

ORIGINAL



0000100254

BEFORE THE ARIZONA CORPORATION COMMISSION

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27

COMMISSIONERS

KRISTIN K. MAYES, Chairman
GARY PIERCE
PAUL NEWMAN
SANDRA D. KENNEDY
BOB STUMP

709 JUL -2 P 3:48
ARIZONA CORPORATION COMMISSION
DOCKET CONTROL

Arizona Corporation Commission
DOCKETED

JUL -2 2009

DOCKETED BY

IN THE MATTER OF THE APPLICATION OF
VALENCIA WATER COMPANY - TOWN
DIVISION AND VALENCIA WATER
COMPANY - GREATER BUCKEYE DIVISION,
FOR FINANCING APPROVAL IN
CONNECTION WITH THE AMERICAN
RECOVERY AND REINVESTMENT ACT OF
2009.

DOCKET NO.: W-01212A-09-0189

**Technical Comments
to the Staff Report**

Valencia Water Company ("Valencia") files these technical comments to the Staff Report dated June 26, 2009 in this docket. Valencia is grateful for Staff's quick action in this matter. Valencia does not object to any of Staff's recommendations or proposed conditions. However, Valencia does note that a technical correction to the Staff Report is necessary. The correction is that the interest rate is approximately 4.2%, not 6.0%. Additional documentation from WIFA is attached as follows:

- Exhibit 1 WIFA Summary Chart
- Exhibit 2 WIFA Board Resolution
- Exhibit 3 WIFA Staff Analysis

The interest rate is shown on Attachment B to Exhibit 3.

This correction should have no impact on the financial soundness of the loan. As shown on Staff Schedule JCM-1, Valencia's current DSC and equity ratio are very strong. Staff Schedule JCM-1, Column B assumes a 6.0% interest rate, and shows a pro-forma DSC as 3.18 (line 13), and a pro-forma equity ratio of 80.8% (line 24). Because the loan will actually have a lower interest rate (4.2%) than shown in that scenario, the loan is clearly consistent with sound financial

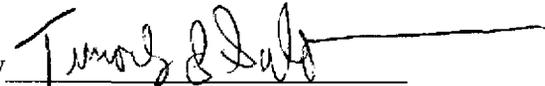
ROSHKA DEWULF & PATTEN, PLC.
400 VAN BUREN STREET - SUITE 800
PHOENIX, ARIZONA 85004
TELEPHONE NO 602-256-6100
FACSIMILE 602-256-6800

1 practices. In addition, Attachment B to the WIFA Staff Analysis shows the loan is financially
2 sound.

3 In summary, using the corrected data, the loan remains financially sound. Accordingly,
4 Valencia requests that the Commission issue an order approving the proposed loan using the
5 corrected data.

6 RESPECTFULLY SUBMITTED this 2nd day of July 2009

7 ROSHKA, DEWULF & PATTEN

8
9 By 

10 Michael W. Patten
11 Timothy J. Sabo
12 One Arizona Center
13 400 East Van Buren Street, Suite 800
14 Phoenix, AZ 85004

15 Original and 13 copies of the foregoing
16 filed this 2nd day of July 2009 with:

17 Docket Control
18 ARIZONA CORPORATION COMMISSION
19 1200 West Washington Street
20 Phoenix, AZ 85007

21 Copy of the foregoing hand-delivered/mailed
22 this 2nd day of July 2009 to:

23 Lyn Farmer, Esq.
24 Chief Administrative Law Judge
25 Hearing Division
26 ARIZONA CORPORATION COMMISSION
27 1200 West Washington Street
Phoenix, AZ 85007

Janice Alward, Esq.
Chief Counsel, Legal Division
ARIZONA CORPORATION COMMISSION
1200 West Washington Street
Phoenix, AZ 85007

ROSHKA DEWULF & PATTEN, PLC.
400 VAN BUREN STREET - SUITE 800
PHOENIX, ARIZONA 85004
TELEPHONE NO 602-256-6100
FACSIMILE 602-256-6800

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27

Ernest G. Johnson, Esq.
Director, Utilities Division
ARIZONA CORPORATION COMMISSION
1200 West Washington Street
Phoenix, AZ 85007

By Mary Appolito

EXHIBIT

"1"

**Water Infrastructure Finance Authority
American Reinvestment and Recovery Act of 2009 (ARRA)**

Drinking Water Project Loans Subsidized Under ARRA
Prepared Date: 6/26/2009

Note: The projects in the list below will be required to submit a Project Finance Application and will be subject to a full loan analysis which includes verification of legal, managerial, financial and technical capacity. A loan will not be approved if the applicant is unable to meet all loan and ARRA requirements and is unable to meet the construction commencement date provided in the application. As a result of this analysis information and projects on this list may change.

1. Project Priority List - Projects within the ARRA capitalization grant amount: \$55,340,000.00 | * Anticipated twenty (20) year loan term.

Community Name	County	Project Description	Construction		Type of Financial Assistance	ARRA Funded	WIFA Funded	Adjusted Loan Amount	Combined Interest and Fee Rate (Standard or Reduced)	Green Project	Comments
			Commencement	Completion							
1. SoHi Domestic Water Improvement District	Mohave	Supplemental Water source Interconnect Construction	6/15/2009	6 Months	Loan/Principal Forgiveness	\$560,000.00	\$240,000.00	\$240,000.00	Standard	No	Binding Commitment
2. Holiday Hills DWD	Yavapai	Holiday Hills Improvement Project	6/15/2009	12 Months	Loan/Principal Forgiveness	\$140,000.00	\$60,000.00	\$60,000.00	Standard	No	Binding Commitment
3. Maricopa Domestic Water Improvement District	Pinal	Well No.5 Arsenic Treatment System	6/17/2009	12 Months	Loan/Principal Forgiveness	\$649,901.00	\$278,529.00	\$278,529.00	Standard	No	Construction Started
4. Mt. Tipton Water Co. Inc.	Mohave	Well , Pump and Spring Project	1/28/2009	12 Months	Loan/Principal Forgiveness	\$126,000.00	\$14,000.00	\$14,000.00	Standard	Yes	Construction Started
5. Highland Pines Domestic Water Improvement District	Yavapai	Water Main Replacement Project	6/15/2009	6 Months	Loan/Principal Forgiveness	\$520,000.00	\$130,000.00	\$130,000.00	Standard	No	Construction Started
6. Pineview Water Company	Navajo	Gravity Flow System Project	6/17/2009	6 Months	Loan/Principal Forgiveness	\$113,590.54	\$28,398.18	\$28,398.18	Standard	No	Construction Started
7. Groom Creek Water Users Association	Yavapai	GCWUA Water System Improvements	5/30/2009	24 Months	Loan/Principal Forgiveness	\$800,000.00	\$800,000.00	\$800,000.00	Standard	No	Binding Commitment
8. Arizona American Water	Santa Cruz	Tubac Arsenic Removal	6/15/2009	12 Months	Loan/Principal Forgiveness	\$1,150,000.00	\$1,150,000.00	\$1,150,000.00	Standard	No	Construction Started
9. Taylor, Town of	Navajo	Security Fencing of Sweetwater & Hole In The Hill Well	7/23/2009	12 Months	Loan/Principal Forgiveness	\$44,000.00	\$66,000.00	\$66,000.00	Standard	No	Binding Commitment
10. Rim Trail Domestic Water Improvement District	Gila	Rim Trail Surface Water Filtration Plant Replacement and Water Plan	4/17/2009	12 Months	Loan/Principal Forgiveness	\$116,000.00	\$29,000.00	\$29,000.00	Standard	Yes	Construction Started
11. El Mirage, City of	Maricopa	Cottonwood Water Line Replacement	7/13/2009	12 Months	Loan/Principal Forgiveness	\$210,000.00	\$140,000.00	\$140,000.00	Standard	No	Binding Commitment
12. Willow Valley	Mohave	Meter Replacement Program	5/1/2009	6 Months	Loan/Principal	\$174,000.00	\$261,000.00	\$261,000.00	Standard	Yes	Construction

EXHIBIT

"2"

ARRA Loan Resolution 2009-035 - Valencia Water Company
Water Infrastructure Finance Authority of Arizona

Section 1: Resolution

WHEREAS, the Water Infrastructure Finance Authority of Arizona (the "*Authority*") has received from Valencia Water Company (the "*Local Borrower*") a request for a loan (the "*Loan*"); and

WHEREAS, the Authority has determined that the Local Borrower has met the requirements of Arizona Revised Statutes §49-1201 et seq. (the "*Act*") and the rules promulgated thereunder (the "*Rules*"); and

WHEREAS, the terms and conditions under which a Loan will be made and the obligations of the Local Borrower will be set forth in a loan agreement or bond purchase agreement (the "*Loan Agreement*") to be executed by the Local Borrower and the Authority.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE AUTHORITY AS FOLLOWS:

The Executive Director of the Authority is hereby authorized and directed to execute a Loan Agreement with the Local Borrower to evidence a Loan in accordance with the Act, the Rules, the Local Borrower's applications to the Authority, and the Project Summary detailed in Section 2 of this Loan Resolution.

