



November 01, 2021

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Our File Nos.: S-972, S-1146 EMS
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Manitoba Conservation and Climate
Environmental Stewardship Division
Environmental Approvals Branch
1007 Century Street
Winnipeg, MB R3H 0W4

Attention: Laura Pyles, A/Director

**RE: NEWPCC UPGRADE PROJECTS REPORT NO. 2 – REPORT FOR JULY 1 TO
SEPTEMBER 30, 2021 – ENVIRONMENT ACT LICENCE NO. 2684 RRR AND
INVESTING IN CANADA INFRASTRUCTURE PROGRAM GIS-EQ-1087**

The City of Winnipeg is submitting the Quarterly Report No. 2 for the period of July 1 to September 30, 2021 for the North End Sewage Treatment Plant (NEWPCC) Upgrade Projects. This report is to satisfy conditions identified in the Environmental Act License No. 2684RRR as required by Manitoba Conservation and Climate on May 28, 2021, and Investing in Canada Infrastructure Program (ICIP) GIS-EQ-1087 letter dated June 2, 2021. This report summarizes the work tasks required to complete the NEWPCC Upgrades to meet the Environmental Act License requirements.

The works to be conducted as part of the NEWPCC upgrades include the Power Supply and Headworks Facilities, Biosolids Facilities, and Nutrient Removal Facilities projects.

The following key elements were completed during this Period

Headworks Facilities

- The Power Supply project has been commissioned and training completed. Submission of O&M manuals are ongoing to fulfill total performance, expected by December 2021
- Red River Solutions (RRS) is mobilizing to site
- RRS preconstruction assessments, geotechnical investigation and topographic surveys for the Headworks Facilities on NEWPCC site completed
- 100% design of temporary works including access and laydown areas has been completed

- Issue for construction (IFC) drawings for temporary works have been accepted and issued
- 30% Design Submittal of full project was reviewed and comments returned to RRS
- Commencement of Temporary works (Highland Avenue realignment, office trailers and construction fencing)

Biosolids and Nutrient Removal

- The City Council directed the public service to complete a P3 market sounding for a Design-Build-Finance procurement method for Biosolids and Nutrient Removal (NR) Facilities was completed. The City will not study a procurement method where a private entity will take over operations and maintenance activities
- Completed market sounding for a DBF with Deloitte LLP. Discussions on procurement model are underway
- Updates to preliminary design, by AECOM, for Biosolids is ongoing

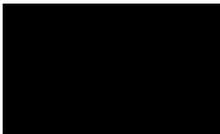
Table 1. Tasks and Critical Milestones for NEWPCC Upgrade Projects

Deliverable	Description	% Previously Reported	% Currently Complete	Original Targeted Completion Date	Revised Targeted Completion Date	Actual Completion Dates
Headworks Facilities	Procurement and Contract award	0%	100%	June 30, 2021		June 11, 2021
	DB Mobilization Complete	0%	30%	December 31, 2021		
	Design Completion	0	30	May 19, 2023		
	Construction Completion	0%	0%	June 30, 2025		
	Commissioning Complete	0%	0%	March 31, 2025		
	Substantial Completion	0%	0%	June 30, 2025		
Biosolids Facilities	Updated Preliminary Design & Procurement Strategy	0%	30%	December 31, 2021		

	Procurement and Contract Award	0%	0%	December 31, 2023		
	Substantial Completion	0%	0%	September 30, 2029		
Nutrient Removal Facilities	Updated Preliminary Design	0%	0%	September 30, 2023		
	Procurement and Contract Award	0%	0%	June 30, 2026		
	Substantial Completion	0%	0%	June 30, 2032		

Should you have any questions please contact me at 204-986-4480 or by email at cjavra@winnipeg.ca.

Sincerely,



Colin Javřa, P. Eng.
Project Director Winnipeg Sewage Treatment Program

CJ/dr

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