



September 23, 2025

Mayor Guy Titus
Board of Public Works and Safety
10 South State Street
Greenfield, IN 46140

Re: WWTP Improvements Project: Certificate of Substantial Completion

Mayor and Board Members,

Commonwealth Engineers, Inc. has recommended approval of the Certificate of Substantial Completion for the WWTP Improvements Project. Substantial Completion for the project was achieved on February 13, 2025. As of February 13, 2025, the WWTP was operational, and the City was receiving beneficial use of the project. The number of items on the initial punch list warranted delaying the issuance of the certificate until the items were reduced to a manageable punch list. FA Wilhelm has been working over the past several months to address many of these items, with only a handful remaining to be corrected.

At this time, I am requesting the Board's acceptance of the recommendation from Commonwealth Engineers, Inc. for the approval of the WWTP Improvements Project Certificate of Substantial Completion for FA Wilhelm Construction. Please let me know if you have any questions or need any additional information regarding this request.

Best Regards,

A handwritten signature in blue ink, appearing to read "Nicholas Dezelan".

Nicholas Dezelan, CHMM, ASP
Wastewater Utility Manager

Wastewater Utility
302 East Davis Road: Greenfield, Indiana 46140
wwtp@greenfieldin.org
Phone 317-477-4360 Fax 317-477-4361

CERTIFICATE OF SUBSTANTIAL COMPLETION

Owner: City of Greenfield Owner's Project No.:
Engineer: Commonwealth Engineers, Inc. Engineer's Project No.: S20046
Contractor: F.A. Wilhelm Construction Contractor's Project No.:
Project: Wastewater Treatment Plant Improvements Project
Contract Name: Wastewater Treatment Plant Improvements Project

This ☐ Preliminary ☒ Final Certificate of Substantial Completion applies to:

☒ All Work ☐ The following specified portions of the Work:

*Applies to WWTP Improvements work and does not include demolition work

Date of Substantial Completion: February 13, 2025

The Work to which this Certificate applies has been inspected by authorized representatives of Owner, Contractor, and Engineer, and found to be substantially complete. The Date of Substantial Completion of the Work or portion thereof designated above is hereby established, subject to the provisions of the Contract pertaining to Substantial Completion. The date of Substantial Completion in the final Certificate of Substantial Completion marks the commencement of the contractual correction period and applicable warranties required by the Contract.

A punch list of items to be completed or corrected is attached to this Certificate. This list may not be all-inclusive, and the failure to include any items on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

Amendments of contractual responsibilities recorded in this Certificate should be the product of mutual agreement of Owner and Contractor; see Paragraph 15.03.D of the General Conditions.

The responsibilities between Owner and Contractor for security, operation, safety, maintenance, heat, utilities, insurance, and warranties upon Owner's use or occupancy of the Work must be as provided in the Contract, except as amended as follows:

Amendments to Owner's Responsibilities: ☒ None ☐ As follows:

Amendments to Contractor's Responsibilities: ☒ None ☐ As follows:

Warranty Period*,

* One year warranty inspection to be completed on January 13, 2026.

The following documents are attached to and made a part of this Certificate:

Punch List

This Certificate does not constitute an acceptance of Work not in accordance with the Contract Documents, nor is it a release of Contractor's obligation to complete the Work in accordance with the Contract Documents.

Engineer: Commonwealth Engineers, Inc.

By (signature): Meghan Pintozzi
Name (printed): Meghan Pintozzi
Title: P.E.

Owner: City of Greenfield

By (signature): _____
Name (printed): _____
Title: _____

Contractor: F.A. Wilhelm Construction

By (signature): Nathan S Crowell
Name (printed): Nathan Crowell
Title: Operations Manager

ATTACHMENT TO CERTIFICATE OF PARTIAL SUBSTANTIAL COMPLETION
City of Greenfield - Wastewater Treatment Plant Improvements Project
Project Punchlist For
F.A. Wilhelm Construction

Date: 9/18/2025

| Item No. | Work Area | Work Item Description | Estimated Value to Complete | Retainage Amount to Withhold (200% of Estimated Value) | Notes | Date Completed |
|----------|---------------------------------|--|-----------------------------|--|--|----------------|
| | | | | | | |
| 1 | GENERAL / ADMINISTRATIVE | Complete and Submit As-built Drawings | Full Retainage | Full Retainage | | |
| 2 | | Remove and Replace Metal Roofs | \$ 700,000.00 | \$ 1,400,000.00 | Metal roofs, gutters, downspouts, and ancillary components to be inspected during and after installation | |
| 3 | | Finalize costs for City furnished power for Contractor use | \$ 25,000.00 | \$ 50,000.00 | | |
| 4 | | Finalize costs for City furnished water for Contractor use | \$ 25,000.00 | \$ 50,000.00 | | |
| 5 | | Project Demobilization | \$ 175,000.00 | \$ 350,000.00 | | |
| 6 | SITE WORK / STRUCTURES | Final Site Grading and Restoration | \$ 250,000.00 | \$ 500,000.00 | Remaining scope too extensive to itemize | |
| 7 | | Paving | \$ - | \$ - | Scheduled Pay Item | |
| 8 | | Site Fencing & Gates | \$ - | \$ - | Scheduled Pay Item | |
| 9 | | Remove stone at laydowns, regrade, and seed | \$ 20,000.00 | \$ 40,000.00 | | |
| 10 | | Install chimney seals for manholes and test | \$ 18,000.00 | \$ 36,000.00 | | |
| 11 | | Coordinate final inspection of manholes with City | \$ 2,000.00 | \$ 4,000.00 | | |
| 12 | | Adjust manhole grades between Headworks and SBR | \$ 1,000.00 | \$ 2,000.00 | | |
| 13 | | Grout lifting lugs in the precast top for Structure No. 105 | | \$ - | REMOVED FROM LIST | X |
| 14 | | Structure No. 105 - Top not sealed | \$ 150.00 | \$ 300.00 | | |
| 15 | | Structure No. 105 - Waterproofing membrane pulling away and blocking flowline at 42" 90 bend drop pipe | \$ 3,000.00 | \$ 6,000.00 | | |
| 16 | | Manhole No. 114 has a flashlight on bench wall | \$ 100.00 | \$ 200.00 | | |
| 17 | | Manhole No. 123 - Casting not sealed | \$ 150.00 | \$ 300.00 | | |
| 18 | | Structure No. 104 - Grout needs redone | \$ 250.00 | \$ 500.00 | | |
| 19 | | Structure south of Structure No. 206 - Remove foam around pipe and grout | \$ 250.00 | \$ 500.00 | | |
| 20 | | Add stormwater detention tank structure to as-built drawings | \$ - | \$ - | | |
| 21 | | City could not evaluate Manholes 100, 101, 102, 104, 116, 117 due to grading | \$ 1,500.00 | \$ 3,000.00 | Coordinate final inspections after grading work is complete | |
| 22 | | Move MH 100 and 101 on as-builts to show updated effluent pipe | \$ - | \$ - | | |
| 23 | | Demo existing vault on north side of Structure L | \$ 3,000.00 | \$ 6,000.00 | | |
| 24 | | Remove and replace sections of cracked sidewalk around the SBR | \$ 3,500.00 | \$ 7,000.00 | | |
| 25 | | Extend sidewalk around the south side of the 42" influent vertical stand pipe | | \$ - | REMOVED FROM LIST | X |
| 26 | | Install bollards on west side of retaining wall at effluent meter pit | | \$ - | REMOVED FROM LIST | X |
| 27 | | Valve pit | \$ 2,500.00 | \$ 5,000.00 | Northside of storage barn needs replaced | |

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City of Greenfield - Wastewater Treatment Plant Improvements Project
Project Punchlist For
F.A. Wilhelm Construction

