

APPENDIX C – SELECTION OF IN-TOWN PUMPING STATION HISTORICAL DRAWINGS

| G.C. MacLean Pumping Station | | | |
|-------------------------------------|--------------|---|------------------|
| Drawing No. | Sheet | Title | File Type |
| 1-0630A-P0001 | 001 | Process & Instrumentation Diagram Legend & Details | PDF/CAD |
| 1-0630A-P0001 | 002 | Process & Instrumentation Diagram Legend & Details | PDF/CAD |
| 1-0630A-P0001 | 003 | Process & Instrumentation Diagram Legend & Details | PDF/CAD |
| 1-0630C-P0001 | 001 | Process & Instrumentation Diagram Chlorine Cylinder Shutoff Valves | PDF/CAD |
| 1-0630C-P0002 | 002 | Process & Instrumentation Diagram Chlorine System | PDF/CAD |
| 1-0630M-A0025 | 001 | Chlorination Emergency Isolation System Instrument Loop Diagram LC-809-XSZ Actuator | PDF/CAD |
| 1-0630M-A0026 | 001 | Chlorination Emergency Isolation System Instrument Loop Diagram LC-809-XSZ Manual / Automation Shutdown | PDF/CAD |
| 1-0630M-E0001 | 001 | Electrical Single Line Diagram, Legend and Details | PDF/CAD |
| 1-0630M-E0012 | 001 | Electrical Equipment Plan, Electrical Room | PDF/CAD |
| 1-0630M-E0023 | 001 | Electrical Single Line Diagram, MCC-M710 | PDF/CAD |
| 1-0630M-E0024 | 001 | Electrical Single Line Diagram, DP-M720 | PDF/CAD |
| 1-0630M-E0032 | 001 | Electrical Equipment Plan, Main Floor | PDF/CAD |
| 1-0630M-E0033 | 001 | Electrical Equipment Plan, Roof Level | PDF/CAD |
| 1-0630M-E0034 | 001 | Cable Tray Layout, Mezzanine Level | PDF/CAD |
| 1-0630M-E0034 | 002 | Cable Tray Layout, Mezzanine Level | PDF/CAD |
| 1-0630M-E0034 | 003 | Cable Tray Layout, Mezzanine Level | PDF/CAD |
| 1-0630M-E0042 | 001 | Panelboard Schedules | PDF/CAD |
| 1-0630M-E0054 | 001 | Motor Starter Schematic, EF-C686, Cl ₂ Equipment Room Exhaust Fan | PDF/CAD |
| 1-0630M-E0055 | 001 | Motor Starter Schematic, EF-C689, Cl ₂ Scale Room Exhaust Fan | PDF/CAD |
| 1-0630M-E0056 | 001 | Motor Starter Schematic, EF-C690, Cl ₂ Storage Room Exhaust Fan | PDF/CAD |
| 1-0630M-E0057 | 001 | Motor Starter Schematic, EF-C692, Cl ₂ Storage Room Exhaust Fan | PDF/CAD |
| D-2455 | | MCP Chlorinator #1 Compound Loop Controller | PDF/CAD |
| D-2456 | | MCP Chlorinator Compound Loop Controller | PDF/CAD |
| D-5399 | | Mechanical Floor Plan And Details | PDF/CAD |
| ME-9 | | Contract A – Pumping Station Structural – Plan Above Elevation 740.00 Sheet I | PDF |
| ME-10 | | Contract A - Pumping Station Structural - Plant Above Elevation 740.00 Sheet II | PDF |
| ME-11 | | Contract A - Pumping Station Structural - Plant Above Elevation 750.00 Sheet I | PDF |
| ME-12 | | Contract A - Pumping Station Structural - Plant Above Elevation 750.00 Sheet II | PDF |
| ME-13 | | Contract A - Pumping Station Structural - Plant Above Elevation 762.00 Sheet I | PDF |
| ME-14 | | Contract A - Pumping Station Structural - Plant Above Elevation 762.00 Sheet II | PDF |
| ME-15 | | Contract A - Pumping Station Structural - Sections Sheet I | PDF |
| ME-16 | | Contract A – Pumping Station Structural – Sections Sheet II | PDF |

| G.C. MacLean Pumping Station | | | |
|-------------------------------------|--------------|---|------------------|
| Drawing No. | Sheet | Title | File Type |
| ME-17 | | Contract A – Pumping Station Structural Steel | PDF |
| ME-19 | | Contract A - Pumping Station Superstructure – Plan Above Elevations 740.00 and 750.00 | PDF |
| ME-20 | | Contract A - Pumping Station Superstructure – Plan Above Elevation 762.00 and Roof Plan | PDF |
| ME-259 | 2 | Conceptual Design Chlorination System Piping Schematic, PD98-001 | PDF |

