

Albuquerque Metropolitan Arroyo Flood Control Authority

Raven Pond Community Meeting

Westside Community Center • June 13, 2018 • 6:00 – 7:30 p.m.

Agenda

Objectives:

1. To address community concerns with the operation of Raven Pond and Laguna de Cuervo
 - Ground water
 - Sulfur Odor
 - Mosquitoes

Agenda Process (times are approximate):

5:45 “Open House”—Informal Review and Discussion of the Project

- Participants will have a chance to review maps of the project and talk with team members about it.
- Water and cookies will also be served.

6:05 Welcome and Introductions

6:10 Overview of the Project; Local Benefits & Impacts

- AMAFCA will provide an overview of the project, Flood Control and Water Quality
- How Raven Pond has allowed drainage improvements on Bridge, Blake and Barcelona to move forward with the reduction in flood plain in the future
- Ground water infiltration

6:15 Whole Group Q&A and Conversation

- Sulfur Odor
 - a. Water test results – No Sanitary Sewer leaks or spills. No Septic Tanks, No Leach Fields
 - b. Presentation on the cause – Sulfate reducing microorganisms
 - c. Field sampling results – Hydrogen sulfide monitoring results
 - d. Outline steps to reduce sulfur odor
 - i. Concentrate ground water
- Mosquitoes
 - a. Work that has been done to date – Larvicides, Gambusia fish, spraying
 - b. Field sampling results – Mosquito survey results
 - c. Outline steps to address reduce Mosquito breeding habitat
 - i. Concentrate ground water
 - ii. Deepen open water conveyance
 - iii. Modify larvicide placement using pellets
 - iv. Reduce cattail concentrations

7:20 Next Steps

7:40 Topics for Next Public Meeting

7:45 Adjourn

**Raven Pond
Community Meeting**

**Wednesday, June 13
6:00pm
West Side Community Center**

Topics for Discussion

- *What steps are going to be taken to help with the smell and mosquito issue*
- *Water tested for sewer*
- *Is there a sewer line to the pond that could have liquid waste*
- *What is the plan to get the water circulated*
- *Can the five year plan be moved up to three-four year plan*

Project History

AMAFCA teamed with Bernalillo County and the US Army Corps of Engineers (COE), Albuquerque District to address flooding in the South Valley. Bernalillo County and AMAFCA co-sponsored the South Valley Flood Reduction Study in 1998. The Study was completed in 2004 and the highlights include:

- The COE produced a drainage plan for the entire valley floor. The area bounded by Central Avenue on the north to the Pueblo of Isleta on the south (22 square miles)
- The drainage plan expands and utilizes the existing irrigation facilities owned and maintained by the Middle Rio Grande Conservancy District, specifically the Isleta, Los Padillas and Armijo Drains
- The project detains flood waters within the drain system reducing damages to surrounding properties

Bernalillo County Commissioners joined with the AMAFCA Board of Directors to program funds over the last 14 years to fund the local sponsor's share of the project costs.

As a result, projects are currently being designed and built that utilize the backbone system outlined and built by the federal project. Completed or projects in progress that were made possible by the federal project:

- South Valley Flood Reduction Project Phase I and II
- Isleta Boulevard Drainage Improvements Phase I and II
- Goff Road Drainage Improvements
- Arenal Road Drainage Improvements
- Blake Road Drainage Improvements
- Barcelona Road Drainage Improvements
- Sunset Gardens Drainage Improvements

What you need to know

Raven Pond and Laguna de Cuervo are surge ponds that take and store stormwater from the Isleta Drain and slowly returns the water back to the drain to prevent flooding in the surrounding area and to remove mapped floodplain. Raven Pond serves the area north of Rio Grande High School north to Central Avenue. Raven Pond also serves as required habitat restoration for the federal project.

Today, ground water is currently present in both ponds and is slowly draining back into the drain. The ground water is causing a sulfur odor due to bacteria activity and is a source for mosquito habitat. AMAFCA maintains both ponds in accordance with EPA and habitat restoration requirements.

You are Invited to a Community Meeting

AMAFCA will address the sulfur odor and the mosquito problem at the public meeting at the Westside Community Center, 1250 Isleta Blvd. AMAFCA has enlisted experts at the Water Authority and Environmental Health to monitor odor and mosquito populations and AMAFCA will report on the results. AMAFCA appreciates your patience and apologizes for any inconvenience as we modify the operation of the ponds.