



Nampa Wastewater Division

340 W. Railroad Street, Nampa, Idaho
83687-1741 (208) 468-5840, FAX 467-9194

September 8th, 2022

Idaho Department of Environmental Quality
Boise Regional Office
1445 N. Orchard Street
Boise, ID 83706

RE: Nampa Wastewater Treatment Facility IPDES Permit Number ID0022063

Dear Idaho DEQ,

Upon completing our monthly data for August 2022, we found our monthly phosphorous concentration had exceeded the interim permitted limit of 0.50 mg/L with a result of 0.51 mg/L. We were however under our permitted limit 75 lbs/day with a result of 52 lbs/day average.

This exceedance is due to an air leak that was causing a loss of over 1000 scfm air flow and threatening a loss of an entire zone within our Aeration Basin # 2. This was discovered on August 12th, 2022. On August 17th, 2022, Aeration Basin #1 was finished being prepared and checked to be put online. Our crews felt it was ready to be put online and began the transfer from Aeration Basin #2 into Aeration Basin #1. Once it was close to being fully transferred, we began setting air flows to operational pressures. When those pressures were obtained another leak of greater concern was discovered in the mainline of Aeration Basin #1 threatening the entire basin. This forced us to begin transferring back into Aeration Basin #2. Due to the transfer that had to be terminated and we believe we lost part of our PAO organisms during the transfer leading to our higher-than-normal Phosphorus levels. Phosphorus levels were brought back within compliance within 6 days but did lead to a monthly Phosphorus exceedance. To prevent this in the future we will add to our pretesting process of basins by filling the tank fuller with #4 water to test full loads of scfm to ensure that all parts are in working order before any transfer.

Date	Flow MGD	Total P mg/L
1	11.992	0.31
2	12.866	0.35
3	11.841	0.31
4	11.553	0.34
5	12.092	0.30
6	11.667	0.40
7	12.094	0.32
8	12.036	0.44
9	12.009	0.34
10	12.449	0.30
11	12.206	0.31
12	12.064	0.25
13	11.838	0.34

14	11.570	0.32
15	12.166	0.31
16	11.702	0.38
17	10.188	0.45
18	13.262	0.94
19	12.768	1.45
20	12.484	1.29
21	12.339	1.95
22	11.890	0.75
23	11.903	0.59
24	11.438	0.50
25	11.882	0.32
26	11.661	0.49
27	11.525	0.50
28	12.253	0.45
29	11.659	0.26
30	12.048	0.27
31	12.147	0.27
Monthly Average	11.985	0.51

Please contact me with any questions or concerns related to this notification at zimmermana@cityofnampa.us or (208) 468-5840.

Sincerely,



Andy Zimmerman
City of Nampa Wastewater Division Superintendent

Cc: Tom Points, P.E., City of Nampa Public Works Director
Jeff Barnes, P.E., City of Nampa Deputy Public Works Director
Debbie Kling, City of Nampa Mayor