

Incident Action Plan (IAP) 8

City of Jackson Water Crisis 2022

08 September 2022

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9. Safety and Security Concerns

Major Hazard and Risks:

- Ear plug stations not located
- Fire extinguishers are outside of the expiration service dates
- Air compressor needs electrical components to be covered
- Piping system in the ammonia room needs to be capped off even though line of concentration is isolated by surrounding valves.
- Needs an up-to-date chlorine safety kit(s) for 1-ton cylinders
- Leak located on pig tail lines in the chlorine room
- Multiple handrails missing or needing repair
- Identified eye wash stations appeared to not have any servicing in long periods of time
- No emergency lighting in the chemical building
- Limited lighting in filter gallery
- Safety Data Sheets (SDS) out of date
- Open manhole covers at roadway between sedimentation basin and filtration building
- There is no Lock-Out Tag-Out system in place.
- 4160-volt circuit breakers to pump motors in HS-2 requires specialized equipment or personal protective equipment to operate
- East side road has been barricaded and is an exclusion zone for vehicles
- Wildlife hazards such as venomous snakes and stinging insects

Hazard Mitigation:

- Hard hats required while inside facilities with active construction and/or functioning cranes
- ANSI break-away safety vests required while inside facilities
- Limit plant visitations
- Replace inoperable lighting
- Manhole openings that were open flagged with caution tape
- Lock-Out Tag-Out system needs to be implemented or improved
- A remote-control device to actuate circuit breaker in HS-2 will be delivered by eta 1100 hours
- Barrels and caution tape placed in the area
- Trip and fall hazards marked with orange paint
- Training on chlorine system

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