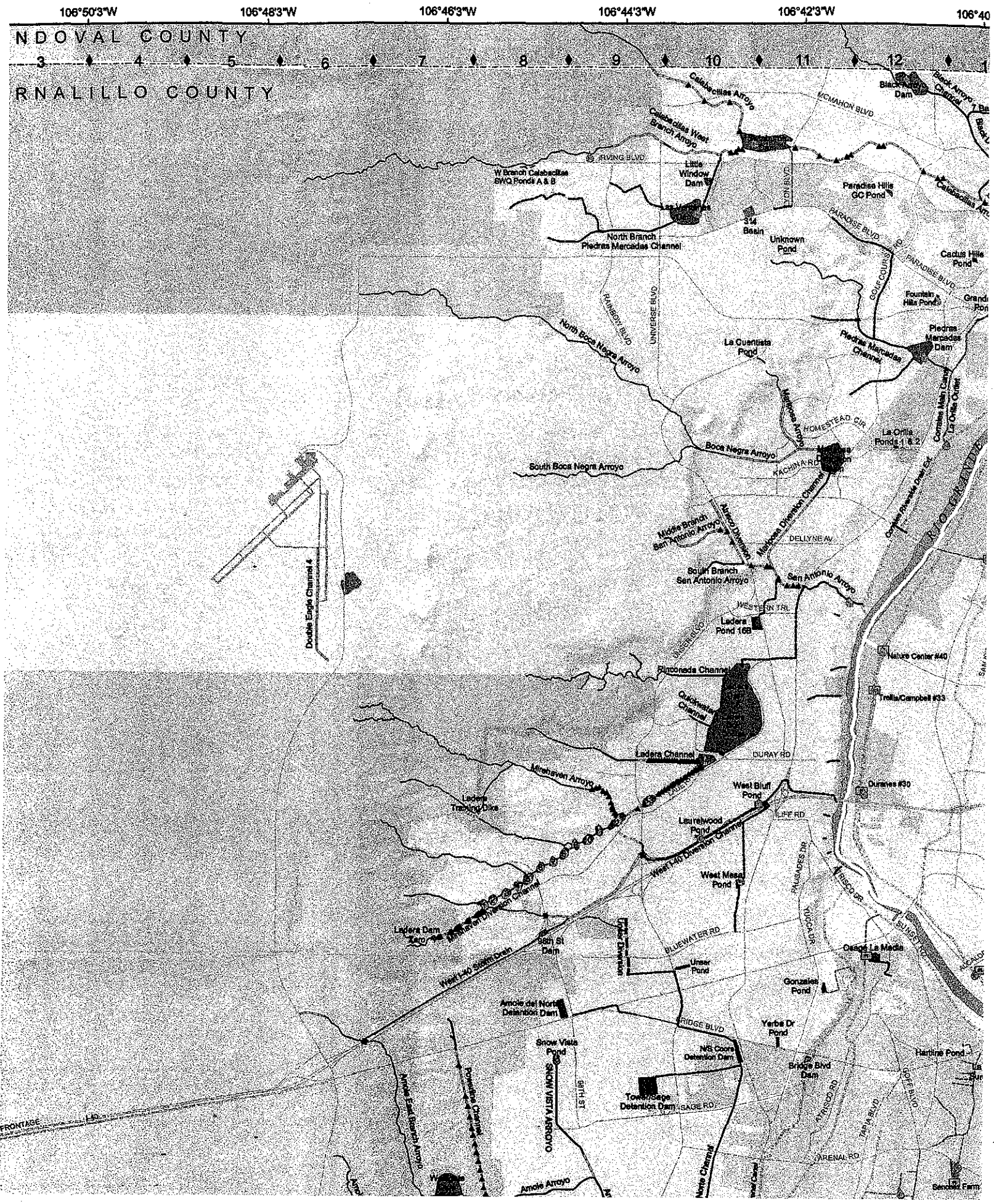
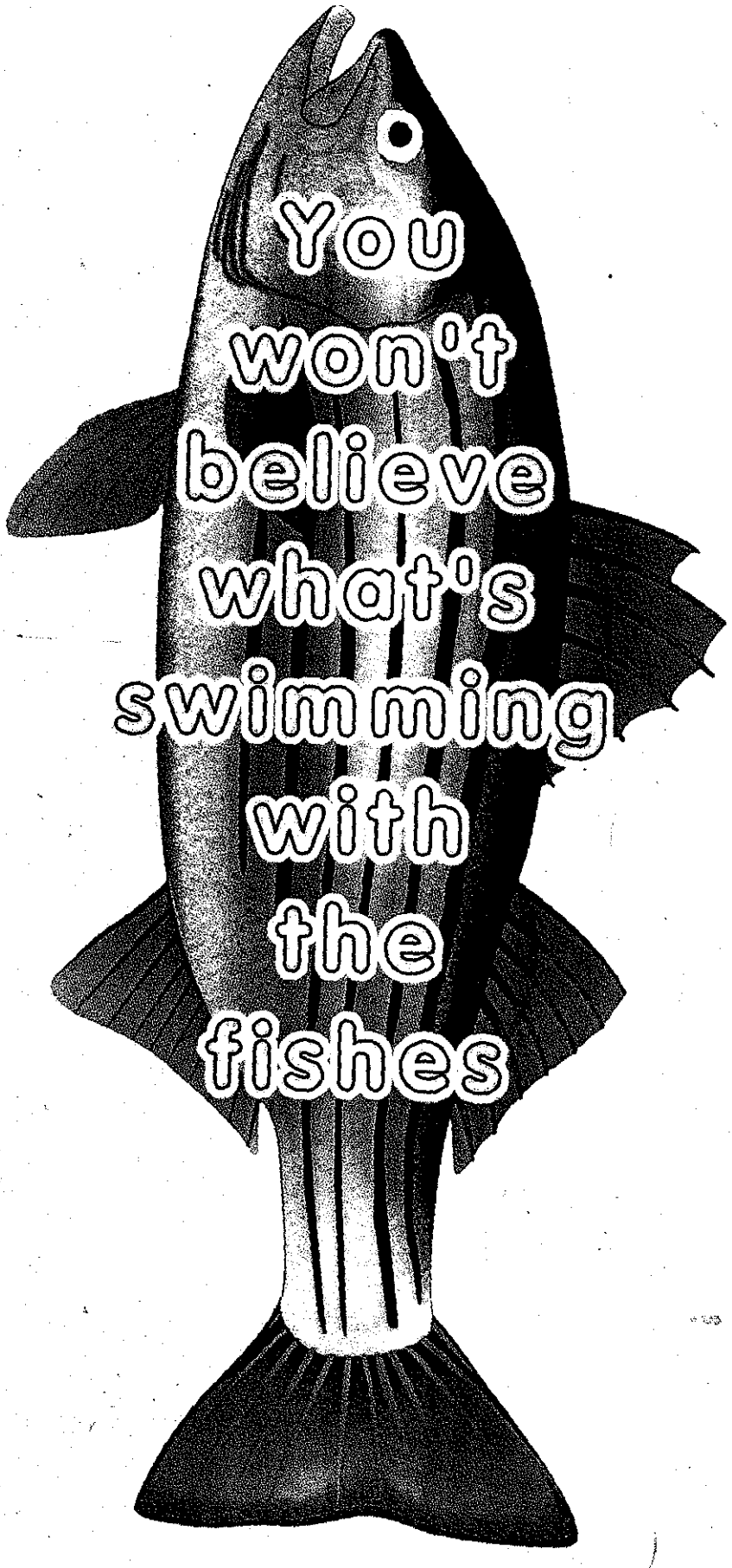

