

Memo

City of Wichita, Kansas

Plant 1, 2 and Collection System Improvements Plan for Environmental Permitting and Compliance

The Plan for Environmental Permitting and Compliance (Plan) is a living document that tracks potential and necessary environmental tasks, clearances, and permit requirements and their status. This Plan is preliminary and intended to initiate and define what major potential environmental clearances and permits are anticipated for improvements at the Grove Street Pump Station (Plant 1), Lower Arkansas River Water Quality Reclamation Facility (Plant 2) and associated collection system rehabilitation or improvements.

This Plan is being used to initially determine any potential environmental constraints, issues, NEPA requirements, and permits that may be required of the borrower. It is high level and is based in part on a high-level EPA NEPA Assist Screening, desktop analysis of aerials, available environmental data from state and federal agencies, past experience, and firsthand site observations and conditions at Plant 1 and Plant 2.

Assessing environmental requirements, preparing permit applications, and obtaining permits will follow the planning and design phases of work (2020-2021). A Project specific permit matrix would be developed to track agency coordination and permit acquisition. The Project specific permit matrix would identify key dates and milestones during the Project permitting process to meet the construction schedule, which is expected to start in 2023.

The following table is a list of potential environmental tasks, clearances, and permits, with status, and anticipated duration.

Environmental Requirements/Permits	Status	Clearance/Permit Process Duration
Impacts Assessment and NEPA Determination (Anticipated CE)	Resource review initiated, see following	3-6 months
Air Quality	No issues anticipated	
Federal Lands	None	
Impaired Waters	No issues anticipated	
Wetlands/Stream – Desktop Review of National Wetland Inventory Data	Resource review will be initiated during the planning and design phases	
Brownfields Sites	No issues anticipated	
Superfund Site	No issues anticipated; a review would occur to determine if present within the vicinity of the Project	
Toxic Release Inventory Site	No issues anticipated; a review would occur to determine if present within the vicinity of the Project	
RCRA Facility	No issues anticipated; a review would occur to determine if present within the vicinity of the Project	

Environmental Requirements/Permits	Status	Clearance/Permit Process Duration
Toxic Control Substances Site	No issues anticipated; a review would occur to determine if present within the vicinity of the Project	3-6 months
Air Emission Facility	No issues anticipated	
Nearby schools, airports, hospitals	None	
Sole Source Aquifer	None	
Prime Farmland	None	
Section 106 National Register of Historic Places site(s) – Kansas SHPO records would be reviewed for Project area	No issues anticipated; Section 106 applies if the Project is considered a federal undertaking (USACE permit or Federal money)	
Section 106 Archaeological Sites – Kansas SHPO records would be reviewed for Project area	No issues anticipated; Section 106 applies if the Project is considered a federal undertaking (USACE permit or Federal money)	
Threatened & Endangered Species – Federal	None anticipated; Project review would be completed using the USFWS IPaC website; coordination would occur in conjunction with USACE 404 permitting	0 months
Threatened & Endangered Species – State	None anticipated; Project review would be completed using aerial photography and KDWPT protected species lists	
Migratory Bird Treaty Act	None anticipated; avoid clearing trees from April 15 to July 15 to avoid impacts to nesting migratory birds	0 months
Land and Water Conservation Fund Acquisitions	None anticipated	0 months
Corps 408 Minor Review (Wichita Valley Center Floodway Crossing) Certification of No Impact to a Flood Risk Reduction Program Project	A Section 408 review would occur to determine if any USACE properties would be affected by the Project	2-4 months
Permit for Occupation of Levee/Flood Channel Right-of-Way	A Project review would occur to determine if a separate authorization would be required from local levee board	2-4 months
Floodplain Fill and Levee Crossing Permits (Kansas Department of Agriculture [KDA] Division of Water Resources [DWR])	A Project review would occur to determine if a permit would be required from KDA DWR if fill will be added to a FEMA designated floodway or floodplain, including the stream channel	2-4 months

Environmental Requirements/Permits	Status	Clearance/Permit Process Duration
Corps of Engineers 404 Permitting Review for need to submit a permit application or pre-construction notification	A Nationwide Permit would be required for wetland impacts above 0.1 acres; an Individual Permit would be required for wetland impacts above 0.5 acres	2-3 months
Floodplain Development Permit (City of Wichita)	Discussions ongoing to determine if the Project would require a separate floodplain development permit from the City of Wichita	1-2 months
NPDES General Permit for Stormwater Runoff from Construction Activities (KDHE)	An NPDES General Permit for Stormwater Runoff from Construction Activities is required for construction activities that disturb 1 or more acres of land; a stormwater pollution prevention plan (SWP2 Plan) is also required per the permit	1-2 months
City of Wichita Land Disturbance Permit	Discussions ongoing to determine if the Project would require a separate land disturbance permit from the City of Wichita	1-2 months
Sedgwick County Land Disturbance Permit	Discussions ongoing to determine if the Project would require a separate land disturbance permit from Sedgwick County	1-2 months
KDHE Construction Permit – Water Quality Reclamation Plant	Discussions ongoing	2-4 months
Various Grading and Building Permits – City of Wichita	Discussions ongoing	1-2 months
Construction Dewatering Discharge under NPDES (KDHE)	Discussions ongoing, but likely covered under general construction permit	1-2 months
Hydrostatic Testing Discharge under NPDES (KDHE)	Discussions ongoing, but likely not required	1-2 months
General Permit for Stormwater Runoff Associated with Industrial Activities (KDHE)	Discussions ongoing	2-4 months