

WATER SUPPLY IMPROVEMENTS

March 15, 2013

HISTORICAL MILESTONES

- August 20, 1979 City Council executes an Agreement to purchase water from Oklahoma Ordnance Works Authority (OOWA) for a period of thirty-one years.
- January 1, 1982 The water purchase Agreement with OOWA becomes effective, which establishes the corresponding expiration date as December 31, 2012.
- February 16, 2004 City Council formally establishes the Long Range Water Supply Committee tasked with the responsibility to study the community's current water supply system, develop and analyze water supply alternatives, make recommendations to water supply system in order to provide a 50-year planning horizon.
- March 6, 2006 City Council adopts through formal action the recommendations of the Long Range Water Supply Committee, which included: (1) construct a new water treatment facility with a capacity up to 30 million gallons a day (MGD), and (2) renegotiate a long term water purchase contract with OOWA to provide up to 20 MGD of supplemental water to the community.
- April 2, 2007 City Council executes an Agreement with HDR Engineering, Inc., a professional engineering consulting firm, to develop a Water Supply System Master Plan that investigates, evaluates and incorporates the recommendations of the Long Range Water Supply Committee.
- March 18, 2008 HDR Engineering, Inc. presents the Plan Development Report (Water Supply Master Plan) to Broken Arrow Municipal Authority. No action taken on the presentation.
- June 17, 2008 City Council executes an amendment to the Agreement with HDR Engineering, Inc. to incorporate the required pilot testing services for membrane treatment as required by the Oklahoma Department of Environmental Quality (ODEQ).
- Sept. 15, 2009 BAMA executes an amendment to the Agreement with HDR Engineering, Inc. to perform Phase I design services on the new Water Treatment Facility.
- October 1, 2009 BAMA submits the Membrane Filtration Pilot Study Report for approval to Oklahoma Department of Environmental Quality (ODEQ).

April 24, 2010 Oklahoma Department of Environmental Quality formally approves the Membrane Filtration Pilot Study Report.

August 24, 2010 City of Broken Arrow officially requests to negotiate purchase of supplemental water through an Agreement with the Tulsa Metropolitan Utility Authority (TMUA).

November 4, 2010 BAMA submits the Engineering Report on the new Verdigris River Water Treatment Facility to Oklahoma Department of Environmental Quality as required by regulations.

January 26, 2011 BAMA executes a forty year Agreement with TMUA to purchase up to 20 MGD of supplemental water with an effective date of January 1, 2013, and a corresponding expiration date of December 31, 2053.

May 17, 2011 City Council/BAMA executes an amendment to the Agreement with OOWA to extend the purchase of water for one additional year.

August 19, 2011 Oklahoma Department of Environmental Quality formally approves the Engineering Report on the new Verdigris River Water Treatment Facility.

October 14, 2011 Oklahoma Department of Environmental Quality grants the Permit to Construct the new Verdigris River Water Treatment Facility.

October 17, 2011 Advertised new water treatment plant construction plans for competitive bids.

December 2, 2011 Open public bids on new water treatment plant.

February 7, 2012 BAMA awards construction contract on new water treatment plant to Crossland Heavy Contractors, Inc. in the amount of \$56,831,875.

March 5, 2012 City of Broken Arrow issues Notice to Proceed on the construction of the new Verdigris River Water Treatment Facility.

June 18, 2012 BAMA executes an Agreement with Professional Engineering Consultants, PA, a professional engineering consulting firm, to perform an Engineering Study as required by Oklahoma Department of Environmental Quality (ODEQ).

Sept. 2, 2012 Oklahoma Department of Environmental Quality grants the Permit to Construct the new water supply connection to Tulsa.

October 16, 2012 BAMA awards construction contract on new supplemental water supply connection with Tulsa to MSB Construction, Inc. in the

amount of \$857,778.

- Dec. 17, 2012 City of Broken Arrow issues Notice to Proceed on the construction of the new water supply connection with Tulsa.
- Dec. 21, 2012 Oklahoma Department of Environmental Quality approves the Engineering Study and authorizes the City to begin public notification.
- January 2, 2013 BAMA ratifies award of construction contract with MSB Construction, Inc. in accordance with ODEQ approval to award.

PROJECTED MILESTONES

- March 15, 2013 City scheduled to begin Public Education Program.
- April 1, 2013 Crossland Heavy Contractors may demolish existing water treatment plant facilities at defined by construction contract.
- April 16, 2013 MBS Construction contract scheduled for completion.
- May 15, 2013 Convert Secondary Disinfection System to Chloramines