106°50'3"W
106°48'3"W
106°46'3"W
106°44'3"W
106°42'3"W
NDOVAL COUNTY
RNALILLO COUNTY
Calabacillas Arroyo
Calabacillas West Branch Arroyo
MCMAHON BLVD
Black Mesa Dam
Rock Arroyo Channel
IRVING BLVD
W Branch Calabacillas SWQ Ponds A & B
Little Window Dam
LYON BLVD
Paradise Hills GC Pond
Calabacillas Arr
North Branch Piedras Marcadas Channel
314 Basin
Unknown Pond
PARADISE BLVD
GOLF COURSE RD
Cactus Hills Pond
Fountain Hills Pond
Grandi Pon
RAINBOW BLVD
UNIVERSE BLVD
North Boca Negra Arroyo
La Cuentista Pond
Piedras Marcadas Channel
Piedras Marcadas Dam
Corrales Main Canal
La Orilla Outlet
Meadows Arroyo
HOMESTEAD CIR
La Orilla Ponds 1 & 2
Boca Negra Arroyo
KACHINA RD
South Boca Negra Arroyo
Corrales Riverside Drain Ext.
Alameda Diversion Channel
Alameda Diversion
Middle Branch San Antonio Arroyo
DELLYNE AV
South Branch San Antonio Arroyo
San Antonio Arroyo
WESTERN TRL
Double Eagle Channel 4
Ladera Pond 16B
UNSER BLVD
Nature Center #40
Rincones Channel
Trellis/Campbell #33
Quaknaas Channel
Ladera Channel
DURAY RD
Minnisaven Arroyo
West Bluff Pond
Durasnes #30
Ladera Training Dike
LUPE RD
Laurelwood Pond
West Side Diversion Channel
West Mesa Pond
PALISADES DR
PARISCO DR
Ladera Dam
West Side Diversion Channel
68th St Dam
Ladera Diversion
BLUEWATER RD
West Side Storm Drain
Unser Pond
Gonzales Pond
Osage La Media
Arroyo del Norte Detention Dam
RIDGE BLVD
Yerba Dr Pond
Snow Vista Pond
NW Corrs Detention Dam
Bridge Blvd Dam
Hartline Pond
68TH ST
SNOW VISTA ARROYO
Tower/Sage Detention Dam
SAGE RD
Arroyo East Branch Arroyo
Powerline Channel
Arroyo Arroyo
Nuto Channel
ARENAL RD
Sandoval Farm
FRONTAGE

Help

Keep the RIO Grand!

www.keeptheriogrand.org


You
won't
believe
what's
swimming
with
the
fishes

8

APPENDIX G
STORM WATER QUALITY IMPROVEMENTS

WATER QUALITY FEATURES INSTALLED IN 2008

Figure 1. Trash rack at Tingley Park/Detention Basin
(Project by COA and AMAFCA)

Figure 2. Fence and sign installed in Sierra Vista Shopping Center easement
(COA "HELP" project)

WATER QUALITY FEATURES INSTALLED IN 2008

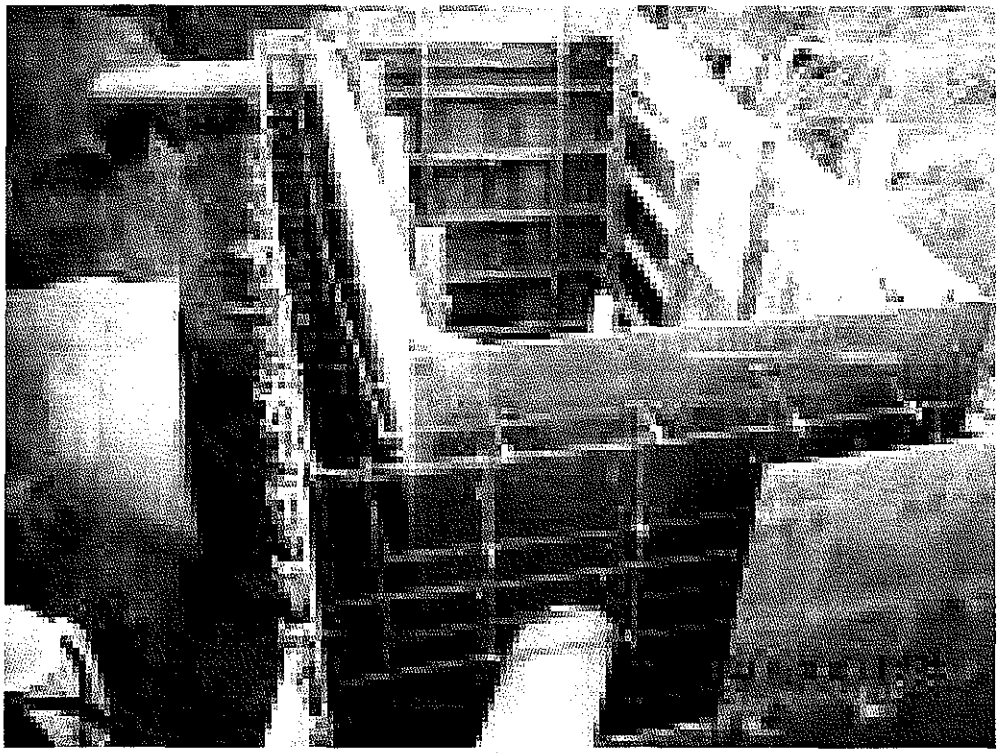


Figure 3. Storm water outlet feature at the Post Office Pond
(Project by COA and AMAFCA)

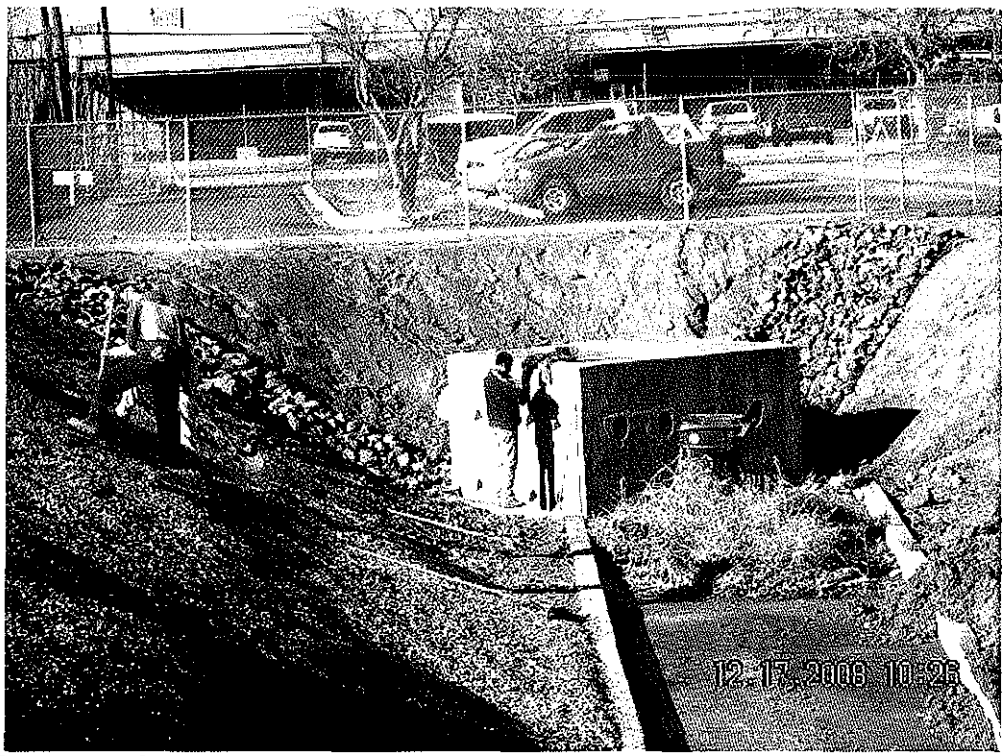


Figure 4. Storm water quality feature installed at the AQ Pond on Odelia
(Project by COA)

WATER QUALITY FEATURES INSTALLED IN 2008

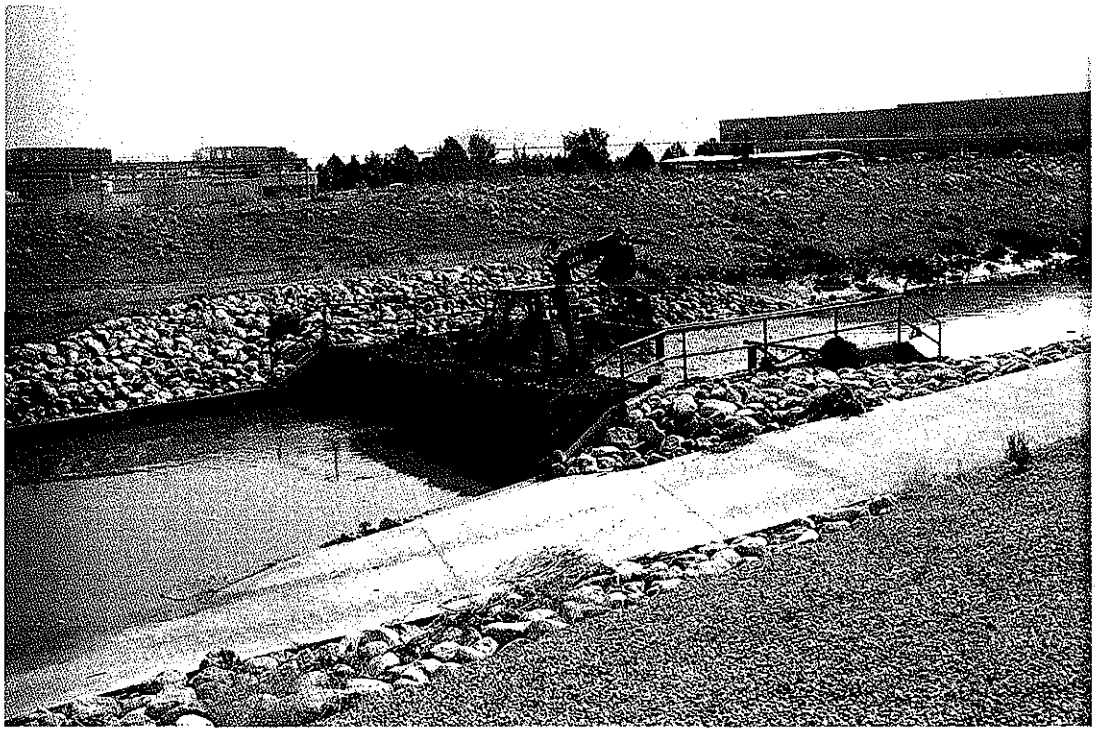


Figure 5. Maintenance Activities carried out at Bear Canyon
(Conducted by AMAFCA)

Figure 6. Improvements to the Black Arroyo Dam (backsloped culverts) to reduce the volume of floatables
(Conducted by AMAFCA)

INVENTORY OF WATER QUALITY FEATURES
(City Maintenance)