The Executive Director and other Authority officials, as appropriate, are authorized and directed to sign any document and take such actions as necessary and appropriate to consummate the transactions contemplated by this Resolution and the Loan Agreement and to ensure that the Local Borrower has completed all requirements of the Authority as detailed in Section 3, Section 4, and Section 5 of this Loan Resolution.

This Resolution shall take effect immediately and shall terminate one year from the date of Board Action.

Dated: May 27, 2009

By: 
Chairman

Attest: 
Executive Director

ARRA Loan Resolution 2009-035 – Valencia Water Company

Water Infrastructure Finance Authority of Arizona

Section 2: Project Summary

DW 165-2009

<u>ARRA PL Rank</u>	<u>Master PL Rank</u>	<u>Funding Cycle</u>	<u>Population Served</u>	<u>Type of ARRA Assistance</u>	<u>Subsidy Rate</u>
19 & 26	118 & 145	DW2009	16,500	Forgivable Principal \$1,025,000	80%

DW 160 – 2009 – SCADA System

Implementing a SCADA platform will optimize utility operations by finding and managing efficiencies, increasing the level of customer service and eliminating unnecessary expenses. Instant access to information provides the ability to make timely decisions and drive recurring costs (power, consumables) out of utility operations. Automated compliance and reporting will streamline procedures, ensure compliance and reduce costs. In addition this project is necessary to become compliant under the Groundwater Treatment Rule being issued later this year.

DW 165 – 2009 – Evergreen No. 2 Well Equipment

In order to reduce arsenic treatment costs, VWC will connect the existing Evergreen No. 2 well to the centralized Sonoran Vista arsenic treatment facility, which is more efficient. The project will reduce reliance on media based treatment that requires significant cost, energy, transportation to utilize and allow for use of the more efficient coagulation/filtration system at the Sonoran Vista facility.

VWC will equip the existing Evergreen No. 2 well with a well pump and associated equipment in order to connect the well to the Sonoran Vista facility and shut down a less efficient well and treatment system. The Evergreen No. 2 well already has a raw water main installed to the Sonoran Vista Site. Additionally, the Sonoran Vista Coagulation/Filtration arsenic treatment facility recaptures nearly all the water fed to the process

September 26, 2005 - Board approved Loan Resolution #2005-023 to award \$2,831,026 (Loan #920102-06) for an arsenic treatment system.

**ARRA Loan Resolution 2009-035 – Valencia Water
Company
Water Infrastructure Finance Authority of Arizona**

February 16, 1999 - Board approved Loan Resolution #99-007 to award \$67,000 (Loan #920024-99) for well upgrades.

No Project Finance Committee Meeting in May 2009

Section 3: Financial Assistance Terms & Conditions (Section 7.1 of Due Diligence)

Financial Assistance Amount: \$2,562,500 with \$1,025,000 as forgivable principal

Primary Repayment Source: System Revenues

Secondary Repayment Source: None

Loan Term: 20 years

Frequency of Repayment: Monthly

Loan Structure: Non-Governmental with Recovery Act Addendum and Forgivable Principal

Debt Service Reserve Fund Requirements: WIFA Held

Repair and Replacement Fund Requirements: Local - Separate Account

Requirements Prior to Loan Execution:

Require Legal Opinion: Yes

Other: Loan closing is dependent upon Valencia Water Company receiving Debt Authorization from the Arizona Corporation Commission (ACC) for the project. The loan amount will not exceed the amount authorized by ACC.

Requirements Prior to Construction: No Requirement

Requirement During Construction: No Requirement

Requirements Prior to Final Disbursements: No Requirement

***ARRA Loan Resolution 2009-035 – Valencia Water
Company
Water Infrastructure Finance Authority of Arizona***

Loan Category: Not Qualified

Policy Exceptions: None

Section 4: Technical Terms & Conditions (Section 7.2 of Due Diligence)

Observation Schedule: A

Withholding Percentage: 5%

Requirements Prior to Loan Execution: Yes:

VWC must provide WIFA the construction contract for both projects which includes the Fair Wage and Buy American provisions required by the American Recovery and Reinvestment Act.

Requirements Prior to Construction:

Prior Review and Approval of Construction Bids: Yes

Require Construction Signs: Yes

The Local Borrower shall erect a construction sign displaying information on the Project and the funding sources. The Authority shall provide specifications for such construction signs.

Other: Notify WIFA when construction commences.

Requirements During Construction:

Prior Review of Changes in Project Scope: Yes

The Local Borrower shall submit to the Authority, for review and approval prior to execution, any change to the plans and specifications, construction contracts, Eligible Project Costs, or any other change which will effect the performance standards or purpose of the Project.

Other: No Requirement

Requirements Prior to Final Disbursements:

Require Plan of Operation: No Requirement

***ARRA Loan Resolution 2009-035 – Valencia Water
Company***

Water Infrastructure Finance Authority of Arizona

Require Final Approval: Yes

Other: No Requirement

Policy Exceptions: None

Section 5: Additional Notice & Reporting Requirements (Section 7.3 of Due Diligence)

WIFA to generate Press Release: Yes

Other: Yes - ARRA Reporting Requirements

EXHIBIT

"3"

American Recovery and Reinvestment Act

Valencia Water Company DW 160 & 165-2009

Board Action: May 27, 2009

Project Status Committee Member Certifications:

I have reviewed the application and financial documentation submitted by the applicant and have determined that the request for financial assistance satisfies the requirements for Board consideration.

Signature: *Kimberly Maush* Title: Sr. Loan Officer

Date: 5/19/09

I have reviewed the application and technical documentation submitted by the applicant and have determined that the request for financial assistance satisfies the requirements for Board consideration.

Signature: *J. B. St* Title: Environmental Program Supervisor

Date: 5/19/09

Executive Director Certification:

I have reviewed the staff analysis of the application and related documentation and have determined that the request for financial assistance satisfies the requirements for Board consideration

Signature: *Judy Navarrete* Date: 5/19/09

Founded in 1888, this western most community of the Valley of the Sun is home to over 20,000 people. For the past 20 years, growth in the greater Phoenix area has been robust in three of our four quadrants of the region. With those areas rapidly nearing build out, the last frontier rests in the southwest valley and the Town of Buckeye. Town planners project that it will take at least 30 years for the nearly 600-mile planning area that stretches from almost Wickenburg to Gila Bend, the Hassayampa River to Perryville Road, to be built out.

Smart Growth Score Card

Per WIFA policy # 1.004.A, a Smart Growth Score Card is to be submitted for the county, city or community where the project is located. Town of Buckeye completed a Smart Growth Score Card and received a score of 65% for a medium size community.

The Valencia Water Company ("VWC") Town Division has a service area of approximately 303,070 acres. The system is made up of 11 active groundwater wells with a capacity of 3,715 gpm and 5,526,242 gallons of storage capacity, 40 booster pumps and 10 pressure tanks. The average daily demand is 1.3 MGD and the average day demand design capacity is 1.7 MGD.

