

# Acequia Monitoring Outreach & Restoration Project



NM Watershed Forum  
September 29, 2010





**Bridge Blvd.**



## Preliminary Activity in the South Valley

### ≈ Amigos Bravos began to network in the South Valley

- Helped bring youth and other community testimony to the Water Quality Control Commission to upgrade Rio Grande water standards (2004)
- Helped organize a community-wide cross-cultural San Ysidro fiesta centered on blessing of the acequias (2006)
- Began to work on senior water rights and South Valley acequia issues (2006)
- Concern with impacts of the San Juan-Chama Drinking Water Project

# South Valley Partners Acequia Monitoring Study - 2005

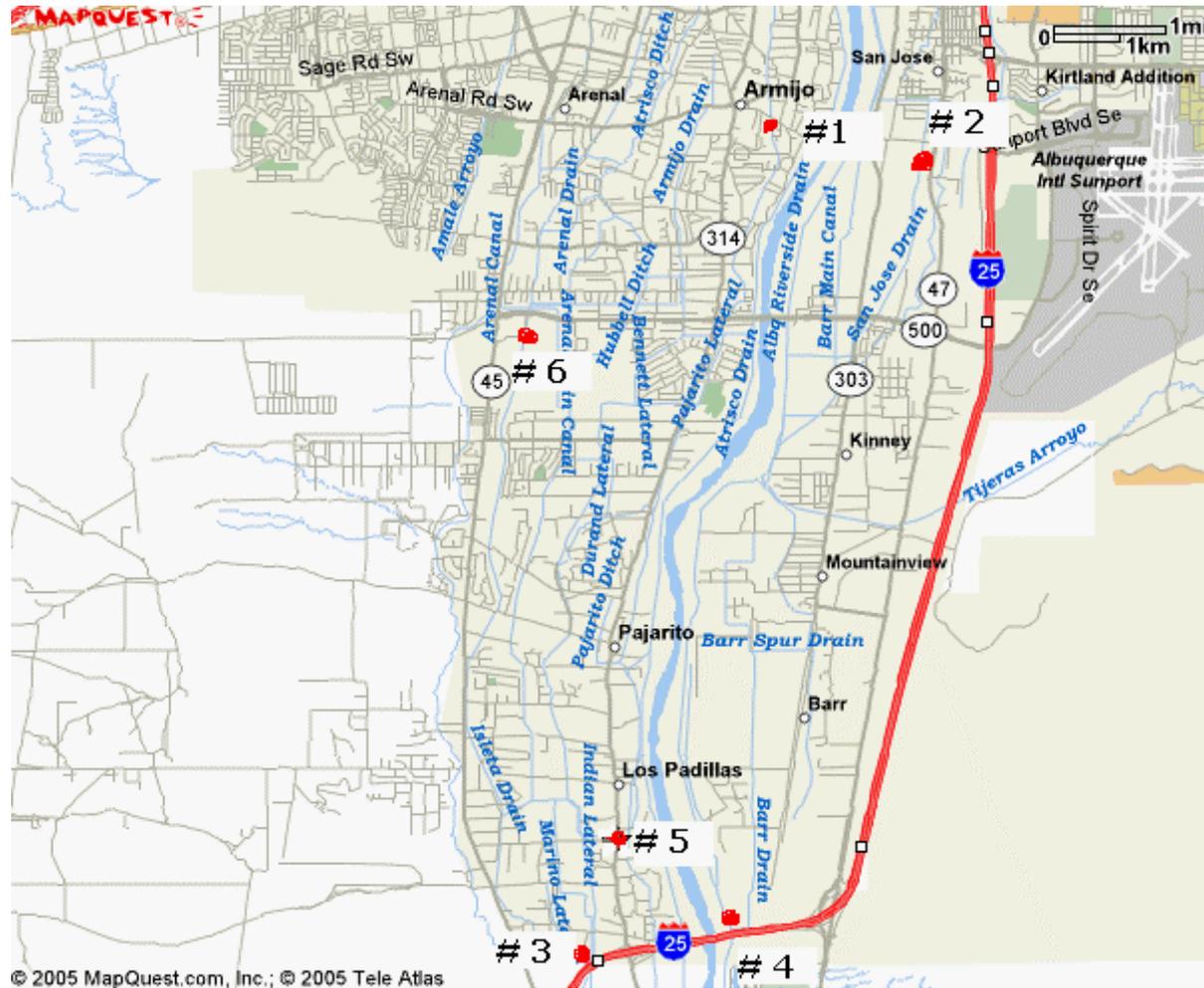
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≈ South Valley Partners for Environmental Justice (SVPEJ)

