

# Drinking Water Improvements (Short-Term Action Plan)



Council Presentation  
June 14, 2016



# Water Treatment Plant

Action Items	Month																									
	MAY		JUN				JUL				AUG				SEP				OCT			NOV				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1 Coordination Team Meetings (twice weekly)																										
2 Temporary automated flow paced chemical feed controls		Design	Design	Design	Design	Design	Design	Design	Design	Design																
3 Automated Raw Water Sampling		Construction/Installation	Construction/Installation	Construction/Installation																						
4 Evaluate use of Chlorine Dioxide		Study	Study	Study	Study	Study	Study	Study	Study	Study																
5 Evaluate long-term feasibility of using Free Chlorine for Disinfection		Study	Study	Study	Study	Study	Study	Study	Study	Study																
6 Evaluate Recycle Stream impact on chloramine stability																										
7 Evaluate impact of Bromide on Chloramine stability		Study	Study	Study																						
8 Update and train Standard Operating Procedures that are impacted by improvements		Study	Study	Study	Study	Study	Study	Study	Study	Study																
9 Evaluate the potential to remove Total Organic Carbon					Study	Study	Study	Study	Study	Study																
10 Evaluate the impact of Sequestering Agent.					Study	Study	Study	Study	Study	Study																

KEY

Study

Design

Construction/Installation

Monitoring & Operational Modifications



# Water Distribution System

	Action Items	Month																									
		MAY		JUN				JUL				AUG				SEP				OCT				NOV			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1	Coordination Team Meetings (twice weekly)																										
2	Clean and chlorinate all tanks																										
3	Evaluate and, if needed, install Temporary chlorine booster stations at Navigation and Holly pump stations																										
4	Update Nitrification Action Plan																										
5	Validate localized unidirectional flushing (UDF) sequences																										
6	Review/ update Standard Operating Procedures for Conversion back to Chloramination																										
7	Improve Chloramination Monitoring and Chemical Feed Controls at Staples & Sand Dollar Pump Stations																										
8	Evaluate and update Distribution System Operations Plan																										
9	Evaluate and possibly install Chloramination Monitoring & Chem Feed Controls at Holly and Navigation pump stations																										
10	Document current Standard Operating Procedures for Free Chlorine Conversions.																										
11	Review and possibly accelerate construction of new Elevated Storage Tanks																										
12	Produce Localized Chlorine conversions (burn) Protocols																										
13	Evaluate tank mixing (and inlet/outlet locations) to minimize short circuiting																										
14	Verify Tank Maintenance Schedule for tanks																										



Questions?