The majority of the system production occurs at the centralized Sonoran Vista site. Currently, the Sonoran Vista site blends and treats raw water to remove arsenic from 4 wells. The remaining raw water produced to meet water demand comes from other remote groundwater wells.

Two pressure zones exist within the system. All of the water production and well sites are in the lower pressure zone. Water produced in the lower pressure zone is then pumped to the upper zone to provide service.

Type & Number of Connections

Type of User	Current	2007	2006	2005	2004
Residential	5,273	4,680	3,822	3,226	1,812
Commercial	48	38	31	29	26
Irrigation	124	89	62	56	34
Construction	9	20	21	19	18
Total	5,454	4,827	3,936	3,330	1,890

The current number of people served is approximately 16,362 and it is projected that approximately 83,832 people will be served by the year 2019.

responding to alarms at remote sites. Furthermore, optimizing operation is difficult without the ability to monitor dosages, pressures, tank levels, etc.

DW 165 – 2009 – Evergreen No. 2 Well Equipment

All wells within the Valencia Town system require arsenic treatment systems that involve significant cost to operate and maintain and the current use of well-head adsorption treatment systems has resulted in significant operational inefficiencies. The arsenic concentration prior to treatment ranges from approximately 8 to 34 $\mu\text{g/L}$ at varying well sites throughout the existing system. Currently, the average blended arsenic concentration utilizing the existing wells is approximately 7 $\mu\text{g/L}$ after treatment.

2.4 Solution (See Attachment 1 for Well Site Photo)

DW 160 – 2009 – SCADA System

Implementing a SCADA platform will optimize utility operations by finding and managing efficiencies; increasing the level of customer service and eliminating unnecessary expenses. Instant access to information provides the ability to make timely decisions and drive recurring costs (power, consumables) out of utility operations. Automated compliance and reporting will streamline procedures, ensure compliance and reduce costs. In addition this project is necessary to become compliant under the Groundwater Treatment Rule being issued later this year.

DW 165 – 2009 – Evergreen No. 2 Well Equipment

In order to reduce arsenic treatment costs, VWC will connect the existing Evergreen No. 2 well to the centralized Sonoran Vista arsenic treatment facility, which is more efficient. The project will reduce reliance on media based treatment that requires significant cost, energy, transportation to utilize and allow for use of the more efficient coagulation/filtration system at the Sonoran Vista facility.

VWC will equip the existing Evergreen No. 2 well with a well pump and associated equipment in order to connect the well to the Sonoran Vista facility and shut down a less efficient well and treatment system. The Evergreen No. 2 well already has a raw water main installed to the Sonoran Vista Site. Additionally, the Sonoran Vista Coagulation/Filtration arsenic treatment facility recaptures nearly all the water fed to the process.

2.5 Green Project Reserve

DW 160-2009 IS A BUSINESS CASE GREEN PROJECT

Energy or Water Efficiency Issues at Existing Facility Include: VWC has identified that current operations are energy intensive and experiencing inefficiencies in pump operations, maintenance of adequate pressures and power consumption. Operations costs are high due to a significant amount of double pumping and sub-optimized water production. Significant manpower is utilized performing site visits to log conditions as well as responding to alarms at remote sites. Furthermore, optimizing operation is difficult without the ability to monitor dosages, pressures, tank levels, etc.

Green Project Elements Include: SCADA will achieve economies and efficiencies, increase service levels, and ensure compliance with drinking water standards. Implementing a SCADA platform will reduce power consumption by reducing double pumping within in the system by over 80%, resulting in a 25% reduction in overall electrical costs. Overall, the project will assist with the preventative care of the utility by reducing power consumption (including operator travel and fuel), augmenting more efficient pumping capacities, shaving peak loading and generating improved water conservation efforts.

Green Category	Estimated Energy Cost Savings	Estimated Water Cost Savings	% of Total Green	\$\$ Green Project Costs
Efficiency	25%		95%	\$1,762,500

DW 165-2009 IS NOT A CATEGORICALLY QUALIFIED GREEN PROJECT

2.6 Funding Sources & Uses (See Attachment E for Cost Estimates)

Uses by Budget Item	DW 165-2009 Well No. 2	DW 160-2009 SCADA	Other:	Total By Use
Planning	20,000.00	75,000.00		95,000.00
Design & Engineering	50,000.00	545,000.00		595,000.00
Legal/Debt Authorization	0.00	0.00		
Financial Advisor	0.00	0.00		
Land/System Acquisition	0.00	0.00		
Equipment/Materials	277,500.00	500,000.00		777,500.00
Construction/Installation/Improvement	300,000.00	642,500.00		942,500.00
Inspection & Construction Management	32,500.00	40,000.00		72,500.00
Project Officer	15,000.00	40,000.00		55,000.00
Administration	5,000.00	20,000.00		25,000.00
Staff Training	0.00	0.00		
Capitalized Interest	0.00	0.00		
Other	0.00	0.00		
Total by Source	700,000.00	1,862,500.00		
ARRA Forgivable Principal	(\$280,000)	(\$745,000)		
Total for Project				2,562,500.00

Engineering Costs Reasonable? Yes No

Construction Costs Reasonable? Yes No

Estimate of the number of jobs created and jobs retained in the United States and outlying areas: 17.5 [The number is expressed as "full-time equivalent" (FTE)]

Types of jobs created and jobs retained in the United States and outlying areas:

DW 160-2009

Contractor estimates were utilized and includes contractor labor, subcontractor labor, Global Water personnel and administration. These estimates stated 12 jobs per site with each site taking 1.5 months. There are 10 sites included in this project, therefore it is estimated 12 jobs will be created for a period of 15 months.

DW 165-2009

Based on contractor estimates and previously completed similar projects it is estimated that this project will require 5 jobs for 6 months.

Section 3: Legal Capability

Congressional District (s) 2
Legislative District (s) 4

Type of Applicant: Association/Cooperative Corporation
 Limited Liability Corporation Political Subdivision
 Sole Proprietor Other

Significant Findings in Legal Structure Review? No Yes

Debt Authorized Yes No, Scheduled: Pending with ACC N/A

Authorized Amount: \$ To be determined

On April 20, 2009, VWC filed a financing application with the Arizona Corporation Commission requesting approval to incur long-term indebtedness from WIFA in the amount of \$2,562,500 for DW 160 & 165-2009.

Significant Findings in Debt Authorization Review? No Yes

Section 4: Managerial Capability

4.1 Regulatory History

Compliance History: Significant Compliance Significant *Non*-Compliance

Recent Inspection: Significant Compliance Significant *Non*-Compliance

4.2 Management Review: Elected or Appointed Officials

Are terms of officials staggered? Yes No

Are officials experienced in managing similar organizations? Yes No

Mr. Trevor T. Hill is co-founder and serves as President and Chief Executive Officer and a member of the Board of Directors of Global Water Resources. Mr. Hill also co-founded several other companies.

Are officials experienced in managing similar projects? Yes No

Is there a history of (or pending) recalls or removals of officials? No Yes

4.3 Management Review: Management Structure

By-laws, rate ordinances, and connection ordinances in place? Yes No

Valencia Water Company is regulated by the Arizona Corporation Commission.

Individual responsible for day-to-day management of the system:

System Manager Elected Official Other:

Day-to-day manager experienced in managing similar organizations? Yes No

Day-to-day manager experienced in managing similar projects? Yes No

4.4 Potential Management Impacts

Significant management impacts as the result of the proposed project? No Yes

Pending Litigation or Claims? No Yes

4.5. Conclusions

Management History: Stable Unstable

Management Structure: Satisfactory Unsatisfactory

Significant Findings in Managerial Review? No Yes

Section 5: Technical Capability

5.1. Technical Capability

Recent Inspection: Significant Compliance Significant *Non*-Compliance

Proposed project technology appropriate? Yes No

Operators certified at appropriate level? Yes No

Name	Title	Certification Grade	Total Years Experience	Time in Position
James Taylor	Operations Manager	Operator ID # 11500 Class 4 WD, Class 3 WT Class 2 WWT Class 2 WWC.	18 years	10 years

Operators qualified to operate project technology? Yes No

Significant operating impacts due to project technology? No Yes

Project Officer hired to oversee Project Development? Yes No

Significant findings in Technical Review? No Yes

5.2. Water Supply Adequacy (drinking water systems only)

Water Supply adequate for Term of Loan Agreement? Yes No

Obtained Certificate of Assured Water Supply from ADWR? Yes No

Significant impact due to water rights adjudication? No Yes

Significant findings in Water Supply Review? No Yes

5.3 Readiness to Proceed

DW 160 – 2009 – SCADA System

The VWC began the Full SCADA Implementation project in an effort to reduce drive time to their remote facilities, improve compliance, and create economies and efficiencies through data acquisition that will reduce power usage.