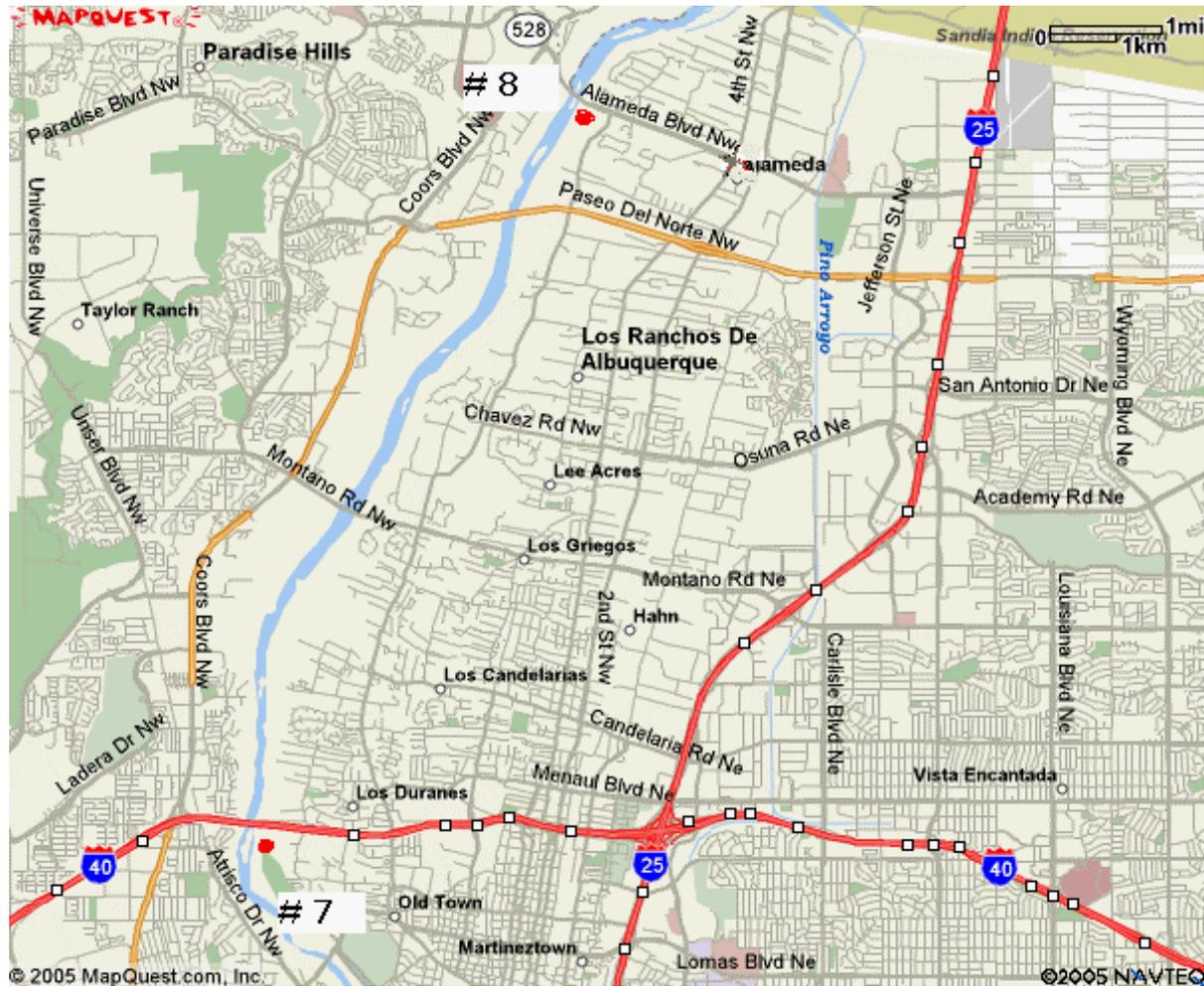
- Rio Grande Community Development Center *promotores*
- Bernalillo County Office of Environmental Health
- UNM School of Medicine Community Health Program

