



WHITAKER
ENGINEERING



ADDENDUM NO. 4

DATE: September 29, 2026
PROJECT: WWTP CSO 1 Improvements
OWNER: City of Elwood
ENGINEER: Whitaker Engineering

TO: PROSPECTIVE BIDDERS

This Addendum forms a part of the Contract Documents and modifies the original Drawings and Project Manual dated September 1, 2026. The information included in this Addendum shall become a part of the basic Drawings and Project Manual, the same as if originally incorporated therein. The original Drawings and Project Manual shall remain in their entirety, except as modified by Addendum. The items herein supersede information in the Drawings and Project Manual.

Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of one (1) page and the following attachments:

1. Toric Engineering I/O List (2 pages)

GENERAL CLARIFICATIONS:

1. A time sensitive request for Toric Engineering's I/O list has been made. The list is attached and is intended to supplement sheet D401 – CONTROL LOGIC PLAN.
2. All additional outstanding contractor questions will be addressed in a forthcoming addendum posted tomorrow (Wednesday, September 30, 2026).

END OF ADDENDUM NO. 4

CSO PLC CONTROL PANEL

DIGITAL INPUTS:

NOTES:

SITE POWER FAIL	
ATS SWITCH POSITION - NORMAL	
ATS SWITCH POSITION - EMERGENCY	
ATS - NORMAL SOURCE AVAILABLE	
BAR SCREEN RUNNING	
BAR SCREEN FAIL	
COMPACTOR RUNNING	
COMPACTOR FAIL	
WET WEATHER PUMP 1 IN AUTO	
WET WEATHER PUMP 1 RUNNING	
WET WEATHER PUMP 1 FAIL	
WET WEATHER PUMP 1 SEAL LEAK	
WET WEATHER PUMP 1 OVER TEMP	
WET WEATHER PUMP 2 IN AUTO	
WET WEATHER PUMP 2 RUNNING	
WET WEATHER PUMP 2 FAIL	
WET WEATHER PUMP 2 SEAL LEAK	
WET WEATHER PUMP 2 OVER TEMP	
WET WEATHER PUMP 3 IN AUTO	
WET WEATHER PUMP 3 RUNNING	
WET WEATHER PUMP 3 FAIL	
WET WEATHER PUMP 3 SEAL LEAK	
WET WEATHER PUMP 3 OVER TEMP	
WET WEATHER WETWELL HIGH LEVEL FLOAT	VIA NEW FLOAT
WET WEATHER WETWELL LOW LEVEL FLOAT	VIA NEW FLOAT
SODIUM BISULFITE PUMP 1 RUNNING	(FUTURE)
SODIUM BISULFITE PUMP 1 FAIL	(FUTURE)
SODIUM BISULFITE PUMP 2 RUNNING	(FUTURE)
SODIUM BISULFITE PUMP 2 FAIL	(FUTURE)
SODIUM HYPOCHLORITE PUMP 1 RUNNING	(FUTURE)
SODIUM HYPOCHLORITE PUMP 1 FAIL	(FUTURE)
SODIUM HYPOCHLORITE PUMP 2 RUNNING	(FUTURE)
SODIUM HYPOCHLORITE PUMP 2 FAIL	(FUTURE)

DIGITAL OUTPUTS:

WET WEATHER PUMP 1 START COMMAND
WET WEATHER PUMP 2 START COMMAND
WET WEATHER PUMP 3 START COMMAND

ANALOG INPUTS:

WET WEATHER WETWELL LEVEL	VIA NEW RADAR LEVEL TRANSMITTER
WET WEATHER PUMP 1 SPEED FEEDBACK	
WET WEATHER PUMP 2 SPEED FEEDBACK	
WET WEATHER PUMP 3 SPEED FEEDBACK	
SODIUM BISULFITE TANK LEVEL	(FUTURE)
SODIUM HYPOCHLORITE TANK LEVEL	(FUTURE)
EFFLUENT CHAMBER LEVEL	VIA NEW RADAR LEVEL TRANSMITTER

ANALOG OUTPUTS:

WET WEATHER PUMP 1 SPEED REFERENCE
WET WEATHER PUMP 2 SPEED REFERENCE
WET WEATHER PUMP 3 SPEED REFERENCE

ETHERNET:

BASEMENT REMOTE I-O CONTROL PANEL
GENERATOR

FIBER:

BLOWER BUILDING

BASEMENT REMOTE I/O CONTROL PANEL

DIGITAL INPUTS:

NOTES:

NON-POTABLE PUMP 1 RUNNING	
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NON-POTABLE PUMP 1 FAIL	
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NON-POTABLE PUMP 2 RUNNING	
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NON-POTABLE PUMP 2 FAIL	
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EFFLUENT FLOW TOTAL PULSE	
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VIA NEW MAG FLOW METER	
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DIGITAL OUTPUTS:

ANALOG INPUTS:

FREE CHLORINE LEVEL	
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VIA NEW CHLORINE ANALYZER	
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TOTAL CHLORINE LEVEL	
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VIA NEW CHLORINE ANALYZER	
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NON-POTABLE SYSTEM FLOW	
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VIA ULTRASONIC FLOW METER	
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NON-POTABLE SYSTEM PRESSURE	
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VIA NEW PRESSURE TRANSMITTER	
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STORM KING PRESSURE	
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VIA NEW PRESSURE TRANSMITTER	
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EFFLUENT INSTANTANEOUS FLOW	
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VIA NEW MAG FLOW METER	
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ANALOG OUTPUTS:

SAMPLER PACING SIGNAL	
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ETHERNET:

CSO PLC CONTROL PANEL	
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FIBER:
