Figure 2
Proposed Project Components

CWC CAP
Water Delivery System
Figure 3
Proposed Jack & Bore Locations & Sites for Staging/Storing Materials

CWC/CAP
Water Delivery System

ERQ Resources Corp.
1842 Clarkson St.
Denver, CO 80218
www.eroresources.com
Figure 4
Proposed Alternative Recharge Locations

CWC CAP
Water Delivery System

North Parcel Recharge Site

15.7 ac

Storage Area
3.1 ac

South Parcel (Preferred) Recharge Site

17.9 ac

3.1 ac

Proposed 36" Pipe

Proposed 20" Pipe

To Well #11

February 2010

4250 - figure 4 Proposed Recharge Facilities.mxd

ERO Resources Corp.
1842 Clarkson St
Denver, CO  80218
www.eroresources.com
Figure 5
FICO-ANC Preliminary CAP
Water Delivery System

EXISTING 54" CAP
TIE INTO EXISTING CAP MAIN
CAP TURNOUT
EXISTING PIMA MINE ROAD RECHARGE

PROPOSED FICO TURNOUTS TO FICO GSF PHASE 1
PROPOSED FICO CAP PIPELINE (36") PHASE 1

SAHUARITA WATER COMPANY
HELMET PEAK ROAD
PIMA MINE ROAD
SAHUARITA ROAD
FARMER'S WATER COMPANY
PROPOSED FICO TURNOUTS TO FICO GSF PHASE 1
PROPOSED FICO CAP PIPELINE (36") PHASE 1

LAS QUINTAS WATER COMPANY
COMMUNITY WATER COMPANY
DUVAL MINE ROAD
CONTINENTAL ROAD
PREFERRED CWC RECHARGE SITE

PROPOSED FICO TURNOUTS TO FICO GSF PHASE 2
PROPOSED FUTURE FICO CAP PIPELINE PHASE 2
QUAIL CREEK WATER COMPANY

GREEN VALLEY WATER COMPANY
CANA RECHARGE BASIN
UGUA RECHARGE BASIN

EXISTING PIMA MINE ROAD RECHARGE

This figure was developed from a map provided by FICO dated October 15, 2008 (FICO 2008a).
Figure 6
Regional Subsidence

Preferred Recharge Site

02/23/2007 to 03/14/2008
Subsidence

- 0 to -0.2 in
- -0.2 to -0.4 in
- -0.4 to -0.8 in
- -0.8 to -1.4 in
Figure 7
Regional Ground Water Level Increase, Preferred Alternative (Case 2) vs. No Action (Case 1), No Rosemont Pumping

Contour of Projected Groundwater Level Change, in Feet, Due to CWC Recharge
- Model No-Flow Grid Cell (Layer 3)
- Existing Recharge Project Boundary

Preferred Recharge Site
Figure 8
Recharge Water Migration, Preferred Alternative

CWC CAP
Water Delivery System
Figure 9
Regional Ground Water Level Increase, Preferred Alternative (Case 5) vs. No Action (Case 4), with Rosemont Pumping

Simulated Location for Rosemont Supply Well
Contour of Projected Groundwater Level Change, in Feet, Due to CWC Recharge
Model No-Flow Grid Cell (Layer 3)
Existing Recharge Project Boundary
Rosemont Property

Preferred Recharge Site
Figure 10
Recharge Water Migration, Preferred Alternative with Rosemont Pumping

Simulated Location for Rosemont Supply Well
Well Location Within Projected Extent of Recharged Water Migration
Contour of Projected Groundwater Level Change of 1 Foot, Due to CWC Recharge
Projected Extent of Recharged Water Migration (determined using the particle path modeling)
Model No-Flow Grid Cell (Layer 3)
Existing Recharge Project Boundary
Rosemont Property

Preferred Recharge Site

Water Delivery System
CWC CAP

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