≈ Response to concerns of South Valley community residents

# South Valley Partners Acequia Monitoring Study - 2005



# South Valley Partners Acequia Monitoring Study - 2005



## Middle Rio Grande Bosque Initiative Project – 2008

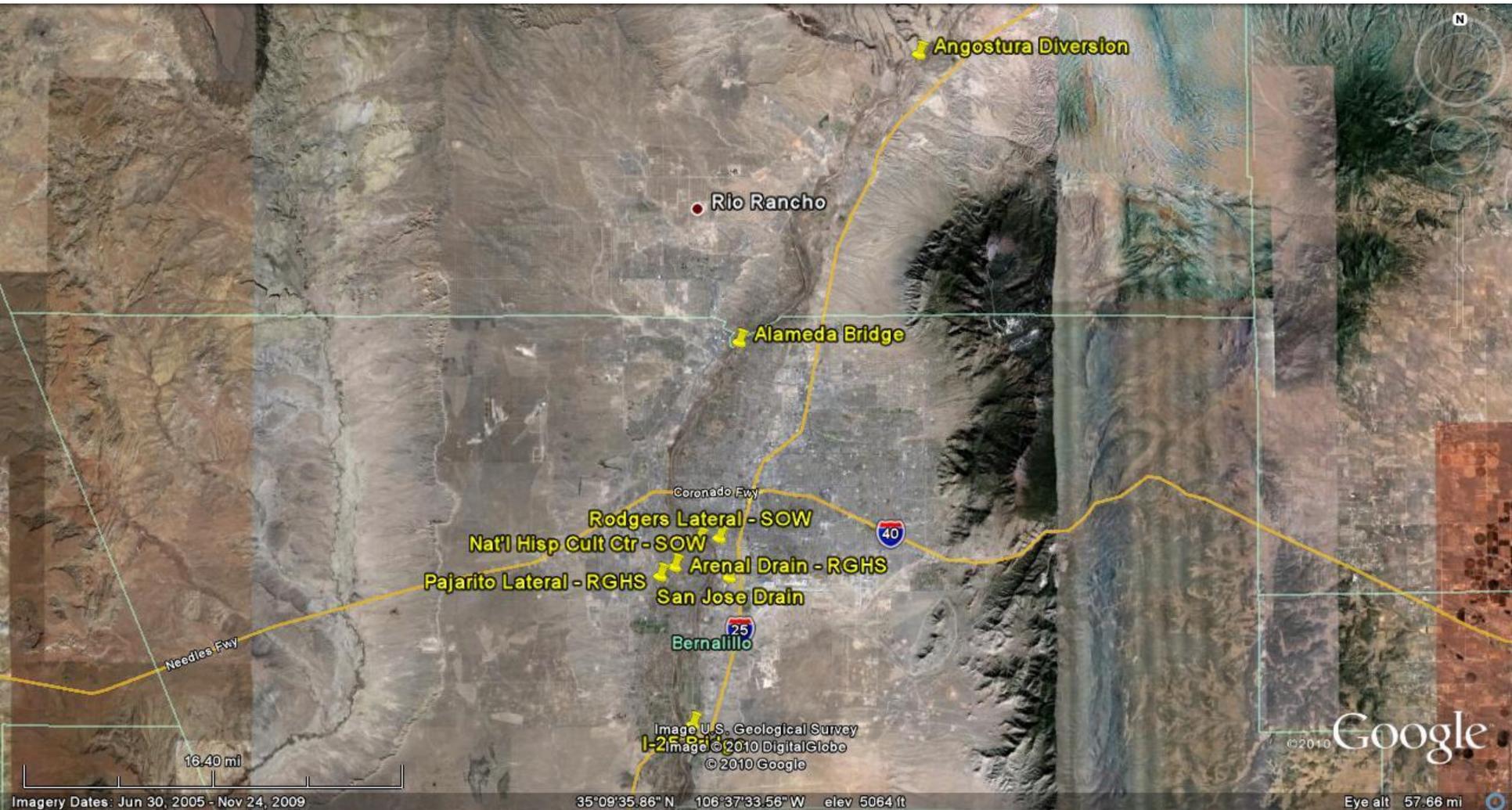
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- ≈ Grant from the US Fish & Wildlife Service through the Middle Rio Grande Bosque Initiative
- ≈ Worked with SVPEJ to identify sites & analytes
- ≈ Identified interested schools
- ≈ Followed general protocol of the 2005 SVPEJ study
  - Sample three times during irrigation diversion season (March – October)
  - Look at broad range of analytes based on results of 2005 study and new concerns related to the Drinking Water Project