Date: 9/18/2025

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|----------|--|--|-----------------------------|--|--|----------------|
| 28 | | Repair/Replace Existing Storm Line and Outfall | \$ 5,000.00 | \$ 10,000.00 | NE corner of old plant | |
| 29 | | Reducing fittings on gas piping are required to be eccentric per specifications | \$ 2,500.00 | \$ 5,000.00 | | |
| 30 | | Loose conduit and seal tight fittings throughout the treatment plant, fittings required to be installed/tightened per UL 514 | \$ 10,000.00 | \$ 20,000.00 | | |
| 31 | ADMINISTRATION BUILDING - EXTERIOR | Coordinate with City to finish doors | \$ 1,000.00 | \$ 2,000.00 | | |
| 32 | | Clean HVAC units | \$ 200.00 | \$ 400.00 | | |
| 33 | | Provide City with Hydrant Keys | \$ 250.00 | \$ 500.00 | | |
| 34 | | Trim bituminous at HVAC duct work - West side of building | \$ 100.00 | \$ 200.00 | | |
| 35 | | Prep and paint rusting conduits at HVAC equipment | \$ 100.00 | \$ 200.00 | | |
| 36 | | Reroute HVAC drains to off the equipment pad | \$ 500.00 | \$ 1,000.00 | | |
| 37 | | Touch up scratches on top of HVAC equipment | \$ 200.00 | \$ 400.00 | | |
| 38 | | Repair damaged curb sections | \$ 500.00 | \$ 1,000.00 | | |
| 39 | | Discolored block in multiple locations - clean | \$ 3,500.00 | \$ 7,000.00 | | |
| 40 | | Replace broken downspout transitions | \$ 250.00 | \$ 500.00 | | |
| 41 | | Cracked mortar above east entrance | \$ 200.00 | \$ 400.00 | | |
| 42 | | Redo caulk at east entrance door | \$ 200.00 | \$ 400.00 | | |
| 43 | | Redo storm line holding water on west side of building | \$ 10,000.00 | \$ 20,000.00 | | |
| 44 | | Clean masonry at NW door | \$ 200.00 | \$ 400.00 | | |
| 45 | | Redo caulk at middle door - north side | \$ 200.00 | \$ 400.00 | | |
| 46 | | Patch cast stone at gutter south of Lab Entry door | \$ 150.00 | \$ 300.00 | | |
| 47 | | Damp block at middle door - north side | \$ 1,000.00 | \$ 2,000.00 | | |
| 48 | | Gaps in mortar above break room windows | \$ 250.00 | \$ 500.00 | | |
| 49 | | Change caulk to match sills at pedestals | \$ 1,000.00 | \$ 2,000.00 | | |
| 50 | | Fill gaps beneath lintel on south side of building | \$ 250.00 | \$ 500.00 | | |
| 51 | ADMINISTRATION BUILDING - INTERIOR GENERAL | Above Ceiling - Re-route control wires from above plenum walkway, route wiring below walkway | \$ 1,500.00 | \$ 3,000.00 | | |
| 52 | | Install project plaque | \$ 2,500.00 | \$ 5,000.00 | | |
| 53 | ADMINISTRATION BUILDING - INTERIOR, LAB ENTRY | Wall base below service window | \$ 150.00 | \$ 300.00 | Paint needs removed, touch up wall | |
| 54 | | Light switch, exterior door | \$ 150.00 | \$ 300.00 | Not flush with wall | |
| 55 | | Touch up paint | \$ 500.00 | \$ 1,000.00 | Entire room | |
| 56 | | Service Window | \$ 150.00 | \$ 300.00 | Paint splatter needs removed, touch up around window | |

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|----------|---|-------------------------------------|-----------------------------|--|--|----------------|
| 57 | ADMINISTRATION BUILDING - INTERIOR, MULTIPLE ROOMS | Block wall near ceiling | \$ 500.00 | \$ 1,000.00 | Touch up paint | |
| 58 | | Floor transition at wall base | \$ 1,500.00 | \$ 3,000.00 | Clear coat issue, dull appearance | |
| 59 | | Flooring issue | \$ 1,500.00 | \$ 3,000.00 | Repair damaged spots throughout building | |
| 60 | | Touch up paint all walls | \$ 1,000.00 | \$ 2,000.00 | | |
| 61 | ADMINISTRATION BUILDING - INTERIOR, MENS RESTROOM | East door | \$ 150.00 | \$ 300.00 | Paint edge above caulk to match wall | |
| 62 | | East door | \$ 150.00 | \$ 300.00 | Paint on floor | |
| 63 | | Trim board by lockers | \$ 300.00 | \$ 600.00 | Needs caulked/painted | |
| 64 | ADMINISTRATION BUILDING - INTERIOR, WOMENS RESTROOM | Lockers | \$ 150.00 | \$ 300.00 | Paint splatter needs removed | |
| 65 | ADMINISTRATION BUILDING - INTERIOR, LAUNDRY ROOM | Repairs by W/H | \$ 200.00 | \$ 400.00 | Needs painted | |
| 66 | | Light | \$ 200.00 | \$ 400.00 | Appears to not be seated properly | |
| 67 | ADMINISTRATION BUILDING - INTERIOR, MUD ROOM | Trim board by lockers | \$ 200.00 | \$ 400.00 | Needs caulk; paint trim to match wall | |
| 68 | ADMINISTRATION BUILDING - INTERIOR, ENTRY | Service Window | \$ 150.00 | \$ 300.00 | Paint caulk | |
| 69 | | Interior Door | \$ 300.00 | \$ 600.00 | Catching at the top, needs adjusted | |
| 70 | | Exterior Frames and Doors | \$ 500.00 | \$ 1,000.00 | Need painted | |
| 71 | ADMINISTRATION BUILDING - INTERIOR, MECHANICAL CLOSET (EAST) | Label panel | \$ 150.00 | \$ 300.00 | | |
| 72 | | Touch up paint above switch | \$ 150.00 | \$ 300.00 | | |
| 73 | ADMINISTRATION BUILDING - INTERIOR, ELECTRICAL STORAGE | Air intakes need sealed | \$ 300.00 | \$ 600.00 | | |
| 74 | | Gas line loose/not attached to pipe | \$ 200.00 | \$ 400.00 | Needs to be secured; touch paint as needed | |
| 75 | | Door not closing completely | \$ 300.00 | \$ 600.00 | Latch plate is hitting the door jamb | |
| 76 | | Paint north wall | \$ 300.00 | \$ 600.00 | | |
| 77 | | Dents south of doorway | \$ 300.00 | \$ 600.00 | | |
| 78 | ADMINISTRATION BUILDING - INTERIOR, SCADA / CONTROL ROOM | Paint door and frame | \$ 300.00 | \$ 600.00 | | |
| 79 | ADMINISTRATION BUILDING - INTERIOR, LAB FLEX OFFICE | Hallway Door | \$ 500.00 | \$ 1,000.00 | Not plumb | |
| 80 | | Exterior Door | \$ 500.00 | \$ 1,000.00 | Not plumb | |

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Project Punchlist For
F.A. Wilhelm Construction

