

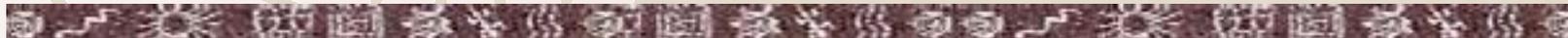
Interagency Collaboration

Joint Air Toxics Assessment Project (JATAP)

Presented by:
Christella Armijo, Environmental Engineer
Salt River Pima-Maricopa Indian Community

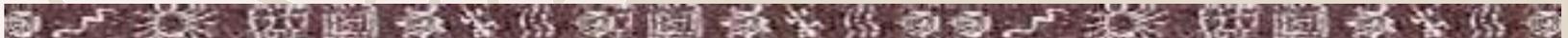
To:
EPA National Air Monitoring Conference

November 8, 2006



Phoenix Joint Air Toxics Assessment Project (JATAP)

- **Joint effort between state, county, tribal and EPA officials to address the risk from air toxics in the greater Phoenix metropolitan area.**
- **The collaboration is guided by a steering committee that address policy and technical issues through a consensus based process**
- **Logistical and technical support provided by Institute of Tribal Environmental Professionals (ITEP)**



JATAP Participants

- **Agencies with JATAP funded projects:**

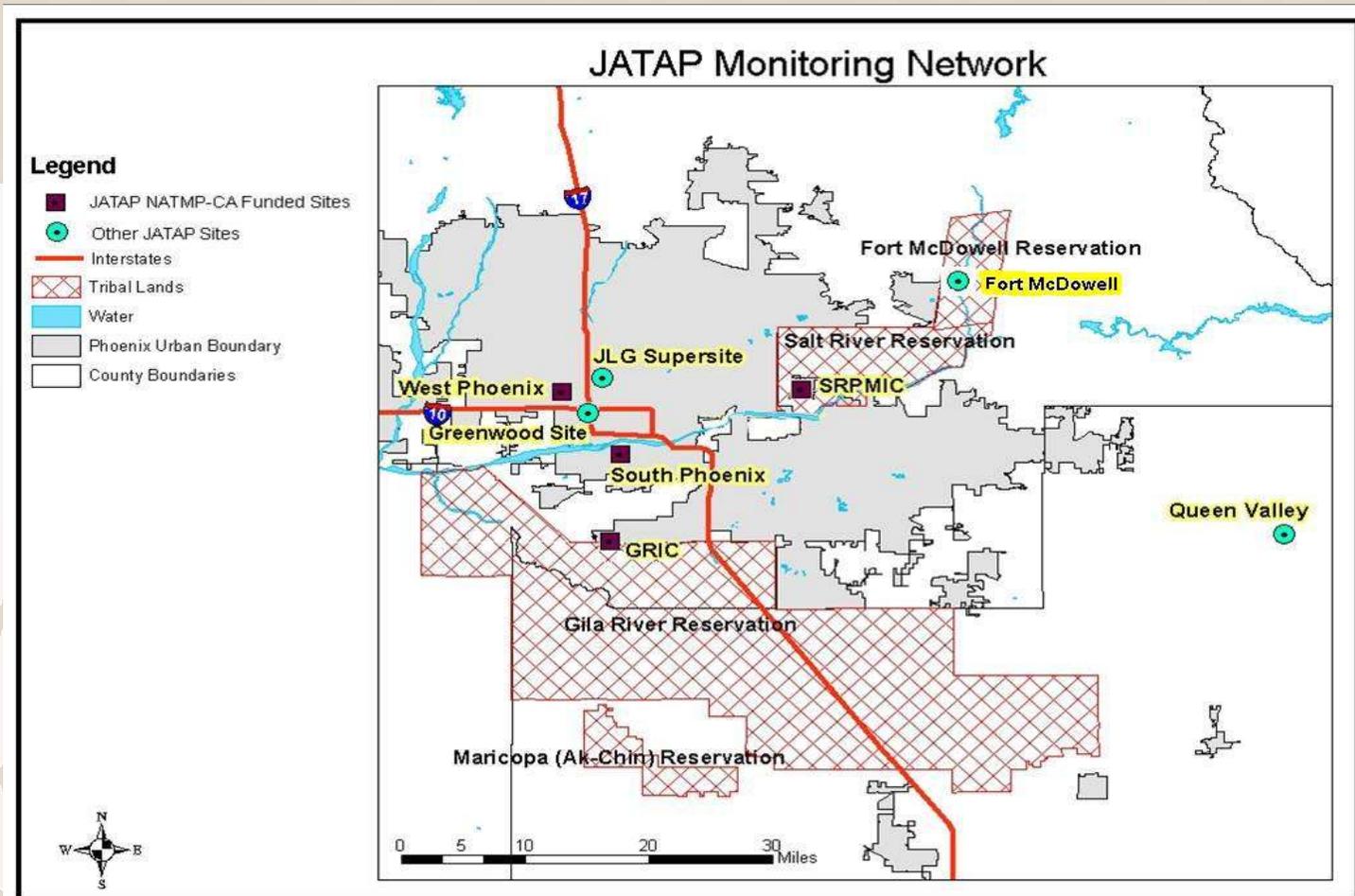
- Salt River Pima-Maricopa Indian Community
- Fort McDowell Yavapai Nation
- Gila River Indian Community
- Arizona DEQ
- Institute for Tribal Environmental Professionals

- **Other Participating Agencies**

- Maricopa County Air Quality Department
- Pinal County Air Quality Control District
- EPA Region 9 Air Division
- University of Arizona
- City of Phoenix
- Dept. of Transportation
- Sonoma Technologies



JATAP HAP Monitoring Network, 2005



Benefits of Interagency Collaboration

- **Maximize Resources**
- **Data Sharing**
- **Relationship Building**
- **Larger Knowledge Base**
- **Increased Cultural Sensitivity**



Future Use of JATAP Monitoring Data

- **Critical for future risk assessment effort**
 - **Detailed emission inventory**
 - **Dispersion modeling**
 - **Human exposure modeling**
 - **Quantification of cancer and non-cancer risk due to inhalation exposure**



Continuing JATAP Monitoring Collaboration

- **ADEQ and SRPMIC installed Differential Optical Absorption Spectrometer (DOAS) in September 2006, for continuous measurements of key VOC and carbonyl species**



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