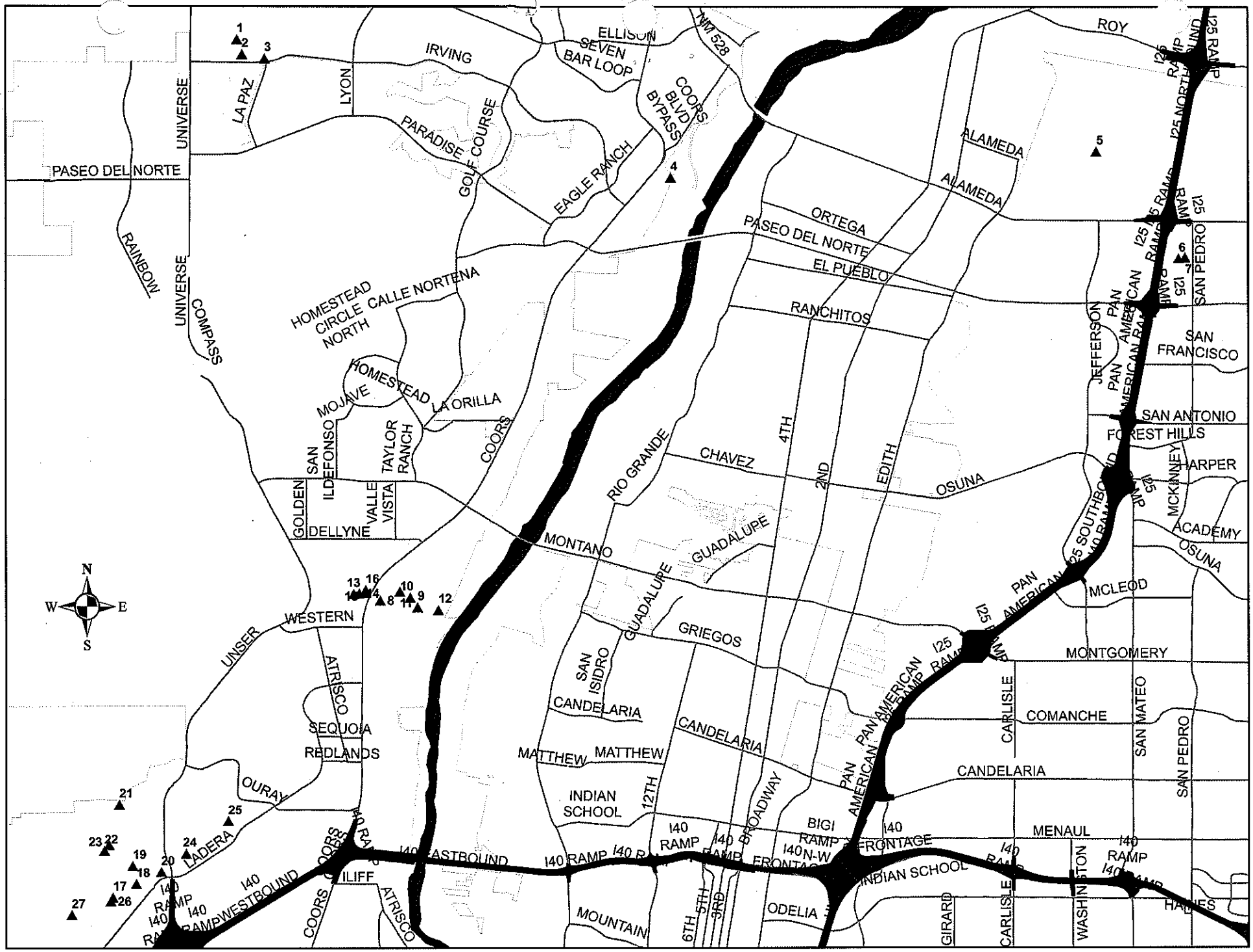
Unit No.	ZAP	Subdivision/Project Name	Type of Feature	Location	Outfall to
1	A-10	Seville Unit 4	Offline MH	Burgos west of Kayenta	Calabacillas
2	A-10	Seville Unit 8 (Seville Estates)	Offline MH	Sierra Nevada west of Kayenta	Calabacillas
3	A-10	Seville Unit 9	Inlet	Pyrenees north of Irving	Calabacillas
4	B-13	CAS Addition	Inlet	Westside east of Coors	Calabacillas
5	B-17	Balloon Fiesta Park	Inlet	San Diego	North La Cueva
6	C-18	N. Domingo Baca/Corona Storm Drain	Inlet	Ute south of Corona	Domingo Baca
7	C-18	N. Domingo Baca/Corona Storm Drain	Inlet	Corona west of San Pedro	Domingo Baca
8	F-11	Andalucia	Offline MH	Edward at Monte Frio east of Coors	San Antonio
9	F-11	Andalucia Unit 1	Offline MH	East of Sevilla Stub	San Antonio
10	F-11	Andalucia Unit 1	Offline MH	SE corner Tres Gracias/San Antonio Arroyo	San Antonio
11	F-11	Andalucia Unit 1	Offline MH	East of Cordelia R/W by arroyo	San Antonio
12	F-12	Valle Paraiso @ Andalucia	Inlet	End of Valle Bonita	San Antonio
13	F-11	Western Trails	Inlet	End of Hayden	San Antonio
14	F-11	Western Trails	Inlet	End of McNary	San Antonio
15	F-11	Western Trails	Offline MH	North of Stafford	San Antonio
16	F-11	Vista de la Luz	Offline MH	South end of Costa Maresme	San Antonio
17	H-9	Tierra Oeste, Unit 3	Offline MH	Casa Verde north of Ladera	Ladera Dam 11
18	H-9	Tierra Oeste, Unit 3	Offline MH	End of Casa Vistosa	Ladera Dam 12
19	H-9	The Crossing, Unit 3	Inlet	End of Eagle River	Mirehaven Channel
20	H-9	Cielo Oeste	Offline MH	South of Calle Entrada/Cielo Oeste	Mirehaven Diversion
21	H-9	Watershed	Offline MH	End of Mesa Rain	Ladera Channel
22	H-9	Stormcloud, Unit 4 *	Offline MH	North of Summer Breeze/Monsoon	Mirehaven Channel
23	H-9	Stormcloud, Unit 5 *	Offline MH	South of Torrent/Camino del Venado	Mirehaven Channel
24	H-9	Ladera Business Park	Stormceptor MH	South of La Morada east of Unser	Ladera Dam 13
25	H-10	Ladera Business Park	Stormceptor MH	End of La Morada in cul-de-sac	Mirehaven Diversion
26	H-9	Stormcloud	Offline MH	East of Casa Verde	Ladera Dam 11
27	J-9	Stormcloud	Offline MH	East of Stormcloud/Summer Breeze	Ladera Dam 9

* Not constructed yet.