# Middle Rio Grande Bosque Initiative Project – 2009

<b>SITES</b>	<b>Angostura Diversion</b>	<b>Alameda Bridge</b>	<b>Rodgers Lateral</b>	<b>NHCC BEMP</b>	<b>Arenal Drain</b>	<b>Pajarito Lateral</b>	<b>San Jose Drain</b>	<b>I-25 Bridge</b>
	<i>Amigos Bravos</i>	<i>Amigos Bravos</i>	<i>School on Wheels</i>	<i>School on Wheels</i>	<i>RGHS</i>	<i>RGHS</i>	<i>Amigos Bravos</i>	<i>Amigos Bravos</i>
<b>ANALYTES</b>								
<b>Total Dissolved Solids</b>	X	X	X	X	X	X	X	X
<b>Nutrient Group</b>	X	X	X	X	X	X	X	X
<b>Metals Group</b>	X	X	X	X	X	X	X	X
<b>Mercury</b>	X	X	X	X	X	X	X	X
<b>TRPH</b>			X	X	X	X	X	X
<b>Gross Alpha &amp; Gross Beta</b>	X							X
<b>E. coli</b>	X	X	X	X	X	X	X	X
<b>SVOCs</b>							X	X
<b>EDCs / PPCPs</b>	X			X				X

