



**RIVERSIDE PARK  
WATER RECLAMATION FACILITY**  
4401 N. AUBREY L. WHITE PARKWAY  
SPOKANE, WASHINGTON 99205-3939  
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July 1, 2021

Diana Washington  
Senior Water Quality Engineer/Permit Manager  
Eastern Regional Office  
Department of Ecology  
4601 North Monroe Street  
Spokane, Washington 99205-1265

RE: Ecology Requested Additional Application Info for Renewal of National Pollutant Discharge Elimination System (NPDES) Municipal Wastewater Discharge Permit WA0024473

Dear Diana:

As requested per your email dated June 10, 2021, enclosed find the City of Spokane's amended EPA Form 2A Table B to the NPDES Permit Application for the Riverside Park Water Reclamation Facility accepted by Ecology on February 9, 2021 (NPDES Permit WA0024473). Table B now includes total dissolved solids testing data for the facility collected in June 2021. It should be noted that this data was collected while the membrane facility was operational so may not be comparable to the other data submitted with the application. For the 24-hour composite sample collected on 6-15-2021, 1.1 million gallons bypassed the membrane facility. For all other samples, the membrane facility fully treated all effluent.

Should you have any questions, comments or require additional information, please feel free to contact me.

Sincerely,

Jeff Donovan  
Environmental Analyst  
[jdonovan@spokanecity.org](mailto:jdonovan@spokanecity.org),  
509-625-4638

EPA Identification Number FRS ID: 110000562347	NPDES Permit Number WA-002447-3	Facility Name Riverside Park WRF	Outfall Number 005A
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Form Approved 03/05/19  
OMB No. 2040-0004

**TABLE B. EFFLUENT PARAMETERS FOR ALL POTWS WITH A FLOW EQUAL TO OR GREATER THAN 0.1 MGD**

Pollutant	Maximum Daily Discharge		Average Daily Discharge			Analytical Method <sup>1</sup>	ML or MDL (include units)
	Value	Units	Value	Units	Number of Samples		
Ammonia (as N)	8.067	mg/L	0.120	mg/L	1206	SM 4500-NH3 G-201	0.026 mg/ <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Chlorine (total residual, TRC) <sup>2</sup>	140.1	µg/L	1.9	µg/L	1308	SM 4500-Cl G-2011	13 µg/L <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Dissolved oxygen	13.03	mg/L	9.4	mg/L	1306	Hach 10360 Rev 1.1	n/a <input type="checkbox"/> ML <input type="checkbox"/> MDL
Nitrate/nitrite	31.42	mg/L	20.35	mg/L	191	EPA 353.2_2_1993	0.027 mg/ <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Kjeldahl nitrogen	5.35	mg/L	1.28	mg/L	187	EPA 351.2	0.50 mg/L <input checked="" type="checkbox"/> ML <input type="checkbox"/> MDL
Oil and grease	8.2	mg/L	4.3	mg/L	15	EPA Method 1664A	4.06 mg/L <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Phosphorus	1.72	mg/L	0.40	mg/L	1308	SM 4500-P E-2011	0.009 mg/ <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Total dissolved solids	410	mg/L	365	mg/L	6	SM 2540-C	20 mg/L <input checked="" type="checkbox"/> ML <input type="checkbox"/> MDL

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

<sup>2</sup> Facilities that do not use chlorine for disinfection, do not use chlorine elsewhere in the treatment process, and have no reasonable potential to discharge chlorine in their effluent are not required to report data for chlorine.

Date Sampled	MF Dist		S. Eff.
	Headwork	Box	Total
	s INF	Bypass	Dissolved
	FLOW MGD	Flow (MG)	Solids (mg/L)
6/13/2021	26.9	0.0	200
6/15/2021	39.1	1.1	400
6/16/2021	29.4	0.0	380
6/20/2021	26.7	0.0	400
6/21/2021	28.0	0.0	400
6/22/2021	27.3	0.0	410
	AVERAGE		365
	MAX		410