The engineering and planning completed on the project is extensive and has been in construction since June of 2008. Valencia recently placed the project on hold due to the economic climate but did proceed with the final design for the Valencia SCADA Implementation. As such, Valencia stands ready to issue contracts for the procurement of materials and construction installation for the full SCADA deployment in Valencia.

Engineering and Planning work that has already been completed includes:

- A complete due diligence of all equipment within the utility.
- Main Radio tower permitting and construction of temporary tower.
- The development of SCADA standards for programming PLC's and the SCADA system
- A radio study to confirm communications
- The standard SCADA design and control description for Valencia
- The development of detailed specifications (model numbers) of the equipment necessary to implement the project.

In addition to the engineering design, Valencia has constructed in conjunction with the Water Utility of Greater Tonopah a central SCADA station complete with the necessary servers and PLC's to receive the numerous remote sites. The final programming of this facility is dependent on this funding.

Event	Scheduled Completion Date
Planning, Design & Specifications Submitted	Complete
Approval to Construct	No Permit Required
Advertising for Bids	Projects Awarded
Construction Commencement	6/1/2009
Complete Construction	7/1/2009
Initiate Operation	8/1/2010

DW 165 – 2009 – Evergreen No. 2 Well Equipment

The Evergreen No. 2 Well represents the fourth well to be brought on line to feed the Sonoran Vista Arsenic Treatment Facility. The project was stopped when the economy slowed; however, a significant volume of equipment had already been shipped to the location, including the pump and column pipe. As such, all engineering work has been completed and equipment is in storage in the Valencia Water Companies warehouse. The only item necessary to restart the project is notice to the contractor removing the project from hold status.

Event	Scheduled Completion Date
Planning, Design & Specifications Submitted	Complete
Approval to Construct	Obtained
Advertisement for Bids	Project Awarded
Construction Commencement	9/1/2008
Complete Construction	6 months after restart
Approval of Construction	1 month after construction completed
Initiate Operation	1 month after construction completed

5.4 Environmental Assessment

DW-160-2009

- Not Applicable – For Planning or Design Financial assistance Only
- Categorical Exemption
- Environmental Assessment – Finding of No Significant Impact
- Environmental Assessment – Environmental Impact Statement

DW-165-2009

- Not Applicable – For Planning or Design Financial assistance Only
- Categorical Exemption
- Environmental Assessment – Finding of No Significant Impact
- Environmental Assessment – Environmental Impact Statement

5.5 Consultant Capacity

Significant Findings in Consultant Capacity Review? No Yes

Global Water Management will handle the DW165 – 2009 Evergreen Well Project and Conestoga- Rovers & Associates is the engineering firm selected for DW 160 – 2009 SCADA System

Section 6: Financial Capability *(see Attachments B, C, D, and E for detail)*

Credit Rating: N/A: Fitch: _____ Moody's: _____ S&P: _____

In addition to filing a finance application with the Arizona Corporation Commission (ACC), VWC filed a rate case to increase rates on February 20, 2009. The finance case and rate case are still pending with ACC.

Historical Performance & Trend Analysis (See Attachment C for Greater Detail):

WIFA staff evaluated Annual Reports filed with ACC for years 2004 through 2008. VWC's operating revenues increased over 200% since 2004 as a result of growth. The Growth trends have slowed to approximately 10% annually from over 20% annual growth from 2004 through 2007. Since 2004, VWC's operation expenses have increased 180% as a result of water treatment and power costs.

VWC current debt includes two WIFA loans, #920024-99 and #920102-06. The combined principal outstanding is \$2,339,540 with annual debt service payments of \$264,000.

Financial Statement Analysis & Benchmarks (See Attachment D for Greater Detail):

VWC's FY 2008 operating ratio is 100%, which WIFA considers to be in the average range (100% to 120%). This operating ratio measures a company's efficiency by comparing operating revenues and operating expenses. Additionally, VWC's current debt ratio (total liabilities / total assets) is 74%.

Projected Performance (See Attachment E for Greater Detail):

Global Water, the parent company for Valencia Water Company, outlined in the ACC rate case that numerous steps have been taken to reduce expenditures, including reduction in personnel and implementing energy and chemical efficiency measures, at all their facilities. Based on WIFA staff's projections of ~ 4% annual growth in revenue and 6% annual growth in expenses, VWC exceeds the required 1.2 time debt service coverage (DSC), with a projected DSC of 3.12 to 4.03 on the reduced Loan Repayment Amount of \$1,537,500. Additionally, VWC exceeds the required DSC on the \$2,562,500 total Financial Assistance amount, with a DSC of 2.6 to 3.35.

Section 7: WIFA Staff Recommendations

Financial Assistance Amount: \$2,562,500 with \$1,025,000 as forgivable principal

Primary Repayment Source: System Revenues

Secondary Repayment Source: None

Loan Term: 20 Years

Frequency of Repayment:

Semi-Annual Monthly Other:

Debt Service Reserve Fund Requirements:

WIFA Local - Separate Local - Not Separate Surety None

Repair and Replacement Fund Requirements:

Local - Separate Local - Not Separate None

Requirements Prior to Loan Execution:

Require Legal Opinion: Yes No

Other: Loan closing is dependent upon Valencia Water Company receiving Debt Authorization from the Arizona Corporation Commission (ACC) for the project. The loan amount will not exceed the amount authorized by ACC.

Requirements Prior to Construction: None

Requirement During Construction: None

Requirements Prior to Final Disbursements: None

Loan Category:

Qualified, Pledged Qualified, Not Pledged Not Qualified

Policy Exceptions: None

7.2 Technical Terms and Conditions

Observation Schedule:

Schedule A Schedule B Schedule C

Withholding Percentage:

15% 10% 5%

Requirements Prior to Loan Execution: VWC must provide WIFA the construction contract for both projects which includes the Fair Wage and Buy American provisions required by the American Recovery and Reinvestment Act.

Requirements Prior to Construction:

Prior Review and Approval of Construction Bids: Yes No

Require Construction Signs: Yes No

The construction sign is required to include the Recovery Act Logo

Other: Notify WIFA when construction begins

Requirement During Construction:

Prior Review of Changes in Project Scope: No Yes

Other: None

Requirements Prior to Final Disbursements:

Require Plan of Operation: No Yes

Require Final Approval: No Yes

Other: None

Policy Exceptions: None

7.3 Additional Notice and Reporting Requirements

WIFA to generate Press Release: Yes No

Other: Yes - ARRA Reporting Requirements

Buckeye

Community Profile

Prepared by the ARIZONA DEPARTMENT OF COMMERCE

Buckeye is located at the confluence of the Gila and Hassayampa Rivers. The town prides itself on its quality lifestyle and family-oriented environment. In its three generations, Buckeye citizens have withstood floods and drought and managed to transform the desert land into a green and productive valley. The town is located in the Maricopa County Westside Enterprise Zone, which offers income tax credits and other incentives (up to \$5,000 per employee) for companies locating or expanding into the zone. Buckeye is an Arizona Main Street Community, providing business assistance in organization, design, promotion and economic restructuring for the central business district.