Date: 9/18/2025

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| 81 | ADMINISTRATION BUILDING - INTERIOR, CONFERENCE ROOM | Door | \$ 500.00 | \$ 1,000.00 | Doesn't always close, needs adjusted | |
| 82 | | Middle pane of south window has a bubble in it | \$ 500.00 | \$ 1,000.00 | | |
| 83 | ADMINISTRATION BUILDING - INTERIOR, FILE ROOM | Ceiling in SE corner | \$ 300.00 | \$ 600.00 | | |
| 84 | | Touch up paint door and frame | \$ 150.00 | \$ 300.00 | | |
| 85 | ADMINISTRATION BUILDING - INTERIOR, LAB MECHANICAL ROOM | Paint caulk in corner | \$ 150.00 | \$ 300.00 | | |
| 86 | | Paint above outlet by W/H | \$ 150.00 | \$ 300.00 | | |
| 87 | | Touch up paint door and frame | \$ 150.00 | \$ 300.00 | | |
| 88 | | Backflow Preventer | \$ 300.00 | \$ 600.00 | Modify insulation to allow access to valves | |
| 89 | ADMINISTRATION BUILDING - INTERIOR, LAB STORAGE | Touch up paint around water lines | \$ 150.00 | \$ 300.00 | | |
| 90 | | Caulk wall/floor joint | \$ 200.00 | \$ 400.00 | | |
| 91 | | Caulk wall penetrations | \$ 200.00 | \$ 400.00 | | |
| 92 | ADMINISTRATION BUILDING - INTERIOR, HALLWAY | Flooring issue at sequencing patch | \$ 2,000.00 | \$ 4,000.00 | Needs addressed again | |
| 93 | | Flooring | \$ 1,500.00 | \$ 3,000.00 | Repair damaged spots throughout building | |
| 94 | ADMINISTRATION BUILDING - INTERIOR, BREAK ROOM | Sink and drinking fountain / bottle fill station has rust on the edges | \$ 750.00 | \$ 1,500.00 | | |
| 95 | INFLUENT PUMP STATION ELECTRICAL BUILDING - INTERIOR | Coordinate with City to finish doors | \$ 500.00 | \$ 1,000.00 | | |
| 96 | | Final Clean Building | \$ 500.00 | \$ 1,000.00 | | |
| 97 | | Caulk masonry wall to floor joints expansion joint where slab meets wall | \$ 250.00 | \$ 500.00 | | |
| 98 | | Tighten ABB covers | \$ 150.00 | \$ 300.00 | | |
| 99 | | Fire alarm panel | \$ 150.00 | \$ 300.00 | Loose conduit from fitting in floor | |
| 100 | | Flooring transition to wall | \$ 300.00 | \$ 600.00 | Grout by O/H door | |
| 101 | | Influent pumping station wet well cleaning cycle programming | \$ - | \$ - | Change Order Scope | |
| 102 | | Control panel | \$ 150.00 | \$ 300.00 | Needs final clean | |
| 103 | | T conduit fittings below Raw Sewage Pump VFDs are not accessible per Section 314.29(A)(B) of NEC | \$ 1,500.00 | \$ 3,000.00 | | |

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|----------|---|--|-----------------------------|--|--|----------------|
| 104 | INFLUENT PUMP STATION ELECTRICAL BUILDING - EXTERIOR | Coordinate with City to finish doors | \$ 500.00 | \$ 1,000.00 | | |
| 105 | | Discolored masonry walls - clean | \$ 1,000.00 | \$ 2,000.00 | | |
| 106 | | Paint block at overhead door | \$ 250.00 | \$ 500.00 | | |
| 107 | | Grind, rub, and paint opening at overhead door | \$ 500.00 | \$ 1,000.00 | | |
| 108 | | Additional supports for heat pump lines | \$ 200.00 | \$ 400.00 | | |
| 109 | | Additional LP conduit supports | \$ 100.00 | \$ 200.00 | | |
| 110 | | Fill gaps in insulation for heat pump lines | \$ 150.00 | \$ 300.00 | | |
| 111 | | Rusty conduit above east door | \$ 100.00 | \$ 200.00 | | |
| 112 | | A/C condensate line | | \$ - | REMOVED FROM LIST | X |
| 113 | | North door | \$ 500.00 | \$ 1,000.00 | Rust on lights | |
| 114 | | Lights/Horn | \$ 250.00 | \$ 500.00 | Rust on conduit fittings | |
| 115 | INFLUENT PUMP STATION - WETWELL | Clean pump disconnects | \$ 250.00 | \$ 500.00 | | |
| 116 | | Paint face of vent pipe 90s and install screens | \$ 500.00 | \$ 1,000.00 | | |
| 117 | | Caulk bottom joint of stairwell block-expansion joint where slab meets wall | \$ 200.00 | \$ 400.00 | | |
| 118 | | Seal between deck and electrical boxes - north and south sides | \$ 150.00 | \$ 300.00 | | |
| 119 | | Caulk around louver opening to flush with concrete deck to eliminate ponding | \$ 200.00 | \$ 400.00 | | |
| 120 | | Touch up paint for vent pipes - no red | \$ 150.00 | \$ 300.00 | | |
| 121 | | Clean grease out of middle gate sight glass | \$ 100.00 | \$ 200.00 | | |
| 122 | | Grout slide gate frames | \$ 750.00 | \$ 1,500.00 | | |
| 123 | | Coat anchors and plate at middle gate | \$ 100.00 | \$ 200.00 | | |
| 124 | | Exhaust/vent piping | \$ 200.00 | \$ 400.00 | Starting to show rust | |
| 125 | | SW Hatch | \$ 150.00 | \$ 300.00 | Needs cleaned | |
| 126 | | Unistrut caps | \$ 250.00 | \$ 500.00 | Needs trimmed for better fit, caps are falling off | |
| 127 | | Grout lifting lugs in the precast lid | | \$ - | REMOVED FROM LIST | X |
| 128 | | Grout ARV blowoff line at precast wall - in and out | \$ 100.00 | \$ 200.00 | | |
| 129 | | Install SS bolts and nuts at ARVs | \$ 250.00 | \$ 500.00 | | |
| 130 | INFLUENT PUMP STATION - ARV VAULT | Paint DI pipe at bolts at connection point to PVC drain | \$ 100.00 | \$ 200.00 | | |
| 131 | | Clean bottom of vault | \$ 150.00 | \$ 300.00 | | |
| 132 | | Paint isolation valves for ARVs | \$ 150.00 | \$ 300.00 | | |

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|----------|---|---|-----------------------------|--|--|----------------|
| 133 | | Grout lifting lugs in the precast sidewall | | \$ - | REMOVED FROM LIST | X |
| 134 | | Touch up paint underside of 24" force mains | \$ 150.00 | \$ 300.00 | | |
| 135 | INFLUENT PUMP STATION - VALVE VAULT ACCESS BUILDING (INTERIOR) | Coordinate with City to finish doors | \$ 500.00 | \$ 1,000.00 | | |
| 136 | | Grout conduit penetrations through the wall | \$ 150.00 | \$ 300.00 | Lower level | |
| 137 | | Paint grout patches in entrance | \$ 150.00 | \$ 300.00 | | |
| 138 | | Seal conduit penetrations in west wall and paint | \$ 150.00 | \$ 300.00 | | |
| 139 | | Exhaust fan noise - continuous | | \$ - | REMOVED FROM LIST | X |
| 140 | | Install kick plate for handrail on upper landing | \$ 250.00 | \$ 500.00 | | |
| 141 | | Exhaust fan/louver | \$ 1,500.00 | \$ 3,000.00 | Running at low speed/ barely opens louvers | |
| 142 | | Ceiling Tile | \$ 250.00 | \$ 500.00 | Patch hole or replace tile above stairs | |
| 143 | INFLUENT PUMP STATION - VALVE VAULT ACCESS BUILDING (EXTERIOR) | Coordinate with City to finish doors | \$ 500.00 | \$ 1,000.00 | | |
| 144 | | Patch holes in block - south wall | \$ 150.00 | \$ 300.00 | | |
| 145 | | Patch and paint west face of access door | \$ 150.00 | \$ 300.00 | Unused holes drilled in the door | |
| 146 | | Discolored block - Clean | \$ 500.00 | \$ 1,000.00 | | |
| 147 | INFLUENT PUMP STATION - VALVE VAULT | Paint bottom of DI pipe, 3rd pump from south wall | \$ 150.00 | \$ 300.00 | | |
| 148 | | Prep and paint valve bolts on south run | \$ 150.00 | \$ 300.00 | | |
| 149 | | Prep and paint face of wall pipes with all thread rods | \$ 300.00 | \$ 600.00 | | |
| 150 | | Additional supports for hatch drain line | \$ 100.00 | \$ 200.00 | | |
| 151 | | Final clean slab and pipe | \$ 250.00 | \$ 500.00 | | |
| 152 | | Final clean trench drain and sump | \$ 250.00 | \$ 500.00 | | |
| 153 | | Prep and paint bolts on ARV drain line at flanges | \$ 150.00 | \$ 300.00 | | |
| 154 | | Remove concrete from conduits at NE corner | \$ 250.00 | \$ 500.00 | | |
| 155 | | Groundwater leak at north wall to slab joint - injection | \$ 2,500.00 | \$ 5,000.00 | Still leaking | |
| 156 | | Paint north side of 24" force main piping at grating | \$ 150.00 | \$ 300.00 | | |
| 157 | | Paint restraint rods at 24" force main vertical pipes | \$ 150.00 | \$ 300.00 | | |
| 158 | | Additional conduit supports on south wall | \$ 100.00 | \$ 200.00 | | |
| 159 | | Fill gap on north side of door frame with caulk to flush with wall | \$ 200.00 | \$ 400.00 | | |
| 160 | | Touch up DI pipe and valves in lower level of valve vault | \$ 250.00 | \$ 500.00 | | |
| 161 | | Paint restraint rods in lower level of valve vault | \$ 250.00 | \$ 500.00 | | |
| 162 | | Remove test assemblies / fill ports in the lower level of the valve vault | \$ 250.00 | \$ 500.00 | Coordinate with City | |

