

## **Compliance Plan for City of Jackson (MS0250008)**

**Kishia Powell, P. E., Legally Responsible Official**

**Cynthia Hill, Designated Certified Operator**

**February 12, 2016**

To fulfill this Compliance Plan, the City of Jackson must accomplish the following items within the time periods specified. The Legally Responsible Official:

- Must identify an individual or firm providing professional engineering service to the City of Jackson for drinking water matters and provide the name or firm by written notice to the Director of the MSDH Bureau of Public Water Supply on or before February 22, 2016.
- Must provide the required Public Education pamphlet to all City of Jackson Water System customers no later than February 29, 2016. Written certification that notification was provided must be delivered to the Director of the MSDH Bureau of Public Water Supply on or before March 2, 2016.
- Must provide the required Public Education pamphlet to all Child Care Centers, Head Start Centers, Schools, Healthcare Facilities and any other locations where the City of Jackson is aware of children in congregate settings no later than February 19, 2016. Written certification that notification was provided must be delivered to the Director of the MSDH Bureau of Public Water Supply on or before February 24, 2016.
- Must submit an engineer-designed corrosion control study and plan for optimization of water treatment for the City of Jackson Water System to the Director of the MSDH Bureau of Public Water Supply on or before April 4, 2016. Once reviewed sufficient by the MSDH Bureau of Public Water Supply, the plan will be monitored by City of Jackson assigned engineer(s) and results will be submitted to the Director of the MSDH Bureau of Public Water Supply at intervals approved in the plan. The plan shall include, at a minimum, corrosion control studies that will continue for the next ten compliance cycles.
- Must submit a map with all samples for the 01/01/2016-06/30/2016 monitoring period plotted with delineation between lead detections and non-detections. The map will be used by the City of Jackson to develop a plan for Water Quality Parameter (WQP) testing which must be submitted to the Director of the Bureau of Public Water Supply for review by March 15, 2016. Following review, the MSDH Bureau of Public Water Supply will work with the City to determine sampling frequency and specific testing locations for the required WQP monitoring.
  - Beginning February 15, 2016, all Water Quality Parameters must be tested at least once at all locations where routine Lead/Copper samples are collected. Additionally, the 25 sites with the highest lead results will be tested 30 days later (within the same monitoring period).

- Must update the City of Jackson Water System Lead/Copper Site Plan. The plan must be designed and monitored by an engineer and provided to the MSDH Bureau of Public Water Supply. The plan must include a map with all sampling locations, intakes, wells, treatment plants, storage tanks, and booster stations. The plan and the map must be submitted to the Director of the MSDH Bureau of Public Water Supply on or before March 15, 2016.
- Until such time as a completed plan for the optimization of water treatment for the City of Jackson can be developed and reviewed by the MSDH Bureau of Public Water Supply, must ensure functional treatment of water in the current system to maintain a constant pH of at least 8.5 and alkalinity between 50 mg/l and 70 mg/l. Repairs or modifications to the City of Jackson Water System to establish these values must be completed as soon as feasible but no later than October 1, 2016.
- Must ensure that the Monthly Operational Report (MOR) is updated to include a daily average, maximum, and minimum values for alkalinity, pH, and hardness for entry points.
- In coordination with the MSDH Bureau of Public Water Supply, will develop and implement a special WQP sampling plan for distribution of water in the City of Jackson Water System.
- Must submit a written summary of activities related to all areas identified in this Compliance Plan to the Director of the MSDH Bureau of Public Water Supply by the 15<sup>th</sup> of each month, beginning March 15, 2016.

Any changes to this plan must be approved in writing, by the Director of the MSDH Bureau of Public Water Supply.