A Main Street community

Basic Information

Founded: 1888
 Incorporated: 1929
 Elevation: 888
 Located in Maricopa County
 Nearby Highways: HWYS I-10, SR88
 Enterprise Zone available

Distance to Major Cities:
 Phoenix: 30 miles
 Tucson: 158 miles

Population

	1990	2000	2007
Buckeye	4,488	8,497	40,487
Maricopa County	2,122,101	3,072,149	3,907,492
Arizona	3,885,228	5,130,832	6,500,194

Sources: Arizona Department of Commerce and US Census Bureau
 Revised 1990 Census population figures (original: 5,038). Revised 2000 Census population figure (original: 8,537).

Principal Economic Activities

Buckeye has a balanced economy and employment base. Agriculture is a predominant and valued employer. The Buckeye area is among the largest producers of Pima cotton. Gins process the cotton for shipment worldwide. Buckeye also contributes to Maricopa County in leading the nation in cotton production per acre. A renewable supply of water from the Roosevelt and Buckeye Irrigation Canals contributes to the continued prosperity of agriculture in the Buckeye area.

County Employment	2007
Trade, Transportation, and Utilities	380,000
Professional and Business Services	320,700
Government	218,300
Educational and Health Services	200,700
Leisure and Hospitality	181,700
Mining and Construction	167,700
Financial Activities	152,100
Manufacturing	133,300
Other Services	88,600
Information	31,000

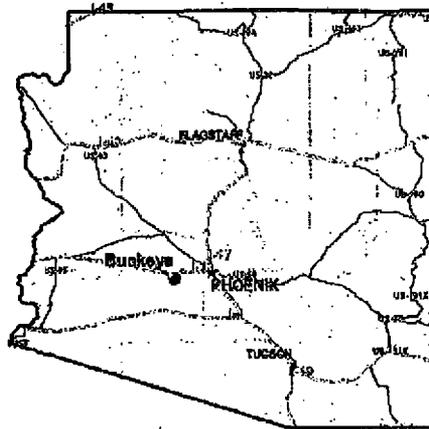
Sources: Arizona Department of Commerce
 Figures are organized under the North American Industrial Classification System (NAICS).

Private Employers

Quincy Jolt
 Schult
 Wal-Mart Distribution Center

Public Employers

Arizona Department of Corrections
 Arizona Public Service
 Buckeye Elementary School Dist.
 Buckeye Union High School
 Town of Buckeye



Labor Force Data

	1990	2000	2007
Civilian Labor Force	2,226	2,767	12,613
Unemployed	230	118	521
Unemployment Rate	10.3%	4.2%	4.1%

Source: Arizona Department of Commerce

Growth Indicators

	1990	2000	2007
New Bldg. Permits	6	0	3,016
Taxable Sales (\$)	23.5 million	72.3 million	1.1 billion
Net Assessed Value (\$)	20.6 million	33.2 million	369.2 million

Sources: Arizona State Univ., AZ Dept. of Revenue, AZ Tax Research Assoc.
 1990 New building data incomplete: One or more months not available; No report issued in 2000.

Scenic Attractions

Several regional parks that surround Buckeye offer golfing, hiking, climbing and other recreation. Buckeye Hills Regional Park provides facilities for day visitors and a shooting range. Robins Butte Wildlife Sanctuary, along with other portions of the Gila River, have opportunities for bird and wildlife viewing. The Sun Valley Parkway takes visitors into vast areas of Sonoran Desert, with scenic vistas and views of surrounding mountains. The Parkway extends the length of the scenic White Tank Mountains and connects with Wickenburg Highway at Sun City West. The Heliconia rodeo, street fair, car show and demolition derby are held in November. Other events include Pioneer Days and the Buckeye Bluegrass Festival in the spring, the senior pro rodeo in February, and a Halloween Carnival.

Buckeye

Community Profile

Community Facilities

The Town of Buckeye offers a broad range of community facilities including two libraries, one museum, an auditorium that seats 550, a community center, Hezapoppin' Rodeo Arena and several parks with baseball, basketball, soccer, handball, football fields and tennis courts. Buckeye Hills Regional Park is five miles to the west of Buckeye, while Pis White Tanks Regional Park is 16 miles northeast.

Educational Institutions	Public	Private
Elementary	Y	N
Middle School	Y	N
High School	Y	N
Community College	Y	N

Financial

Number of banks: 2

Government

Fire Department: Staffed City/Local Fire Department
Law Enforcement: City Police Department

Airports

Buckeye Municipal Airport, adjacent to I-10, has several companies located at the airport with more growth expected.

Medical

Southwest Family Medicine, AZ Internal Medicine Clinic

Hotel & Lodging

Number of Rooms:
Meeting Rooms:
Capacity of Largest Facility: 60

Industrial Properties:

Reasonably priced land is available with easy access to the Interstate. The town offers incentives to potential employers which add to the image of the Buckeye area. A listing is available from the Planning & Development Department, Town of Buckeye.

Utilities

Electricity	APS	602.371.7171
Natural Gas	Southwest Gas Corporation	602.881.1889
Telephones	U.S. West Communications (Phoenix)	602.480.1234

Cable Providers: Y	Cable Internet Service Provider: N
Digital Switching Station: N	Fiber Optics: N
Internet Service Provider: N	

Taxes

Property Tax Rate	1999	2000	2007
Elementary/High Schools	6.45	7.17	6.78
City/Fire District	2.77	1.58	1.14
Countywide	3.51	3.35	2.47
Totals	12.73	12.08	10.39

Source: Arizona Tax Research Association

Note: Tax rate per \$100 assessed valuation

NOTE: Buckeye Union High School participates in Western Maricopa Education Center (West-MEC).

Sales Tax

	2007
City/Town	2.00%
County	0.70%
State	6.80%

Source: League of Arizona Cities & Towns, Arizona Dept. of Revenue

Weather

	Avg. Low (F)	Avg. High (F)	Precip. (In.)
January	43.3	66.7	1.1
February	46.2	71.2	1.2
March	50.1	78.6	1.0
April	58.3	87.0	0.2
May	65.2	97.8	0.1
June	73.0	107.7	0.0
July	79.2	111.9	0.3
August	79.3	110.0	0.7
September	71.7	103.3	0.4
October	59.5	90.6	0.4
November	49.3	75.0	0.4
December	42.3	68.5	0.5
Yearly Avg.	69.6	88.7	6.2

Source: Western Regional Climate Center

Western Regional Climate Center, wrcc@drf.edu. Period of record 1989-2003.

Average Total Snowfall 0.0."

This profile was prepared by the Arizona Department of Commerce Communications Division in cooperation with local sources.

For further information contact:

Town of Buckeye
1101 East Ash Ave
Buckeye, AZ 85326
Phone: 623.348.6180, Fax: 623.344.6099
Email: jgary@buckeyeaz.org
Website: www.buckeyeaz.org

Buckeye Valley Chamber of Commerce
506 E. Monroe Avenue
Buckeye, AZ 85328
Phone: 623.388.2727, Fax: 623.388.7627
Email: info@buckeyevalleychamber.org
Website: www.buckeyevalleychamber.org



ARIZONA DEPARTMENT
OF COMMERCE

1700 W. Washington St., Suite 800, Phoenix, AZ 85007
Phone: 602.771.1100 - Fax: 602.771.1200
Web: www.azcommerce.com

Reproduction of this publication for commercial use is prohibited by
A.R.S. 39-121. Permission to reprint may be granted upon written
request of the Arizona Department of Commerce.
Prepared on 12/17/2008

Valencia Water Company
Fiscal Impact of WIFA & ARRA Financial Assistance

Terms and Conditions

Loan Amount.....	\$256,300.00
ARRA Funded Amount (Forgivable Principal).....	\$113,757.30
WIFA Funded Amount (Amount to be Repaid).....	\$142,542.70
Term.....	20
Combined Interest & Fee Rate	
Interest Rate Index.....	
Subsidy Rate Index.....	30.30%
Combined Interest & Fee Rate.....	4.20%
Coverage Requirement.....	20.00%
Debt Service Reserve Requirement.....	\$113,757.30
# of Years Debt Service Reserve Funded.....	5

Monthly Fixed Payment to WIFA

Prior to Debt Service Reserve Requirement

Monthly Fixed Payment to WIFA.....	9,479.78
Monthly Debt Service Reserve Deposit.....	1,895.96
Total Monthly Fixed Payment.....	\$11,375.73

