered	M200.8 ICP	0.1	mg/L
Nitrate (NO ₂)	Dissolved – lab filtered	EPA 300.0	10	mg/L
Nitrite (NO ₃)	Dissolved – lab filtered	EPA 300.0	1	mg/L
Total Nitrite & Nitrate (NO ₂ +NO ₃)	Dissolved – lab filtered	EPA 300.0	10	mg/L
pH (field*)	Total	SM4500	6.5 - 8.5	s.u.
Phenol	Total	SM8270	0.3	mg/L
Selenium (Se)	Dissolved – lab filtered	M200.8 ICP	0.02	mg/L
Silver (Ag)	Dissolved – lab filtered	M200.8 ICP	0.05	mg/L
Sulfate (SO ₄)	Dissolved – lab filtered	EPA 300.0	250	mg/L
Thallium (Tl)	Dissolved – lab filtered	M200.8 ICP	0.002	mg/L
Total Dissolved Solids (TDS)	Dissolved – lab filtered	SM2540	TBD*	mg/L
Uranium (U)	Dissolved – lab filtered	M200.8 ICP	0.0168	mg/L
Vanadium (V)	Dissolved – lab filtered	M200.8 ICP	0.1	mg/L
Zinc (Zn)	Dissolved – lab filtered	M200.8 ICP	2	mg/L

*Previous iterations of this table showed lab pH results, this table was updated on 12/11/2023 to reflect field measurements. No fi

Nix-Owens-Mon 4A						Nix-Owens-Mon 4A	
6/7/2021	4/17/2023	6/1/2023	8/3/2023	10/9/2023	3/7/2024	6/4/2021	4/17/2023
0.309	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	3.93	0.0295
0.0000805	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.000419	0.00053
ND	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.000857	0.00038
0.0547	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.0741	0.051
ND	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	ND	ND
0.204	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.245	0.267
ND	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.0000512	ND
145	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	94	151
ND	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	ND	ND
ND	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.00268	0.00042
ND	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	ND	0.00019
0.00141	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.00402	0.00138
ND	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	ND	ND
0.631	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	1.75	1.85
0.214	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	1.64	0.0128
ND	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.00137	ND
0.0209	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.0436	0.051
0.0041	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.0812	0.00047
ND	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	ND	ND
0.00279	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.00623	0.00404
0.00169	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.00313	0.00139
11.5	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	13.9	12
6.82	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	4.527	ND
18.32	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	18.427	12
7.39	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	7.32	7.25
ND	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	ND	ND
0.00142	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.00169	0.00328
ND	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	ND	0.00002
294	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	402	264
0.000536	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.0703	ND
696	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	770	1030
0.00608	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.0165	0.0116
0.00162	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.00506	0.00072
ND	Dry - No Data	Dry - No Data	Dry- No Data	Dry- No Data	Dry- No Data	0.00696	0.00276

eld pH was taken in 6/2021, reported results are from laboratory analytical.

Ready Mixed Concrete Company

Nix Water Quality Sampling Results

x-Owens-Mon 5A			
6/1/2023	8/3/2023	10/9/2023	3/7/2024
0.17	0.691	0.0546	ND
0.00086	0.00138	0.00119	ND
0.00578	0.00061	ND	0.000445
0.045	0.0475	0.0312	0.0494
0.000275	0.000025	ND	ND
0.245	0.282	0.308	0.268
0.00031	0.000115	ND	ND
135	111	169	156
ND	ND	ND	ND
0.0055	0.00072	ND	ND
0.0054	0.00027	ND	0.000226
0.00647	0.00554	0.00162	0.0029
ND	<.003	ND	ND
1.42	1.41	2.25	1.22
0.0952	0.262	ND	ND
0.00266	0.000335	ND	ND
0.0454	0.0482	0.0513	0.0425
0.00738	0.0129	ND	ND
ND	ND	ND	ND
ND	0.00546	0.00499	0.00465
0.00648	0.00142	0.00245	0.0019
14.7	22.6	18.4	29.5
ND	ND	ND	ND
14.7	22.6	18.4	29.5
7.71	7.50	7.33	7.68
ND	ND	ND	ND
0.00418	0.00432	0.00373	0.00556
0.00027	0.00001	ND	ND
269	266	280	294
0.00012	0.00003	ND	ND
892	762	791	1130
0.0117	0.0104	0.0137	0.0143
0.006	0.00161	ND	0.00085
0.00588	0.00512	0.00174	ND