INVENTORY OF WATER QUALITY FEATURES
(AMAFCA Maintenance)

Unit No.	ZAP	Location	Type of Feature	Facility Location	Outfall to
1	A-12	Black Arroyo Dam	Inverted Pipe Weir / WQ Pond	Dam Pool	Black Arroyo
2	B-10	Ventana Ranch Dam	Ported Riser Box	Principal Spillway	Piedras Marcadas Channel
3	B-17	Balloon Fiesta Park	Water Quality Pond*	La Cueva Arroyo offline	North Diversion Channel
4	B-18	North Camino Arroyo	Water Quality Manholes on Inflow Pipes	Offline	North Diversion Channel
5	C-12	Piedras Marcadas Dam	Ported Riser Box	Principal Spillway	Piedras Marcadas Channel
6	C-12	Fountain Hills Plaza	Water Quality Pond	Outfall to Storm Drain System	Eagle Ranch Storm Drain
7	C-17	West of Coronado Village MHP	Water Quality Pond	North Domingo Baca / Corona Storm Drain offline	Domingo Baca Channel
8	C-19	Lower Domingo Baca / Kinney Dam	Ported Riser Box	Principal Spillway	North Domingo Baca Arroyo
9	C-19	La Cueva Channel	Vortechnics WQ Box	Offline	North Diversion Channel
10	C-21	North Domingo Baca Dam	Ported Riser Box	Principal Spillway	North Domingo Baca Storm Drain
11	D-13	Corrales Main Canal / La Orilla Outlet	Baffle Screen	Inline	Riverside Drain
12	D-17	North Pino Arroyo	Coanda Screen / Baffled Weir / WQ Pond	Offline	North Diversion Channel
13	D-17	Pino Arroyo	Water Quality Pond	Offline	North Diversion Channel
14	D-22	South Domingo Baca Dam	Ported Riser Box	Dam Pool	South Domingo Baca Arroyo
15	D-22	North Pino Diversion Channel	Sediment Basin	Inline	North Pino Arroyo
16	E-16	Bear Canyon Arroyo	Debris Collection Boxes / WQ Pond	Inline	North Diversion Channel
17	E-22	Pino Dam	Ported Riser Box	Dam Pool	Pino Arroyo
18	F-12	San Antonio Arroyo	Inverted Pipe Weir / WQ Pond	Offline	Rio Grande
19	J-8 - G-10	Ladera Dam System	Sediment Basins	Dam Pools	San Antonio Arroyo
20	H-10	Laurelwood Park	Ported Riser Box	Detention Basin	Storm Drain
21	H-10	West I-40 Channel / West Bluff Pond	Baffled Weir / WQ Pond / Ported Riser Box	Offline	West Bluff Outfall
22	K-7	West I-40 Channel / East Amole Surge Pond	Water Quality Pond	Offline	West I-40 Channel
23	K-8	West I-40 Channel	Water Quality Manhole		West I-40 Channel
24	M-7	Westgate Dam	Ported Riser Box	Dam Pool	Amole Arroyo
25	N-9	Amole Channel	Water Quality Ponds	Offline	Amole Dam
26	N-10	Amole Dam	Ported Riser Box	Dam Pool	Hubbell Channel
27	P-10	Hubbell Lake (Dam)	Ported Riser Box	Dam Pool	Isleta Drain
28	Q-13	South Diversion Channel	Water Quality Pond*	Offline	Rio Grande
29	R-10	Don Felipe Dam	Ported Riser Box	Dam Pool	Gun Club Lateral
30	S-10	Raymac Dam	Ported Riser Box	Dam Pool	Isleta Drain
31	T-10	McCoy Dam	Ported Riser Box	Dam Pool	Isleta Drain

* Scheduled construction in 2010.



LOCATION OF COA WATER QUALITY FEATURES

0 1 2 Miles