After Debt Service Reserve Requirement

Monthly Fixed Payment to WIFA.....	9,479.78
Monthly Debt Service Reserve Deposit.....	0.00
Total Monthly Fixed Payment.....	\$9,479.78

Monthly Replacement Fund Deposit -- Held Locally

Prior to Debt Service Reserve Requirement.....	\$0.00
After Debt Service Reserve Requirement.....	\$1,895.96

Annual Fiscal Impact

Year	Annual Debt Service	Reserve Fund Deposit	Replacement Fund Deposit	Total Annual Fiscal Impact
1	113,757.30	22,751.46	0.00	136,508.76
2	113,757.30	22,751.46	0.00	136,508.76
3	113,757.30	22,751.46	0.00	136,508.76
4	113,757.30	22,751.46	0.00	136,508.76
5	113,757.30	22,751.46	0.00	136,508.76
6	113,757.30	0.00	22,751.46	136,508.76
7	113,757.30	0.00	22,751.46	136,508.76
8	113,757.30	0.00	22,751.46	136,508.76
9	113,757.30	0.00	22,751.46	136,508.76
10	113,757.30	0.00	22,751.46	136,508.76
11	113,757.30	0.00	22,751.46	136,508.76
12	113,757.30	0.00	22,751.46	136,508.76
13	113,757.30	0.00	22,751.46	136,508.76
14	113,757.30	0.00	22,751.46	136,508.76
15	113,757.30	0.00	22,751.46	136,508.76
16	113,757.30	0.00	22,751.46	136,508.76
17	113,757.30	0.00	22,751.46	136,508.76
18	113,757.30	0.00	22,751.46	136,508.76
19	113,757.30	0.00	22,751.46	136,508.76
20	113,757.30	0.00	22,751.46	136,508.76
Total	\$2,275,146.01	\$113,757.30	\$341,271.90	\$2,730,175.22

ATTACHMENT B - PRELIMINARY AMORTIZATION

ATTACHMENT C – HISTORICAL PERFORMANCE & TREND ANALYSIS

Valencia Water Company

Historical Revenues and Expenditures For Fiscal Years Ending December 31

	2004		2005		2006		2007		2008	
	\$	%	\$	%	\$	%	\$	%	\$	%
Revenues										
Operations	869,955	62.02%	1,409,798	62.02%	1,998,471	588,673	41.78%	2,480,935	482,464	24.14%
Interest Income	4,222	0.30%	13,121	0.58%	43,555	30,434	23.19%	(18,961)	(62,510)	-143.53%
Other	108,247	7.78%	239,932	10.60%	131,685	121,679	7.19%	193,672	(41,260)	-21.31%
Total Revenues	982,424	70.10%	1,662,851	72.20%	2,240,698	577,847	34.79%	2,621,234	390,536	16.08%
Operating Expenses										
Operations (less Depreciation)	618,534	63.89%	1,033,824	62.49%	1,477,524	121,730	11.87%	976,987	(170,567)	-14.86%
Maintenance & Capital	19,187	1.95%	27,218	1.63%	21,785	(2,432)	-10.99%	71,177	49,392	226.72%
Taxes	113,694	11.67%	241,214	14.51%	142,705	(98,509)	-40.89%	97,654	(45,051)	-31.57%
Other	442	0.04%	442	0.03%	5,770	5,328	120.49%	0	(5,770)	-100.00%
Total Operating Expenses	731,877	73.53%	1,294,898	77.26%	1,517,814	23,116	1.79%	1,145,818	(171,990)	-13.02%
Net Revenues before Debt Service	250,547	25.57%	368,153	22.02%	722,884	554,731	23.62%	1,475,416	552,532	37.48%
Debt Service										
Principal	39,306	15.53%	20,804	5.65%	206,809	276,005	133.66%	299,175	2,366	0.80%
Interest	15,204	5.95%	10,516	3.25%	20,614	1,099	5.09%	35,879	15,265	74.07%
Total Debt Service	54,510	5.58%	31,320	1.90%	227,423	277,103	124.04%	335,054	17,631	7.82%
Revenues after Debt Service	176,037	17.92%	327,833	19.82%	495,461	277,628	14.14%	1,140,362	534,901	46.83%
Coverage	4.23	9.13	2.91	2.91	2.91	2.91	2.91	4.40	4.21	4.21

**Valencia Water Company
Benchmarks**

	Most Recent System or State Data	Average, Range or Median Benchmark	Comparison Relative to Benchmark	Performance Relative to Benchmark
Operating Efficiency & Profitability				
Operating Revenues divided by Expenses	100.32%	100% to 120%	Average	<i>Average</i>
Operating Expenses as % of Revenues	99.68%	82.50%	Below Average	<i>Weak</i>
Profit Margin	-4.52%	23.50%	Below Average	<i>Weak</i>
Short-Term Liquidity				
Current Assets divided by Current Liabilities	29.84%	400% > 210% < 70%	Below Lower Quartile	<i>Worst</i>
Cash & Receivables divided by Current Liabilities	22.34%	350% > 200% < 70%	Below Lower Quartile	<i>Worst</i>
Long-Term Risk & Capital Structure				
Current Assets / Total Assets	1.02%	18.80%	Below Average	<i>Weak</i>
Fixed Assets / Total Assets	80.42%	73.20%	Above Average	<i>Strong</i>
Other Assets / Total Assets	18.53%	8.00%	Above Average	<i>Strong</i>
Current Liabilities / Total Liabilities & Equity	3.43%	15.30%	Below Average	<i>Strong</i>
Long-Term Liabilities / Total Liabilities & Equity	3.89%	36.00%	Below Average	<i>Strong</i>
Equity / Total Liabilities & Equity	26.28%	48.70%	Below Average	<i>Weak</i>
Debt Service Coverage				
Current Net Revenues divided by Existing Debt	4.21	1.2	Above Requirement	<i>Strong</i>
Projected Net Revenues divided by Existing & WFA Debt	2.60	1.2	Above Requirement	<i>Strong</i>
Projected Debt Service Safety Margin	4.24	1	Above Requirement	<i>Strong</i>
Impact on Users				
Median Household Income (MHI)	\$ 43,000	\$ 40,558	<i>Above State MHI</i>	
Current Monthly Rates per Connection	\$ 33.20	\$ 32.26	<i>Above Statewide Average</i>	
Current Annual Rates divided by MHI	0.93%	1.5% to 3.0%	Below Average Range	<i>Strong</i>
Projected Monthly Rates per Connection	\$ 42.31	\$ 32.26	<i>Above Statewide Average</i>	
Projected Annual Rates divided by MHI	1.18%	1.5% to 3.0%	Below Average Range	<i>Strong</i>
Estimated Monthly Rate Increase per Connection	27.47%	25%	Above	<i>Speculative?</i>
Existing Debt per Connection	\$ 417.07	\$2,500 to \$5,000	Below Average Range	<i>Strong</i>
Existing & WFA Debt per Connection	\$ 886.91	\$2,500 to \$5,000	Below Average Range	<i>Strong</i>
Existing & WFA Debt per Connection divided by MHI	2.06%	10% to 20%	Below Average Range	<i>Strong</i>