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| 163 | | Touch up pipe labels in the lower level of the valve vault | \$ 150.00 | \$ 300.00 | | |
| 164 | | Additional pipe supports for hatch drain line in the lower level of valve vault | \$ 100.00 | \$ 200.00 | | |
| 165 | INFLUENT PUMP STATION - CRANE | Complete | \$ - | \$ - | | |
| 166 | VAC SCREENING STRUCTURE | Mandrel and air test drain piping | \$ 2,000.00 | \$ 4,000.00 | | |
| 167 | HEADWORKS FACILITY | Coordinate with City to finish doors | \$ 500.00 | \$ 1,000.00 | | |
| 168 | | Clean construction debris from top of gates inside and outside of building | \$ 150.00 | \$ 300.00 | | |
| 169 | | Grind and patch rusting joint reinforcement in west face of building | \$ 150.00 | \$ 300.00 | | |
| 170 | | Paint insulation for grit pump | \$ 250.00 | \$ 500.00 | | |
| 171 | | Touch up paint grit pump and gear box - gray | \$ 100.00 | \$ 200.00 | | |
| 172 | | Insulation jacketing 90 falling apart at pump discharge piping, replace dented jacketing | \$ 200.00 | \$ 400.00 | | |
| 173 | | Remove tie wire at handrail | \$ 50.00 | \$ 100.00 | | |
| 174 | | Loose conduits | \$ 250.00 | \$ 500.00 | | |
| 175 | | Lower grit pump discharge / raise midrail line at handrail as required to avoid conflict and rework insulation | \$ 750.00 | \$ 1,500.00 | | |
| 176 | | Tighten conduit at screen level sensor | \$ 100.00 | \$ 200.00 | | |
| 177 | | Touch up paint for screen motor | \$ 150.00 | \$ 300.00 | | |
| 178 | | Replace dented insulation on potable water line | \$ 150.00 | \$ 300.00 | | |
| 179 | | Fix block above north door | \$ 150.00 | \$ 300.00 | | |
| 180 | | Grind lintel above door and paint | \$ 250.00 | \$ 500.00 | | |
| 181 | | Install trim for bottom of siding | \$ 500.00 | \$ 1,000.00 | | |
| 182 | | Cold galv top of cut anchors at stairs - inside building | \$ 150.00 | \$ 300.00 | | |
| 183 | | Patch around conduit penetrations to electrical room | \$ 250.00 | \$ 500.00 | | |
| 184 | | Touch up paint top of classifier - gray | \$ 150.00 | \$ 300.00 | | |
| 185 | | Install cover for abandoned NPW pipe on south wall | \$ 400.00 | \$ 800.00 | | |
| 186 | | Replace bent overhead door panels | \$ 2,500.00 | \$ 5,000.00 | | |
| 187 | | Clean structural steel and conduits in dumpster room | \$ 300.00 | \$ 600.00 | | |
| 188 | | Clean unit heater in dumpster room | \$ 150.00 | \$ 300.00 | | |
| 189 | | Prep and caulk slab in the dumpster room | \$ 250.00 | \$ 500.00 | | |
| 190 | | Patch mortar joints, south side of grit influent channel | \$ 150.00 | \$ 300.00 | | |
| 191 | | Discolored block and mortar - Clean | \$ 2,000.00 | \$ 4,000.00 | | |
| 192 | | Turn classifier drain line arrows down | \$ 100.00 | \$ 200.00 | | |
| 193 | | MAU | \$ 500.00 | \$ 1,000.00 | Rust spot and dents | |
| 194 | | South stairs by grit/MAU | \$ 250.00 | \$ 500.00 | Toe plates at landings and top of stairs | |

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|----------|--------------------------------------|---|-----------------------------|--|--|----------------|
| 195 | | Railings and toe plates | \$ 250.00 | \$ 500.00 | Tighten all locations; lower stairs toe plates loose | |
| 196 | | South stairs by grit/MAU | \$ 500.00 | \$ 1,000.00 | Light above stairs in always on | |
| 197 | | South Stairs | \$ 1,500.00 | \$ 3,000.00 | Conduits at top of hand rail need moved (MAU) | |
| 198 | | Need to verify flow signal to sampler | \$ 250.00 | \$ 500.00 | Gallons/pulse needed to program sampler | |
| 199 | | Grit system | \$ 250.00 | \$ 500.00 | Loose conduits and rust on paddle drive housing | |
| 200 | | Grit Disconnects | \$ 200.00 | \$ 400.00 | Check conduits | |
| 201 | | Handrail | \$ 500.00 | \$ 1,000.00 | Move Unistrut from top of handrail | |
| 202 | | West Door (Upper) | \$ 250.00 | \$ 500.00 | Grout corner, above door | |
| 203 | | Exterior Switch Covers | | \$ - | REMOVED FROM LIST | X |
| 204 | | Screen level sensors | \$ 250.00 | \$ 500.00 | Exposed wires, should these be in conduit? | |
| 205 | | Floor drains, both levels | | \$ - | REMOVED FROM LIST | X |
| 206 | | J-Box covers | \$ 300.00 | \$ 600.00 | Check all to make sure they are tight, some still appear to be loose | |
| 207 | | Stairs | \$ 300.00 | \$ 600.00 | Top plates needed at top and at landings | |
| 208 | | Odor Control | \$ 250.00 | \$ 500.00 | Pressure gauge - internal moisture | |
| 209 | | Odor Control | \$ 250.00 | \$ 500.00 | Sensor wire coiled and laying on top of unit | |
| 210 | | Mechanical screen high water level programming | \$ - | \$ - | Change Order Scope | |
| 211 | | Flow meter cables to be installed per C1,D1 requirements, Section 501 of NEC | \$ 2,500.00 | \$ 5,000.00 | | |
| 212 | | LFMC installed at multiple locations, lights, etc. LFMC is not allowed in C1,D1 areas | \$ 5,000.00 | \$ 10,000.00 | | |
| 213 | | Conduits required to be supported per Section 344.30(A)(B) of NEC | \$ 2,500.00 | \$ 5,000.00 | | |
| 214 | HEADWORKS ELECTRICAL BUILDING | Touch up paint for ceiling trim | \$ 250.00 | \$ 500.00 | | |
| 215 | | Anchor generators | | \$ - | REMOVED FROM LIST | X |
| 216 | | Top off fuel for generators | \$ 1,000.00 | \$ 2,000.00 | | |
| 217 | | Anchor transfer switches | \$ 150.00 | \$ 300.00 | | |
| 218 | | Grind, patch lintel above door and paint | \$ 200.00 | \$ 400.00 | | |
| 219 | | Tie HVAC drain into gutter | \$ 400.00 | \$ 800.00 | Coordinate with City | |
| 220 | | Breaker panels | \$ 250.00 | \$ 500.00 | Keys needed | |
| 221 | | Breaker panels | \$ 250.00 | \$ 500.00 | PB1 and PB1A - check conduits for tightness | |
| 222 | | Wire chase below breaker panels | \$ 150.00 | \$ 300.00 | Missing screws on north end of panel | |
| 223 | | Transformer X1 | \$ 250.00 | \$ 500.00 | Tighten conduits | |

ATTACHMENT TO CERTIFICATE OF PARTIAL SUBSTANTIAL COMPLETION
City of Greenfield - Wastewater Treatment Plant Improvements Project
Project Punchlist For
F.A. Wilhelm Construction

