

US EPA ARCHIVE DOCUMENT

## FINDING OF NO SIGNIFICANT IMPACT

### **Piping Components for the Wastewater Treatment System Expansion Project for Lake Havasu City**

#### **Project Location and Description**

Lake Havasu City, Arizona has requested grant funds in the amount of \$1,433,600 from the United States Environmental Protection Agency (EPA) to fund the piping for treatment processes and non-potable water lines at the North Regional Wastewater Treatment Plant (NRWWTP). The NRWWTP will expand the current wastewater collection system in Lake Havasu City as part of an effort to mitigate against elevated nitrate levels in the City's aquifer. The wastewater collection system expansion and the construction of the NRWWTP is a component of the Lake Havasu City Master Plan for wastewater. The EPA is considering fulfilling this funding request.

#### **Purpose and Need for the Proposed Action**

The proposed project consists of purchasing and installing buried yard piping to connect the different treatment components of the NRWWTP. Additionally, waterlines will be installed to collect non-potable water which is necessary to occupy and operate the plant. The underground piping network will consist of the following systems: sewer system, non-potable water system, air piping, and odor control piping.

Ductile iron and glass lined-ductile iron pipes of the plant sewer system will convey waste flows to a pump station and the plant sewer pump station will recycle flows back to a screens building. Vitrified clay pipe lines will be installed to collect flows from restrooms, basin washdown flows, basin drain flows, belt press filtrate, and sludge tank supernatant. The main recycle flows will include belt filter press filtrate, wash water, and sanitary wastes. Schedule 80 polyvinyl chloride lines will supply non-potable reclaimed water throughout the NRWWTP for onsite irrigation and to provide wash down water for treatment processes. Stainless steel air piping will be installed between several facilities in the treatment operation, including between process air blowers and aeration basins, between membrane blowers and membrane cassettes, and between the sludge holding tank and mixing blowers and the equalization basin and mixing blowers. Fiber reinforced plastic odor control piping will be installed between the odor control scrubbers and the screens and dewatering building, equalization basin, septage receiving station, sludge holding tank, aeration basins, and membrane basins.

#### **Environmental Consequences**

In accordance with the National Environmental Policy Act (NEPA), an Environmental Assessment (EA) was prepared to evaluate the environmental impacts of the proposed action. Detailed analyses of the project are contained in the EA. Pursuant to the analysis

contained in the EA, EPA has determined the action will not have a significant impact on the quality of the environment. Consequently, EPA made the decision to prepare this Finding of No Significant Impact (FONSI) and not to prepare an Environmental Impact Statement for this action.

**Public Review**

The EA and FONSI are available for review on the EPA Region 9 website at the following URL: <http://www.epa.gov/region09/nepa/epa-generated.html>. The EA and FONSI are also available at the EPA Region 9 Office, 75 Hawthorne Street, San Francisco, CA 94105-3901. To make an appointment to review these documents at this location, contact Kate Rao at (415) 972-3533 or via e-mail at [rao.kate@epa.gov](mailto:rao.kate@epa.gov). A copy of the EA and FONSI are also available at the Mohave County Library at Lake Havasu City, 1770 N. McCulloch Blvd., Lake Havasu City, AZ 86403

The public comment period runs from June 15, 2007 to July 16, 2007. Comments should be mailed to Kate Rao, USEPA Region 9, Ground Water Office (WTR-9), San Francisco, CA 94105-3901 or faxed to Ms. Rao at (415) 947-3549.

The EPA will review, consider, and respond to all comments submitted on the proposed EA and FONSI. The EPA will not take final action on the FONSI prior to the expiration of this comment period, and EPA’s review and response to any comments received.

This FONSI is final upon signature by the U.S. EPA, Region 9, Regional Administrator. If this FONSI is signed, it will not be recirculated for review, but will be available to any individual upon request.

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 Wayne Nastri  
 Regional Administrator  
 EPA, Region 9

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 Date