**ATTACHMENT D – FINANCIAL STATEMENT
ANALYSIS & BENCHMARKS**

ATTACHMENT E – PROJECTED PERFORMANCE - ARRA RECUEDED LOAN PRINCIPAL

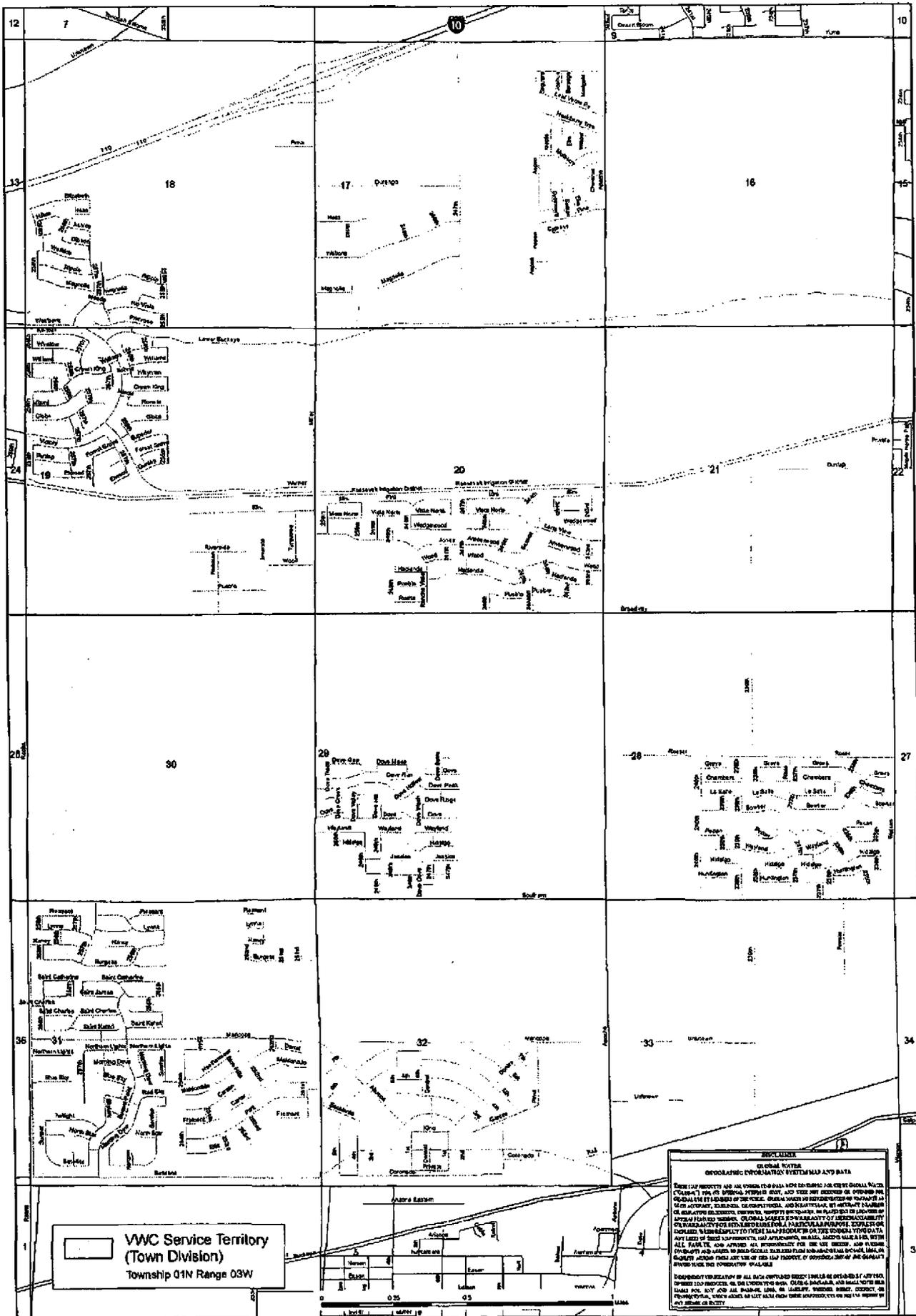
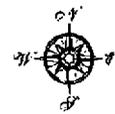
Valencia Water Company
Projected Revenues and Expenditures
Debt Service Calculation on ARRA Reduced Loan Principal of \$1,537,500
For Fiscal Years Ending December 31

	2009		2010		2011		2012		2013		
	\$	%	\$	%	\$	%	\$	%	\$	%	
Revenues											
Operations	2,769,308	(25.74%)	3,156,836	387,528	13.99%	3,283,110	126,273	4.00%	3,414,434	131,324	4.00%
Interest Income	12	0.00%	12	0	0.00%	12	0	0.00%	12	0	0.00%
Other	266,396	0	277,040	10,644	4.00%	288,111	11,070	4.00%	299,624	11,513	4.00%
Total Revenues	3,035,716	(25.74%)	3,433,886	398,172	13.12%	3,571,232	137,344	4.00%	3,714,070	142,837	4.00%
Operating Expenses											
Operations (Less Depreciation)	1,679,171	(66.35%)	1,777,350	98,180	5.89%	1,882,362	105,012	5.91%	1,994,730	112,367	5.97%
Maintenance	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
Taxes	176,318	0.00%	183,543	11,225	6.37%	199,408	11,957	6.37%	212,232	12,733	6.38%
Other	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
Total Operating Expenses	1,855,489	(66.35%)	1,964,893	109,405	5.90%	2,081,861	116,967	5.95%	2,206,961	125,101	6.01%
Net Revenues before Debt Service	1,180,228	39.61%	1,468,995	288,767	24.67%	1,489,372	20,376	1.39%	1,507,108	17,737	1.19%
Debt Service											
Existing Debt (P & J)	264,000		264,000		264,000		264,000		264,000		
WPA Debt Service	113,757		113,757		113,757		113,757		113,757		
Total Debt Service	377,757		377,757		377,757		377,757		377,757		
Revenues after Debt Service	802,470		1,091,238		1,111,614		1,129,351		1,144,050		
Coverage	3.12		3.89		3.94		3.99		4.03		

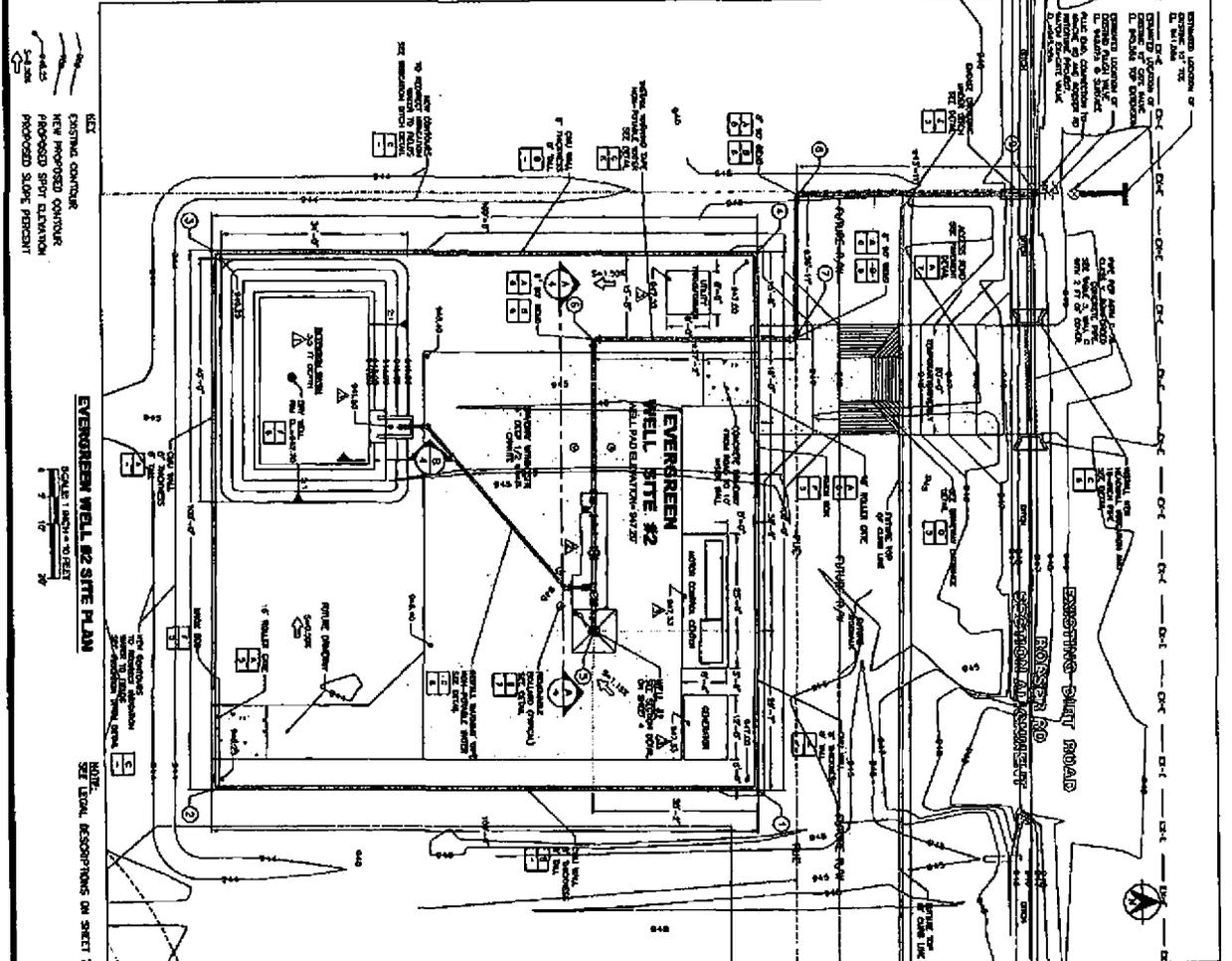
Valencia Water Company DW 165-2009 Evergreen 2 Well Site Construction Cost Estimate with Breakdowns	
Uses by Budget Item	WIFA Funding
Planning	
Project Development	\$20,000.00
Design & Engineering	
Project Engineering & Design	\$50,000.00
Legal/Debt Authorization	N/A
Financial Advisor	N/A
Land/System Acquisition	N/A
Equipment/Materials	N/A
CRA, PO 61806027(05)	\$277,500.00
Construction/Installation/Improvement	
CRA, PO 61806027(05)	\$300,000.00
Inspection & Construction Management	
Construction Inspection	\$32,500.00
Project Officer	
Site Project Manager	\$15,000.00
Administration	
Administration	\$5,000.00
Staff Training	N/A
Capitalized Interest	N/A
Other	N/A
Total for Project	\$700,000.00