| McPhillips Pumping Station | | | |
|-----------------------------------|--------------|--|------------------|
| Drawing No. | Sheet | Title | File Type |
| 1-0640A-P0001 | 001 | Process & Instrumentation Diagram Legend & Details | PDF/CAD |
| 1-0640A-P0001 | 002 | Process & Instrumentation Diagram Legend & Details | PDF/CAD |
| 1-0640A-P0001 | 003 | Process & Instrumentation Diagram Legend & Details | PDF/CAD |
| 1-0640C-E0001 | 001 | Electrical Single Line Diagram - Chlorine Building | PDF/CAD |
| 1-0640C-P0001 | 001 | Process & Instrumentation Diagram Chlorination System | PDF/CAD |
| 1-0640C-P0002 | 001 | Process & Instrumentation Diagram Chlorine Cylinder Shutoff Valves | PDF/CAD |
| 1-0640M-A0026 | 001 | Loop Drawing Chlorine Emergency Isolation System - Actuators | PDF/CAD |
| 1-0640M-A0027 | 001 | Loop Drawing Chlorine Emergency Isolation System – Manual/Automatic Shutdown | PDF/CAD |
| 1-0640M-P0001 | 001 | Process & Instrumentation Diagram Suction Header | PDF/CAD |
| 1-0640M-P0009 | 001 | Process & Instrumentation Diagram Discharge Header | PDF/CAD |
| D-2200 | | Loop Diagram Chlorine Shutoff Valve # 2 (Shut-Off Valve) | PDF |
| D-2210 | | Loop Diagram Chlorinator Compound Loop Controller | PDF |
| D-2211 | | Loop Diagram Chlorinator Compound Loop Controller | PDF |
| D-2222 | | Loop Diagram PP STA CL2 Residual Analyzer | PDF |
| D-2223 | | Loop Diagram PP STA CL2 Residual analyzer | PDF |
| D-2224 | | Loop Diagram Chlorine Weigh Scale Transmitter | PDF |
| D-2225 | | Loop Diagram Chlorine Line Pressure Switch | PDF |
| D-2245 | | Loop Diagram Escaped Cl ₂ Detector | PDF |
| McP-74 | | Chlorine Building Structural-Plan and Sections | PDF |
| McP-77 | | Chlorine Building Architectural-Plans and Sections | PDF |
| McP-269 | 1 | Conceptual Design -Chlorination System Piping Schematic, PD98-001 | PDF |
| McP-186 | | Cl ₂ Bldg. and Tunnels - Lighting, Power, HVAC, & Cable Tray | PDF |
| McP-194 | | HVAC Flow Diagram Control Wiring & Interlocking | PDF |

| W.D Hurst Pumping Station | | | |
|----------------------------------|--------------|--|------------------|
| Drawing No. | Sheet | Title | File Type |
| 1-0650A-P0001 | 001 | Process & Instrumentation Diagram - Legend & Details - Sheet 1 Of 3 | PDF/CAD |
| 1-0650A-P0001 | 002 | Process & Instrumentation Diagram - Legend & Details - Sheet 2 Of 3 | PDF/CAD |
| 1-0650A-P0001 | 003 | Process & Instrumentation Diagram - Legend & Details - Sheet 3 Of 3 | PDF/CAD |
| 1-0650M-A0025 | 001 | Chlorine Emergency Isolation System - Instrument Loop Diagram - HC-809-XCZ Actuators | PDF/CAD |
| 1-0650M-A0026 | 001 | Chlorine Emergency Isolation System – Instrument Loop Diagram - HC-809-XCZ Manual / Automatic Shutdown | PDF/CAD |
| 1-0650M-E0001 | 001 | Electrical Single Line Diagram - Legend & Details | PDF/CAD |
| 1-0650M-E0003 | 001 | Electrical Single Line Diagram - 600V Distribution | PDF/CAD |
| 1-0650M-E0013 | 001 | Electrical Equipment Elevations, 4160V Switchgear & 600V CDP/MCC | PDF/CAD |
| 1-0650M-E0014 | 001 | Electrical Equipment Plan, Electrical Room | PDF/CAD |
| 1-0650M-E0016 | 001 | Electrical Single Line Diagram PNL-BB | PDF/CAD |
| 1-0650M-E0018 | 001 | Electrical Single Line Diagram PNL-EE | PDF/CAD |
| 1-0650M-P0003 | 001 | Process & Instrumentation Diagram – Suction Header | PDF/CAD |
| 1-0650M-P0013 | 001 | Process & Instrumentation Diagram – Discharge Header | PDF/CAD |
| 1-0650M-P0015 | 001 | Process & Instrumentation Diagram – Chlorination System | PDF/CAD |
| 1-0650M-P0024 | 001 | Chlorine Emergency Isolation System – Process & Instrumentation Diagram – Chlorine Cylinder Shutoff Valves | PDF/CAD |
| D-2650 | | MCP Chlorine System #1 Shutdown, Loops HC-812-VB, HC-812-HS1 | PDF |
| D-2651 | | MCP Chlorine System #2 Shutdown, Loops HC-813-VB, HC-813-HS1 | PDF |
| D-2652 | | MCP Chlorine Weigh Scale, Loops HC-810-WT, HC-810-WE | PDF |
| D-2653 | | MCP Chlorinator Compound Loop Controller, Loops HC-812-GIC | PDF |
| D-2654 | | MCP Chlorinator Compound Loop Controller, Loops HC-813-GIC | PDF |
| D-2655 | | MCP Cl ₂ Residual Analyzer, Loops HC-820-AE, HC-820-AIT | PDF |
| D-2656 | | MCP Cl ₂ Residual Analyzer, Loops HC-821-AE, HC-821-AIT | PDF |
| D-2702 | | MCP Escaped Cl ₂ Detector, Loops HZ-920-AAH | PDF |
| HURST-66 | 3 | Conceptual Design -Chlorination System Piping Schematic, PD98-001 | PDF |
| HURST-72 | | Pumphouse HVAC Mechanical | PDF |
| WH5622-3 | | Wilkes Avenue Pumping Station Floor Plans & Schedules | PDF |
| WH5622-8 | | Wilkes Avenue Pumping Station Foundation Plan Pump Floor Framing | PDF |
| WH5622-9 | | Wilkes Avenue Pumping Station Foundation Main Floor Framing | PDF |
| WH5622-10 | | Wilkes Avenue Pumping Station Reinforced Concrete Details | PDF |

| W.D Hurst Pumping Station | | | |
|----------------------------------|--------------|---|------------------|
| Drawing No. | Sheet | Title | File Type |
| WH5622-12 | | Wilkes Avenue Pumping Station Beam Schedule & Reflecting Pool Details | PDF |