Date: 9/18/2025

| Item No. | Work Area | Work Item Description | Estimated Value to Complete | Retainage Amount to Withhold (200% of Estimated Value) | Notes | Date Completed |
|----------|--|--|-----------------------------|--|---------------------------------|----------------|
| 224 | | Spare conduits | \$ 250.00 | \$ 500.00 | Label and provide as-built info | |
| 225 | | SBR starter panel | \$ 150.00 | \$ 300.00 | Provide keys | |
| 226 | SBR PIPE GALLERY - UPPER LEVEL | Coordinate with City to finish doors | \$ 500.00 | \$ 1,000.00 | | |
| 227 | | Heat trace and insulate NPW lines to hydrants | \$ 2,500.00 | \$ 5,000.00 | | |
| 228 | | Paint gray pipe (air), west header in gallery | \$ 200.00 | \$ 400.00 | | |
| 229 | | Touch up paint bolts on 42" influent line | \$ 150.00 | \$ 300.00 | | |
| 230 | | Prep and paint bolts at air line flex connectors | \$ 150.00 | \$ 300.00 | | |
| 231 | | Support grating for south decant line at SBR tank 4 | \$ 500.00 | \$ 1,000.00 | | |
| 232 | | Install handrail | \$ - | \$ - | Change Order Scope | |
| 233 | | Final clean all pipe, conduits, etc. | \$ 1,000.00 | \$ 2,000.00 | | |
| 234 | SBR PIPE GALLERY - LOWER LEVEL | Additional supports for 1" NPW at north end of gallery | \$ 100.00 | \$ 200.00 | | |
| 235 | | Heat trace and insulate NPW lines to hydrants | \$ 1,500.00 | \$ 3,000.00 | | |
| 236 | | Clean concrete off conduits and boxes | \$ 300.00 | \$ 600.00 | | |
| 237 | | Plug hole in 24" blind flange for future decant line and paint | \$ 150.00 | \$ 300.00 | | |
| 238 | | Touch up paint decant lines and bolts at wall pipes | \$ 300.00 | \$ 600.00 | | |
| 239 | | Inject walls at visible leaks | \$ 5,000.00 | \$ 10,000.00 | | |
| 240 | | Cut/chip concrete on south side of 2nd concrete support at floor | \$ 300.00 | \$ 600.00 | | |
| 241 | | Paint top of pipe at 2nd saddle support from south end | \$ 150.00 | \$ 300.00 | | |
| 242 | | Paint bottom of 42" effluent pipe, bolts, FCAs - First four sets of supports at south end of gallery | \$ 300.00 | \$ 600.00 | | |
| 243 | | Paint 42" 45 degree bend - discolored and thin | \$ 250.00 | \$ 500.00 | | |
| 244 | | Paint bottom sides of DI pipe at concrete supports - multiple locations | \$ 150.00 | \$ 300.00 | | |
| 245 | | Clean sump at north end of gallery | \$ 150.00 | \$ 300.00 | | |
| 246 | | Paint bottom of air piping - no red/no gray | \$ 200.00 | \$ 400.00 | | |
| 247 | | Chip high concrete in trough at NW corner of gallery | \$ 500.00 | \$ 1,000.00 | | |
| 248 | SBR STRUCTURE - TANKS AND PIPE GALLERY TOPPING SLAB | Prep and coat rusting anchors for handrail - East side of SHT behind kick plate | \$ 200.00 | \$ 400.00 | | |
| 249 | | Paint insulation at SHT decant line silver, complete caulking | \$ 300.00 | \$ 600.00 | | |
| 250 | | Remove nail and coil rod at walkway and patch - Walkway north of Tank 2 | \$ 150.00 | \$ 300.00 | | |
| 251 | | Patch holes at NW corner of Tank 4 below sump pump discharge line | \$ 2,000.00 | \$ 4,000.00 | | |

ATTACHMENT TO CERTIFICATE OF PARTIAL SUBSTANTIAL COMPLETION
City of Greenfield - Wastewater Treatment Plant Improvements Project
Project Punchlist For
F.A. Wilhelm Construction

Date: 9/18/2025

| Item No. | Work Area | Work Item Description | Estimated Value to Complete | Retainage Amount to Withhold (200% of Estimated Value) | Notes | Date Completed |
|----------|-----------|--|-----------------------------|--|-----------------------|----------------|
| 252 | | Patch holes at SW corner of Tank 3 below sump pump discharge line | \$ 2,000.00 | \$ 4,000.00 | | |
| 253 | | Patch hole in walkway at Tank 4 | \$ 150.00 | \$ 300.00 | | |
| 254 | | Clean concrete off slide gate and actuator at Tank 1 | \$ 150.00 | \$ 300.00 | | |
| 255 | | Touch up paint gate actuator at Tank 3 | \$ 150.00 | \$ 300.00 | | |
| 256 | | Patch around alum lines at tank penetrations | \$ 400.00 | \$ 800.00 | | |
| 257 | | Remove tape from handrails | \$ 250.00 | \$ 500.00 | | |
| 258 | | Remove painters tape at slide gate gauges | \$ 100.00 | \$ 200.00 | | |
| 259 | | Paint exposed pipe and valves at SHT - touch up paint rods and bolts | \$ 150.00 | \$ 300.00 | | |
| 260 | | Paint air valves and restraint rods - bottom of pipe including bolts | \$ 150.00 | \$ 300.00 | Typical for all tanks | |
| 261 | | Install blow off lines for air piping | \$ 500.00 | \$ 1,000.00 | Aqua Aerobics detail | |
| 262 | | Repair cracks at walkway to topping slab transition | \$ 2,000.00 | \$ 4,000.00 | Multiple locations | |
| 263 | | Grout sump pump pipe penetrations at tanks 3 and 4 | \$ 500.00 | \$ 1,000.00 | | |
| 264 | | Clean conduit stubs through topping slab at Tank 3 gate | \$ 250.00 | \$ 500.00 | | |
| 265 | | Extend rod full nut and paint - north air valve at tank no. 4 | \$ 150.00 | \$ 300.00 | | |
| 266 | | Final clean topping slab - debris, nails, screws, final sweep | \$ 800.00 | \$ 1,600.00 | | |
| 267 | | Pour curbs for roof hatches in the topping slab Address gap between roof slab and hatch to Owner satisfaction | \$ 2,500.00 | \$ 5,000.00 | | |
| 268 | | Clean concrete off roof hatches and restore | \$ 500.00 | \$ 1,000.00 | | |
| 269 | | Paint exposed pipe at NPW riser post hydrants | \$ 200.00 | \$ 400.00 | | |
| 270 | | Heat trace and insulate post hydrants | \$ 1,500.00 | \$ 3,000.00 | | |
| 271 | | Coat flap gates at influent baffle boxes | | \$ - | REMOVED FROM LIST | X |
| 272 | | Tank 3 - Remove anchors to 1" depth and patch, north of float | \$ 200.00 | \$ 400.00 | | |
| 273 | | Remove screws and tie wire behind kick plate at west end of Tank 1/Tank2 walkway and patch holes | \$ 150.00 | \$ 300.00 | | |
| 274 | | Patch holes (2) in deck south side of Tank 1/Tank 2 walkway | \$ 150.00 | \$ 300.00 | | |
| 275 | | Patch holes in side of walkway at SE corner of Tank 4, East side and South side | \$ 150.00 | \$ 300.00 | | |
| 276 | | Extend alum feed lines at SBR tanks as directed by Owner to promote alum discharge into tank versus as current on wall | \$ 250.00 | \$ 500.00 | | |
| 277 | | Xypex failing joints on east side of SHT at stairs and walkway, inject | \$ 400.00 | \$ 800.00 | Visible leaks | |

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City of Greenfield - Wastewater Treatment Plant Improvements Project
Project Punchlist For
F.A. Wilhelm Construction