Nix-RMCC-Mon 6				
6/3/2021	4/17/2023	6/1/2023	8/3/2023	10/9/2023
1.15	0.177	0.901	1.15	0.196
0.000831	0.00068	0.000755	0.00334	0.001
0.000692	ND	0.000615	0.00954	ND
0.0368	0.0224	0.0239	0.039	0.016
ND	0.000015	0.00003	0.000435	ND
0.201	0.239	0.229	0.395	0.268
ND	0.00003	0.00003	0.000445	ND
89.6	76.2	73.2	70	65.200
ND	ND	ND	ND	ND
0.00108	0.00047	0.00086	0.00859	ND
ND	0.0002	0.000515	0.00781	ND
0.00443	0.000495	0.000865	0.0079	0.001
ND	ND	ND	<.003	ND
1.21	ND	0.956	0.892	2.100
0.771	0.0759	0.365	0.458	0.059
0.00155	0.00011	0.000335	0.00442	ND
0.0149	0.0169	0.0175	0.0212	0.015
0.108	0.000795	0.00493	0.0103	ND
ND	ND	ND	ND	ND
0.00768	0.0068	ND	0.0175	0.008
0.00351	0.00084	0.00112	0.00825	ND
3.72	0.8	3.26	3.6	2.810
3.83	ND	ND	ND	ND
7.55	0.8	3.26	3.6	2.810
7.47	7.35	7.63	7.53	7.51
ND	ND	ND	ND	ND
0.0012	0.00304	0.00256	0.00542	0.003
ND	ND	0.00002	0.00042	ND
331	316	281	579	242.000
0.000372	ND	ND	0.00027	ND
594	759	743	665	659.000
0.013	0.0243	0.0285	0.0391	0.0294
0.00307	0.00062	0.00166	0.00965	ND
0.0281	0.00123	0.00218	0.0104	0.003

	Nix-RMCC-Mon 7						N	
3/7/2024	6/7/2021	4/17/2023	6/1/2023	8/3/2023	10/9/2023	3/7/2023	6/4/2021	4/17/2023
ND	0.22	1.12	0.848	0.0423	ND	ND	3.46	0.693
ND	ND	0.00045	0.0012	0.00258	0.000815	ND	0.000173	0.00041
ND	ND	0.00071	0.00061	0.00102	ND	0.000412	0.000967	0.000555
0.020	0.0437	0.0552	0.0505	0.0447	0.0434	0.0484	0.0935	0.0766
ND	ND	0.000055	0.000045	0.000055	ND	ND	0.000106	0.000025
0.233	0.243	0.26	0.244	0.316	0.271	0.273	0.212	0.256
ND	ND	0.00006	0.000035	0.00007	ND	ND	ND	0.000045
66.700	157	192	162	151	152	157	136	178
ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	0.0012	0.00085	0.000085	ND	ND	0.00682	0.00113
ND	ND	0.00128	0.00136	0.00132	ND	0.000519	ND	0.00053
ND	ND	0.00172	0.00122	0.00131	ND	0.000761	0.00154	0.00129
ND	ND	ND	ND	<.003	ND	ND	ND	ND
1.230	0.697	ND	0.586	0.507	0.631	0.784	1.36	2.2
0.110	0.159	0.629	0.498	0.0215	ND	ND	2.06	0.434
ND	ND	0.000895	0.000975	0.00053	ND	ND	0.00183	0.00051
0.014	0.0285	0.0309	0.0321	0.0387	0.0301	0.0272	0.0232	0.0253
ND	0.00388	0.0346	0.029	0.00108	ND	ND	0.0548	0.0149
ND	ND	ND	ND	ND	ND	ND	ND	ND
0.008	0.0037	0.00294	ND	0.00388	0.00343	0.00362	0.00534	0.00423
0.001	0.00257	0.00275	0.00294	0.0026	0.00219	0.00204	0.00284	0.00206
5.080	3.63	7.15	6.15	7.15	6.8	18.6	12.9	9.8
0.000	7.45	ND	ND	ND	ND	ND	6.68	ND
5.080	11.1	7.15	6.15	7.15	6.8	18.6	19.6	9.8
7.81	7.30	7.30	7.67	7.44	7.36	7.64	7.43	7.27
ND	ND	ND	ND	ND	ND	ND	ND	ND
0.002	ND	0.00175	0.00148	0.00222	0.00186	0.00188	0.00556	0.00168
ND	ND	0.00001	0.000015	0.00003	ND	ND	ND	ND
260.000	348	321	254	326	225	248	290	297
ND	0.000492	ND	ND	0.000065	ND	ND	0.000592	ND
783.000	730	943	930	786	841	966	667	889
0.0291	0.00766	0.00747	0.00821	0.00807	0.00794	0.00807	0.0161	0.0203
0.001	0.00123	0.00239	0.0022	0.00152	ND	0.00106	0.00584	0.00162
ND	0.00146	0.00382	0.0097	0.00335	ND	ND	0.00832	0.00424

*Well was plugged on 9/12/2023
well, RMCC-Mon 8A was installed

ix-RMCC-Mon 8			Nix-RMCC-Mon 8A
6/1/2023	8/3/2023	10/9/2023	3/7/2024
ND	0.0188	NA*	ND
0.00105	0.00306	NA*	ND
0.000385	0.00047	NA*	0.000322
0.0741	0.0804	NA*	0.0693
ND	ND	NA*	ND
0.247	0.326	NA*	0.286
0.000045	ND	NA*	ND
150	131	NA*	146
ND	ND	NA*	ND
0.00033	0.0005	NA*	ND
0.000545	0.00043	NA*	0.000463
0.000765	0.000735	NA*	0.000863
ND	<.003	NA*	ND
1.22	1.16	NA*	1.32
ND	0.0139	NA*	ND
ND	0.00027	NA*	ND
0.0274	0.0323	NA*	0.024
ND	ND	NA*	0.00579
ND	ND	NA*	ND
ND	0.00414	NA*	0.00465
0.0022	0.00185	NA*	0.00235
8.1	7.4	NA*	13.3
ND	ND	NA*	ND
8.1	7.4	NA*	13.3
7.58	7.40	NA*	7.53
ND	ND	NA*	ND
0.00154	0.00207	NA*	0.00174
ND	0.00001	NA*	ND
244	228	NA*	230
ND	0.000085	NA*	ND
910	760	NA*	918
0.0244	0.0247	NA*	0.0218
0.00103	0.0008	NA*	0.000809
0.00216	0.00265	NA*	0.00853

Nix-RMCC-Mon 9			
6/1/2023	8/3/2023	10/9/2023	3/7/2024
ND	0.0206	ND	ND
0.00165	0.00216	0.000535	ND
0.00035	0.00045	ND	0.000297
0.0488	0.0518	0.0488	0.0474
ND	ND	ND	ND
0.25	0.302	0.274	0.265
0.000015	0.0001	ND	ND
122	115	118	128
ND	ND	ND	ND
0.00024	0.00025	ND	ND
0.000355	0.00028	ND	0.000212
0.00029	0.000515	ND	ND
ND	<.003	ND	ND
0.821	0.904	0.914	1.19
0.0189	0.0135	ND	ND
ND	0.00012	ND	ND
0.0274	0.0339	0.0273	0.0231
0.0448	0.0544	0.0218	0.0228
ND	ND	ND	ND
ND	0.00324	0.00294	0.00292
0.00312	0.00155	0.00154	0.00201
8.8	8.05	9.7	15
ND	ND	ND	ND
8.8	8.05	9.7	15
7.72	7.44	7.39	7.78
ND	ND	ND	ND
0.00127	0.00146	0.00144	0.00111
ND	0.00001	ND	ND
243	301	220	235
ND	0.00003	ND	ND
866	730	789	876
0.0219	0.0203	0.0207	0.0199
0.00059	0.00059	ND	0.000632
0.0103	0.00116	0.00149	0.00907

13 due to interference with right-of-way construction. A new ed and sampled on 3/7/2024