

APPENDIX A – UPGRADE RECOMMENDATIONS

Discipline	Upgrade Recommendations
Architectural	Replace cedar shake shingles
Architectural	Repaint main floor interior walls
Architectural	Repaint main floor interior ceiling
Architectural	Install exterior security lighting
Architectural	Replace metal siding
Architectural	Replace insulated metal man doors
Electrical	Replace lights with LED fixtures
	Replace main distribution breaker with new breaker coordinated with the rest of system.
Electrical	Replace existing CDP with new CDP, c/w coordinated breakers
Electrical	Replace level conductive sensors and dual alarm relays with new ultrasonic level transmitter
Electrical	Replace relay based control panel with PLC based control panel
Mechanical	Conduct a schematic design study to determine requirements for an adequate ventilation system
Mechanical	Install an adequate ventilation system as outlined in the schematic design investigation
Mechanical	Replace natural gas motor and associated components
Mechanical	Replace air supply fan and motor
Mechanical	Replace duct heater and controls
Mechanical	Replace unit heater and controls
Mechanical	Replace natural gas piping, water piping and electrical service supply as required
Mechanical	Replace both air louvers
Mechanical	Replace duct system
Process	Replace pumps
Process	Replace pump discharge piping
Process	Replace influent isolation sluice gate
Structural	Patch the bottom 2 meters of wall reservoir with cementitious slurry to fill surface pitting
Structural	Replace ladder anchors
Structural	Replace grating anchors
Structural	Replace main floor hatches