Date: 9/18/2025

| Item No. | Work Area | Work Item Description | Estimated Value to Complete | Retainage Amount to Withhold (200% of Estimated Value) | Notes | Date Completed |
|----------|----------------------|---|-----------------------------|--|---|----------------|
| 278 | | Xypex failing joint(s) on west side of Tank 2 | \$ 400.00 | \$ 800.00 | | |
| 279 | | Repair spalling concrete at east end of Tank 1/Tank2 walkway | \$ 150.00 | \$ 300.00 | | |
| 280 | | Paint air valves and restraint rods at SHT - Touch up paint restraint rods | \$ 150.00 | \$ 300.00 | | |
| 281 | | Remove excess epoxy at NPW hydrant piping | \$ 200.00 | \$ 400.00 | | |
| 282 | | Caulk for sidewalk to tank joint | \$ 200.00 | \$ 400.00 | | |
| 283 | | Touch up paint 42" influent pipe - Touch up bolts | \$ 150.00 | \$ 300.00 | | |
| 284 | | Final clean the sidewalk around the sludge holding tank | \$ 300.00 | \$ 600.00 | | |
| 285 | | Move DO and level probes and instrumentation devices to locations as shown on the plans | \$ 3,000.00 | \$ 6,000.00 | City cannot safely reach probes for maintenance as installed | |
| 286 | | SBR 1 Sinking Decanter | \$ 150,000.00 | \$ 300,000.00 | Both decanters are sinking | |
| 287 | | SBR2 Sinking Decanters | \$ 150,000.00 | \$ 300,000.00 | Both decanters are sinking, once decanter out of service | |
| 288 | | Disconnect/Control Panels | \$ 1,000.00 | \$ 2,000.00 | Clean adhesive | |
| 289 | | Tank mixer | \$ 1,500.00 | \$ 3,000.00 | Power cables float: some appear to be sinking | |
| 290 | | Stair lighting | \$ 2,500.00 | \$ 5,000.00 | Not on photo cells | |
| 291 | | North pipe gallery door | \$ 250.00 | \$ 500.00 | Exterior horn has open knockout | |
| 292 | | North and south PG doors | \$ 250.00 | \$ 500.00 | Handles are loose, not secured to door | |
| 293 | | 42" Influent Pipe | \$ 150.00 | \$ 300.00 | Showing some rust in the pipe gallery | |
| 294 | | Fiber/Network Panel | \$ 300.00 | \$ 600.00 | Water seeping up from conduit below panel | |
| 295 | | Top Rails - Unistrut protruding above top rail is a cut hazard per OSHA, lower Unistrut below top rail Lower conduit below the top rail around narrow areas only. Replace caps everywhere. | \$ 3,000.00 | \$ 6,000.00 | | |
| 296 | | Receptacles - Receptacle boxes are mounted to Unistrut supports with tech screws through rear of box. Furnish manufacturer's mounting requirements showing installation meets manufacturer acceptable method of installation, or provide manufacturer confirmation that current installation is acceptable. | \$ 5,000.00 | \$ 10,000.00 | | |
| 297 | DIGESTER TANK | Stairs | \$ 2,500.00 | \$ 5,000.00 | Lighting not on photo cell | |
| 298 | | Stairs | \$ 300.00 | \$ 600.00 | Toe plates at landing and top needed | |
| 299 | | Tank mixer | \$ 1,500.00 | \$ 3,000.00 | Power cables float: 2 have broke loose and at least 1 more is sinking | |
| 300 | | Outlet south of air header | \$ 150.00 | \$ 300.00 | Conduit loose | |
| 301 | | Level/float control panel | \$ 150.00 | \$ 300.00 | Missing lower screw and clip | |

ATTACHMENT TO CERTIFICATE OF PARTIAL SUBSTANTIAL COMPLETION
City of Greenfield - Wastewater Treatment Plant Improvements Project
Project Punchlist For
F.A. Wilhelm Construction

Date: 9/18/2025

| Item No. | Work Area | Work Item Description | Estimated Value to Complete | Retainage Amount to Withhold (200% of Estimated Value) | Notes | Date Completed |
|----------|---------------------------|--|-----------------------------|--|--|----------------|
| 302 | | Decant flow meter | | \$ - | REMOVED FROM LIST | X |
| 303 | SBR BLOWER PAD | Abandon test port at tee and plug - paint | \$ 100.00 | \$ 200.00 | | |
| 304 | | Clean concrete off of conduit stubs to blower disconnects | \$ 600.00 | \$ 1,200.00 | | |
| 305 | | Paint air piping support rods | \$ 150.00 | \$ 300.00 | | |
| 306 | | Install handrail at north end of blower slab | \$ 2,500.00 | \$ 5,000.00 | | |
| 307 | | Clean blower enclosures | \$ 500.00 | \$ 1,000.00 | | |
| 308 | | Paint pipe rod supports - blue at blowers, green at air piping - touch up required | \$ 150.00 | \$ 300.00 | | |
| 309 | | Prep and paint rusting anchors at the blower flex connectors | \$ 400.00 | \$ 800.00 | | |
| 310 | | Clean disconnect panels | \$ 400.00 | \$ 800.00 | | |
| 311 | | Prep and coat end of anchors for ledger at SHT | \$ 300.00 | \$ 600.00 | | |
| 312 | | Paint air piping 90 bend to SHT | \$ 150.00 | \$ 300.00 | | |
| 313 | | Tie-in gutter downspout to storm drains | \$ 250.00 | \$ 500.00 | | |
| 314 | | Remove nails in ledger at north end | \$ 100.00 | \$ 200.00 | | |
| 315 | | Unused conduit | \$ 1,000.00 | \$ 2,000.00 | Remove if not needed | |
| 316 | | All conduits | \$ 500.00 | \$ 1,000.00 | End of runs at blower #4, 6, 8 need additional support | |
| 317 | | Blower #5 | \$ 2,500.00 | \$ 5,000.00 | Not currently operational | |
| 318 | | Disconnect panels | \$ 1,500.00 | \$ 3,000.00 | Remove/clean adhesive residue from panels | |
| 319 | | Blower Housings | \$ 1,000.00 | \$ 2,000.00 | Remove rust areas and paint | |
| 320 | EFFLUENT METER PIT | Wrap north joint of precast lid prior to backfill | \$ 150.00 | \$ 300.00 | | |
| 321 | | Paint 24" riser pipe and blind / bolts for future decant line - touch up underside | \$ 150.00 | \$ 300.00 | | |
| 322 | | Patch lifting lugs in precast lid | | \$ - | REMOVED FROM LIST | X |
| 323 | | Prep and paint bolts at flowmeter | \$ 150.00 | \$ 300.00 | | |
| 324 | | Patch lifting lugs in the precast sections | | \$ - | REMOVED FROM LIST | X |
| 325 | | Clean flowmeter body and touch up paint | \$ 150.00 | \$ 300.00 | | |
| 326 | | Touch up paint 42" effluent pipe and bolts - underside | \$ 150.00 | \$ 300.00 | | |
| 327 | | Patch tie holes in the concrete pipe supports | \$ 250.00 | \$ 500.00 | | |
| 328 | UV STRUCTURE | Lightning protection cables - Additional supports required at SE corner column | \$ 100.00 | \$ 200.00 | | |
| 329 | | Insulate NPW lines - Repair dents in jacketing, caulk at through slab location | \$ 400.00 | \$ 800.00 | | |
| 330 | | Clean concrete off side of deck at the NW corner of the structure | \$ 150.00 | \$ 300.00 | | |
| 331 | | Fix grout at NPW base plates | \$ 250.00 | \$ 500.00 | | |

ATTACHMENT TO CERTIFICATE OF PARTIAL SUBSTANTIAL COMPLETION
City of Greenfield - Wastewater Treatment Plant Improvements Project
Project Punchlist For
F.A. Wilhelm Construction

