



# East Central Phoenix - 48th Street & Indian School Road WQARF Site

Proposed Remedial Objectives

September 12, 2019



# What is a Remedial Objective?

- “Remedial Objective” (as defined in the Arizona Administrative Code [R18-16-401]) means the goal, as established by the “Remedial Investigation Process,” to be achieved by a remedy.
- The “Remedial Objective” is the “Site Clean-Up Goal.”

- The “Remedial Objective Report” (as defined in the Arizona Administrative Code [R18-16-406]) shall state the remedial objectives for each listed land and water use as follows:
  - Protect against loss or impairment of land and water use.
  - Restore, replace, or otherwise provide identified use of land and water.
  - Time frame when action is needed to protect against loss of land and water use.
  - Duration of action needed to protect or provide for land and water use.

- Land Use
  - Combination of Residential & Commercial Use
  - Not Expected to Change Over Next 100 Years
- Water Use
  - Aquifer Source of Drinking & Irrigation Water
  - Not Expected to Change Over Next 100 Years

- A Remedial Objective for Soil is Not Needed
- Why?
  - Impacted Soil at Source Area Remediated with Soil Vapor Extraction
  - Soil and Soil Vapor Concentrations Below Regulatory Levels

## Irrigation Water Use

Protect against the loss or impairment of irrigation water threatened by the contaminants of concern at the 48th and Indian School Road WQARF Site. Where protection cannot be achieved in a reasonable, necessary, or cost-effective manner; restore, replace, or otherwise provide for irrigation water that is lost or impaired by the contaminants of concern at the 48th and Indian School Road WQARF Site. Action is needed for as long as necessary to ensure that, while the water exists and the resource remains available, the contamination associated with the 48th and Indian School Road WQARF Site does not prohibit or limit the designated use of groundwater.

## Potable Water Use

Protect against the loss or impairment of potable water threatened by the contaminants of concern at the 48th and Indian School Road WQARF Site. Where protection cannot be achieved in a reasonable, necessary, or cost-effective manner; restore, replace, or otherwise provide for potable water that is lost or impaired by the contaminants of concern at the 48th and Indian School Road WQARF Site. Action is needed for as long as necessary to ensure that, while the water exists and the resource remains available, the contamination associated with the 48th and Indian School Road WQARF Site does not prohibit or limit the designated use of groundwater.

- A Remedial Objective for Surface Water is Not Needed
- Why?
  - Current Surface Water Use is Irrigation from SRP Canals. Water in the SRP Canals is Supplemented with Groundwater. The Groundwater Remedial Objectives Address the Groundwater Pumped into the Canals from Wells at the Site.



- Verbal Solicitation in Meeting Today = State Your Name, Affiliation, and Verbal Comment.
- Provide Written Solicitation Today = Complete and Turn in Written Comment on ADEQ Form.

- 30-Day Comment Period that Begins with the Notice of Availability of the Draft Remedial Objective Report.

## **How to Comment on Proposed Remedial Objectives:**

- Email Comments to: [Titus.Thomas@azdeq.gov](mailto:Titus.Thomas@azdeq.gov)

- Mail Comments to:

Arizona Department of Environmental Quality  
Waste Programs Division  
Attention: Tom Titus  
1110 W. Washington St.  
Phoenix, AZ 85007