

**2010
HONOR
AWARD**

**Category A: CH2M Hill in
association with HDR Engineering
and Lamp Ryneerson & Associates**

“Omaha Long Term Control Plan”

Client: The City of Omaha, Nebraska



In 2006, the City of Omaha was faced with the challenge of meeting a tight deadline to comply with a federal mandate to create a Long Term Control Plan to improve its water quality by reducing the number of untreated combined sewer overflows (CSO) throughout the City’s combined sewer system. CSO issues arise when rain events cause treatment limitations, resulting in CSO discharges consisting of a mix of untreated sewage and stormwater flowing into the Missouri River or the Papillion Creek tributaries and causing basement backups.

City staff partnered with CH2M HILL, in association with HDR and Lamp, Ryneerson & Associates, to assist in satisfying state and federal regulatory agencies, provide public and stakeholder benefits, and create solutions that are sustainable, cost-effective, and implementable within the mandated timeframe.

Development of the plan was a significant challenge because of the expansive service area (including a 43-square-mile CSS with more than 790 miles of combined sewers). CH2M HILL, HDR, and LRA, formed the Program Management Team and worked with the City, the public, stakeholders, and regulators to develop a comprehensive plan that will minimize the number and volume of CSOs and significantly reduce the number of sewer backups. The plan identifies cost-effective controls, meets regulatory requirements, is as affordable to ratepayers as possible.