



Staff Report

Agenda Item: **Resolution Accepting Water and Sewer Infrastructure Into The Clarkdale Water And Sewer System Inventory** – Approval of Resolution # 1356, a resolution accepting the water and sewer infrastructure constructed by the Verde Valley Christian Church from Centerville Road south along Broadway to their church site and begin the one year warranty period.

Staff Contact: Sherry Bailey, Community Development Director
Wayne Debrosky, Utilities Director

Meeting Date: December 14, 2010

Background:

This resolution accepts the water and sewer infrastructure constructed by the Verde Valley Christian Church from Centerville Road south along Broadway to their church site. In an agreement with the Town that extended both the water and sewer distribution lines and adding the design requirements for valves, manholes and fire hydrants, the Church agreed to upsize the lines to meet the Town's service area needs and the Town agreed to reimburse the Church for the additional cost. All design elements and construction was to the Town's standards. The engineer has certified all construction, materials and tests. The Town is now ready to accept dedication of the infrastructure and begin the one year warranty period. Approval of this resolution will finalize that process.

Recommendation: Approval of Resolution # 1356, a resolution accepting the water and sewer infrastructure constructed by the Verde Valley Christian Church from Centerville Road south along Broadway to their church site and begin the one year warranty period.

RESOLUTION # 1356

A RESOLUTION OF THE MAYOR AND COMMON COUNCIL OF THE TOWN OF CLARKDALE, YAVAPAI COUNTY, ARIZONA, ACCEPTING WATER AND SEWER INFRASTRUCTURE INTO THE CLARKDALE WATER AND SEWER SYSTEM INVENTORY.

WHEREAS, the Town has determined that extension of its water and sewer distribution lines along Broadway to the Verde Valley Christian Church would be in the best interest of the Town in order to service an area not presently served by the Town's water and sewer distribution system; and

WHEREAS, Verde Valley Christian Church has constructed an extension of said water and sewer lines, valves, manholes and fire hydrants and has certified that said infrastructure meets the Town's design and construction standards; and

WHEREAS, the Town has inspected the water and sewer distribution system being dedicated to the Town and determined that it meets the Town's design and construction standards; and

WHEREAS, acceptance of said water and sewer infrastructure into the Town of Clarkdale's utility infrastructure will start the one year warranty on said infrastructure,

NOW, THEREFORE BE IT RESOLVED BY THE MAYOR AND COMMON COUNCIL OF THE TOWN OF CLARKDALE, ARIZONA, AS FOLLOWS:

The Town of Clarkdale hereby accepts the dedication from Verde Valley Christian Church as part of the Town of Clarkdale's water and sewer distribution system, all distribution lines, valves, manholes and fire hydrants constructed by the Verde Valley Christian Church from the connection point at Centerville Road south on Broadway to the Verde Valley Christian Church site at 551 South Broadway.

PASSED AND ADOPTED by the Mayor and Common Council on the 14th day of December, 2010.

Doug Von Gausig, Mayor

ATTEST:

Kathy Bainbridge, Town Clerk



ENGINEERS CERTIFICATE OF APPROVAL

PROJECT: Verde Valley Christian Church
Y.C.E.S. FILE No. A52008001456

PROJECT OWNER: Matt Fabritz 3605 Zalesky Ln., Cottonwood, AZ 86326

PARCEL NO. NA

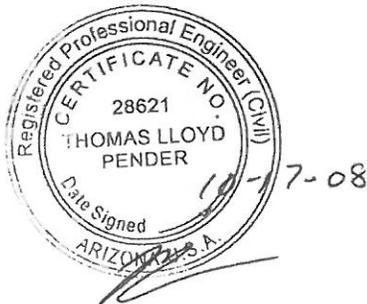
PROJECT DESCRIPTION: Extend existing distributions system to serve the Verde Valley Christian Church on South Broadway in Clarkdale AZ.

I Thomas Lloyd Pender, P.E. a Professional Engineer currently registered in the State of Arizona, certify that the above designated project was completed under my surveillance; that the materials used were as specified in the drawings and/or specifications submitted, and that the construction was in accordance with the Arizona Department of Environmental Quality rules and regulations.

Attached Documents:

- X Water Line Pressure Tests
- X Water Line High and Low Chlorine
- X Bacteriological test results
- X As-built drawings

Respectfully Submitted,



Tom L. Pender, P.E. Date of Certificate

Exp 12-31-08



Verde Valley Christian Church Waterline tests

Verde Valley Christian Church Water System Pressure

Water Line Pressure Tests

August 27th 2008

Pressure measured at the Blow off Valve within at Station 46+55

Main Type C-900

Size: 8"

Length: 3750 feet

Hold Time: 2 hours

Initial Pressure: 200 PSI

Final Pressure: 200 PSI

Water Loss 1 gallon Acceptable 6 gallons

Pressure Test: Passed

Conducted by Arizona Northern and Observed By: Pender Engineering

High Chlorine 60+ PPM at 5:00 PM August 25, 2008

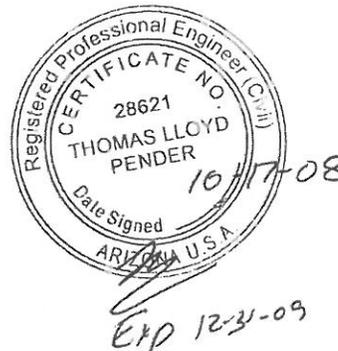
High Chlorine 50+ PPM at 5:00 PM August 26, 2008