# Overview of Acequia Sampling Project Sites



# Angostura Diversion (Algodones)



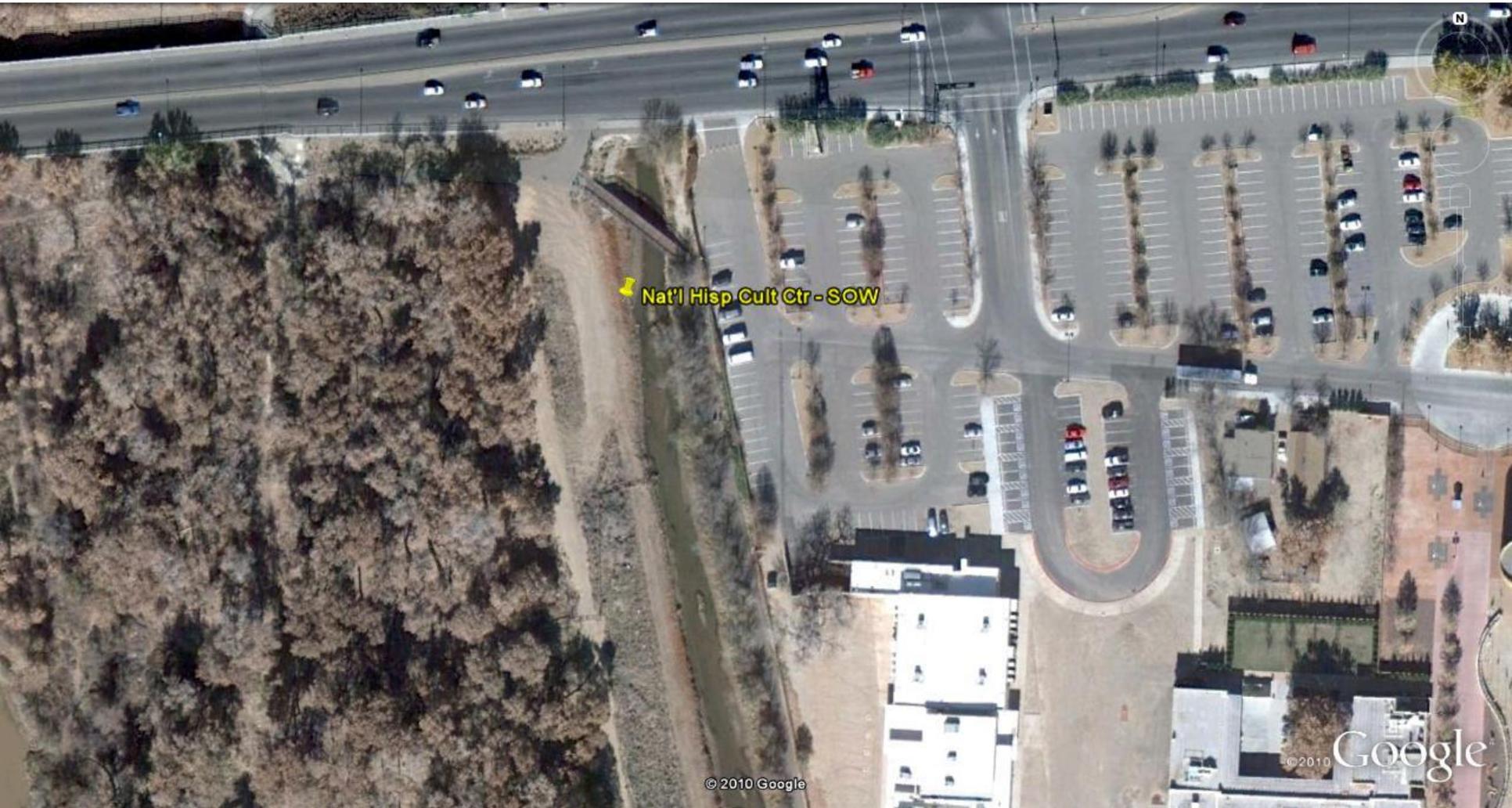
# Alameda Bridge & San Juan Chama Diversion



# School on Wheels Sites



# School on Wheels Sites – National Hispanic Cultural Center



# School on Wheels Sites – Rodgers Lateral



# Río Grande High School Sites



# Río Grande High School Sites – Arenal Drain



# Río Grande High School Sites – Pajarito Lateral



# San Jose Drain @ General Electric Plant



# Riverside Drain & I-25 Bridge



# Middle Rio Grande Bosque Initiative Project – Training



# Middle Rio Grande Bosque Initiative Project – Training



# Middle Rio Grande Bosque Initiative Project – Sampling



# Middle Rio Grande Bosque Initiative Project – Sampling



# Middle Rio Grande Bosque Initiative Project – Sampling



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# Middle Rio Grande Bosque Initiative Project – Sampling



(AP Photo/Susan Montoya Bryan) <http://news.yahoo.com/nphotos/slideshow/photo//091021/480/88ee7e03ee914804a91a94639dae1c8b/>

# Middle Rio Grande Bosque Initiative Project – Sampling



(AP Photo/Susan Montoya Bryan)

<http://news.yahoo.com/nphotos/slideshow/photo//091021/480/f90a954b402046f0bb8118b5aa3b94d0/>

# Middle Rio Grande Bosque Initiative Project – Sampling





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