Valencia Water Company DW 160-2009 Full SCADA Deployment & Re-Instrumentation Cost Estimate with Breakdowns	
Uses by Budget Item	WIFA Funding
Planning	
Evaluation of Needed Components	\$20,000.00
Due Diligence of Equipment	\$30,000.00
Radio & Communications Planning	\$25,000.00
Design & Engineering	
Electrical Design	\$45,000.00
Development of SCADA Standards	\$500,000.00
Legal/Debt Authorization	N/A
Financial Advisor	N/A
Land/System Acquisition	N/A
Equipment/Materials	
Buffer Primrose, PWS # 07-114	\$50,413.19
Sonoran Ridge, PWS # 07-732	\$25,000.00
Sun Valley Ranches, PWS #07-195	\$99,213.41
Miller Inline BPS, PWS #07-078	\$56,093.04
Lower Buckeye & Apache, PWS #07-078	\$88,656.23
Bales, PWS #07-078	\$100,000.00
Westpark, PWS #07-078	\$80,624.13
Construction/Installation/Improvement	
Buffer Primrose, PWS # 07-114	\$64,162.24
Sonoran Ridge, PWS # 07-732	\$25,000.00
Sun Valley Ranches, PWS #07-195	\$126,271.62
Miller Inline BPS, PWS #07-078	\$71,391.14
Lower Buckeye & Apache, PWS #07-078	\$112,835.20
Bales, PWS #07-078	\$100,000.00
Westpark, PWS #07-078	\$142,839.80
Inspection & Construction Management	
Construction Inspection	\$40,000.00
Project Officer	
Site Project Manager	\$40,000.00
Administration	
Administration	\$20,000.00
Staff Training	N/A
Capitalized Interest	N/A
Other	N/A
Total for Project	\$1,862,500.00

ATTACHMENT G – SERVICE AREA MAP



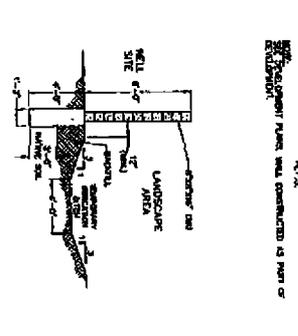
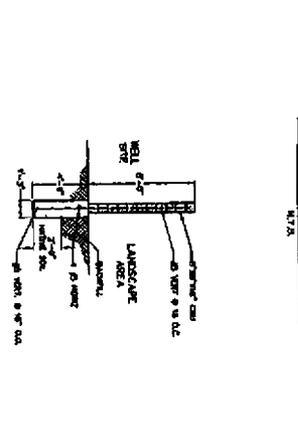
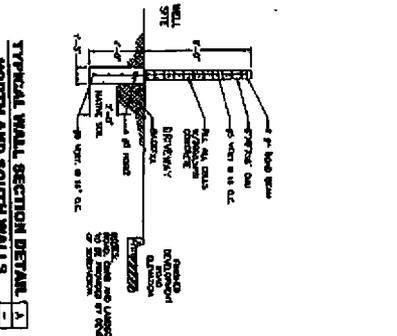
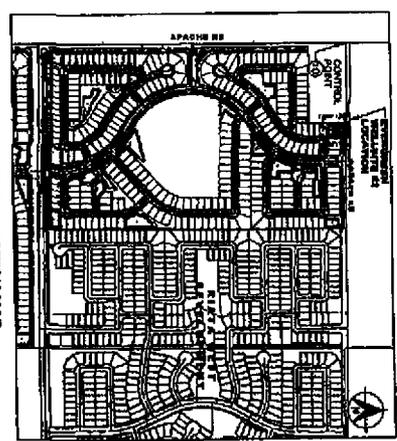
ATTACHMENT H - SITE PLAN - WELL NO. 2



EXISTING CHANGES
 NEW PROPOSED CHANGES
 PROPOSED SLOPE PERCENT

SCALE: 1"=40'-0" (SEE SHEET 2)
 SEE LOCAL REGULATIONS ON SHEET 2

EVERGREEN WELL #2 SITE PLAN



PROJECT SPECIFICATIONS

A. EXISTING WALLS

1. TYPE OF INFILTRATION WALL TO BE 6" OF GRANITE PER WALL THICKNESS OF INFILTRATION WALL AND 10'-0" OF 12" DIA. PER WALL 1" DIA. OF PIPING.

B. CONSTRUCTION/INSTALLATION/OPERATION/MAINTENANCE/REPAIRS/REMOVAL

NO.	DATE	DESCRIPTION	REVISION
1	07/15/05	CONSTRUCTION	6" OF GRANITE CORNER @ TOP OF WALL
2	07/15/05	CONSTRUCTION	6" OF GRANITE CORNER @ TOP OF WALL
3	07/15/05	CONSTRUCTION	6" OF GRANITE CORNER @ TOP OF WALL
4	07/15/05	CONSTRUCTION	6" OF GRANITE CORNER @ TOP OF WALL
5	07/15/05	CONSTRUCTION	6" OF GRANITE CORNER @ TOP OF WALL
6	07/15/05	CONSTRUCTION	6" OF GRANITE CORNER @ TOP OF WALL
7	07/15/05	CONSTRUCTION	6" OF GRANITE CORNER @ TOP OF WALL
8	07/15/05	CONSTRUCTION	6" OF GRANITE CORNER @ TOP OF WALL
9	07/15/05	CONSTRUCTION	6" OF GRANITE CORNER @ TOP OF WALL
10	07/15/05	CONSTRUCTION	6" OF GRANITE CORNER @ TOP OF WALL

CONSTRUCTION SHALL BE AS SHOWN ON SHEET 2, THE PLAN. APPROVE AND NO. AND NO. OF SHEET 1/4 CORNER OF SECTION 26, T14N, R14E.

PRELIMINARY PLANS FOR PERMITTING

WATERWAY WATER CONTROL DISTRICT

CHANGING WELL SITE #2

FINIS Solutions

10000 10th Street, Suite 100, Denver, CO 80202

773.444.4444

www.finissolutions.com

DATE: 05/18/06

SCALE: 1"=40'-0"

PROJECT: EVERGREEN WELL #2 SITE PLAN