Date: 9/18/2025

| Item No. | Work Area | Work Item Description | Estimated Value to Complete | Retainage Amount to Withhold (200% of Estimated Value) | Notes | Date Completed |
|----------|---|---|-----------------------------|--|---|----------------|
| 332 | | Touch up paint NPW motors, base plates, etc. | \$ 150.00 | \$ 300.00 | | |
| 333 | | Final clean UV Structure | \$ 300.00 | \$ 600.00 | | |
| 334 | | Clean conduit stubs through the slab | \$ 200.00 | \$ 400.00 | | |
| 335 | | Paint ARV insulation to match jacketing | \$ 150.00 | \$ 300.00 | | |
| 336 | | Clean concrete off of conduits below the deck | \$ 300.00 | \$ 600.00 | | |
| 337 | | Replace grout at SW canopy column | \$ 250.00 | \$ 500.00 | | |
| 338 | | Anchor lightning protection conduit at NE corner of structure | \$ 150.00 | \$ 300.00 | | |
| 339 | | Add conduit support for lightning protection conduit at NW corner | \$ 150.00 | \$ 300.00 | | |
| 340 | | Fill tower crane conduit on east side of structure | \$ 200.00 | \$ 400.00 | | |
| 341 | | Extend gutter downspouts down to finish grade | \$ 250.00 | \$ 500.00 | | |
| 342 | | Tie-in gutter downspouts to storm pipe | \$ 250.00 | \$ 500.00 | | |
| 343 | | Prep and Paint face of flange for UV bypass line | | \$ - | REMOVED FROM LIST | X |
| 344 | | NPW system | \$ 750.00 | \$ 1,500.00 | Level sensor wires exposed, need conduit or way to protect the cables | |
| 345 | | U/V control panel | \$ 500.00 | \$ 1,000.00 | Condensation on outside panel | |
| 346 | | Effluent sampler | \$ 500.00 | \$ 1,000.00 | Needs flow signal info: gallons/pulse | |
| 347 | | PDC Panel | \$ 500.00 | \$ 1,000.00 | Discoloration on southside of panel | |
| 348 | | Electrical | \$ 250.00 | \$ 500.00 | Switch, outlet, and conduit mounting | |
| 349 | | SG-401 | \$ 250.00 | \$ 500.00 | Sight tube deformed/bent | |
| 350 | SLUDGE DEWATERING FACILITY - BUILDING EXTERIOR | Coordinate with City to finish doors | \$ 500.00 | \$ 1,000.00 | | |
| 351 | | Pour concrete at gutter downspouts - caulk around gutters | \$ 200.00 | \$ 400.00 | | |
| 352 | | Paint white spots on masonry - west side of building | \$ 250.00 | \$ 500.00 | | |
| 353 | | Anchor lights at SE corner of building | \$ 150.00 | \$ 300.00 | | |
| 354 | | Anchor lights at east side of building | \$ 150.00 | \$ 300.00 | | |
| 355 | | Install screen for white PVC pipe - west side | \$ 150.00 | \$ 300.00 | | |
| 356 | | Repair mortar joint at SE corner of building at floor | \$ 150.00 | \$ 300.00 | | |
| 357 | | Install trim for sides of the overhead doors. Address jagged edges on sides of the overhead doors with straight lines. | \$ 4,000.00 | \$ 8,000.00 | Cover for cut split face blocks | |
| 358 | | Clean trench drain and position grates to eliminate gaps | \$ 250.00 | \$ 500.00 | | |
| 359 | | Paint bollard at NE corner of building | \$ 150.00 | \$ 300.00 | | |
| 360 | | Remove anchor on west wall of dumpster bay to 1" depth and patch | \$ 100.00 | \$ 200.00 | | |
| 361 | | Discolored block - Clean | \$ 2,000.00 | \$ 4,000.00 | | |
| 362 | | Paint block on inside of door openings | \$ 250.00 | \$ 500.00 | | |

ATTACHMENT TO CERTIFICATE OF PARTIAL SUBSTANTIAL COMPLETION
City of Greenfield - Wastewater Treatment Plant Improvements Project
Project Punchlist For
F.A. Wilhelm Construction

Date: 9/18/2025

| Item No. | Work Area | Work Item Description | Estimated Value to Complete | Retainage Amount to Withhold (200% of Estimated Value) | Notes | Date Completed |
|----------|---|---|-----------------------------|--|--|----------------|
| 363 | | Install screen for small diameter pipe on east side of building | \$ 150.00 | \$ 300.00 | | |
| 364 | | Install fabricated seal around conveyor opening | \$ 1,000.00 | \$ 2,000.00 | | |
| 365 | | Replace bent enclosure pieces for overhead doors at chemical room | \$ 500.00 | \$ 1,000.00 | | |
| 366 | | Patch block at door openings and paint | \$ 500.00 | \$ 1,000.00 | | |
| 367 | | Touch up paint valve actuator - west side of dumpster bay | \$ 150.00 | \$ 300.00 | | |
| 368 | | Grout around upper vent pipe on south face of building - install 90 degree bend with screen | \$ 500.00 | \$ 1,000.00 | | |
| 369 | | Trim centrifuge vent pipe, install 90 bend with screen | \$ 500.00 | \$ 1,000.00 | | |
| 370 | SLUDGE DEWATERING FACILITY - ELECTRICAL ROOM | Coordinate with City to complete doors | \$ 500.00 | \$ 1,000.00 | | |
| 371 | | Replace north door and frame - door does not close properly and frame is cracked in multiple locations | \$ 4,000.00 | \$ 8,000.00 | | |
| 372 | | Remove paint on north side of PB-3 | \$ 150.00 | \$ 300.00 | | |
| 373 | | Seal conduit and pipe penetrations through walls - SW corner of room | \$ 150.00 | \$ 300.00 | | |
| 374 | | Scratch in south side of sludge pump control panel | \$ 150.00 | \$ 300.00 | | |
| 375 | | Redo floor due to extensive discoloration and fading Review issue with manufacturer, Owner, and Engineer | \$ 8,000.00 | \$ 16,000.00 | | |
| 376 | | Clean top of control panels | \$ 300.00 | \$ 600.00 | | |
| 377 | | Insulate lines for HVAC equipment - redo to fill in gaps | \$ 300.00 | \$ 600.00 | | |
| 378 | | Patch wall behind junction box above SW door | \$ 150.00 | \$ 300.00 | | |
| 379 | | Caulk between wall and SB-4 housekeeping pad | \$ 250.00 | \$ 500.00 | | |
| 380 | | Chemical level display | \$ 500.00 | \$ 1,000.00 | Not functional, water damage | |
| 381 | | Walls | \$ 1,500.00 | \$ 3,000.00 | Re-paint as needed: grout/block repairs noticeable; repaint room | |
| 382 | | Exterior gas line penetration | \$ 500.00 | \$ 1,000.00 | Flange has rusted through, replace with different material | |
| 383 | | Install properly sized conduit bushings where conduit entrance to enclosure is over drilled | \$ 250.00 | \$ 500.00 | | |
| 384 | SLUDGE DEWATERING FACILITY - CHEMICAL ROOM | Coordinate with City to complete doors | \$ 500.00 | \$ 1,000.00 | | |
| 385 | | Redo floor due to extensive discoloration and fading Review issue with manufacturer, Owner, and Engineer | \$ 15,000.00 | \$ 30,000.00 | | |
| 386 | | Loose conduit connections | \$ 500.00 | \$ 1,000.00 | | |
| 387 | | Reroute conduit on north side of alum tank | | \$ - | REMOVED FROM LIST | X |
| 388 | | Cap plug valves on alum skid | \$ 150.00 | \$ 300.00 | | |

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Project Punchlist For
F.A. Wilhelm Construction

