

**PERU UTILITIES  
MINUTES OF THE PERU UTILITIES SERVICE BOARD MEETING OF  
May 4, 2022**

The Peru Utilities Service Board held a meeting at the Peru office at 335 East Canal Street, Peru, Indiana, and virtually through video conferencing via Teams Meeting, on Wednesday, May 4, 2022. Board Secretary, Jami Edwards called the meeting to order at 4:00 p.m. pursuant to notice as required by law. The following Board members were present Richard Donoho, Dave Van Baalen and Chris McKinney. Board Chairperson Mary Costin and mayor Miles Hewitt was absent. Others present Joshua Chance, Alice Hartley, Jamin Beisiegel, Michael Biesenbach, Wayne Brindle, Tom Gustin, Patricia Russel, and Kathleen Plothow-City Council Liaisons, and Attorney Dustin Kerns.

**1.) APPROVE BOARD MINUTES OF APRIL 20, 2022:**

*Board member Richard Donoho moved that the minutes of April 20, 2022 be approved. Board member Chris McKinney seconded the motion. The vote was unanimous, motion passed.*

**2.) PAYMENT OF CLAIMS:**

*Board member Chris McKinney moved to approve the claims as presented. Board member Dave Van Baalen seconded the motion. The vote was unanimous, the motion passed.*

**3.) NEXT REGULAR MEETING:**

The next regular meeting will be held on-site Wednesday, May 18, 2022, at 4:00 p.m. in the Team-Teaching Room. Teams Meeting video conferencing is available for the public.

**4.) PUBLIC COMMENT: None**

**5.) OLD BUSINESS: None**

**6.) NEW BUSINESS:**

**A.) Introduction to the Preliminary Engineering Report for the (LTCP) Long Term Control Plan Presentation. A federal mandated project that Peru Utilities must comply with or be fined \$20,000 per day.**

**CSO 011 Separation Project:** The purpose of this Preliminary Engineering Report (PER) is to evaluate alternatives that will reduce overflows at CSO 011 in accordance with the City's approved Long Term Control Plan (LTCP). The project will include sanitary and storm sewer separation with the CSO 011 sewer shed and conveying the stormwater to a nearby stream with an ultimate discharge to the Wabash River.

Peru Utilities is working to remain in compliance with their approved Long-Term Control Plan (LTCP) Implementation of the LTCP is enforced by the Indiana Department of Environmental Management (IDEM) through the State Judicial Agreement (SJA) with Huntington.

**CSO STORAGE PROJECT:** The project purpose addressed in the Preliminary Engineering Report is to fulfill the next step of Utility’s Long Term Control Plan (LTCP). The project is intended to reduce the number of CSO events and total outfall volumes on the north side of the Wabash River by providing storage for wet weather flows that currently overflow.

Currently, there are ten permitted CSO overflows. During wet weather events, many of the overflows discharge untreated sewage into the local waterways. The improvements associated with this project will directly reduce the overflows at CSOs locations:

(002) Chestnut St. & Second St, (003) Holman St. & West Canal St., (004) Grant St. & West Canal, (006) Cass St. & West Canal St., (008) West Broadway St. & West Canal St., (011) South Wabash St. & East River Road, (012) Huntington St. & East Canal St., (014) Tippecanoe St. & E. Canal St., (015) Benton St. & E. Canal St., (016) Smith St. & Canal St. Jamin Beisiegel presented the board with 4 alternatives in the chart below:

City of Peru, IN CSO LTCP Project - Wet-Weather Facility Engineer's Preliminary Opinion of Probable Construction Cost		Alternative 1	Alternative 2	Alternative 3	Alternative 4
Item	Description				
1	2nd Street/Canal Street 72" Dia Conveyance Sewer/Inline Storage (0.5 MG)	\$0	\$9,689,000	\$0	\$0
2	2nd Street/Canal Street 140" Dia Conveyance Sewer/Inline Storage (1.5 MG)	\$0	\$15,800,000	\$0	\$0
3	2nd Street/Canal Street 72" Dia Conveyance Sewer/Inline Storage (1.5 MG)	\$0	\$0	\$0	\$24,254,000
4	2nd Street/Canal Street 140" Dia Conveyance Sewer/Inline Storage (3.0 MG)	\$27,798,000	\$0	\$0	\$0
5	2nd Street/Canal Street 140" Dia Conveyance Sewer/Inline Storage (5.0 MG)	\$0	\$0	\$39,153,000	\$0
6	12" HDPE FM with 24" Casing for River Crossing (Directional Bore)	\$1,594,000	\$1,594,000	\$0	0
7	72" FRP Gravity for River Crossing (Jack and Bore)	\$2,476,000	\$2,476,000	\$2,476,000	\$2,476,000
8	2.5 MG Under Ground Storage Closed Top Tank at Electrical Site	\$18,169,000	\$18,169,000	\$0	\$0
9	2.5 MG Under Ground Storage Open Top Tank at WWTP	\$14,580,000	\$0	\$0	\$0
10	3.0 MG Under Ground Storage Open Top Tank at WWTP	\$0	\$0	\$17,365,000	\$0
11	3.5 MG Under Ground Storage Open Top Tank at WWTP	\$0	\$18,159,000	\$0	\$0
12	6.5 MG Under Ground Storage Open Top Tank at WWTP	\$0	\$0	\$0	\$27,795,000
13	Sewer Lining along Canal Street Between CSO 002 and CSO 016	\$2,562,000	\$2,562,000	\$2,562,000	\$2,562,000
14	Sewer Lining along Riverside Drive Between Broadway and WWTP	\$812,000	\$812,000	\$812,000	\$812,000
15	CSO 011 Separation Project	\$1,465,000	\$1,465,000	\$1,465,000	\$1,465,000
16	RR Underpass Project	\$3,600,000	\$3,600,000	\$3,600,000	\$3,600,000
17	WWTP UV Project	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000
Mobilization-Demobilization - 5%		\$3,778,000	\$3,842,000	\$3,497,000	\$3,274,000
Sub-Total Cost		\$79,334,000	\$80,668,000	\$73,430,000	\$68,738,000
Contingency - 10%		\$7,933,000	\$8,067,000	\$7,343,000	\$6,874,000
<b>Total Construction Cost</b>		<b>\$87,267,000</b>	<b>\$88,735,000</b>	<b>\$80,773,000</b>	<b>\$75,612,000</b>
Legal/Bond/Financial (2%)		\$1,745,340	\$1,774,700	\$1,615,460	\$1,512,240
Engineering (Environmental, Design, Permitting and Bidding) (7.5%)		\$6,545,025	\$6,655,125	\$6,027,975	\$5,670,900
Construction Admin (1.75%)		\$1,527,173	\$1,552,863	\$1,413,528	\$1,323,210
Resident Inspection (3.5%)		\$3,054,345	\$3,105,725	\$2,827,055	\$2,646,420
Labor Standards		\$100,000	\$100,000	\$100,000	\$100,000
Land Acquisition		\$1,400,000	\$1,150,000	\$2,000,000	\$500,000
AMP		\$70,000	\$70,000	\$70,000	\$70,000
<b>Total Non-Construction Cost</b>		<b>\$14,371,900</b>	<b>\$14,338,500</b>	<b>\$14,014,100</b>	<b>\$11,752,800</b>
<b>Total Project Cost</b>		<b>\$101,638,900</b>	<b>\$103,073,500</b>	<b>\$94,787,100</b>	<b>\$87,364,800</b>
<b>Alternatives:</b>					
Alternative 1 - 2.5 MG Storage Tank at WWTP with 1.5 MG of 140" Dia to store CSOs 002, 003, 004, 006; 2.5 MG Storage Tank at Electrical Site with 1.5 MG of 140" Dia to store CSOs 008, 012, 014, 015 & 016					
Alternative 2 - 3.5 MG Storage Tank at WWTP with 0.5 MG of 72" Dia to store CSOs 002, 003, 004, 006; 2.5 MG Storage Tank at Electrical Site with 1.5 MG of 140" Dia to store CSOs 008, 012, 014, 015 & 016					
Alternative 3 - 3.0 MG Storage Tank at WWTP with 5.0 MG of 140" Dia to store CSOs 002, 003, 004, 006, 008, 012, 014, 015 & 016					
Alternative 4 - 6.5 MG Storage Tank at WWTP with 1.5 MG of 72" Dia to store CSOs 002, 003, 004, 006, 008, 012, 014, 015 & 016					

The goal is to maximize the existing WWTP capacity during rain events and to store all additional CSO volume generated by 10-year 1-HR rain event, at all CSO locations. The stored CSO volume will then be dewatered within 48 hours by pumping to the WWTP for full secondary treatment. Wet-Weather alternatives are based upon a necessary storage volume of 8.0 MG to ensure all CSO volume generated by the 10 year 1-Hr rain event is stored.

Mr. Beisiegel explained that Alternative 4 is the recommended alternative for the following reasons:

1. Alternative 4 has the lowest Life Cycle Cost - (Total Project Cost \$87,364,800.00)
2. Uses a 72” sewer that is easy to install within the existing pavement along Second Street, Freemont Street and Canal Street
3. Conveys all CSO volume to a single storage location
4. One dewatering pump station at the storage tank simplifies the dewatering of the CSO volume after each rain event.
5. Requires less land acquisition. This project will disrupt access to Peru Utilities customers’ homes and businesses over a two-year period.

Project Schedule:

PER Public Hearing	May 2022
Start Design	August 1, 2022
Prepare GSC RFQ	November 4, 2022
Select GSC Provider	December 23, 2022
Receive Guaranteed Maximum Price (GMP)	April 7, 2023
Submit Plans and Specifications to IDEM	May 26, 2023
Property Acquisition Complete	July 1, 2023
SRF Loan Closing	September 6, 2023
Initiation of Construction	October 7, 2023
Final Completion	October 3, 2025

The impact on Peru Utilities rates: Currently \$36.00 for 4,000 gallons to \$126.00 for 4,000 gallons, this does not include the plant. Mr. Chance stated that there are grants, SRF loans and federal money that we will be applying for and that this will be the most expensive project in the history of Peru Utilities. It was discussed to bid the project as a Guaranteed Savings Contract: Peru Utilities interviews contractors and we would get a guaranteed maximum amount for the project. Mr. Chance suggested that we schedule a public meeting, to form a committee of 10 to 15 members to represent the public.

7.) **CITY ADMINISTRATION UPDATE:** Mayor Hewitt was absent after suffering a mild heart attack on Friday according to a news release and social media post from his office. He is fortunate enough to continue performing his duties as Mayor via telephone calls and one-on-one virtual meetings with select members of his staff, the release said.

8.) **CITY ATTORNEY UPDATE:** Mr. Kerns has nothing to report currently.

9.) **MANAGER’S REPORT:**

**INDOT MEETING:**

A culvert located at Highway 31 and 300 South: Indiana Department of Transportation is requiring Peru Utilities to relocate wastewater lines, resulting in boring under highway 31

and moving the lines to a different area. The lines are only 30 years old and in good are in good condition. INDOT will be pay for the project if it is not considered an improvement. If it is an improvement, we will pay 10% of our revenue for that utility (2021 revenue calculates to \$288,000) and Peru Utilities would have to pay the remainder of the amount owed. Mr. Beisiegel is still discussing the project with the engineers and will keep the board informed.

**MIAMI COUNTY CORRECTION FACILITY:**

Mr. Chance stated that on May 9th, Peru Utilities electric department will need to take the MCF out of power to make a temporary connection with the new Isotope facility located near the prison. Mr. Beisenbach is coordinating the outage with the prison; they will be evaluating their generators and the same time.

**ADJOURNMENT:**

*There being no further business to bring before the Board, Richard Donoho made a motion to adjourn. Board member Chris McKinney seconded the motion. The motion passed, the meeting adjourned.*

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Jami Edwards, Secretary Peru Utilities Service Board