Flushed line August 26th 2008 Low Chlorine 0 PPM

Result: Passed

Conducted By: Pender Engineering

Bacteriological Sample at 4:35 September 10th 2008 Result 0



BRADSHAW MOUNTAIN ENVIRONMENTAL LABORATORY

PD

990 Willow Creek Road • Prescott, Arizona 86301

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

DRINKING WATER PRIMARY MICROBIOLOGICAL ANALYSIS REPORT

ACCT#

*** SAMPLES TO BE TAKEN IN DISTRIBUTION SYSTEM ONLY ***

>>> PUBLIC WATER SYSTEM INFORMATION <<<<

>>> TO BE FILLED OUT BY SYSTEM PERSONNEL <<<<

(11-111)

System ID

Verde Valley Christian Church

System Name

(9-10-08)

Sample Date

(16:35) (24 hr Clock)

Sample Time

Tom Pender

Owner/Contact Person Name

(928-639-3801) (Fax Results)

Owner/Contact Person Fax Number

(639-0776)

Owner/Contact Person Phone Number

Tom Pender

Cottonwood

AZ

86326

Owner/Contact Person Address

City

State

Zip

Tom Pender

Collected by

USE IF INITIAL SAMPLE WAS POSITIVE

Original Violating Specimen Number

Repeat, Original Location

Repeat Other Location

Repeat Downstream Location

Repeat Upstream Location

400 ml Repeat (Single Tap Only)

300 ml Repeat (Single Tap Only)

SAMPLE TYPE

Compliance Monitoring

SAMPLE COLLECTION POINT/ID

Zone

SAMPLING SITE ID

***** MICROBIOLOGICAL ANALYSIS *****

>>>To be filled out by laboratory personnel<<<

Analysis Method	MCL Value	Contaminant Name	Cont Code	Test Start Date/Time	Analysis Run Date/Time	Result
9223 Colilert	Present/1	Total Coliform	3000	9/10/08 1800	9-11-08 1802	0

1 or more Coliform

ONLY REPORT FECAL RESULT IF TOTAL COLIFORM RESULT IS POSITIVE.

Analysis Method	MCL Value	Contaminant Name	Cont Code	Test Start Date/Time	Analysis Run Date/Time	Result
9223 Colilert	Present/1	E. Coli or Fecal Coliform	3013	9/10/08 1800		

1 or more Coliform

SPECIMEN NUMBER

182321

>>> LABORATORY INFORMATION <<<<

To be filled out by laboratory personnel

ID Number AZ0029 Name: [Bradshaw Mountain Environmental Laboratory]

Comments: []

Authorized Signature: [Signature]

CHAIN OF CUSTODY

RECEIVED DATE/TIME	RELATIVE TEMP.	RELINQUISHED BY	RECEIVED BY
9/10/08 1751	Cool	[Signature]	KCR

fax to: ADEQ Drinking Water Date Unit 602-771-4505 ATTN: Dyanne (positives & repeats ONLY)



ENGINEERS CERTIFICATE OF APPROVAL

PROJECT: Verde Valley Christian Church
Y.C.E.S. FILE No. A52008001457

PROJECT OWNER: Matt Fabritz 3605 Zalesky Ln., Cottonwood, AZ 86326

PARCEL NO. NA

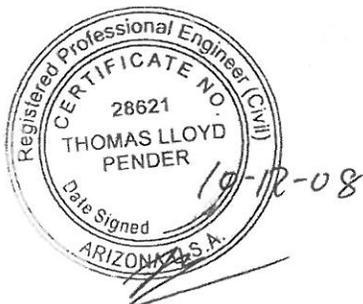
PROJECT DESCRIPTION: Extend existing sewage collection system to serve the Verde Valle Christian Church on south Broadway in Clarkdale AZ.

I Thomas Lloyd Pender, P.E. a Professional Engineer currently registered in the State of Arizona, certify that the above designated project was completed under my surveillance; that the materials used were as specified in the drawings and/or specifications submitted, and that the construction was in accordance with the Arizona Department of Environmental Quality rules and regulations.

Attached Documents:

- X Wastewater Line Pressure Tests
- X Manhole Vacuum tests
- X As-built drawings

Respectfully Submitted,



Exp 12-31-09
Tom L. Pender, P.E. Date of Certificate

P.O. Box 1245~Cottonwood~AZ~86326~(928) 639-0776~(928) 639-3801



Wastewater test results

Manhole	Station	Length	Sewer Line Deflection	Sewer Line Pressure at 4 psi	Manhole Width / Depth	Manhole Vacuum Test at 10 in	
Tie In	101+00					existing	
1	101+73	73	8/20/2008	300+ Seconds	4' x 6'	20+ Seconds	Passed
2	105+54	381	8/20/2008	300+ Seconds	4' x 9'	25+ Seconds	Passed
3	110+53	499	8/20/2008	300+ Seconds	4' x 9'	25+ Seconds	Passed
4	112+69	216	8/20/2008	300+ Seconds	4' x 9'	25+ Seconds	Passed
5	114+16	147	8/20/2008	300+ Seconds	4' x 9'	25+ Seconds	Passed
6	115+83	167	8/20/2008	300+ Seconds	4' x 9'	25+ Seconds	Passed
7	117+43	160	8/20/2008	300+ Seconds	5' x 11'	35+ Seconds	Passed
8	120+64	321	8/20/2008	300+ Seconds	5' x 15'	60+ Seconds	Passed



Exp 12-31-09