Date: 9/18/2025

| Item No. | Work Area | Work Item Description | Estimated Value to Complete | Retainage Amount to Withhold (200% of Estimated Value) | Notes | Date Completed |
|----------|---|--|-----------------------------|--|--|----------------|
| 389 | | Clean and mount grating | \$ 250.00 | \$ 500.00 | | |
| 390 | | Final clean room and equipment | \$ 750.00 | \$ 1,500.00 | | |
| 391 | | Install hose hangers at hose bibbs | \$ 500.00 | \$ 1,000.00 | | |
| 392 | | Replace light at SW corner of the room - flickers | \$ 500.00 | \$ 1,000.00 | | |
| 393 | | Replace cover for alum pump no. 1 panel - broken and does not latch | \$ 500.00 | \$ 1,000.00 | | |
| 394 | | Loose valve on alum suction line | \$ 250.00 | \$ 500.00 | | |
| 395 | | Anchor grating | \$ 150.00 | \$ 300.00 | | |
| 396 | | Coat tops of rusting anchors for alum tank | \$ 150.00 | \$ 300.00 | | |
| 397 | | Overhead doors | \$ 1,500.00 | \$ 3,000.00 | Housings damaged; please address | |
| 398 | | Overhead doors | \$ 750.00 | \$ 1,500.00 | Fill/grout gap between doors and block | |
| 399 | | East Interior Wall | \$ 250.00 | \$ 500.00 | Horn missing knockout plug | |
| 400 | | Spare conduit above O/H doors | \$ 250.00 | \$ 500.00 | What's this for? Is it plugged? | |
| 401 | SLUDGE DEWATERING FACILITY - CENTRIFUGE ROOM | Coordinate with the City to complete doors | \$ 500.00 | \$ 1,000.00 | | |
| 402 | | Touch up paint sludge pumps | \$ 150.00 | \$ 300.00 | | |
| 403 | | Paint valves for sludge piping - Touch up required | \$ 150.00 | \$ 300.00 | | |
| 404 | | Paint underside of sludge pump discharge piping | \$ 150.00 | \$ 300.00 | | |
| 405 | | Rub sludge pump housekeeping pads | \$ 400.00 | \$ 800.00 | | |
| 406 | | Caulk bottoms of housekeeping pads | \$ 200.00 | \$ 400.00 | | |
| 407 | | Rub grout beneath sludge pumps | \$ 300.00 | \$ 600.00 | | |
| 408 | | Loose conduits at sludge valves | \$ 150.00 | \$ 300.00 | | |
| 409 | | Loose conduits between pumps | \$ 150.00 | \$ 300.00 | | |
| 410 | | Touch up paint sludge pump discharge piping | \$ 150.00 | \$ 300.00 | | |
| 411 | | Paint rusting NPW pipe support | \$ 150.00 | \$ 300.00 | | |
| 412 | | Touch up paint for centrifuge equipment motor | \$ 150.00 | \$ 300.00 | | |
| 413 | | Install covers for electrical boxes | \$ 200.00 | \$ 400.00 | Multiple | |
| 414 | | Redo floor due to extensive discoloration and fading -Review issue with manufacturer, Owner, and Engineer | \$ 18,000.00 | \$ 36,000.00 | | |
| 415 | | Caulk masonry joint at SW corner of the centrifuge room | \$ 300.00 | \$ 600.00 | | |
| 416 | | Touch up paint conveyor motor | \$ 150.00 | \$ 300.00 | | |
| 417 | | Clean louver | \$ 100.00 | \$ 200.00 | | |
| 418 | | Loose conduits on the south wall | \$ 150.00 | \$ 300.00 | | |
| 419 | | Plug opening at conveyor motor housing | \$ 150.00 | \$ 300.00 | | |
| 420 | | Add polymer pipe labels in the sump | \$ 150.00 | \$ 300.00 | | |
| 421 | | Centrifuge room south door does not lock | \$ 200.00 | \$ 400.00 | | |
| 422 | | Rotork cover upside down | \$ 100.00 | \$ 200.00 | | |

ATTACHMENT TO CERTIFICATE OF PARTIAL SUBSTANTIAL COMPLETION
City of Greenfield - Wastewater Treatment Plant Improvements Project
Project Punchlist For
F.A. Wilhelm Construction

Date: 9/18/2025

| Item No. | Work Area | Work Item Description | Estimated Value to Complete | Retainage Amount to Withhold (200% of Estimated Value) | Notes | Date Completed |
|----------|--|---|-----------------------------|--|---|----------------|
| 423 | | Loose conduits at manifold | \$ 150.00 | \$ 300.00 | | |
| 424 | | Conveyor #1 | \$ 250.00 | \$ 500.00 | Motor missing knockout plug | |
| 425 | | Electrical fittings | \$ 500.00 | \$ 1,000.00 | Still loose fittings, check all | |
| 426 | | Stairs | \$ 500.00 | \$ 1,000.00 | Toe plate at top of stairs; tighten railings | |
| 427 | | PV-589 | \$ 250.00 | \$ 500.00 | Loose fitting | |
| 428 | | Electrical drawing E1-5 requires installation of power and control conduits to future centrifuge location. Spare conduits do not appear to be installed. Provide required power conduit to future centrifuge. | \$ 5,000.00 | \$ 10,000.00 | | |
| 429 | SLUDGE DEWATERING FACILITY DUMPSTER PAD | Coordinate with City on final pipe connections for the sludge bypass vault - replace valve handle | \$ 500.00 | \$ 1,000.00 | | |
| 430 | | Install 90 degree bend and screen for vent pipe | \$ 500.00 | \$ 1,000.00 | | |
| 431 | | Seal off for blue wire to conveyors | \$ 250.00 | \$ 500.00 | | |
| 432 | | Clean trash out of sump | \$ 150.00 | \$ 300.00 | | |
| 433 | | Touch up paint conveyor motors | \$ 150.00 | \$ 300.00 | | |
| 434 | | Cover for cleanout - Raise cleanout cover at SE side of access hatch | \$ 250.00 | \$ 500.00 | | |
| 435 | SEPTAGE RECEIVING STATION | Paint insulation to match jacketing | \$ 250.00 | \$ 500.00 | | |
| 436 | | Clean trough | \$ 150.00 | \$ 300.00 | | |
| 437 | | Additional supports for control panel stands | \$ 750.00 | \$ 1,500.00 | | |
| 438 | | Rub exposed portion of concrete | \$ 500.00 | \$ 1,000.00 | | |
| 439 | | Replace rusting control panel anchors | \$ 250.00 | \$ 500.00 | | |
| 440 | | Paint rusting conduits | \$ 150.00 | \$ 300.00 | | |
| 441 | | Clean conduit stubs through the slab | \$ 250.00 | \$ 500.00 | | |
| 442 | | Repair equipment insulation - bottom | \$ 250.00 | \$ 500.00 | | |
| 443 | | Caulk between curb and equipment pad | \$ 150.00 | \$ 300.00 | | |
| 444 | | Fix ponding in insulation on top of equipment | \$ 150.00 | \$ 300.00 | | |
| 445 | | Clean concrete from equipment legs | \$ 200.00 | \$ 400.00 | | |
| 446 | | Touch up paint valves | \$ 150.00 | \$ 300.00 | | |
| 447 | | Repair cracked equipment pad for control panel | \$ 400.00 | \$ 800.00 | | |
| 448 | | Startup/Testing | \$ 1,000.00 | \$ 2,000.00 | Needs to be completed; haven't been able to use system due to site grading not being complete | |
| 449 | | Final clean equipment slab | \$ 250.00 | \$ 500.00 | | |
| 450 | STRUCTURE K - EXISTING SLUDGE PROCESSING BUILDING | Paint gas piping | \$ 800.00 | \$ 1,600.00 | | |
| 451 | | Seal around PVC pipe and conduits through the walls | \$ 300.00 | \$ 600.00 | | |

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| 452 | | Paint masonry at infill sections | \$ 300.00 | \$ 600.00 | | |
| 453 | | Complete pipe demo scope | \$ 1,000.00 | \$ 2,000.00 | | |
| 454 | | Clean concrete off conduits - west side of the building | \$ 500.00 | \$ 1,000.00 | | |
| 455 | | Clean masonry at core drill locations | \$ 300.00 | \$ 600.00 | | |
| 456 | | Finish communications panel in building | \$ 1,500.00 | \$ 3,000.00 | | |
| 457 | STRUCTURE M - EXISTING CHEMICAL BUILDING | Paint gas piping | \$ 250.00 | \$ 500.00 | | |
| 458 | | Patch wall at PVC drain | \$ 150.00 | \$ 300.00 | | |
| 459 | ADMINISTRATION BUILDING | Replace ceiling tile in hallway against west wall. | \$ 100.00 | \$ 200.00 | Outside of Rm 104 in Hallway | |
| 460 | HEADWORKS FACILITY | Repair/Modify insulation for Grit Pump | \$ 1,000.00 | \$ 2,000.00 | EXTERIOR - UPPER LEVEL | |
| | | Total | | \$ 3,613,100.00 | | |